LA-UR-21-27044
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Title:	Semi-Annual Monitoring Report for Los Alamos National Laboratory, AI No. 856, Title V Operating Permit P100-R2M4 for January 1 – June 30, 2021
Author(s):	Carretti, Vincent Anthony
Intended for:	Environmental Regulatory Document
Issued:	2021-08-23 (rev.1)

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Los Alamos NATIONAL LABORATORY

Environment, Safety, Health, Quality, Safeguards, and Security (ESHQSS)
Los Alamos National Laboratory
P.O. Box 1663, K491
Los Alamos, NM 87545
505-667-4218

National Nuclear Security Administration
Los Alamos Field Office
3747 West Jemez Road, A316
Los Alamos, NM 87544
505-665-7314/Fax 505-667-5948

Symbol: ESHQSS: 21-040
LA-UR: 21-27044
Locates Action No.: N/A
Date: AUG 10 2021

Mr. David Feather
Compliance Reporting Manager
New Mexico Environment Department, Air Quality Bureau
525 Camino de los Marquez, Suite 1
Santa Fe, NM 87505-1816

Subject: Semi-Annual Monitoring Report for Los Alamos National Laboratory, AI No. 856, Title V Operating Permit P100-R2M4 for January 1 – June 30, 2021

Dear Mr. Feather:

Enclosed is Los Alamos National Laboratory's (LANL) Semi-Annual Monitoring Report for the first half of 2021 for Operating Permit P100-R2M4, effective July 18, 2019. This Semi-Annual Monitoring Report covers the January 1 – June 30, 2021 (2021H1) reporting period.

This submission is required by permit condition A109.A. of the Title V Operating Permit P100-R2M4, and is submitted within 45 days following June 30, 2021, the end of the six month reporting period. LANL's Air Quality Compliance team obtained approval from Ms. Carina Munoz-Dyer, Reports Group Staff Manager at the New Mexico Environment Department, Air Quality Bureau, to submit attachments to this report in E-files only without paper copies.

This Semi-Annual Monitoring Report includes:

1. Printed copies of:
    - Cover Letter (Signed original)
    - Reporting Submittal Form for P100-R2M4 (Signed original)
    - Title V Report Certification Form for P100-R2M4 (Signed original)
    - Title V Semi-Annual Monitoring Report for January 1– June 30, 2021 (2021H1)
        - Part 1 – Monitoring Activity Reporting Requirements
        - Part 2 – Deviation Summary Report
2. E-files of:
    - Cover Letter
    - Reporting Submittal Form for P100-R2M4
    - Title V Report Certification Form for P100-R2M4

- Title V Semi-Annual Monitoring Report for January 1– June 30, 2021 (2021H1)
  - Part 1 – Monitoring Activity Reporting Requirements
  - Part 2 – Deviation Summary Report
- Monitoring Report Attachments A.607.A through A.1507.B

There were no deviations from permit conditions during this reporting period.

If you have any questions or comments regarding this submittal or would like to discuss the submittal in greater detail, please contact Adrienne Nash at (505) 665-5026 or Marjorie Stockton at (505) 665-3289.

Sincerely,

JENNIFER PAYNE (Affiliate)
Digitally signed by JENNIFER PAYNE (Affiliate)
Date: 2021.07.29 13:15:22 -06'00'

Jennifer E. Payne
Division Leader
Environmental Protection and Compliance
Triad National Security, LLC
Los Alamos National Laboratory

Sincerely,

Theodore A. Wyka
Manager, Los Alamos Field Office
National Nuclear Security Administration
U.S. Department of Energy
Los Alamos Field Office

Attachment(s): Attachment 1 Communication with NMED Regarding Electronic Attachments
Attachment 2 Semi-Annual Monitoring Report for Los Alamos National Laboratory, AI No. 856, Title V Permit P100-R2M4 for January 1 – June 30, 2021

Copy: Adrienne L. Nash, NA-LA, adrienne.nash@nnsa.doe.gov
Silas DeRoma, NA-LA, silas.deroma@nnsa.doe.gov
Stephen Jochem, NA-LA, stephen.jochem@nnsa.doe.gov
Darlene S. Rodriguez, NA-LA, darlene.rodriguez@nnsa.doe.gov
Kirk Lachman, EM-LA, kirk.lachman@em.doe.gov
M. Lee Bishop, EM-LA, lee.bishop@em.doe.gov
David Nickless, EM-LA, david.nickless@em.doe.gov
Hai Shen, EM-LA, hai.shen@em.doe.gov
Kelly J. Beierschmitt, DDOPS, Triad, LANL, beierschmitt@lanl.gov
Michael W. Hazen, ALDESHQSS, Triad, LANL, mhazen@lanl.gov
William R. Mairson, ALDESHQSS, Triad, LANL, wrmairson@lanl.gov
Maxine M. McReynolds, GC-ESH, Triad, LANL, mcreynolds@lanl.gov
Enrique Torres, EWP, Triad, LANL, etorres@lanl.gov
Jennifer E. Payne, EPC-DO, Triad, LANL, jpayne@lanl.gov
Taunia S. Van Valkenburg, EPC-CP, Triad, LANL, tauniav@lanl.gov
Marjorie B. Stockton, EPC-CP, Triad, LANL, mstockton@lanl.gov
Vincent A. Carretti, EPC-CP, Triad, LANL, vcarretti@lanl.gov
Taylor A. Valdez, PCM-DO, Triad, LANL, tvaldez@lanl.gov
Christian Maupin, N3B, christian.maupin@em-la.doe.gov
Dana Lindsay, N3B, dana.lindsay@em-la.doe.gov
Triad, EPC-CP Title V Permit File

Triad, EPC-CP Title V Monitoring Report File
Triad, EPC-CP Correspondence File
lasomailbox@nnsa.doe.gov
aldeshqsscorrespondence@lanl.gov
epccorrespondence@lanl.gov
eshqss-dcrm@lanl.gov
interface@lanl.gov

New Mexico Environment Department
Air Quality Bureau
Compliance and Enforcement Section
525 Camino de los Marquez, Suite 1
Santa Fe, NM 87505
Phone (505) 476-4300

Version 07.20.18

NMED USE ONLY	
TEMPO	

REPORTING SUBMITTAL FORM

NMED USE ONLY	
Staff	
Admin	

PLEASE NOTE: ® - Indicates required field

SECTION I - GENERAL COMPANY AND FACILITY INFORMATION

A. ® Company Name: Department of Energy, National Nuclear Security Administration			**D. ® Facility Name:** Los Alamos National Laboratory		
B.1 ® Company Address: 3747 West Jemez Road			**E.1 ® Facility Address:** P.O. Box 1663 MS J978		
B.2 ® City: Los Alamos	**B.3 ® State:** NM	**B.4 ® Zip:** 87544	**E.2 ® City:** Los Alamos	**E.3 ® State:** NM	**E.4 ® Zip:** 87545
C.1 ® Company Environmental Contact: Adrienne L. Nash	**C.2 ® Title:** Program Manager		**F.1 ® Facility Contact:** Marjorie B. Stockton	**F.2 ® Title:** Meteorology & Air Quality Team Leader	
C.3 ® Phone Number: (505) 665-5026	**C.4 ® Fax Number:** (505) 667-9998		**F.3 ® Phone Number:** (505) 665-3289	**F.4 ® Fax Number:** NA	
C.5 ® Email Address: adrienne.nash@nnsa.doe.gov			**F.5 ® Email Address:** mstockton@lanl.gov		
G. Responsible Official: (Title V only): Theodore A. Wyka	**H. Title:** Manager		**I. Phone Number:** (505) 667-4081	**J. Fax Number:** NA	
K. ® AI Number: 856	**L. Title V Permit Number:** P100-R2M4	**M. Title V Permit Issue Date:** July 18, 2019	**N. NSR Permit Number:** 2195	**O. NSR Permit Issue Date:** Various	
P. Reporting Period: From: January 1, 2021	To: June 30, 2021				

Do NOT submit NSPS OOOO or OOOOa well completion or flowback notifications to the Air Quality Bureau. See https://www.env.nm.gov/air-quality/notices-and-faqs-for-compliance-and-enforcement/ for explanation.

SECTION II – TYPE OF SUBMITTAL (check one that applies)

A. ☐	**Title V Annual Compliance Certification**	**Permit Condition(s):**	**Description:**	
B. ☒	**Title V Semi-Annual Monitoring Report**	**Permit Condition(s):** A109.A	**Description:** LANL Semi-Annual Monitoring Report for January 1 - June 30, 2021	
C. ☐	**NSPS Requirement (40CFR60)**	**Regulation:**	**Section(s):**	**Description:**
D. ☐	**MACT Requirement (40CFR63)**	**Regulation:**	**Section(s):**	**Description:**
E. ☐	**NMAC Requirement (20.2.xx) or NESHAP Requirement (40CFR61)**	**Regulation:**	**Section(s):**	**Description:**
F. ☐	**Permit or Notice of Intent (NOI) Requirement**	**Permit No.** ☐: or **NOI No.** ☐:	**Condition(s):**	**Description:**
G. ☐	**Requirement of an Enforcement Action**	**NOV No.** ☐: or **SFO No.** ☐: or **CD No.** ☐: or **Other** ☐:	**Section(s):**	**Description:**

SECTION III - CERTIFICATION

After reasonable inquiry, I Theodore A. Wyka **certify that the information in this submittal is true, accurate and complete.**
(Name of Certifier)

® Signature of Certifier:	® Title:	® Date	® Responsible Official for Title V?
	Manager		☒ Yes ☐ No

Reviewed By: _____ Date Reviewed: _____

Title V Report Certification Form

I. Report Type

☐ **Annual Compliance Certification**

☒ **Semi-Annual Monitoring Report**

☐ **Other Specify:**

II. Identifying Information

Facility Name: Los Alamos National Laboratory		
Facility Address: P.O. Box 1663, MS J978	State: NM	Zip: 87545
Responsible Official (RO): Theodore A. Wyka	Phone: (505) 667-4081	Fax: NA
RO Title: Manager	RO e-mail: theodore.wyka@nnsa.doe.gov	
Permit No.: P100-R2M4	Date Permit Issued: 7/18/2019	
Report Due Date (as required by the permit): 8/14/2021	Permit AI number: 856	
Time period covered by this Report: From: 1/1/2021	To: 6/30/2021	

III. Certification of Truth, Accuracy, and Completeness

I am the Responsible Official indicated above. I, (Theodore A. Wyka) certify that I meet the requirements of 20.2.70.7.AE NMAC and that I have been identified to the Department as such through a permitting action or notification. I certify that, based on information and belief formed after reasonable inquiry, the statements and information contained in the attached Title V report are true, accurate, and complete.

Signature _____ Date: _____.

ATTACHMENT 1

Communication with NMED Regarding Electronic Attachments

ESHQSS: 21-040

LA-UR-21-27044

Date: AUG 10 2021

From: Munoz, Carina, NMENV
To: Ramanathan, Brinda
Subject: RE: Template for Los Alamos National Laboratory"s semi-annual monitoring report
Date: Monday, July 3, 2017 9:22:48 AM

That will be okay. Just provide a CD with the attachments. And include this email with your submittal.

Thanks
Carina

Carina G. Munoz-Dyer
Reports Group Staff Manager
Compliance and Enforcement Section
NMED Air Quality Bureau
Ph. 505-476-4368

The Four-Way Test
Of the Things We Think, Say or Do:

1. Is it the **TRUTH**?
2. Is it **FAIR** to all concerned?
3. Will it build **GOODWILL** and **BETTER FRIENDSHIPS**?
4. WIll it be **BENEFICIAL** to all concerned?

From: Ramanathan, Brinda [mailto:brindar@lanl.gov]
Sent: Monday, July 03, 2017 9:20 AM
To: Munoz, Carina, NMENV <Carina.Munoz@state.nm.us>
Subject: RE: Template for Los Alamos National Laboratory's semi-annual monitoring report

Hi Carina,

Good morning.

Thank you for the forms.

I do have one question. LANL's monitoring report attachments are 1500-1700 pages long. The previous compliance manager, Renae Held allowed us to submit electronic files only for the attachments. Is this acceptable to you? We will submit paper copies for the submittal form, certification form and the report. We would like to avoid printing so many pages.

Let me know.

Thank you again for your help with this.

Brinda

From: Munoz, Carina, NMENV [mailto:Carina.Munoz@state.nm.us]
Sent: Monday, July 3, 2017 9:09 AM
To: Ramanathan, Brinda <brindar@lanl.gov>; aqb, Submittals, NMENV <Submittals.aqb@state.nm.us>
Subject: RE: Template for Los Alamos National Laboratory's semi-annual monitoring report
Importance: High

Brinda,

Here are the template for AI 856 – LANL Semi-Annual and ACC reports. The forms are a combined version that include TV Permit P100-R2 and R2M1. Please read the instructions on the first page of each form. Let me know if you have any questions.

Thanks
Carina

Carina G. Munoz-Dyer
Reports Group Staff Manager
Compliance and Enforcement Section
NMED Air Quality Bureau
Ph. 505-476-4368

The Four-Way Test
Of the Things We Think, Say or Do:

1. Is it the **TRUTH**?
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3. Will it build **GOODWILL** and **BETTER FRIENDSHIPS**?
4. WIll it be **BENEFICIAL** to all concerned?

From: Ramanathan, Brinda [mailto:brindar@lanl.gov]
Sent: Wednesday, June 28, 2017 8:51 AM
To: Munoz, Carina, NMENV <Carina.Munoz@state.nm.us>
Subject: Template for Los Alamos National Laboratory's semi-annual monitoring report

Hi Carina,

We spoke a month ago about getting a new template for the semi-annual monitoring report for Title V permit P100-R2M1.
I was wondering if the template is available so that I can get started on the monitoring report.

The AI for LANL is AI856.

Until Feb 3, 2017 LANL operated under permit P100-R2.
On Feb 3, 2017, LANL was issued a permit modification P100-R2M1. The modification was for the addition of Evaporative Sprayers in Section A1500.

Would you kindly let me know if LANL has to submit two monitoring reports or one for the Jan 1–Jun 30, 2017 monitoring period?

I will follow up this e-mail with a phone call to you.

Thank you.

With best regards,

Brinda Ramanathan
Air Quality Compliance
505-665-8879
Los Alamos National Laboratory

ATTACHMENT 2

Semi-Annual Monitoring Report for Los Alamos National Laboratory, AI No. 856, Title V Operating Permit P100-R2M4 for January 1–June 30, 2021

ESHQSS: 21-040

LA-UR-21-27044

Date: AUG 10 2021

Title V Semi - Annual Monitoring Report for Permits P100-R2M4

Part 1 – Monitoring Activity Reporting Requirements

A Semi-Annual Report of monitoring activities is due within 45 days following the end of every 6-month reporting period. The six month reporting periods start on January 1st and July 1st of each year.

A responsible official (as defined in 20.2.70.7.AE NMAC) shall certify the accuracy, truth and completeness of every report and compliance certification submitted to the Department as required by this permit. These certifications shall be part of each document. (20.2.70.300.E NMAC)

Compliance Certification Reports, Semi-Annual monitoring reports, compliance schedule progress reports, and any other compliance status information required by this permit shall be certified by the responsible official and submitted to:

Manager, Compliance and Enforcement Section
New Mexico Environment Department
Air Quality Bureau
525 Camino De Los Marquez, Suite 1
Santa Fe, NM 87505-1816

B108 General Monitoring Requirements

(20.2.70. 302.A and C NMAC)

A. These requirements do not supersede or relax requirements of federal regulations.

B. The following monitoring and/or testing requirements shall be used to determine compliance with applicable requirements and emission limits. Any sampling, whether by portable analyzer or EPA reference method, that measures an emission rate over the applicable averaging period greater than an emission limit in this permit constitutes noncompliance with this permit. The Department may require, at its discretion, additional tests pursuant to EPA Reference Methods at any time, including when sampling by portable analyzer measures an emission rate greater than an emission limit in this permit; but such requirement shall not be construed as a determination that the sampling by portable analyzer does not establish noncompliance with this permit and shall not stay enforcement of such noncompliance based on the sampling by portable analyzer.

C. If the emission unit is shutdown at the time when periodic monitoring is due to be accomplished, the permittee is not required to restart the unit for the sole purpose of performing the monitoring. Using electronic or written mail, the permittee shall notify the Department's Enforcement Section of a delay in emission tests prior to the deadline for accomplishing the tests. Upon recommencing operation, the permittee shall submit any pertinent pre-test notification requirements set forth in the current version of the Department's Standard Operating Procedures For Use Of Portable Analyzers in Performance Test, and shall accomplish the monitoring.

D. The requirement for monitoring during any monitoring period is based on the percentage of time that the unit has operated. However, to invoke monitoring period exemptions at B108.D(2), hours of operation shall be monitored and recorded.

   (1) If the emission unit has operated for more than 25% of a monitoring period, then the permittee shall conduct monitoring during that period.

   (2) If the emission unit has operated for 25% or less of a monitoring period then the monitoring is not required. After two successive periods without monitoring, the permittee shall conduct monitoring during the next period regardless of the time operated during that period, except that for any monitoring period in which a unit has operated for less than 10% of the monitoring period, the period will not be considered as one of the two successive periods.

   (3) If invoking the monitoring period exemption in B108.D(2), the actual operating time of a unit shall not exceed the monitoring period required by this permit before the required monitoring is performed. For example, if the monitoring period is annual, the operating hours of the unit shall not exceed 8760 hours before monitoring is conducted. Regardless of the time that a unit actually operates, a minimum of one of each type of monitoring activity shall be conducted during the five year term of this permit.

E. The permittee is not required to report a deviation for any monitoring or testing in a Specific Condition if the deviation was authorized in this General Condition B108.

F. For all periodic monitoring events, except when a federal or state regulation is more stringent, three test runs shall be conducted at 90% or greater of the unit's capacity as stated in this permit, or in the permit application if not in the permit, and at additional loads when requested by the Department. If the 90% capacity cannot be achieved, the monitoring will be conducted at the maximum

achievable load under prevailing operating conditions except when a federal or state regulation requires more restrictive test conditions. The load and the parameters used to calculate it shall be recorded to document operating conditions and shall be included with the monitoring report.

G. When requested by the Department, the permittee shall provide schedules of testing and monitoring activities. Compliance tests from previous NSR and Title V permits may be re-imposed if it is deemed necessary by the Department to determine whether the source is in compliance with applicable regulations or permit conditions.

H. If monitoring is new or is in addition to monitoring imposed by an existing applicable requirement, it shall become effective 120 days after the date of permit issuance. For emission units that have not commenced operation, the associated new or additional monitoring shall not apply until 120 days after the units commence operation. All pre-existing monitoring requirements incorporated in this permit shall continue to apply from the date of permit issuance. All monitoring periods, unless stated otherwise in the specific permit condition or federal requirement, shall commence at the beginning of the 12 month reporting period as defined at condition A109.B.

B109 General Recordkeeping Requirements

(20.2.70.302.D NMAC)

A. The permittee shall maintain records to assure and verify compliance with the terms and conditions of this permit and any applicable requirements that become effective during the term of this permit. The minimum information to be included in these records is (20.2.70.302.D.1 NMAC):
   (1) equipment identification (include make, model and serial number for all tested equipment and emission controls);
   (2) date(s) and time(s) of sampling or measurements;
   (3) date(s) analyses were performed;
   (4) the company or entity that performed the analyses;
   (5) analytical or test methods used;
   (6) results of analyses or tests; and
   (7) operating conditions existing at the time of sampling or measurement.

B. The permittee shall keep records of all monitoring data, equipment calibration, maintenance, and inspections, Data Acquisition and Handling System (DAHS) if used, reports, and other supporting information required by this permit for at least five (5) years from the time the data was gathered or the reports written. Each record shall clearly identify the emissions unit and/or monitoring equipment, and the date the data was gathered. (20.2.70.302.D.2 NMAC)

C. If the permittee has applied and received approval for an alternative operating scenario, then the permittee shall maintain a log at the facility, which documents, contemporaneously with any change from one operating scenario to another, the scenario under which the facility is operating. (20.2.70.302.A.3 NMAC)

D. The permittee shall keep a record describing off permit changes made at this source that result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under this permit, and the emissions resulting from those changes. (20.2.70.302.I.2 NMAC)

E. Unless otherwise indicated by Specific Conditions, the permittee shall keep the following records for malfunction emissions and routine and predictable emissions during startup, shutdown, and scheduled maintenance (SSM):

(1) The owner or operator of a source subject to a permit, shall establish and implement a plan to minimize emissions during routine or predictable startup, shutdown, and scheduled maintenance through work practice standards and good air pollution control practices. This requirement shall not apply to any affected facility defined in and subject to an emissions standard and an equivalent plan under 40 CFR Part 60 (NSPS), 40 CFR Part 63 (MACT), or an equivalent plan under 20.2.72 NMAC - Construction Permits, 20.2.70 NMAC - Operating Permits, 20.2.74 NMAC - Permits - Prevention of Significant Deterioration (PSD), or 20.2.79 NMAC - Permits - Nonattainment Areas. (20.2.7.14.A NMAC) The permittee shall keep records of all sources subject to the plan to minimize emissions during routine or predictable SSM and shall record if the source is subject to an alternative plan and therefore, not subject to the plan requirements under 20.2.7.14.A NMAC.

(2) If the facility has allowable SSM emission limits in this permit, the permittee shall record all SSM events, including the date, the start time, the end time, a description of the event, and a description of the cause of the event. This record also shall include a copy of the manufacturer's, or equivalent, documentation showing that any maintenance qualified as scheduled. Scheduled maintenance is an activity that occurs at an established frequency pursuant to a written protocol published by the manufacturer or other reliable source. The authorization of allowable SSM emissions does not supersede any applicable federal or state standard. The most stringent requirement applies.

(3) If the facility has allowable malfunction emission limits in this permit, the permittee shall record all malfunction events to be applied against these limits. The permittee shall also include the date, the start time, the end time, and a description of the event. **Malfunction means** any sudden and unavoidable failure of air pollution control equipment or process equipment beyond the control of the owner or operator, including malfunction during startup or shutdown. A failure that is caused entirely or in part by poor maintenance, careless operation, or any other preventable equipment breakdown shall not be considered a malfunction. (20.2.7.7.E NMAC) The authorization of allowable malfunction emissions does not supersede any applicable federal or state standard. The most stringent requirement applies. This authorization only allows the permittee to avoid submitting reports under 20.2.7 NMAC for total annual emissions that are below the authorized malfunction emission limit.

(4) The owner or operator of a source shall meet the operational plan defining the measures to be taken to mitigate source emissions during malfunction, startup or shutdown. (20.2.72.203.A(5) NMAC)

B110 General Reporting Requirements

(20.2.70.302.E NMAC)

A. Reports of required monitoring activities for this facility shall be submitted to the Department on

the schedule in section A109. Monitoring and recordkeeping requirements that are not required by a NSPS or MACT shall be maintained on-site or (for unmanned sites) at the nearest company office, and summarized in the semi-annual reports, unless alternative reporting requirements are specified in the equipment specific requirements section of this permit.

B. Reports shall clearly identify the subject equipment showing the emission unit ID number according to this operating permit. In addition, all instances of deviations from permit requirements, including those that occur during emergencies, shall be clearly identified in the reports required by section A109. (20.2.70.302.E.1 NMAC)

C. The permittee shall submit reports of all deviations from permit requirements, including those attributable to upset conditions as defined in the permit, the probable cause of such deviations, and any corrective actions or preventive measures taken. These reports shall be submitted as follows:
   (1) Deviations resulting in excess emissions as defined in 20.2.7.7 NMAC (including those classified as emergencies as defined in section B114.A) shall be reported in accordance with the timelines specified by 20.2.7.110 NMAC and in the semi-annual reports required in section A109. (20.2.70.302.E.2 NMAC)
   (2) All other deviations shall be reported in the semi-annual reports required in section A109. (20.2.70.302.E.2 NMAC).

D. The permittee shall submit reports of excess emissions in accordance with 20.2.7.110.A NMAC.

E. Results of emission tests and monitoring for each pollutant (except opacity) shall be reported in pounds per hour (unless otherwise specified) and tons per year. Opacity shall be reported in percent. The number of significant figures corresponding to the full accuracy inherent in the testing instrument or Method test used to obtain the data shall be used to calculate and report test results in accordance with 20.2.1.116.B and C NMAC. Upon request by the Department, CEMS and other tabular data shall be submitted in editable, MS Excel format.

F. At such time as new units are installed as authorized by the applicable NSR Permit, the permittee shall fulfill the notification requirements in the NSR permit.

G. Periodic Emissions Test Reporting: The permittee shall report semi-annually a summary of the test results.

H. The permittee shall submit an emissions inventory for this facility annually. The emissions inventory shall be submitted by the later of April 1 or within 90 days after the Department makes such request. (20.2.73 NMAC and 20.2.70.302.A.1 NMAC)

I. Emissions trading within a facility (20.2.70.302.H.2 NMAC)
   (1) For each such change, the permittee shall provide written notification to the department and the administrator at least seven (7) days in advance of the proposed changes. Such notification shall state when the change will occur and shall describe the changes in emissions that will result and how these increases and decreases in emissions will comply with the terms and conditions of the permit.
   (2) The permittee and department shall attach each such notice to their copy of the relevant permit.

FACILITY SPECIFIC REQUIREMENTS:

A109 Facility: Reporting B. A Semi-Annual Report of actual emissions from all permitted sources unless otherwise specified in this permit is due within 90 days following the end of every 6-month reporting period as defined at Condition A109.A. Emission estimates of pollutants NOx, CO, SO2, VOC, TSP, PM10, and PM2.5 shall not include fugitive emissions. Emission estimates of HAPs shall include fugitive emissions. Emission estimates shall not include Insignificant or Trivial Activities, except that facility-wide emissions from all natural gas combustion sources shall be estimated. The reports shall include a comparison of actual emissions that occurred during the reporting period with the facility-wide allowable emission limits at Table 106.B.
Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.
☒ **Yes** **Date report submitted:** March 29, 2021 **Tracking Number:** SBR20210003
☐ **No** **Provide comments and identify any supporting documentation as an attachment.**
Comments: The Semi-Annual Emissions Report for July 1 - December 31, 2020, was submitted on March 29, 2021 within 90 days from the end of the reporting period as required by condition A109.A. The Semi-Annual Emissions Report for January 1 - June 30, 2021 is not due until 90 days following June 30, 2021, which is after the submission of this report.

EQUIPMENT SPECIFIC REQUIREMENTS:

A605 Fuel Requirements – Asphalt Production

A. Asphalt Plant Combustion Sources

Requirement: Combustion sources located at the asphalt plant shall combust only those fuels allowed under condition III.A.3 of the NSR Permit GCP-3-2195G.

Monitoring: N/A

Recordkeeping: The permittee shall meet the recordkeeping requirements of GCP-3 and maintain records in accordance with Section B109.

Reporting: The permittee shall submit reports described in Section A109 and in accordance with Section B110.

Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.

☐ **Yes** **Date report submitted:** **Tracking Number:**

☒ **No** **Provide comments and identify any supporting documentation as an attachment.**

Comments: Requirement: Pipeline quality natural gas is used at the asphalt plant and is allowed under condition III.A.3 of the NSR permit GCP-3-2195G.

Recordkeeping: Records are maintained in accordance with Section B109.

Reporting: A109.A: This Semi-Annual Monitoring Report is submitted within 45 days allowed after the reporting period.

A109.B: The July 1 - December 31, 2020 Semi-Annual Emissions Report was submitted on March 29, 2021 (SBR No. 20210003) within the 90 days allowed. The January 1 - June 30, 2021 Semi-Annual Emissions Report for Operating Permit P100-R2M4 is due 90 days following June 30, 2021, which is after the submission of this report.

A109.C: The 2020 Annual Compliance Certification Report for operating permit P100-R2M4 (January 1 –December 31, 2020) was submitted to NMED AQB and the U.S. Environmental Protection Agency (EPA) on January 28, 2021 (SBR No. 20210001), within 30 days of December 31, 2020, the end of the 12-month reporting period.

All reporting requirements are completed and submitted in accordance with Section B110.

A607 Asphalt Production – Other

A. Asphalt Plant Baghouse – Differential Pressure

Requirement: The baghouse shall be equipped with a device to continually measure the pressure drop across the baghouse.

Monitoring: The permittee shall monitor the differential pressure (inches of water) across the filters by the use of a differential pressure gauge. Pressure gauge readings and the time period the rotary dryer drum operates shall be recorded by a datalogger each time the rotary dryer drum is operating. The pressure data shall confirm whether the filter(s) are operating within the unit's specifications.

Recordkeeping: The permittee shall manually record the baghouse pressure drop readings at least once each day the rotary drum dryer operates and maintain records of all baghouse differential pressure readings in accordance with Section B109.

Reporting: The permittee shall submit reports described in Section A109 and in accordance with Section B110.

Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.

☐ **Yes** **Date report submitted:** **Tracking Number:**

☒ **No** **Provide comments and identify any supporting documentation as an attachment.**

Comments: Requirement: The baghouse is equipped with a magnehelic gauge connected to a data-logger to continually monitor the differential pressure across the baghouse.

Monitoring: The differential pressure data is used to confirm proper operation of the baghouse. The differential pressure is measured during rotary dryer drum operation as described below:

1. A datalogger records differential pressure readings every two minutes and transmits the pressure drop data through a leased phoneline to a remote terminal unit.
2. A chart recorder records differential pressure readings and serves as a backup when there is a problem with the remote data-transmission phone communication.
3. The asphalt plant operator manually records the differential pressure readings at each start-up and shut-down daily.

Recordkeeping: Recordkeeping conditions are met using a datalogger, backup chart recorder, and operator's differential pressure entries at the start and end of each operation daily. The Asphalt Plant did not operate during this reporting period, so no pressure data or chart recorder is provided. See ATTACHMENT A607.A.
Records are maintained in accordance with Section B109.

Reporting: Emissions and monitoring reports are submitted on a six-month basis and compliance certification is submitted on an annual basis in accordance with permit conditions A109 and B110. For more information, see comments in Section A605 of this report.

A607 Asphalt Production – Other

B. Asphalt Plant Baghouse - Stack Height (Unit TA-60-BDM)

Requirement: The rotary dryer/baghouse exhaust stack shall be no less than 10 meters in height.

Monitoring: N/A

Recordkeeping: The permittee shall maintain records in accordance with Section B109.

Reporting: The permittee shall submit reports described in Section A109 and in accordance with Section B110.

Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.

☐ **Yes** **Date report submitted:** **Tracking Number:**

☒ **No** **Provide comments and identify any supporting documentation as an attachment.**

Comments: Requirement: The height of the asphalt plant stack has been measured and is no less than 10 meters. The stack is a permanent structure attached to the baghouse fan outlet and its height does not change.

Recordkeeping: Records are maintained in accordance with Section B109.

Reporting: Emissions and monitoring reports are submitted on a six-month basis and compliance certification on an annual basis in accordance with permit conditions A109 and B110. For more information, see comments in Section A605 of this report.

A607 Asphalt Production – Other

C. Asphalt Plant Baghouse – Opacity

Requirement: Visible emissions from the rotary dryer/baghouse exhaust stack shall not exhibit an opacity of 20% or greater averaged over a (6) minute period.

Monitoring: During periods of drum dryer operation, the permittee shall perform six (6) minute opacity readings on the rotary dryer/baghouse stack. Opacity readings shall be performed at least once per month during any month the drum dryer operates. The observations shall be conducted according to 40 CFR 60, Appendix A, Method 9.

Recordkeeping: The permittee shall maintain records of all opacity observations and in accordance with Section B109.

Reporting: The permittee shall submit reports described in Section A109 and in accordance with Section B110.

Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.

☐ **Yes** **Date report submitted:** **Tracking Number:**

☒ **No** **Provide comments and identify any supporting documentation as an attachment.**

Comments: Requirement/Monitoring: LANL has certified visible emissions (opacity) readers on-site who perform monthly six (6) minute opacity readings using the procedures in 40 CFR Part 60, Appendix A, Reference Method 9 to determine compliance with the opacity limitation when the Asphalt Plant is operational. No visible emissions exhibited an opacity of 20% or greater as the Asphalt Plant was not operational during this reporting period. The Asphalt Plant did not operate during this reporting period, so no Method 9 opacity reports were required. See

Attachment A607.C.

Recordkeeping: Records are maintained in accordance with Section B109.

Reporting: Emissions and monitoring reports are submitted on a six-month basis and compliance certification on an annual basis in accordance with permit conditions A109 and B110. For more information, see comments in Section A605 of this report.

A607 Asphalt Production – Other

D. Asphalt Plant Baghouse – Fines Cleanout

Requirement: The permittee shall sequester or remove particulates collected by the control equipment to prevent wind-blown particulate emissions. Recycled baghouse fines shall be recycled into the drum mixer via a closed-loop system.

Monitoring: N/A

Recordkeeping: The permittee shall maintain records in accordance with Section B109.

Reporting: The permittee shall submit reports described in Section A109 and in accordance with Section B110.

Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.

☐ **Yes** **Date report submitted:** **Tracking Number:**

☒ **No** **Provide comments and identify any supporting documentation as an attachment.**

Comments: Requirement: Baghouse fines (particulates) are removed from the baghouse and cyclone by a screw conveyor. The removed fines are recycled into the asphalt production process via a closed loop system. Visible emissions from this system were not observed during this reporting period as the Asphalt Plant was not operational.

Recordkeeping: Records are maintained in accordance with Section B109.

Reporting: Emissions and monitoring reports are submitted on a six-month basis and compliance certification is submitted on an annual basis in accordance with permit conditions A109 and B110. For more information, see comments in Section A605 of this report.

A607 Asphalt Production – Other

E. Asphalt Plant Production Rate (Unit TA-60-BDM)

Requirement: To avoid Compliance Assurance Monitoring (CAM) requirements under 40 CFR 64, the asphalt plant shall limit uncontrolled potential PM emissions by limiting asphalt production to less than or equal to 6,000 tons per year.

Monitoring: The permittee shall monitor the total daily production rate.

Recordkeeping: The permittee shall calculate a weekly rolling, 12-month total production rate and maintain records in accordance with Section B109.

Reporting: The permittee shall submit reports described in Section A109 and in accordance with Section B110.

Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.

☐ **Yes** **Date report submitted:** **Tracking Number:**

☒ **No** **Provide comments and identify any supporting documentation as an attachment.**

Comments: Requirement: The asphalt plant production rate did not exceed 6,000 tons per year as the Asphalt Plant was not operational.

Monitoring: Asphalt production is monitored and recorded on a daily basis when the Asphalt Plant is operational. The weekly rolling 12-month total is calculated and compared to the production limit set in this permit condition. Asphalt production amount is recorded daily in an operation log when the Asphalt Plant is operational. The asphalt production rate for this reporting period did not exceed 6,000 tons per year as the Asphalt Plant was not operational. The 12-month rolling totals are provided in ATTACHMENT A607.E. The Asphalt Plant did not operate during this reporting period, so no daily operation log is provided.

Recordkeeping: Records are maintained in accordance with Section B109.

Reporting: Emissions and monitoring reports are submitted on a six-month basis and compliance certification is submitted on an annual basis in accordance with permit conditions A109 and B110. For more information, see comments in Section A605 of this report.

A607 Asphalt Production – Other

F. Asphalt Plant Operations – General

Requirement: The permittee shall:

1) Install, operate, and maintain equipment in accordance with standard operating procedures, and

2) equip and operate the asphalt processing equipment such as screens, conveyor belts, and conveyor transfer points with dust control systems to control particulate matter emissions, and

3) operate the Plant in accordance with NSR Permit GCP-3-2195G, Section III, A, B, C, D, E, F, and H.

4) Ensure that no visible emissions from the facility are observed crossing the perimeter of the restricted area for no more than 5 minutes during any 2 consecutive hours during facility operations.

Monitoring: The permittee shall perform all monitoring required under NSR Permit GCP-3-2195G.

Recordkeeping: The permittee shall maintain records of all standard operating procedures, records of all maintenance and/or replacement of dust control systems, and all records required under NSR Permit GCP-3-2195G, Section IV.B, and including records of actual hours of operation, records of all required monitoring, daily and weekly total asphalt production and the weekly rolling 12 month total production, number of haul truck trips daily including materials delivery and product, frequency of haul road sweeping, and copies of the applicant's proposed maintenance requirements and records demonstrating conformance with said requirements. The permittee shall maintain records of all compliance test results for total suspended particulates (TSP), particulate matter (PM10), nitrogen oxides, carbon monoxide, and records of all opacity/visible emissions observations performed.

Reporting: The permittee shall submit reports described in Section A109 and in accordance with Section B110.

Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.

☐ **Yes** **Date report submitted:** **Tracking Number:**

☒ **No** **Provide comments and identify any supporting documentation as an attachment.**

Comments: Requirement:

1) No new equipment was installed during this monitoring period. Operational and maintenance requirements are contained in internal plant procedures that are followed by plant operation staff.

2) Dust collection and control systems are in place on screens, conveyor belts, and transfer points to control particulate matter emissions.

3) The asphalt plant is operated in accordance with NSR Permit GCP-3-2195G, Section III A,B,C,D,E,F, and H.

4) Both EPA Reference Methods 9 and 22 are used at the plant to determine the extent of visible emissions. Fugitive dust emissions from the plant did not cross the property boundary or exceed the five (5) minute visible emissions limit during any two consecutive hours of operation as the Asphalt Plant was not operational. The Asphalt Plant did not operate during this reporting period, so no EPA Method 9 or Method 22 reports are provided. See ATTACHMENT A607.C and ATTACHMENT A607.G.

Monitoring: The Asphalt Plant did not operate during this reporting period, so no preventative maintenance records are provided. See ATTACHMENT A607.F.

Recordkeeping: Recordkeeping conditions are met using the following methods: Standard operating procedures are in place and available on site; maintenance and calibrations are performed annually. The maintenance

inspection was last completed on December 2, 2020, and calibration completed on July 1, 2020 and August 13, 2020. The plant's operations logs contain the start time, stop time, daily and monthly hours of operation; asphalt production amounts; day when paved road was swept; and the number of truck trips when the Asphalt Plant is operational. The rolling 12-month totals for production are calculated on the emissions calculation spreadsheet. The rolling 12-month totals are provided in ATTACHMENT A607.E. The Asphalt Plant did not operate during this reporting period, so no operation log is provided. Records located at the facility include fuel delivery tickets for fuel oil and asphalt oil, frequency of road sweeping, calibration procedures, and a procedure that outlines required maintenance.

All compliance test results have been provided to NMED and are available on site.

Reporting: Emissions and monitoring reports are submitted on a six-month basis and compliance certification is submitted on an annual basis in accordance with permit conditions A109 and B110. For more information, see comments in Section A605 of this report.

A607 Asphalt Production – Other

G. Asphalt Plant Fugitive Dust

Requirement: Fugitive dust emissions from asphalt processing equipment, including the system used to recycle fabric filter fines, shall exhibit no more than five (5) minutes of visible emissions during any two consecutive hours. This condition does not apply to fugitive dust emissions from other support operations such as storage piles, front end loaders, or materials handling around the asphalt process equipment.

Monitoring: The permittee shall perform a Method 22 test at least once per month on all screens, conveyor drop points, and hoppers during the months the asphalt plant operates. The duration of the test shall be a minimum of ten (10) minutes. If visible emissions are observed for more than two (2) minutes, the Method 22 test shall continue for two (2) hours or until scheduled operation of the plant ends.

Recordkeeping: The permittee shall maintain records of all equipment standard operating procedures, records of all maintenance and/or replacement of dust control systems, results of all visible emissions observations, and all records required under NSR Permit GCP-3-2195G.

Reporting: The permittee shall submit reports described in Section A109 and in accordance with Section B110.

Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.

☐ **Yes**	**Date report submitted:**	**Tracking Number:**
☒ **No**	**Provide comments and identify any supporting documentation as an attachment.**	

Comments: Requirement: The asphalt plant did not emit fugitive dust that exceeded five (5) minutes of visible emissions during any two (2) consecutive hours as the Asphalt Plant was not operational during this reporting period.

Monitoring: EPA Method 22 tests are performed once per month when the plant operates. The Asphalt Plant did not operate during this reporting period, so no EPA Method 22 readings are provided. See ATTACHMENT A607.G. LANL has certified visible emission (opacity) readers on-site who perform monthly ten (10) minute readings using 40 CFR Part 60, Appendix A, Reference Method 22 to determine compliance with the opacity limitation when the

Asphalt Plant is operational. No visible emissions exhibited an opacity of 20% or greater as the Asphalt Plant was not operational during this reporting period.

Recordkeeping: The standard operating procedure, maintenance and repair records, and visible emissions observations are maintained at the plant site. All other records required under the NSR permit are also available on site.

Reporting: Emissions and monitoring reports are submitted on a six-month basis, and compliance certification on an annual basis, in accordance with permit conditions A109 and B110. For more information, see comments in Section A605 of this report.

A707 Other – Beryllium Activities

A. Operational Requirements – Beryllium Activities

Source	Operating Requirements	Process Limits	Control Equipment Requirements
Sigma Facility TA-3-66	Beryllium operations will consist of registered metallographic operations, electroplating /chemical milling, and relocated machining, and arc melting/casting sources.	None	Metallographic operations and electroplating /chemical milling operations shall be conducted in aqueous solution or lubricant bath. Emissions from machining and arc melting/casting operations shall be exhausted through a HEPA filtration system prior to entering the atmosphere.
Beryllium Technology Facility TA-3-141	The continuous emission monitor will be maintained in accordance with the Laboratory's quality program.	Beryllium processed by the facility will not exceed 10,000 pounds per calendar year. Beryllium processed by the facility will not exceed 1000 pounds per day.	All processes shall be exhausted through a HEPA filtration system prior to entering the atmosphere. Powder operations, other than closed glovebox operations, and machining operations, other than the processes used in metallographic preparation shall be exhausted through a cartridge filtration system then through the HEPA filtration system. Metallographic preparation activities shall be conducted in lubricating baths or equivalent. (NSR permit 634-M2)
Target Fabrication Facility TA-35-213	Beryllium operations will consist of only beryllium machining	None	All processes shall be exhausted through a HEPA filtration system prior to entering the atmosphere.

	and associated cleanup activities.		
Plutonium Facility TA-55-PF4	Regulated beryllium activities will be ducted through the pollution control equipment and out the north or south stack of PF-4. (NSR Permit 1081-M1-R3, Specific Condition 1.b., partial, revised) The electric furnace shall be enclosed in a glove box, have a maximum operating temperature of 1600 degrees centigrade, and an inside volume space less than 1.1 cubic feet. (NSR Permit 1081-M1-R6, Specific Condition 1.d., partial, revised)	44 pounds of beryllium (20 kg) in any 24 hour period; 1100 pounds/year (500 kg/year) using a rolling total. (NSR Permit 1081-M1-R3, Specific Condition 1.c.)	Weld cutting, weld dressing, metallography, and electric furnace operations shall be controlled with 4 HEPA filters with a control efficiency of 99.95% each. (NSR Permit 1081-M1-R1, Condition 3, partial, revised) The non-accessible filters shall be replaced when the pressure drop across the filter either falls to levels indicating filter breakthrough or increases to levels indicative of excessive loading. (NSR Permit 1081-M1-R1, Condition 3, partial, revised)

B. Emissions Monitoring Requirements – Beryllium Activities

Source	Monitoring Requirements
Sigma Facility TA-3-66	A log shall be maintained during operations, which shows the number of metallographic specimens used in the metallographic operation and the weight or volume of Be samples processed in the electroplating/chemical milling, machining, and arc melting/casting operations.
Beryllium Technology Facility TA-3-141	Facility exhaust stack will be equipped with a continuous emission monitor used to measure beryllium emissions. Cartridge and HEPA filters shall be equipped with differential pressure gauges that measure the differential pressure across the cartridge and HEPA filters while the exhaust fans are in operation. (NSR permit 634-M2)
Target Fabrication Facility TA-35-213	Records of the stack emission test results (see Condition 2 of NSR Permit No. 632) and other data needed to determine total emissions shall be retained at the source and made available for inspection by the Department.
Plutonium Facility TA-55-PF4	The HEPA filtration systems shall be equipped with a differential pressure gauge that measures the differential pressure (inches of water) across the HEPA filters while the

	exhaust fans are in operation. (NSR Permit 1081-M1-R3, Condition 11) Control efficiency shall be verified by daily HEPA filter pressure drop tests and annual HEPA filter challenge tests of accessible filters. (NSR Permit 1081-M1-R1, Condition 3, partial, revised) The furnace temperature shall be continuously monitored and the flow rate from the glove box containing the furnace shall be measured once during each metal melt operation. (NSR Permit 1081-M1-R6, Condition 11, revised)

C. Recordkeeping Requirements – Beryllium Activities

Source	Recordkeeping Requirements
Sigma Facility TA-3-66	Recordkeeping for this source is specified in Condition A707.B.
Beryllium Technology Facility TA-3-141	Generate and maintain beryllium inventory records to demonstrate compliance with the 10,000 pounds of beryllium per calendar year and the 1000 pounds of beryllium per day processing limit. Record pressure drop across the cartridge and HEPA filters once per day that the exhaust fans are in operation and the facility is occupied. Record control equipment maintenance and repair activities. (NSR permit 634-M2)
Target Fabrication Facility TA-35-213	Recordkeeping for this source is specified in Condition A707.B.
Plutonium Facility TA-55-PF4	Stack emission test results and facility operating parameters including a daily record of the pressure drop measured across each appropriate HEPA plenum filtration stage, when the exhaust fans are operating. (NSR Permit 1081-M1-R3, Condition 9, partial, revised) A copy of the annual HEPA test, a log of the daily pressure drop readings and a control equipment maintenance log shall be kept. This documentation shall be provided upon request. (NSR Permit 1081-M1-R1, Condition 3, partial, revised) A log of the filter replacement shall be kept and shall be made available to the Department personnel upon request. (NSR Permit 1081-M1-R1, Condition 3, partial, revised)

	The permittee shall keep records of the number and weight of classified parts processed during a 24-hour period and year using a rolling total. Records shall be made available to properly cleared Department personnel upon request. (NSR Permit 1081-M1-R3, Condition 9, partial, revised) The permittee shall for each use of the furnace record the following operating parameters: metal type, theoretical melting point of the metal, metal melt duration once melting is commenced, maximum furnace temperature and glove box flow rate. (NSR Permit 1081-M1-R6, Condition 9, partial, revised) A record of the furnace's internal volume shall be maintained at the facility. (NSR Permit 1081-M1-R6, Condition 9, partial, revised)

D. Reporting Requirements – Beryllium Activities

Source	**Reporting Requirements**
Sigma Facility TA-3-66	The permittee shall submit reports described in Section A109 and in accordance with Section B110.
Beryllium Technology Facility TA-3-141	Anticipated date of initial startup of each new or modified source not less than thirty (30) days prior to the date. Actual date of initial startup of each new or modified source within fifteen (15) days after the startup date. Provide the date when each new or modified emission source reaches the maximum production rate at which it will operate within fifteen (15) days after that date. Notify the Department within 60 days after each calendar quarter of the facility's compliance status with the permitted emission rate from the continuous monitoring system. Provide any data generated by activities described in the Quality Assurance Project Plan (QAPP) that will assist the Air Quality Bureau's Enforcement Section in determining the reliability of the methodology used for demonstrating compliance with the permitted emission rate within 45 days of such a request. The permittee shall submit reports described in Section A109 and in accordance with Section B110.
Target Fabrication Facility TA-35-213	The permittee shall submit reports described in Section A109 and in accordance with Section B110.
Plutonium Facility TA-55-PF4	Stack emission test results and facility operating parameters will be made available to Department personnel upon request. Reports may be required to be submitted to the Department if inspections of the source indicate noncompliance with this permit or as a means of determining compliance.

	The permittee shall submit reports described in Section A109 and in accordance with Section B110.

Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.

☒ **Yes** **Date report submitted:** February 2, 2021; May 6, 2021 **Tracking Number:** Activity No.: 000856-02022021-01; Activity No.: 000856-05052021-01

☐ **No** **Provide comments and identify any supporting documentation as an attachment.**

Comments: A707.A Operational Requirements - Beryllium Activities:

TA-3-66 In LANL's continuing effort to consolidate beryllium operations to the Beryllium Technology Facility (BTF, TA-03-141), a beryllium permitted facility that has continuous emissions monitoring for beryllium, metallographic operations were moved from TA-3-66 to the BTF. Please see the TA-3-141 section below for comments. Electroplating/chemical milling operations are conducted in aqueous solution or lubricant bath. Emissions from machining and arc melt/casting operations are exhausted through a HEPA filtration system prior to entering the atmosphere.

TA-3-141 The continuous emission monitor is maintained in accordance with LANL's quality program. Beryllium processing records are available on-site for inspection. No process limits were exceeded during this reporting period.

All processes are exhausted through a HEPA filtration system prior to entering the atmosphere. Powder operations, other than closed glovebox operations, and machining operations, other than the processes used in metallographic preparation, are exhausted through a cartridge filtration system and then through the HEPA filtration system. Metallographic preparations are conducted in lubricating baths or equivalent.

TA-35-213 All processes are exhausted through a HEPA filtration system prior to entering the atmosphere. Beryllium operations consist of only beryllium machining and associated cleanup activities.

TA-55-PF4 All beryllium activities are ducted through the facility's pollution control equipment and out the north or south stack of PF-4. Weld cutting, weld dressing, and metallography operations are controlled using four (4) HEPA filters with a control efficiency of 99.95% each. The non-accessible filter is replaced when the pressure differential across the filter indicates breakthrough or excessive loading.

No process limits were exceeded during this reporting period.

The electric furnace did not operate during this reporting period.

A707.B - Emissions Monitoring Requirements - Beryllium Activities:

TA-3-66 In LANL's continuing effort to consolidate beryllium operations to the Beryllium Technology Facility (BTF, TA-03-141), a beryllium permitted facility that has continuous emissions monitoring for beryllium, metallographic operations were moved from TA-3-66 to the BTF. Please see the TA-3-141 section below for comments. Log books are maintained for the weight or volume of samples processed in the electroplating/chemical milling, machining, and arc melting/casting operations. The log books are kept on-site and are available for inspection. Data from the log books are included in ATTACHMENT A707.B.a.

TA-3-141 The facility exhaust stack has a built-in sampling system used to continuously sample beryllium emissions. Cartridge and HEPA filters are equipped with differential pressure gauges that measure differential pressure when exhaust fans are operating and the facility is occupied.

TA-35-213 A copy of stack emission test results as well as other data needed to determine total emissions are retained at the source and are available for inspection. Log books documenting beryllium processing are on-site and are available for inspection. Data from the beryllium processing logs are included in ATTACHMENT A707.B.b.

TA-55-PF4 The HEPA filtration system contains a differential pressure gauge that measures differential pressure across the HEPA filters while the exhaust fans are in operation. The control efficiency is verified by daily HEPA filter pressure drop tests. Annual HEPA filter challenge tests are performed to verify filter control efficiency. The HEPA filter challenge tests are scheduled for the second half of 2021. See ATTACHMENT A707.C.b.

The electric furnace did not operate during this reporting period.

A707.C Recordkeeping Requirements - Beryllium Activities:

TA-3-66 Recordkeeping for this source is specified in Condition A707.B.
TA-3-141 Inventory records are maintained to demonstrate compliance with beryllium process limits. Records of pressure drop across the cartridge and HEPA filters are performed daily when the exhaust fans are in operation and the facility is occupied. Control equipment maintenance and repair activities are recorded. HEPA filter differential pressure readings are included in ATTACHMENT A707.C.a. The exhaust fans were not in operation February 15-17, 2021. On February 18, 2021, the exhaust fans were in operation, but the facility was not occupied (no berylllium was being processed). Thus, HEPA filter differential pressure readings are not required on the above dates.

TA-35-213 Recordkeeping for this source is specified in Condition A707.B.

TA-55-PF4 A copy of the stack emission test results are retained at the source and available for inspection. HEPA filter challenge tests are performed annually. Daily differential pressure readings are provided in ATTACHMENT A707.C.c. Filter replacement and control equipment maintenance and repair records are kept and available on site for inspection. Process records are available that contain the number and weight of classified parts processed during a 24-hour period and annual rolling total.

The electric furnace did not operate during this reporting period.

A707.D Reporting Requirements - Beryllium Activities:

For all beryllium sources, reports are submitted in accordance with permit conditions A109 and in accordance B110. For more information, see Section A605 in this report.
There were no new or modified emission sources during the reporting period.
TA-3-141 Quarterly beryllium reports, containing continuous monitoring system data from the Beryllium Technology Facility, are also submitted to NMED. Reports during this reporting period were submitted within 60 days following each calendar quarter. The reports were submitted on February 2, 2021 for 2020Q4 (Activity No.:

000856-02022021-01) and May 6, 2021 for 2021Q1 (Activity No.: 000856-05052021-01).

A805 Fuel Sulfur Requirements – External Combustion

A. All Boilers and Heaters (except Units RLUOB-BHW-1 through -4)

Requirement: All boilers and heaters, except Units RLUOB-BHW-1 through -4 and the Power Plant addressed in Section A1300 shall combust only natural gas containing no more than 2 grains of total sulfur per 100 dry standard cubic feet.

Monitoring: None.

Recordkeeping: The permittee shall demonstrate compliance with the natural gas limit on total sulfur content by maintaining records of a current, valid purchase contract, tariff sheet or transportation contract for the gaseous fuel, or fuel gas analysis, specifying the allowable limit or less. If fuel gas analysis is used, the analysis shall not be older than one year.

Reporting: The permittee shall submit reports described in Section A109 and in accordance with Section B110.

Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.

☐ **Yes** **Date report submitted:** **Tracking Number:**

☒ **No** **Provide comments and identify any supporting documentation as an attachment.**

Comments: Requirement: A natural gas transportation contract is in place, and states that gas provided to LANL will be pipeline quality and contain no more than three quarters (3/4) grains of total sulfur per one hundred (100) dry standard cubic feet.

Recordkeeping: A copy of LANL's natural gas transportation contract is maintained on-site.

Reporting: Emissions and monitoring reports are submitted on a six-month basis and compliance certification on an annual basis in accordance with permit conditions A109 and B110. For more information, see comments in Section A605 of this report.

A805 Fuel Sulfur Requirements – External Combustion

B. Units RLUOB-BHW-1 through -4

Requirement: Units RLUOB-BHW-1 through -4 shall combust either natural gas containing no more than 2.0 grains of total sulfur per 100 dry standard cubic feet or No. 2 fuel oil containing no more than 0.5 wt% total sulfur. (NSR Permit 2195N-R2, Specific Condition 1.c.)

Monitoring: None.

Recordkeeping: The permittee shall demonstrate compliance with the natural gas limit and/or fuel oil limit on total sulfur content by maintaining records of a current, valid purchase contract, tariff sheet or transportation contract for the gaseous or liquid fuel, or fuel analysis, specifying the allowable limit or less. If a fuel analysis is used, the analysis shall not be older than one year. (NSR Permit 2195N-R2, Specific Condition 3.c., revised) Alternatively, compliance may be demonstrated by keeping a receipt or invoice from a commercial fuel supplier with each fuel delivery, which shall include the delivery date, the fuel type delivered, and amount of fuel delivered, and the maximum sulfur content of the fuel.

Reporting: The permittee shall submit reports described in Section A109 and in accordance with Section B110.

Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.

☐ **Yes**	**Date report submitted:**	**Tracking Number:**
☒ **No**	**Provide comments and identify any supporting documentation as an attachment.**	

Comments: Requirement: A natural gas transportation contract is in place, and states that gas provided to LANL will be pipeline quality and contain no more than three quarters (3/4) grains of total sulfur per one hundred (100) dry standard cubic feet.

Fuel oil is under a purchase contract and only Ultra Low Sulfur Diesel (ULSD) is delivered to the facility.
ULSD contains less than 0.0015 wt% total sulfur.

Recordkeeping: A copy of the transportation contract and purchase contract are maintained on-site. No fuel oil was purchased for the RLUOB boilers during this reporting period.

Reporting: Emissions and monitoring reports are submitted on a six-month basis, and compliance certification is submitted on an annual basis in accordance with permit conditions A109 and B110. For more information, see comments in Section A605 of this report.

A806 20.2.61 NMAC Opacity – External Combustion

A. All Boilers and Heaters (except Units RLUOB-BHW-1 through -4)

Requirement: Exhaust emissions from these external combustion sources shall not exceed 20% opacity averaged over a 10-minute period.

Monitoring: Use of natural gas fuel meeting the requirement at Condition A805.A constitutes compliance with 20.2.61 NMAC unless opacity exceeds 20% averaged over a 10-minute period. When any visible emissions are observed during steady state operation and are determined to be not due to condensed water vapor only, opacity shall be measured over a 10-minute period, in accordance with the procedures at 40 CFR 60, Appendix A, Method 9 as required by 20.2.61.114 NMAC.

Recordkeeping: The permittee shall record dates of any opacity measurements and the corresponding opacity readings.

Reporting: The permittee shall report dates of any opacity measurements and the corresponding opacity readings. The permittee shall submit reports described in Section A109 and in accordance with Section B110.

Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.

☐ **Yes** **Date report submitted:** **Tracking Number:**

☒ **No** **Provide comments and identify any supporting documentation as an attachment.**

Comments: Requirement: LANL has certified visible emission readers on-site who perform observations using 40 CFR 60, Appendix A, Method 9 to determine compliance with the opacity limitation. No visible emissions were observed during steady state operations during this reporting period.

Monitoring: Use of natural gas for combustion meets the requirement of Condition A805.A.

Recordkeeping: A standard form is used for all opacity measurements. The form includes the date of measurement and opacity observed. Opacity readings were not required during this reporting period. See ATTACHMENT A806.A.

Reporting: Emissions and monitoring reports are submitted on a six-month basis and compliance certification is submitted on an annual basis in accordance with permit conditions A109 and B110. For more information, see comments in Section A605 of this report.

A806 20.2.61 NMAC Opacity – External Combustion

B. Units RLUOB-BHW-1 through -4: Natural Gas-Fired

Requirement: Exhaust emissions from these external combustion sources shall not exceed 20% opacity averaged over a 10-minute period.

Monitoring: Use of natural gas fuel meeting the requirement at Condition A805.A constitutes compliance with 20.2.61 NMAC unless opacity exceeds 20% averaged over a 10-minute period. When any visible emissions are observed during steady state operation and are determined to be not due to condensed water vapor only, opacity shall be measured over a 10-minute period, in accordance with the procedures at 40 CFR 60, Appendix A, Method 9 as required by 20.2.61.114 NMAC.

Recordkeeping: The permittee shall record dates of any opacity measurements and the corresponding opacity readings.

Reporting: The permittee shall report dates of any opacity measurements and the corresponding opacity readings. The permittee shall submit reports described in Section A109 and in accordance with Section B110.

Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.

☐ **Yes** **Date report submitted:** **Tracking Number:**

☒ **No** **Provide comments and identify any supporting documentation as an attachment.**

Comments: Requirement: LANL has certified visible emission readers on-site who perform observations using 40 CFR 60, Appendix A, Method 9 to determine compliance with the opacity limitation. No visible emissions were observed during steady state operations during this reporting period.

Monitoring: The natural gas used by these units meets the requirement of Condition A805.A.

Recordkeeping: A standard form is used for all opacity measurements. The form includes the date of measurement and opacity observed. No opacity readings were required during this reporting period.

Reporting: Emissions and monitoring reports are submitted on a six-month basis and compliance certification on an annual basis in accordance with permit conditions A109 and B110. For more information, see comments in Section A605 of this report.

A806 20.2.61 NMAC Opacity – External Combustion

C. Units RLUOB-BHW-1 through -4: Fuel Oil-Fired

Requirement: Exhaust emissions from these external combustion sources shall not exceed 20% opacity averaged over a 10-minute period.

Monitoring: The permittee shall perform a least one (1) opacity observation each day that fuel oil is used to fire any of Units RLUOB-BHW-1 through -4. Opacity shall be measured over a 10-minute period, in accordance with the procedures at 40 CFR 60, Appendix A, Method 9 as required by 20.2.61.114 NMAC. (NSR Permit 2195N-R2, Specific Condition 3.d., revised)

Recordkeeping: The permittee shall record dates of any opacity measurements and the corresponding opacity readings. (NSR Permit 2195N-R2, Specific Condition 4.b., revised)

Reporting: The permittee shall report dates of any opacity measurements and the corresponding opacity readings. The permittee shall submit reports described in Section A109 and in accordance with Section B110.

Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.

☐ **Yes**	**Date report submitted:**	**Tracking Number:**
☒ **No**	**Provide comments and identify any supporting documentation as an attachment.**	

Comments: Requirement: LANL has certified visible emission readers on-site who perform observations using 40 CFR 60, Appendix A, Method 9 to determine compliance with the opacity limits.

Monitoring: No fuel oil was used in these units during this reporting period. No opacity measurements were taken during this reporting period.

Recordkeeping: The opacity form includes the date of measurement and opacity observed. No fuel oil was burned during this reporting period, and therefore, no opacity readings were taken and no records were generated. See ATTACHMENT A806.C. for details.

Reporting: Emissions and monitoring reports are submitted on a six-month basis and compliance certification submitted on an annual basis in accordance with permit conditions A109 and B110. For more information, see comments in Section A605 of this report.

A807 Other – External Combustion

A. Natural Gas Fuel Usage (Sources listed in Table 800.A except RLUOB-BHW-1 through -4)

Requirement: The combined natural gas fuel usage shall be limited to 870 MMscf/y. This limitation shall apply to all boilers and heaters listed in Table 800.A except Units RLUOB-BHW-1 through -4, but including all other boilers and heaters at the Facility that qualify as Title V Insignificant Activities.

Monitoring: The permittee shall monitor the monthly total volumetric flow of natural gas to Units TA-55-6-BHW-1 and TA-55-6-BHW-2 through use of a totalizing flow meter.

Recordkeeping: The permittee shall:

1) Calculate the monthly rolling 12-month total natural gas fuel usage for the emission units listed in Table 800.A except Units RLUOB-BHW-1 through -4.

2) Calculate the actual emissions rate for the emission units listed in Table 800.A except Units RLUOB-BHW-1 through -4. The calculation shall be based on the actual fuel usage of Units equipped with individual flow meters and the Facility-Wide metered or estimated natural gas usage.

3) Calculate the semiannual and annual total emissions rate (tons/year) for this source category and compare them to the emission limits in Table 802.A. The permittee shall maintain records in accordance with Section B109.

Reporting: The permittee shall submit reports described in Section A109 and in accordance with Section B110.

Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.

☐ **Yes** **Date report submitted:** **Tracking Number:**

☒ **No** **Provide comments and identify any supporting documentation as an attachment.**

Comments: Requirement: For units listed under this permit condition, a 12-month rolling total of natural gas used is calculated and recorded each month. The rolling total is compared to the fuel use limit each month. Natural gas usage limits were not exceeded during this reporting period. Natural gas usage and rolling totals are provided in ATTACHMENT A807.A.

Monitoring: Units TA-55-6-BHW-1 and TA-55-6-BHW-2 have volumetric flow meters in place to monitor monthly natural gas use. Fuel use information for the TA-55 units listed in this condition is included in ATTACHMENT A807.A.

Recordkeeping:

1) Monthly rolling 12-month total natural gas fuel use is calculated for the permitted units listed in Table 800.A.

2) The actual emission rate is calculated for the units listed in Table 800.A. This calculation uses actual fuel use data from individual unit flow meters and facility wide metered natural gas.

3) The emissions rate is calculated every six months and annually for this source category, and compared to the permit limits. Records are maintained in accordance with Section B109.

Reporting: Emissions and monitoring reports are submitted on a six-month basis and compliance certification on an annual basis in accordance with permit conditions A109 and B110. For more information, see comments in Section A605 of this report.

A807 Other – External Combustion

B. Natural Gas and Fuel Oil Usage (Units RLUOB-BHW-1 through -4)

Requirement: The permittee shall comply with the emission limits in Table 802.B for each fuel type.

Monitoring: The permittee shall:

1) Monitor the monthly total volumetric flow of natural gas to Units RLUOB-BHW-1 through -4 using a totalizing flow meter. (NSR Permit 2195N-R2, Specific Condition 3.a., partial, revised)

2) Monitor the daily fuel oil consumption during which any of the 4 RLUOB boilers are fired with this fuel type. (NSR Permit 2195N-R2, Specific Condition 3.a, partial, revised)

3) Monitor the hours of operation for each boiler when fired on fuel oil and during non-emergency maintenance and readiness testing.

Recordkeeping: The permittee shall:

1) Calculate and record the annual fuel oil usage for Units RLUOB-BHW-1 through -4 as a daily rolling 365-day total.

2) Calculate and record the semiannual and calendar year total emissions rate (tons/year) for each fuel type and for the combination of both fuels compare to the emission limits in Table 802.B.

3) Record the annual hours of operation of each boiler when fired on fuel oil during non-emergency maintenance and readiness testing and compare to the limitation at Condition A804.B.

4) The permittee shall maintain records in accordance with Section B109.

Reporting: The permittee shall submit reports described in Section A109 and in accordance with Section B110.

Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.

☐ **Yes** **Date report submitted:** **Tracking Number:**

☒ **No** **Provide comments and identify any supporting documentation as an attachment.**

Comments: Requirement: The initial compliance test was used to demonstrate compliance with the emission limits for natural gas use. Vendor data are also used to determine compliance with emission limits for fuel oil and natural gas. All concentrations and emission rates were below permitted limits in Table 802.B.

Monitoring:

1) A totalizing flow meter is in place and measures natural gas used by the RLUOB boilers. The natural gas fuel use data is provided in ATTACHMENT A807.A.

2) Daily fuel oil consumption is monitored by facility personnel using meter readings from each boiler. No fuel oil was burned during this reporting period. See ATTACHMENT A807.B for details.

3) The hours of operation of each boiler are recorded by facility personnel each time a boiler is run on fuel oil. The purpose of running the boilers is also recorded.

Recordkeeping:

1) Annual fuel oil usage is calculated and recorded on a daily rolling 365-day total. No fuel oil was burned during this reporting period.

2) The emissions rate is calculated on a six-month and annual basis for each fuel type and for both fuels combined. Emissions are compared to permit limits and data are provided to NMED in accordance with permit condition A109.

3) Annual hours of operation for each boiler are recorded when fired on fuel oil during non-emergency use. The total hours are compared to the hour limit in permit condition A804.B. No fuel oil was used during this reporting period and no records were generated.
4) Records are maintained in accordance with Section B109.

Reporting: Emissions and monitoring reports are submitted on a six-month basis and compliance certification on an annual basis in accordance with permit conditions A109 and B110. For more information, see comments in Section A605 of this report.

A807 Other – External Combustion

C. 40 CFR 60, Subpart Dc (Units TA-55-6-BHW-1, TA-55-6-BHW-2, RLUOB-BHW-1 through -3)

Requirement: The units are subject to 40 CFR 60, Subpart Dc and the permittee shall comply with the following applicable requirements:

1. When combusting oil in the affected boilers, meet the 0.5 weight percent fuel sulfur standard in 40 CFR 60.42c(d). This standard applies at all times per §60.42c(i). The permittee shall demonstrate compliance per the requirements of §60.42c(h).

Monitoring: The permittee shall comply with the fuel supplier certification requirements in 40 CFR 60.46c(e). The permittee shall monitor fuel usage to meet the recordkeeping requirements of 40 CFR 60.48c(g).

Recordkeeping: The permittee shall comply with the recordkeeping requirements of 40 CFR 60.48c(c), (f) and (g) 40 CFR 60.7(b) and (f) and maintain the records according to §60.48c(i) except when records are required to be maintained for a longer time period in accordance with Section B109.

Reporting: The permittee shall comply with the initial notification requirements of 40 CFR 60.48c(a) and 40 CFR 60.7(a)(1), (a)(4) and (g) and the periodic reporting requirements of 40 CFR 60.48c(b), (d), (e)(11) and (f). Reports shall be submitted according to §60.48c(j). The reporting period may be modified to coincide with the Semi-Annual reporting period in Section A109. The permittee shall report in accordance with Section B110.

Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.

☐ **Yes** **Date report submitted:** **Tracking Number:**

☒ **No** **Provide comments and identify any supporting documentation as an attachment.**

Comments: Requirement: Units TA-55-6-BHW-1, TA-55-6-BHW-2, RLUOB-BHW-1, RLUOB-BHW-2, and RLUOB-BHW-3 meet the requirements of 40 CFR Part 60, Subparts A and Dc. Notification requirements were met through source startup notifications and initial permit applications.

Monitoring: The amount of fuel oil combusted is monitored and recorded on a monthly basis. Fuel sulfur requirements are tracked and addressed in a fuel oil purchase contract, delivery receipts, and the natural gas transportation contract. No fuel oil was purchased during this reporting period.

Recordkeeping: Fuel sulfur content information and fuel use records are maintained on site for at least five (5) years as required by the operating permit.

Reporting: Emissions and monitoring reports are submitted on a six-month basis and compliance certification on

an annual basis in accordance with permit conditions A109 and B110. For more information, see comments in Section A605 of this report.

A807 Other – External Combustion

D. 40 CFR 60, Subpart Dc (New Unit RLUOB-BHW-4)

Requirement: This unit is subject to 40 CFR 60, Subpart Dc and the permittee shall comply with the following applicable requirements:

1. When combusting oil in the affected boilers, meet the 0.5 weight percent fuel sulfur standard in 40 CFR 60.42c(d), and (g). This standard applies at all times per §60.42c(i). The permittee shall demonstrate compliance per the requirements of §60.42c(h).
2. For new boiler RLUOB-BHW-4, the permittee shall demonstrate initial compliance with the SO2 standard through a certification from the fuel supplier per 40 CFR 60.44c(h).

Monitoring: The permittee shall comply with the fuel supplier certification requirements in 40 CFR 60.46c(e). The permittee shall monitor fuel usage to meet the recordkeeping requirements of 40 CFR 60.48c(g).

Recordkeeping: The permittee shall comply with the recordkeeping requirements of 40 CFR 60.48c(c), (f) and (g) and 40 CFR 60.7(b) and (f) and maintain the records according to §60.48c(i) except when records are required to be maintained for a longer time period in accordance with Section B109.

Reporting: The permittee shall comply with the initial notification requirements of 40 CFR 60.48c(a) and 40 CFR 60.7(a)(1), (a)(3) and (g) and the periodic reporting requirements of 40 CFR 60.48c(b), (d), (e)(11) and (f). Reports shall be submitted according to §60.48c(j). The reporting period may be modified to coincide with the Semi-Annual reporting period in Section A109.

Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.

☐ **Yes** **Date report submitted:** **Tracking Number:**

☒ **No** **Provide comments and identify any supporting documentation as an attachment.**

Comments: Requirement: LANL purchases only fuel oil with ultra low sulfur content; fuel oil was not used during this reporting period. See ATTACHMENT 807.C.& D. for details.

RLUOB-BHW-4 has not been installed. When installed, the requirement, monitoring, recordkeeping, and reporting will be conducted in accordance with the requirements listed in the current permit.

A807 Other – External Combustion

E. Initial Compliance Testing (Units RLUOB-BHW-4)

Requirement: Initial compliance tests are required for boiler, Unit RLUOB-BHW-4. The tests shall be conducted for NOx and CO while burning natural gas fuel only. This condition applies only if boiler Unit RLUOB-BHW-4 is not an identical make and model to boiler units RLUOB-BHW-1 through -3. (NSR Permit 2195N-R2, Specific Condition 6.a., revised)

Monitoring: The permittee shall conduct EPA Method tests for CO and NOx within six (6) months of any new boiler start up. Method 19 may be used for determining stack flow rates. This requirement supersedes Condition B111.A(2). Initial compliance testing shall be conducted in accordance with Section B111.

Recordkeeping: The permittee shall maintain records in accordance with Section B109.

Reporting: The permittee shall report in accordance with Section B110 and Section B111.

Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.

☐ **Yes** **Date report submitted:** **Tracking Number:**

☒ **No** **Provide comments and identify any supporting documentation as an attachment.**

Comments: Requirement: Unit RLUOB-BHW-4 has not been installed. When installed, the requirement, monitoring, recordkeeping, and reporting will be conducted in accordance with the requirements listed in the current permit. See ATTACHMENT A807.E. for details.

A807 Other – External Combustion

F. Operational Inspection (Sources listed in Table 800.A)

Requirement: Compliance with the allowable emission limits in Table 802.A shall be demonstrated by performing periodic inspections to ensure proper operations.

Monitoring: The permittee shall conduct annual operational inspections to determine that the boilers are operating properly. The operational inspections shall include operational checks for indications of insufficient excess air, or too much excess combustion air. These operational checks shall include observation of common physical indications of improper combustion, including indications specified by the boiler manufacturer, and indications based on operational experience with these units.

Recordkeeping: The permittee shall maintain records of operational inspections, describing the results of all operational inspections noting chronologically any adjustments needed to bring the boilers into compliance. The permittee shall maintain records in accordance with Section B109.

Reporting: The permittee shall report in accordance with Section B110.

Within ninety (90) days of permit issuance, the permittee shall submit for Department approval a procedure which the permittee will use to carry out the operational inspections. The permittee may at any time submit revisions for Department approval.

Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.

☐ **Yes** **Date report submitted:** **Tracking Number:**

☒ **No** **Provide comments and identify any supporting documentation as an attachment.**

Comments: Requirement/Monitoring: LANL conducts annual operational inspections and preventive maintenance on the permitted boilers listed in the current permit to ensure proper operations.

Recordkeeping: The records of operational inspections and preventive maintenance are maintained in the compliance folders and e-files stored on air quality servers. No annual inspections were completed during the first half of 2021. The annual inspections are scheduled during the second half of 2021. See ATTACHMENT A807.F.a.

Reporting: LANL submitted two procedures that are used to carry out the operational inspections: "Preventive Maintenance Instruction (PMI) 403-A.006: Hot Water Boiler Annual Fireside/Waterside Inspection and Maintenance" for boilers at TA-53 and TA-55 and "Maintenance Procedure UI-PROC-76-28-010: TA-09/16 Steam Plants – Annual Boiler Waterside/Fireside Checklist" for boilers located at TA-16. The procedures were submitted to NMED AQB on May 14, 2015 (SBR20150006) within 90 days after permit P100-R2 issuance. Revisions were last made to PMI 403-A.006 on October 24, 2018. Minor revisions were made to Maintenance Procedure UI-PROC-76-28-010 on September 3, 2020. The revised procedure is included in ATTACHMENT A807.F.b.

A907 Other – Chemical Usage

A. Emission calculations (Unit LANL-FW-CHEM)

Requirement: The permittee shall comply with the facility-wide VOC and HAP emission limits at Table 106.B.

Monitoring: The permittee shall monitor facility-wide chemical purchasing and site location using an electronic chemical tracking system. The quantity of chemicals that are vented to the atmosphere shall be estimated on a semi-annual basis, and categorized as VOC, HAP, or a combination of these categories.

Recordkeeping: The permittee shall record the quantity of total VOC emitted and the quantity of each individual and total HAPs on a semi-annual basis. These records shall be maintained in accordance with Section B109.

Reporting: The permittee shall submit reports described in Section A109 and in accordance with Section B110. With respect to individual HAPs, reports shall include any HAP emitted in a quantity greater than 0.5 tons per year.

Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.

☒ **Yes** **Date report submitted:** March 29, 2021 **Tracking Number:** SBR20210003

☐ **No** **Provide comments and identify any supporting documentation as an attachment.**

Comments: Requirement: Facility-wide emissions did not exceed the VOC or HAP emission limits in Table 106.B.

Monitoring/Recordkeeping: Facility-wide chemical purchases are monitored using ChemDB, an electronic chemical tracking system. The chemical purchase information is used to calculate emissions. Chemical emission information is submitted to NMED every six months in accordance with permit condition A109.B. The semi-annual emissions report for July 1 - December 31, 2020 was submitted to NMED on March 29, 2021 (SBR20210003), within 90 days of the end of the reporting period. Records of chemical purchases for this monitoring period are provided in ATTACHMENT A907.A.

Reporting: Facility-wide VOC and HAPs emissions are calculated, recorded, and reported on a six-month basis in accordance with permit conditions A109.B, B109, and B110. The semi-annual emissions report includes individual HAPs emitted in a quantity greater than 0.5 tons per year.

A907 Other – Chemical Usage

B. Emission calculations (Unit RLUOB-CHEM)

Requirement: The permittee shall comply with the source-specific VOC emission limit at Table 902.A and the facility-wide VOC and HAP emission limits at Table 106.B. (NSR Permit 2195N-R2, Specific Condition 2.a., revised)

Monitoring: The permittee shall monitor chemical purchasing for the RLUOB-CHEM facility using an electronic chemical tracking system. The quantity of chemicals that are vented to the atmosphere shall be estimated on a monthly basis, and categorized as VOC, HAP, TAP, or a combination of these categories. (NSR Permit 2195N-R2, Specific Condition 4.c., revised)

Recordkeeping: The permittee shall record the quantity of total VOC and TAP, each individual HAP,and the total HAPs emitted on a monthly rolling, 12-month total basis. These records shall be maintained in accordance with Section B109. (NSR Permit 2195N-R2, Specific Condition 4.c., revised)

Reporting: The permittee shall submit reports described in Section A109 and in accordance with Section B110. With respect to individual HAPs, reports shall include any HAP emitted in a quantity greater than 0.5 tons per year.

Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.

☐ **Yes** **Date report submitted:** **Tracking Number:**

☒ **No** **Provide comments and identify any supporting documentation as an attachment.**

Comments: Requirement: Source specific VOC and facility-wide VOC and HAP emissions are in compliance with emission limits set in Tables 902.A and 106.B in NSR Permit 2195N-R2.

Monitoring: Chemical purchasing for the RLUOB-CHEM facility are monitored using ChemDB, an electronic chemical tracking system. Records of chemical purchases for the reporting period are provided in ATTACHMENT A907.B.a. The quantities of chemicals that are vented to the atmosphere are estimated on a monthly basis and are categorized as VOC, HAP, TAP, or a combination of these categories. The quantities of chemicals for this reporting period are provided in ATTACHMENT A907.B.b.

Recordkeeping: The quantity of total VOC and TAP, individual HAP, and the total HAPs emitted are recorded on a monthly rolling, 12–month total basis. Records are maintained in accordance with Section B109.

Reporting: Emissions and monitoring reports are submitted on a six-month basis and compliance certification on an annual basis in accordance with permit conditions A109 and B110. The semi-annual emission report includes individual HAPs emitted in a quantity greater than 0.5 tons per year. For more information, see comments in Section A605 of this report.

A1007 Other – Degreasers

A. Operational Requirements (Degreasers)

Requirement: The permittee shall comply with the applicable requirements according to 40 CFR 63, Subpart T, including, but not limited to:

1) Ensure the degreaser is closed with a tight fitting cover whenever not in use, and
2) Maintain a freeboard ratio of 0.75 or greater, and
3) Collect and store all waste solvent and wipe rags in closed containers, and
4) Perform flushing within the freeboard area only, and
5) Allow cleaned parts to drip for 15 seconds or until dripping stops, and
6) Do not exceed the fill line on the solvent level, and
7) Wipe up spills immediately, and
8) Do not create observable splashing with agitation device, and
9) Ensure that the degreaser is not exposed to drafts greater than 40 meters/min, and
10) Do not clean sponges, fabric, wood, or paper.

Monitoring: The permittee shall monitor and record the amount of solvent added to the degreaser.

Recordkeeping: The permittee shall:

1) Calculate the actual emissions rate (pounds/month) of VOC and HAPs based on the quantity of solvent lost to evaporation on a monthly basis.
2) Calculate the semi-annual emissions rate (tons/year) for this source category and add to the facility-wide emission rates in Table 106.B.
3) Maintain records of the degreaser solvent content and quantity added and work practice checklists.
4) The permittee shall maintain records in accordance with Section B109.

Reporting: The permittee shall submit reports described in Section A109 and in accordance with Section B110.

Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.

☐ **Yes**	**Date report submitted:**	**Tracking Number:**
☒ **No**	**Provide comments and identify any supporting documentation as an attachment.**	

Comments: An exemption notice was submitted on April 9, 2018 and was approved by NMED on May 8, 2018 for a non-halogenated solvent to be used in the degreaser. LANL intends to keep the flexibility to use the halogenated solvent in the future and therefore is continuing to comply with all permit requirements, regardless of which solvent is being used.

Requirement:

1) The degreaser is kept closed with a tight fitting cover when it is not being used.

2) A freeboard ratio of 0.75 or greater is maintained.

3) All waste solvent and solvent contaminated wipe rags are collected and stored in closed containers.

4) Flushing operations are performed only within the freeboard area.

5) Cleaned parts are allowed to drip for 15 seconds or until dripping stops.

6) The fill line has not been exceeded.

7) Spills are wiped up immediately.

8) Administrative controls are in place to prevent observable splashing with an agitation device.

9) The degreaser is located in a glove box with a set ventilation flow rate. Exhaust flows do not exceed 40 meters/min.

10) Sponges, fabric, wood, or paper are not cleaned in the degreaser.

Monitoring and Recordkeeping: A Degreaser Recordkeeping database is used to track the amount of degreaser solvent added, removed, and lost. This system is used to calculate emissions. The "Degreaser Solvent Usage" report for this period is provided in ATTACHMENT A1007.A.a.

1) The actual emission rate (pounds/month) of VOC and HAPs is automatically calculated by the database when data is entered on a monthly basis.

2) The semi-annual emissions (tons/year) are also calculated by the database. These emissions are included in the facility-wide totals.

3) Checklists for work practice standards have been completed for this reporting period. Records of solvent content and quantity added are maintained on site. A copy of the work practice checklists are provided in ATTACHMENT A1007.A.b.

4) Records for this source category are maintained in accordance with Section B109.

Reporting: Emissions and monitoring reports are submitted on a six-month basis and compliance certification on an annual basis in accordance with permit conditions A109 and B110. For more information, see comments in Section A605 of this report.

A1104 Operational Limitations – Internal Combustion

A. Hours of Operation and Emission Limits for Unit TA-33-G-1P

Requirements:

1) Unit TA-33-G-1P is limited to eight (8) hours of daily operation at full capacity. Operation shall occur between the hours of 7:00 AM and 5:00 PM. (NSR Permit 2195F-R4, Condition A1104.A)

2) Unit TA-33-G-1P is limited to the emissions limits stated in Table 1102.A. (NSR Permit 2195F-R4, Condition A1104.A)

Monitoring: The permittee shall monitor the time(s) of operation each day, and the daily and monthly rolling 12-month total hours of operation for Unit TA-33-G-1P using a non-resettable hour meter. Hours that do not represent hours the unit is operated at the TA-33 site may be monitored separately for subsequent subtraction from the daily and monthly rolling 12-month totals

Recordkeeping: The permittee shall maintain the following records and in accordance with Section B109:

1) The permittee shall keep records of the time(s) of operation each day, and the daily, monthly, and the monthly rolling 12-month total hours of operation of the genset listed above, as indicated on the non-resettable hour meter. The permittee may record and subtract hours of operation that do not represent operating hours at the TA-33 site.

2) The permittee shall calculate the annual emissions of all criteria and hazardous air pollutants from Unit TA-33-G-1P. The permittee may subtract emissions that are not the result of operations at TA-33.

Reporting: The permittee shall submit reports in accordance with Section B110.

Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.

☐ **Yes** **Date report submitted:** **Tracking Number:**

☒ **No** **Provide comments and identify any supporting documentation as an attachment.**

Comments: Requirement: Unit TA-33-G-1P operated for a total of 18.6 hours during this reporting period. Emissions are lower than the limits stated in Table 1102.A. in NSR permit 2195F-R4.

Monitoring: The times of operations are monitored and the generator is equipped with a non-resettable hour meter. The purpose of equipment use at TA-33 and elsewhere are identified in the log sheet provided in ATTACHMENT A1104.A.

Recordkeeping: A log book is located in the trailer that contains the unit. The log book includes hours of operation recorded daily when the equipment operates. The monthly rolling 12-month total hours of operation are calculated in a spreadsheet. Operations at areas outside TA-33 are recorded.
The annual emissions of criteria and HAPs are calculated based on the hours of operation.

Reporting: Reports are submitted as required by permit conditions in accordance with Section B110.

A1104 Operational Limitations – Internal Combustion

B. Hours of Operation and Emission Limits for Units TA-33-G-2 through -4

Requirements:

1) Units TA-33-G-2 through -4 are authorized to operate 500 hours per generator per calendar year. (NSR Permit 2195P, Specific Condition 1.b.)

2) Units TA-33-G-2 through -4 shall each be certified to be in compliance with applicable non-road emission standards in 40 CFR 89. (NSR Permit 2195P, Specific Condition 1.c.)

Monitoring: The permittee shall monitor the total hours of operation for each genset, Units TA-33-G-2 through -4, using a non-resettable hour meter.

Recordkeeping: The permittee shall:

1) Record the total hours operation of the gensets listed above, as indicated on the non-resettable hour meter. (NSR Permit 2195P, Specific Condition 4.a., revised)

2) Calculate and record the semi-annual emissions of criteria and hazardous air pollutants from each genset, Units TA-33-G-2 through -4.

3) Maintain a copy of the engine certification to the applicable non road emission standards in 40 CFR 89. (NSR Permit 2195P, Specific Condition 4.c.)

Reporting: The permittee shall submit reports described in Section A109 and in accordance with Section B110.

Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.

☐ **Yes** **Date report submitted:** **Tracking Number:**

☒ **No** **Provide comments and identify any supporting documentation as an attachment.**

Comments: Requirement/Monitoring: The operating hour readings are collected twice a year to verify the hour limit is not approached. The hour limits for these units were not exceeded during this reporting period. Hours of generator operation are provided in ATTACHMENT A1104.B.
The hour meters on these units are non-resettable.

Recordkeeping:

1) Equipment operating hours are recorded.

2) The emissions of regulated pollutants from Units TA-33-G-2, TA-33-G-3 and TA-33-G-4 are calculated and recorded on a six-month basis.

3) Certificates of compliance with applicable non-road emission standards are maintained on-site.

Reporting: Emissions and monitoring reports are submitted on a six-month basis and compliance certification is submitted on an annual basis in accordance with permit conditions A109 and B110. For more information, see comments in Section A605 of this report.

A1105 Fuel Sulfur Requirements – Internal Combustion

A. Fuel Sulfur Requirement for Unit TA-33-G-1P

Requirement: Unit TA-33-G-1P while in use at TA-33 shall combust only diesel fuel containing no more than 500 ppmw total sulfur.

Monitoring: None.

Recordkeeping: The permittee shall demonstrate compliance with the limit on total fuel sulfur content by maintaining records of a current, valid purchase contract, tariff sheet or transportation contract for the fuel, or fuel analysis, specifying the fuel grade and certification or allowable sulfur limit. If fuel analysis is used, the analysis shall not be older than one year. Alternatively, compliance may be demonstrated by keeping a receipt or invoice from a commercial fuel supplier with each fuel delivery, which shall include the delivery date, the fuel type delivered, and amount of fuel delivered, and the maximum sulfur content of the fuel.

Reporting: The permittee shall submit reports described in Section A109 and in accordance with Section B110.

Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.

☐ **Yes** **Date report submitted:** **Tracking Number:**

☒ **No** **Provide comments and identify any supporting documentation as an attachment.**

Comments: Requirement: Only Ultra Low Sulfur Diesel (ULSD) is used at the facility. A purchase contract is in place to only purchase ULSD, which is less than 15 ppm sulfur.

Recordkeeping: A copy of the purchase contract is available on-site.

Reporting: Emissions and monitoring reports are submitted on a six-month basis and compliance certification is submitted on an annual basis in accordance with permit conditions A109 and B110. For more information, see comments in Section A605 of this report.

A1106 20.2.61 NMAC Opacity – Internal Combustion

A. CI-RICE - TA-33-G-1P, TA-33-G-2, TA-33-G-3, TA-33-G-4, RLUOB-GEN-1, RLUOB-GEN-2, RLUOB-GEN-3, TA-48-GEN-1, TA-55-GEN-1 TA-55-GEN-2 and TA-55-GEN-3

Requirement: Visible emissions from the stacks of the above listed sources shall not equal or exceed an opacity of 20 percent.

Monitoring: During steady state operation, opacity shall be measured over a 10-minute period in accordance with the procedures at 40 CFR 60, Appendix A, Method 9 as required by 20.2.61.114 NMAC. Opacity measurements shall be conducted on a quarterly basis per calendar year as qualified by the Section B108.D monitoring provisions. This requirement excludes Insignificant and Trivial Activities.

Recordkeeping: The permittee shall maintain records of all Method 9 observations, and in accordance with Section B109.

Reporting: The permittee shall report date, time, and results of all Method 9 observations. The permittee shall submit reports described in Section A109 and in accordance with Section B110.

Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.

☐ **Yes** **Date report submitted:** **Tracking Number:**

☒ **No** **Provide comments and identify any supporting documentation as an attachment.**

Comments: Requirement: No visible emissions were observed to exceed 20% opacity during this reporting period.

Monitoring: During this reporting period, opacity measurements were conducted on generators RLUOB-GEN-2, RLUOB-GEN-3, TA-55-GEN-1, TA-55-GEN-2, and TA-55-GEN 3. The opacity observations for these generators were conducted within the five year period allowed by Section B108.D(2). RLUOB-GEN-1 was due for an opacity measurement during this reporting period, but has been out of service due to maintenance issues since August 15, 2017, thus, an opacity observation was not performed. An opacity observation will be performed upon commencement of the unit. The opacity observation forms for this reporting period are located in ATTACHMENT A1106.A. Section B108.D(2) of the permit allows for reduced frequency of opacity monitoring if the unit operates 25% (547.5 hours in a quarter) or less of a monitoring period (calendar quarter). After two successive periods without monitoring, monitoring is required during the next period, unless the unit has operated less than 10% (219 hours in a quarter) of the monitoring period. If the unit runs less than 10%, that period is not considered as one of the two successive periods. No applicable CI-RICE units operated more than 25% for two successive monitoring periods during this reporting period, and the other permitted generators were not due for an opacity measurement during this reporting period.

Recordkeeping: Records are maintained in accordance with Section B109.

Reporting: Emissions and monitoring reports are submitted on a six-month basis and compliance certification on an annual basis in accordance with permit conditions A109 and B110. For more information, see comments in Section A605 of this report.

A1107 Other – Internal Combustion

A. 40 CFR 60, Subpart IIII (Emergency Generators Units RLUOB-GEN-1 through -3)

Requirement: The units are subject to 40 CFR 60, Subpart IIII and the permittee shall comply with the applicable emissions standards and fuel requirements in §60.4205(a), §60.4206 and §60.4207(b) and Table 1102.B. In addition the permittee shall follow the compliance requirements stated in §60.4211(a, b, and f) and the general provisions of 40 CFR 60 Subpart A as required in §60.4218.

Monitoring: None

Recordkeeping: The permittee shall maintain records in accordance with Section B109.

Reporting: The permittee shall comply with all applicable reporting requirements of 40 CFR 60, Subpart A as required in §60.4218 and in accordance with Section B110.

Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.

☐ **Yes** **Date report submitted:** **Tracking Number:**

☒ **No** **Provide comments and identify any supporting documentation as an attachment.**

Comments: Requirement: The manufacturer's emissions certifications as required by §60.4205(a) are available on site.
Diesel sulfur requirements of 15 ppm are met by the LANL fuel oil contract specifying purchasing ULSD.
§60.4211 (a) (b) and (f) - Manufacturer's certifications for nonroad engines are on-site; non-emergency maintenance checks and readiness testing of such units is limited to 100 hours per year per §60.4211(f)(3).

Recordkeeping: Hours of non-emergency and emergency operation are recorded at the facility during generator operation. The units subject to this condition operated less than 100 hours to date on non-emergency maintenance and readiness checks in accordance with condition §60.4211(f)(3).

Reporting: Hours of operations are reported in accordance with Section B110. See ATTACHMENT A1107.A. for operating records.

A1107 Other – Internal Combustion

B. 40 CFR 60, Subpart IIII (Emergency Generators Unit TA-48-GEN-1, TA-55-GEN-1 TA-55-GEN-2 and TA-55-GEN-3)

Requirement: The units are subject to 40 CFR 60, Subpart IIII and the permittee shall comply with the applicable emissions standards and fuel requirements in §60.4205(b), §60.4202(a)(2), §60.4206 and §60.4207(b) and Table 1102.B. In addition, the permittee shall follow the compliance requirements stated in §60.4211(a, c and f) and the general provisions of 40 CFR 60 Subpart A as required in §60.4218.

Monitoring: None

Recordkeeping: The permittee shall maintain records in accordance with Section B109.

Reporting: The permittee shall comply with all applicable reporting requirements of 40 CFR 60, Subpart A as required in §60.4218 and in accordance with Section B110.

Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.

☐ **Yes** **Date report submitted:** **Tracking Number:**

☒ **No** **Provide comments and identify any supporting documentation as an attachment.**

Comments: Requirement: The manufacturer's emissions certifications as required by §60.4205(b) are available on site.

Diesel sulfur requirements of 15 ppm are met by the LANL fuel oil contract specifying purchasing ULSD.

§60.4211 (a) (c) and (f) - Manufacturer's certifications for non-road engine are on-site to demonstrate compliance with standards; non-emergency maintenance checks and readiness testing of such units are limited to 100 hours per year per §60.4211(f)(3).

Recordkeeping: Hours of non-emergency and emergency operation are recorded at the facility during generator operation. The units subject to this condition operated less than 100 hours to date on non-emergency maintenance and readiness checks.

Reporting: Hours of operations are reported in accordance with Section B110. See ATTACHMENT A1107.B.

A1204 Operational Limitations – Data Disintegrator

A. Operational Throughput Limitation (Unit Data Disintegrator)

Requirement: The Unit Data Disintegrator is limited processing no more than 25,000 boxes or 565 tons per year media. To avoid Compliance Assurance Monitoring (CAM) requirements under 40 CFR 64, the Data Disintegrator shall limit uncontrolled potential PM emissions by limiting media processing no more than 25,000 boxes or 565 tons per year.

Monitoring: The permittee shall perform the monitoring required in Condition A1207.A.

Recordkeeping: The permittee shall perform the recordkeeping required in Condition A1207.A.

Reporting: The permittee shall perform the reporting required in Condition A1207.A.

Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.

☐ **Yes** **Date report submitted:** **Tracking Number:**

☒ **No** **Provide comments and identify any supporting documentation as an attachment.**

Comments: Requirement: A log is kept to ensure that no more than 25,000 boxes or 565 tons per year of media are processed.

Monitoring, recordkeeping and reporting are discussed in Condition A1207.A.

A1207 Other – Data Disintegrator

A. Emission calculations (Data Disintegrator)

Requirement: The permittee shall calculate Data Disintegrator emissions based on the records of the number of boxes of media that are destroyed.

Monitoring: The permittee shall monitor the quantity of media destroyed on a monthly basis. The total weight shall be based on a previously determined average box weight. This average weight determination shall be maintained as part of the records for this facility.

Recordkeeping: The permittee shall calculate the actual emissions rate (tons per reporting period) for the emission units listed in Table 1200.A on a semi-annual basis. The emission rate in tons per year shall be calculated by summing the emissions from the previous reporting period with the current period. Records shall be maintained in accordance with Section B109.

Reporting: The permittee shall submit reports described in Section A109 and in accordance with Section B110.

Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.

☐ **Yes** **Date report submitted:** **Tracking Number:**

☒ **No** **Provide comments and identify any supporting documentation as an attachment.**

Comments: Requirement: A log is kept to record the number of boxes of media destroyed monthly and is used to calculate emissions on a six-month basis.

Monitoring: The number of boxes destroyed is provided in ATTACHMENT A1207.A. The average box weight has been determined and is maintained as part of the facility records.

Recordkeeping: The actual emissions rate is calculated for the emission unit on a six-month basis and is included in the semi-annual emissions report. These records are maintained on-site. The emission rate in tons per year is calculated by summing the emissions from the previous reporting period with the current period. The emissions are compared to the allowable emissions for the unit. Records are maintained in accordance with Section B109.

Reporting: Emissions and monitoring reports are submitted on a six-month basis and compliance certification submitted on an annual basis in accordance with permit conditions A109 and B110. For more information, see comments in Section A605 of this report.

A1207 Other – Data Disintegrator

B. Cyclone/Cloth Tube Filters (Data Disintegrator)

Requirement: The permittee shall perform regular maintenance and repair on the cyclone and cloth tube filter(s) per manufacturer's recommendations. (NSR Permit 2195H, Specific Condition 1.d.)

Monitoring: N/A

Recordkeeping: The permittee shall maintain adequate records on site to demonstrate compliance with manufacturer's recommended repair and maintenance schedules for the cyclone and the cloth tube filter(s). (NSR Permit 2195H, Specific Condition 4.a.) Records shall be maintained in accordance with Section B109.

Reporting: The permittee shall submit reports described in Section A109 and in accordance with Section B110.

Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.

☐ **Yes** **Date report submitted:** **Tracking Number:**

☒ **No** **Provide comments and identify any supporting documentation as an attachment.**

Comments: Requirement: Preventive maintenance and repair are performed on the data disintegrator cyclone and cloth tube filter(s) following manufacturer's recommendations. Preventative maintenance was performed in April of 2021.

Recordkeeping: Records of maintenance performed on the cyclone and cloth tube filter(s) are provided in ATTACHMENT A1207.B. Manufacturer recommended repair and maintenance information are available on site. Records are maintained in accordance with Section B109.

Reporting: Emissions and monitoring reports are submitted on a six-month basis and compliance certification on an annual basis in accordance with permit conditions A109 and B110. For more information, see comments in Section A605 of this report.

A1207 Other – Data Disintegrator

C. Compliance Testing (Data Disintegrator)

Requirement: If upon notification by the Department, compliance testing is required, it shall be conducted in accordance with EPA Reference Methods 1 through 4, Method 5 for TSP, and conducted in accordance with 450 CFR 60, Appendix A. For combined TSP and PM10, testing shall be in accordance with 40 CFR 51, Appendix M, Method 201. Alternative test method(s) may be used if the Department approves the change. (NSR Permit 2195H, Specific Condition 6.b., revised)

Monitoring: N/A

Recordkeeping: The permittee shall maintain records in accordance with Section B109.

Reporting: The permittee shall submit reports described in Section A109 and in accordance with Section B110.

Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.

☐ **Yes** **Date report submitted:** **Tracking Number:**

☒ **No** **Provide comments and identify any supporting documentation as an attachment.**

Comments: Requirement: No compliance test was required or performed during this reporting period.

Recordkeeping: Records are maintained in accordance with Section B110. No tests were conducted and no records were generated during this reporting period.

Reporting: Emissions and monitoring reports are submitted on a six-month basis and compliance certification submitted on an annual basis in accordance with permit conditions A109 and B110. For more information, see comments in Section A605 of this report.

A1305 Fuel Sulfur Requirements – TA-3 Power Plant

A. Boilers (Units TA-3-22-1 through -3)

Requirement: External combustion sources at the TA-3 Power Plant shall combust only natural gas containing no more than 2 gr/100 scf total sulfur or No. 2 fuel oil containing no more than 0.05 wt% total sulfur. (NSR Permit 2195B-M2, Specific Condition A110.A)

Monitoring: N/A

Recordkeeping: The permittee shall demonstrate compliance with the limit on total fuel sulfur content by maintaining records of a current, valid purchase contract, tariff sheet or transportation contract for the gaseous or liquid fuel, or fuel analysis, specifying the fuel grade and certification or allowable sulfur limit. If fuel analysis is used, the analysis shall not be older than one year. Alternatively, compliance may be demonstrated by keeping a receipt or invoice from a commercial fuel supplier with each fuel delivery, which shall include the delivery date, the fuel type delivered, and amount of fuel delivered, and the maximum sulfur content of the fuel.

Reporting: The permittee shall submit reports described in Section A109 and in accordance with Section B110.

Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.

☐ **Yes** **Date report submitted:** **Tracking Number:**

☒ **No** **Provide comments and identify any supporting documentation as an attachment.**

Comments: Requirement: The natural gas transportation contract states that gas provided to LANL will be pipeline quality with total sulfur content of no more than three quarters (3/4) grains of total sulfur/100 dscf.

Recordkeeping: Fuel oil is under a purchase contract and only Ultra Low Sulfur Diesel (ULSD) is delivered to the facility. ULSD contains less than 0.0015 wt% total sulfur. A copy of the transportation contract and purchase contract are kept on site. No fuel oil was purchased for the TA-3 power plant during this reporting period.

Reporting: Emissions and monitoring reports are submitted on a six-month basis and compliance certification on an annual basis in accordance with permit conditions A109 and B110. For more information, see comments in Section A605 of this report.

A1305 Fuel Sulfur Requirements – TA-3 Power Plant

B. Combustion Turbine (Unit TA-3-22-CT-1)

Requirement: The combustion turbine at the TA-3 Power Plant shall combust only natural gas containing no greater than 2 gr/100 scf total sulfur. (NSR Permit 2195B-M2, Specific Condition A110.B)

Monitoring: N/A

Recordkeeping: The permittee shall demonstrate compliance with the limit on total fuel sulfur content by maintaining records of a current, valid purchase contract, tariff sheet or transportation contract for the gaseous fuel, or fuel analysis, specifying the fuel grade and certification or allowable sulfur limit. If fuel analysis is used, the analysis shall not be older than one year. (NSR Permit 2195B-M2, Specific Condition A110.B and 40 CFR 60.334(h))

Reporting: The permittee shall submit reports described in Section A109 and in accordance with Section B110.

Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.

☐ **Yes** **Date report submitted:** **Tracking Number:**

☒ **No** **Provide comments and identify any supporting documentation as an attachment.**

Comments: Requirement: The natural gas transportation contract states that gas provided to LANL will be pipeline quality with total sulfur content of no more than three quarters (3/4) grains of total sulfur/100 dscf.

Recordkeeping: LANL's natural gas transportation contract is kept on-site.

Reporting: Emissions and monitoring reports are submitted on a six-month basis and compliance certification on an annual basis in accordance with permit conditions A109 and B110. For more information, see comments in Section A605 of this report.

A1306 20.2.61 NMAC Opacity – TA-3 Power Plant

A. Sources Combusting Natural Gas

Requirement: All combustion units shall not exceed 20% opacity. (NSR Permit 2195B-M2, Specific Condition A111.A)

Monitoring: Use of natural gas fuel meeting the requirement at Condition A1305.A or B constitutes compliance with 20.2.61 NMAC unless opacity exceeds 20% averaged over a 10-minute period. When any visible emissions are observed during steady state operation and are determined to be not due to condensed water vapor only, opacity shall be measured over a 10-minute period, in accordance with the procedures at 40 CFR 60, Appendix A, Method 9 as required by 20.2.61.114 NMAC.

Recordkeeping: The permittee shall record dates of any opacity measures and the corresponding opacity readings.

Reporting: The permittee shall report dates of any opacity measures and the corresponding opacity readings. The permittee shall submit reports described in Section A109 and in accordance with Section B110.

Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.

☐ **Yes**	**Date report submitted:**	**Tracking Number:**
☒ **No**	**Provide comments and identify any supporting documentation as an attachment.**	

Comments: Requirement: LANL has certified opacity readers on-site who perform opacity readings using 40 CFR 60, Appendix A, Method 9 to determine compliance with the opacity limitation.

Monitoring: Natural gas fuel meets the requirement specified in Condition A1305.A and B. Use of natural gas fuel constitutes compliance with the 20% opacity limit. No visible emissions were observed during steady state operation during this reporting period. See ATTACHMENT A1306.A. for details.

Recordkeeping: A standard form is used for all opacity measurements. The form includes the date of measurement and opacity observed. No opacity readings were required during this reporting period.

Reporting: A standard form is used for all opacity measurements. The form includes the date and time of the Method 9 observation and opacity observed. Emissions and monitoring reports are submitted on a six-month basis and compliance certification on an annual basis in accordance with permit conditions A109 and B110. For more information, see comments in Section A605 of this report.

A1306 20.2.61 NMAC Opacity – TA-3 Power Plant

B. Boilers Combusting No. 2 Fuel Oil

Requirement: All combustion units shall not exceed 20% opacity. (NSR Permit 2195B-M2, Specific Condition A111.B)

Monitoring: During steady state operation, opacity shall be measured over a 10-minute period in accordance with the procedures at 40 CFR 60, Appendix A, Method 9 as required by 20.2.61.114 NMAC. Opacity measurements shall be conducted on a quarterly basis per calendar year whenever the boiler(s) are operational during the monitoring period. This requirement is subject to the monitoring provisions of Condition B108.D.

Recordkeeping: The permittee shall maintain records of all Method 9 observations, and in accordance with Section B109.

Reporting: The permittee shall report date, time, and results of all Method 9 observations. The permittee shall submit reports described in Section A109 and in accordance with Section B110.

Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.

☐ **Yes** **Date report submitted:** **Tracking Number:**

☒ **No** **Provide comments and identify any supporting documentation as an attachment.**

Comments: Requirement: Certified opacity readers are located on-site who perform opacity readings using 40 CFR 60, Appendix A, Method 9 to determine compliance with the opacity limitation. Fuel oil was used during this reporting period.

Monitoring: Opacity is read at least once per quarter when boilers are combusting fuel oil and when required by monitoring provisions in condition B108.D. Opacity readings are measured over a 10-minute period and in accordance with 40 CFR 60, Appendix A, Method 9. A standard form is used for all opacity measurements. The form includes the date of measurement and opacity observed. Fuel oil was used during this reporting period and therefore Method 9 opacity measurements were conducted. See ATTACHMENT A1306.B.

Recordkeeping: Records are maintained in accordance with Section B109.

Reporting: A standard form is used for all opacity measurements. The form includes the date and time of the Method 9 observation and opacity observed. Emissions and monitoring reports are submitted on a six-month basis and compliance certification on an annual basis in accordance with permit conditions A109 and B110. For more information, see comments in Section A605 of this report.

A1307 Other – TA-3 Power Plant

A. Emission calculations (TA-3 Power Plant)

Requirement: The permittee shall comply with the hourly and annual emission limits at Table1302.A. and Conditions A1302.B, C, and D for the combustion turbine and boilers. The boiler annual emission limit shall be expressed as the combined emissions from all 3 boilers. (NSR Permit 2195B-M2, Specific Condition A801.A)

Monitoring: The permittee shall perform the following calculations on a monthly basis:

1) Calculate the average hourly emissions rates (pph) for each emissions unit based on the monthly total fuel consumption and monthly actual hours of operation.

2) Calculate the actual annual emissions rates (tpy) for all emissions units based on the monthly rolling 12-month total fuel consumption and the monthly rolling 12-month total hours of operation.

3) All NOx emission rates for the boilers shall also be calculated in terms of lb/MMBtu heat input.

(NSR Permit 2195B-M2, Specific Condition A801.A)

Recordkeeping: The permittee shall maintain records in accordance with Section B109.

Reporting: The permittee shall submit reports described in Section A109 and in accordance with Section B110.

Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.

☐ **Yes**	**Date report submitted:**	**Tracking Number:**
☒ **No**	**Provide comments and identify any supporting documentation as an attachment.**	

Comments: Requirement: All emissions calculations required by this section are performed for the emission units listed. The emission units did not exceed the hourly or annual emission limits.

Monitoring: Emissions spreadsheets are in place that calculate all required emissions and are used for monitoring and reporting purposes. See ATTACHMENT A1307.A for details.

1) The average hourly emission rates are included in the spreadsheet.

2) The actual annual emission rates are included in the spreadsheet.

3) The emission rates are based on the emission factor for NOx (lbs/MMscf), which is 58 lbs/MMscf, this factor is converted to lbs/MMBtu by dividing by the high heat value of natural gas (the number of Btu in a scf). As the HHV of natural gas ranges in value, the emission range was calculated using the low and high values at LANL between 2011 and 2020, the lowest was 1006.6 Btu/scf and the highest was 1079.3 Btu/scf, therefore the NOx emission rate will range from 0.0537 to 0.0576 lbs/MMBtu.

Recordkeeping: Records are maintained in accordance with Section B109.

Reporting: Emissions and monitoring reports are submitted on a semi-annual basis and compliance certification on an annual basis in accordance with permit conditions A109 and B110. For more information, see comments in Section A605 of this report.

A1307 Other – TA-3 Power Plant

B. Fuel Usage (Boilers, Units TA-3-22-1 through -3)

Requirement: Combined boiler operation shall not consume more than 1000 MMscf of natural gas and no more than 500,000 gallons of No. 2 fuel oil in any 12-month period. Volumetric natural gas fuel flow shall be measured using gas flowmeters installed on the natural gas fuel inlet to each respective unit (3 separate gas flowmeters). Fuel oil usage shall be measured using a single inventory meter located at a storage tank that is dedicated for use by the TA-3 power plant boilers. (NSR Permit 2195B-M2, Specific Condition A803.A, revised)

Monitoring: The liquid fuel flow rate shall be continuously monitored whenever liquid fuel is combusted. The natural gas fuel flow rate for each boiler shall be continuously monitored whenever natural gas is combusted. The hours of operation of each boiler shall be continuously monitored. (NSR Permit 2195B-M2, Specific Condition A803.A, revised)

Recordkeeping: The permittee shall record the monthly total of liquid fuel (gallons) for all boilers combined and gaseous fuel (scf) for each boiler on a monthly basis, to include a monthly total. Annual fuel usage shall be calculated and recorded on a monthly rolling 12-month total basis. The permittee shall record the hours of operation of each boiler on a monthly basis, to include a monthly total. The record shall include the monthly rolling 12-month total hours of operation for all 3 boilers combined. The permittee shall maintain records in accordance with Section B109. (NSR Permit 2195B-M2, Specific Conditon A803.A, revised)

Reporting: The permittee shall submit reports described in Section A109 and in accordance with Section B110.

Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.

☐ **Yes** **Date report submitted:** **Tracking Number:**

☒ **No** **Provide comments and identify any supporting documentation as an attachment.**

Comments: Requirement: The combined boiler natural gas use did not exceed 1,000 MMscf or 500,000 gallons of No. 2 fuel oil in any 12-month period. Volumetric flow is measured using the liquid or gas fuel flowmeters installed on the natural gas fuel inlet to each respective unit and on the combined fuel oil inlet to the boilers. All fuel use data are tracked monthly in a spreadsheet used for emission calculations.

Monitoring: Natural gas fuel meters are in place on each boiler. Fuel oil is measured using an inventory meter on the storage tank. Both natural gas and fuel oil are continuously monitored when being combusted. A monthly and 12-month rolling total of natural gas and fuel oil use are recorded and reviewed monthly to verify usage does not exceed allowable limits. See ATTACHMENT 1307.B for monthly and 12-month rolling totals for each fuel.

Recordkeeping: Total monthly liquid fuel for all boilers and gaseous fuel for each boiler were recorded on a monthly basis. The annual fuel usage was calculated and recorded on a monthly rolling 12-month total basis. Total hours of operation of each boiler are recorded monthly and included in a monthly rolling 12-month total hours for all boilers combined. Hours of operation of each boiler are continuously monitored. This data is collected monthly from the power plant operations staff. Monthly and 12 month rolling hours are provided in ATTACHMENT A.1307.B. Records are maintained in accordance with Section B109.

Reporting: Emissions and monitoring reports are submitted on a six-month basis and compliance certification on an annual basis in accordance with permit conditions A109 and B110. For more information, see comments in

Section A605 of this report.

A1307 Other – TA-3 Power Plant

C. Fuel Usage (Combustion Turbine, Unit TA-2-22-CT-1)

Requirement: The combustion turbine shall not consume more than 1400 MMscf of natural gas in any 12-month period. Volumetric flow shall be measured using a gas fuel flowmeter installed on the fuel inlet of the combustion turbine. (NSR Permit 2195B-M2, Specific Condition A802.A)

Monitoring: The natural gas fuel flow rate for the combustion turbine shall be continuously monitored whenever natural gas is combusted. (NSR Permit 2195B-M2, Specific Condition A802.A)

Recordkeeping: The permittee shall record the daily total of gaseous fuel (scf) for the turbine on a monthly basis, to include a monthly total. Annual fuel usage shall be calculated and recorded on a monthly rolling 12-month total basis. The permittee shall record the daily hours of operation of the combustion turbine on a monthly basis, to include a monthly total. The record shall include the monthly total hours and monthly rolling 12-month total hours of operation. The permittee shall maintain records in accordance with Section B109. (NSR Permit 2195B-M2, Specific Condition A802.A)

Reporting: The permittee shall submit reports described in Section A109 and in accordance with Section B110.

Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.

☐ **Yes** **Date report submitted:** **Tracking Number:**

☒ **No** **Provide comments and identify any supporting documentation as an attachment.**

Comments: Requirement: A 12-month rolling total for natural gas use is maintained to verify usage does not exceed 1400 MMscf. The daily and monthly total fuel use is collected and recorded in a spreadsheet used for calculating emissions. See ATTACHMENT A1307.C.

Monitoring: The natural gas flowmeter is installed on the turbine inlet. The fuel flowmeter continuously measures natural gas being delivered to the combustion turbine.

Recordkeeping: Daily hours of operation are collected monthly and entered into the spreadsheet. A 12-month rolling total hours of operation is calculated using this information. Rolling total hours are provided in ATTACHMENT A1307.C. Records are maintained in accordance with Section B109.

Reporting: Emissions and monitoring reports are submitted on a six-month basis and compliance certification on an annual basis in accordance with permit conditions A109 and B110. For more information, see comments in Section A605 of this report.

A1307 Other – TA-3 Power Plant

D. Load Requirement (Combustion Turbine, Unit TA-3-22-CT-1)

Requirement: The combustion turbine shall be operated at no less than 80% and no greater than 100% load as determined by the manufacturer's supplied algorithm, except for minimal periods during startup and shutdown conditions. The permittee shall follow the manufacturer's recommended startup/shutdown procedures in order to minimize the duration of these events. (NSR Permit 2195B-M2, Specific Condition A802.B)

Monitoring: The operating load of the combustion turbine shall be monitored once daily during normal operations of that unit. (NSR Permit 2195B-M2, Specific Condition A802.B)

Recordkeeping: The permittee shall record the daily monitored operating load for the combustion turbine. The permittee shall maintain a record of the manufacturer's recommended startup/shutdown procedure and the manufacturer's criteria for the determination of turbine load. The permittee shall maintain a record for each startup/shutdown or malfunction event for the combustion turbine. The record shall include the date, the start/end time and duration for each event, which is defined as the length of time the combustion turbine is operating at less than 80% or greater than 100% load. For any malfunction event, the record shall also include the nature of the malfunction and any corrective action taken. The permittee shall maintain records in accordance with Section B109. (NSR Permit 2195B-M2, Specific Condition A802.B)

Reporting: The permittee shall submit reports described in Section A109 and in accordance with Section B110.

Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.

☐ **Yes** **Date report submitted:** **Tracking Number:**

☒ **No** **Provide comments and identify any supporting documentation as an attachment.**

Comments: Requirement: The combustion turbine load was maintained between 80% and 100% during this reporting period, except for brief periods during a power stabilizing system tuning on 4/20/2021 and a break-in test for Siemens on 6/29/2021. Performance testing is required to ensure the unit is operating safely and these tests are crucial to the safe operation of the equipment.
Load range is calculated by the turbine operating system and is manually recorded during each operation.
Startup/shutdown procedures are in place and are followed by the unit operators.

Monitoring: Load range is calculated by the turbine operating system and is manually recorded each hour during normal operation. The operating load is recorded at least once daily during normal operations. This data is collected in the daily operating log. Startup/shutdown procedures are in place and are followed by the unit operators. Each time the unit is started or shut down, the data is entered into a daily operating log, which is maintained on-site. The record includes the date, start/end times, and duration. See ATTACHMENT A.1307.D.

Recordkeeping: The operating load is recorded at least once daily during normal operations. This data is collected in the daily operating log. Startup/shutdown procedures are in place and are followed by the unit operators. Each time the unit is started or shut down, the data is entered into a daily operating log, which is maintained on-site. The record includes the date, start/end times, and duration. Records are maintained in accordance with Section B109.

Reporting: Emissions and monitoring reports are submitted on a six-month basis and compliance certification on

an annual basis in accordance with permit conditions A109 and B110. For more information, see comments in Section A605 of this report.

A1307 Other – TA-3 Power Plant

E. Control Device Operation (Boilers, Units TA-3-22-1 through -3)

Requirement: Each boiler (Units TA-3-22-1 through -3) shall only be operated with a properly operating flue gas recirculation fan (Units F-1 through -3, respectively). Any malfunction of the flue gas recirculation system during boiler operation may be subject to the excess emissions requirements of 20.2.7 NMAC. (NSR Permit 2195B-M2, Specific Condition A803.B)

Monitoring: The flue gas recirculating fans shall be inspected for proper operation and maintenance once during each calendar month that the unit was operating. (NSR Permit 2195B-M2, Specific Condition A803.B)

Recordkeeping: The permittee shall record all inspections of the flue gas recirculating fans and any event during which a fan malfunctions. The record shall include the date, time, name of operator conducting the inspection, and any discrepancies noted. For malfunction events, the record shall also include the nature and duration of the malfunction, and any corrective action taken. The permittee shall maintain records in accordance with Section B109. (NSR Permit 2195B-M2, Specific Condition A803.B)

Reporting: The permittee shall submit reports described in Section A109 and in accordance with Section B110.

Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.

☐ **Yes** **Date report submitted:** **Tracking Number:**

☒ **No** **Provide comments and identify any supporting documentation as an attachment.**

Comments: Requirement: When a boiler is operating, the associated Flue Gas Recirculation (FGR) fan is on. A fan speed indicator is located on the control panel in the operator control room. This fan speed is monitored and recorded during boiler operation. No malfunctions of the FGR systems have occurred during this reporting period.

Monitoring: The FGR fans are inspected for proper operation and maintenance each month the unit is operating. Preventive maintenance forms are provided in ATTACHMENT A1307.E.

Recordkeeping: Records of inspection and maintenance of the FGR fans are completed monthly. No malfunctions occurred during this reporting period. All inspection records contain the required data found in this section. Records are maintained in accordance with Section B109.

Reporting: Emissions and monitoring reports are submitted on a six-month basis and compliance certification on an annual basis in accordance with permit conditions A109 and B110. For more information, see comments in Section A605 of this report.

A1307 Other – TA-3 Power Plant

F. Control Device Operation (Combustion Turbine, Unit TA-3-22-CT-1)

Requirement: The combustion turbine shall be equipped with Rolls-Royce Dry Low Emissions (DLE) control technology (pre-mix, lean-burn series staged combustion system) to control NOx emissions. (NSR Permit 2195B-M2, Specific Condition A802.C)

Monitoring: N/A

Recordkeeping: The permittee shall maintain a record of the DLE system associated with the combustion turbine. The permittee shall maintain records in accordance with Section B109. (NSR Permit 2195B-M2, Specific Condition A802.C)

Reporting: The permittee shall submit reports described in Section A109 and in accordance with Section B110.

Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.

☐ **Yes** **Date report submitted:** **Tracking Number:**

☒ **No** **Provide comments and identify any supporting documentation as an attachment.**

Comments: Requirement: The combustion turbine is equipped with the Dry Low Emissions (DLE) control technology. The DLE control was evaluated during unit start-up and determined to be working as designed. Manufacturer data are available on the DLE system.

Recordkeeping: Records of the DLE system associated with the combustion turbine were all maintained in accordance with Section B109.

Reporting: Emissions and monitoring reports are submitted on a six-month basis and compliance certification on an annual basis in accordance with permit conditions A109 and B110. For more information, see comments in Section A605 of this report.

A1307 Other – TA-3 Power Plant

G. 40 CFR 60, Subparts A and GG (Combustion Turbine, Unit TA-3-22-CT-1)

Requirement: The combustion turbine is subject to 40 CFR 60, Subpart GG and the permittee shall comply with the applicable requirements of 40 CFR 60, Subpart A and Subpart GG. (NSR Permit 2195B-M2, Specific Condition A802.D)

Monitoring: The permittee shall comply with the monitoring and testing requirements of 40 CFR 60.334 and 60.335. (NSR Permit 2195B-M2, Specific Condition A802.D)

Recordkeeping: The permittee shall comply with the recordkeeping requirements of 40 CFR 60.334 and 40 CFR 60.7. (NSR Permit 2195B-M1-R2, Specific Condition A802.D)

Reporting: The permittee shall comply with the reporting requirements of 40 CFR 60.7. (NSR Permit 2195B-M1-R2, Specific Condition A802.D)

Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.

☐ **Yes** **Date report submitted:** **Tracking Number:**

☒ **No** **Provide comments and identify any supporting documentation as an attachment.**

Comments: Requirement: The combustion turbine is in compliance with 40 CFR Part 60 Subpart A and 40 CFR Part 60 Subpart GG.

Monitoring: The combustion turbine is in compliance with the monitoring and test requirements of 40 CFR 60.334 and 60.335.

Recordkeeping: The combustion turbine is in compliance with the monitoring, notification, and record keeping requirements of 40 CFR 60.334 and 40 CFR 60.7.

Reporting: The combustion turbine is in compliance with the reporting requirements of 40 CFR 60.7.

A1307 Other – TA-3 Power Plant

H. Periodic Emissions Tests (Combustion Turbine, Unit TA-3-22-CT-1)

Requirement: The permittee shall comply with the allowable emission limits at Table A1302.A, including the NOx ppmv limitation. (NSR Permit 2195B-M2, Specific Condition A802.E)

Monitoring: The permittee shall test using a portable analyzer or EPA Reference Methods subject to the requirements and limitations of Section B108, General Monitoring Requirements. For periodic testing of NOx and CO emissions tests shall be carried out as described below.

Test results that demonstrate compliance with the NOx and CO emission limits shall also be considered to demonstrate compliance with the VOC emission limits.

(1) The test period shall be annually, based on a calendar year.
(2) The tests shall continue based on the existing testing schedule.
(3) All subsequent monitoring shall occur in each succeeding monitoring period. No two monitoring events shall occur closer together in time than 25% of a monitoring period.
(4) The permittee shall follow the General Testing Procedures of Section B111.
(5) Performance testing required by 40 CFR 60, Subpart GG or 40 CFR 60, Subpart KKKK may be used to satisfy these periodic testing requirements if they meet the requirements of this condition and are completed during the specified monitoring period.

Recordkeeping: The permittee shall maintain records in accordance with Section B109. The permittee shall also record the results of the periodic emissions tests, including the turbine's fuel flow rate and horsepower at the time of the test, and the type of fuel fired (natural gas, field gas, etc.).

If a combustion analyzer is used to measure excess air in the exhaust gas, records shall be kept of the make and model of the instrument and instrument calibration data. If an ORSAT apparatus or other gas absorption analyzer is used, the permittee shall record all calibration results.

The permittee shall also keep records of all raw data used to determine exhaust gas flow and of all calculations used to determine flow rates and mass emissions rates.

Reporting: The permittee shall report in accordance with Section B109, B110, and B111.

Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.

☐ **Yes**	**Date report submitted:**	**Tracking Number:**
☒ **No**	**Provide comments and identify any supporting documentation as an attachment.**	

Comments: Requirement: The facility is in compliance with the allowable emission limits in Table A1302.A, including the NOx ppmv limitation, as demonstrated in the monitoring and reporting sections below.

Monitoring: The test followed the requirements and limitations required in Section B108. A combustion analyzer is used for this periodic emissions test. Instrument and calibration data are included in the final test report. An ORSAT or other similar gas absorption analyzer is not used. Results from the test demonstrate compliance with NOx and CO emission limits and thus the VOC emission limits. No limits were exceeded. See ATTACHMENT

A1307.H. for details.

1) An emission stack test was conducted on January 10, 2019; the test results demonstrated that the actual emissions were less than the allowable emissions.

2) No additional stack testing was required during this monitoring period or since January of 2019 because the combustion turbine operated for 4% of 2019 and 11% of 2020, which is less than 25% of the monitoring period.

3) The tests are performed annually if required, or at a frequency as specified in General Condition B108.D based on the percentage of time the unit has operated.

4) The stack test was performed following the monitoring requirements required in Section B108 and general testing procedures found in Section B111. Records of periodic emissions test include all data required by this section.

5) Performance testing met the requirements of this condition and were completed during the specified monitoring period.

Recordkeeping: The test followed the requirements and limitations required in Section B109. Records are kept of the periodic emissions test results, including the turbine's fuel flow rate and horsepower, and the type of fuel fired. A combustion analyzer is used for this periodic emissions test. Instrument and calibration data are included in the final test report. An ORSAT or other similar gas absorption analyzer is not used. Raw data and calculations are included in the test report.

Reporting: Emission and monitoring reports are submitted on a six-month basis and compliance certification on an annual basis in accordance with permit conditions A109, B110, and B111. For more information, see comments in Section A605 of this report.

A1407 Other – Open Burning

A. Operational

Requirement: The permittee shall comply with the applicable requirements of 20.2.60 NMAC and 20.2.65 NMAC, including, but not limited to:

1) Prior to initiating a burn consisting of vegetative material, the permittee shall submit to the Department a sampling and analysis plan and upon approval conduct representative sampling of the intended burn material and analyze samples for radionuclides, target analyte list (TAL) inorganic elements, polychlorinated biphenyls (PCBs), and high explosives (HE); and

2) The permittee shall submit to the Department a background concentration report for the contaminants listed in Condition A1407.A, Requirement (1). The report shall indicate locations where background concentrations were taken and compare sample results with background concentrations of the constituents; and

3) The permittee shall not burn vegetative material which includes any contaminant above the relevant background concentration; and

4) Upon receiving Department approval, the permittee shall conduct public notification in a display ad in at least four newspapers: Los Alamos Monitor, Rio Grande Sun, Santa Fe New Mexican, and the Albuquerque Journal, no less than 21 days in advance of a planned burn.

Monitoring: The permittee shall monitor all open burning as required by Department regulation or burn approval.

Recordkeeping: The permittee shall maintain records of all sampling and analysis plans and any representative sampling conducted. Records shall be kept in accordance with Section B109.

Reporting: The permittee shall submit reports as outlined in the Condition 1407.A Requirements, as described in Section A109, and in accordance with Section B110.

Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.

☐ **Yes**	**Date report submitted:**	**Tracking Number:**
☒ **No**	**Provide comments and identify any supporting documentation as an attachment.**	

Comments: No open burning occurred during this reporting period. See ATTACHMENT A1407.A. for details.

P100-R2M1 - A1507 Evaporative Sprayers–Work Practice Standards

A. Operational Requirements (Evaporative Sprayers)

Requirement: Compliance with the allowable emission limits in Table 106.B shall be demonstrated by calculating the annual total HAPs emissions in tons per year. The emissions shall be calculated based on the most recent water analysis and hours of operation for the evaporative sprayers.

Monitoring: The permittee shall conduct an analysis of the basin water, including analytical results (water concentrations) for all HAPs and TAPs, at the Sanitary Effluent Reclamation Facility (SERF) every two years beginning no later than calendar year 2018. The permittee shall monitor the hours of operation for each sprayer.

Recordkeeping: The permittee shall record a monthly rolling, 12-month total of HAPs emissions based on the sum of emissions from all the evaporative sprayers. The emission factors for the HAPs shall be based on the values from the most recent water analysis.

Reporting: The permittee shall submit reports described in Section A109 and in accordance with Section B111. An electronic copy of the required water analysis including analytical results (water concentrations) for all HAPs, TAPs, and the total dissolved solids (TDS) shall be sent to AQB with the Semi-annual Monitoring Report specified in A109.A for any year in which the water sampling is conducted.

Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.

☐ **Yes** **Date report submitted:** **Tracking Number:**

☒ **No** **Provide comments and identify any supporting documentation as an attachment.**

Comments: Requirement: The facility is in compliance with the allowable emissions limits in Table 106.B by calculating the annual total HAP emissions in tons per year. The most recent water analysis results and hours of operation are used to calculate the emissions.

Monitoring: The facility conducts analysis of the basin water for HAPs and TAPs every two years effective 2018. Basin water sampling was conducted in November and December of 2020. The hours of operation are monitored and tabulated. See ATTACHMENT A1507.A.b. for details.

Recordkeeping: Records are kept on-site and include the monthly rolling and 12-month total of HAPs emissions based on the sum of emissions from all the evaporative sprayers. The emission factors are based on the values from the most recent water analysis.

Reporting: Reporting is done in accordance with the Title V requirements specified in Section A109.A and Section B111. Water analysis results will be included in the Semi-Annual Monitoring Report for any year in which the water sampling is conducted. Basin water sampling was in November and December of 2020. See ATTACHMENT A1507.A.a. for details.

P100-R2M1 - A1507 Evaporative Sprayers–Work Practice Standards

B. Maintenance and Repair Requirements

Requirement: Compliance with the allowable emission limits in Table 106.A shall be demonstrated by properly maintaining and repairing the units.

Monitoring: Maintenance and repair shall meet the minimum manufacturer's or permittee's recommended maintenance schedule. Activities that involve maintenance, adjustment, replacement, or repair of functional components with the potential to affect the operation of an emission unit shall be documented as they occur.

Recordkeeping: The permittee shall maintain records in accordance with Section B109, including records of maintenance and repairs activities and a copy of the manufacturer's or permittee's recommended maintenance schedule.

Reporting: The permittee shall maintain records in accordance with Section B109, including records of maintenance and repairs activities and a copy of the manufacturer's or permittee's recommended maintenance schedule.

Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.

☐ **Yes** **Date report submitted:** **Tracking Number:**

☒ **No** **Provide comments and identify any supporting documentation as an attachment.**

Comments: Requirement: Compliance with the allowable emissions limits is demonstrated by properly maintaining and repairing the units.

Monitoring: Equipment maintenance and repair are conducted in accordance with the manufacturer's recommended schedule and LANL procedures, and documented in Table 106.A. See ATTACHMENT A1507.B. for work practice standards and maintenance and repair records.

Recordkeeping: Records are maintained in accordance with Section B109. Maintenance and repair records are kept on-site, and include maintenance and repairs activities, and the maintenance schedule.

Reporting: Records are maintained in accordance with Section B109. Maintenance and repair records are kept on-site, and include maintenance and repairs activities, and the maintenance schedule.

P100-R2M4 - A1507 Evaporative Sprayers–HAPs Calculations, Maintenance, and Repair

A. HAPs Calculations (Evaporative Sprayers)

Requirement: Compliance with the facility-wide allowable emission limits in Table 106.B (P100-R2M1) shall be demonstrated by calculating the annual total HAPs emissions in tons per year. The emissions shall be calculated based on the most recent water analysis and hours of operation for the evaporative sprayers.

Monitoring: The permittee shall conduct an analysis of the basin water, including analytical results (water concentrations) for all HAPs and New Mexico TAPs, at the Sanitary Effluent Reclamation Facility (SERF) every two years beginning no later than calendar year 2018. The permittee shall monitor the

hours of operation for each sprayer.

Recordkeeping: The permittee shall record a monthly rolling, 12-month total of HAPs emissions based on the sum of calculated actual emissions from all the evaporative sprayers. The emission factors for the HAPs shall be based on the values from the most recent water analysis.

Reporting: The permittee shall submit reports according to Section A109 and in accordance with Section B111 (P100-R2M1). An electronic copy of the required water analysis including analytical results (water concentrations) for all HAPs, TAPs, and the total dissolved solids (TDS) shall be sent to AQB with the Semi-annual Monitoring Report specified in Condition A109.A (P100-R2M1) for any year in which the water sampling is conducted.

Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.

☐ **Yes** **Date report submitted:** **Tracking Number:**

☒ **No** **Provide comments and identify any supporting documentation as an attachment.**

Comments: Requirement: The facility demonstrates compliance with the allowable emissions limits in Table 106.B by calculating the annual total HAP emissions in tons per year. The most recent water analysis results and hours of operation are used to calculate the emissions.

Monitoring: The facility conducts analysis of the basin water for HAPs and TAPs every two years effective 2018. Basin water sampling was conducted in November and December of 2020. The hours of operation are monitored and tabulated.

Recordkeeping: Records are kept on-site and include the monthly rolling and 12-month total of HAPs emissions based on the sum of emissions from all the evaporative sprayers. The emission factors are based on the values from the most recent water analysis.

Reporting: Reporting is done in accordance with the Title V requirements specified in Section A109.A and Section B111. Water analysis results will be included in the Semi-Annual Monitoring Report for any year in which the water sampling is conducted. Basin water sampling was in November and December of 2020.

P100-R2M4 - A1507 Evaporative Sprayers–HAPs Calculations, Maintenance, and Repair

B. Maintenance and Repair Requirements

Requirement: Compliance with the facility-wide allowable emission limits in Table 106.B (P100-R2M1) shall be demonstrated by properly maintaining and repairing the units.

Monitoring: Maintenance and repair shall meet the minimum manufacturer's or permittee's recommended maintenance schedule. Activities that involve maintenance, adjustment, replacement, or repair of functional components with the potential to affect the operation of an emission unit shall be documented as they occur.

Recordkeeping: The permittee shall maintain records in accordance with Section B109 (P100-R2M1), including records of maintenance and repairs activities and a copy of the manufacturer’s or permittee’s recommended maintenance schedule.

Reporting: The permittee shall maintain records in accordance with Section B109 (P100-R2M1), including records of maintenance and repairs activities and a copy of the manufacturer’s or permittee’s

recommended maintenance schedule.
Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.
☐ **Yes** **Date report submitted:** **Tracking Number:**
☒ **No** **Provide comments and identify any supporting documentation as an attachment.**
Comments: Requirement: Compliance with the allowable emissions limits is demonstrated by properly maintaining and repairing the units. Monitoring: Equipment maintenance and repair are conducted in accordance with the manufacturer's recommended schedule and LANL procedures, and documented in Table 106.A. Recordkeeping: Records are maintained in accordance with Section B109. Maintenance and repair records are kept on-site, and include maintenance and repairs activities, and the maintenance schedule. Reporting: Records are maintained in accordance with Section B109. Maintenance and repair records are kept onsite, and include maintenance and repairs activities, and the maintenance schedule.

Part 2

Deviation Summary Report

1. Were any deviations reported to the Air Quality Bureau during this reporting period? If NO, answer question 2 below. If YES, complete the "Summary of Deviations Previously Reported" table below, then answer question	☐ Yes ☒ No

SUMMARY OF DEVIATIONS PREVIOUSLY REPORTED

Unit # and description	Date deviation reported	Tracking Number

2. Are there any deviations not yet reported? If No, no further information is required on the Deviation Summary Report. If Yes, answer question 3 below and enter the required information in the Deviation Summary Table.	☐ Yes ☒ No
3. Did any of the deviations result in excess emissions? For deviations resulting in excess emissions a completed Excess Emission Form for each deviation must be attached to this report.	☐ Yes ☐ No

Deviation Summary Table for deviations not yet reported.

No.	Applicable Requirement (Include Rule Citation)	Emission Unit ID(s)	Cause of Deviation	Corrective Action Taken
1				
2				
3				
4				
5				

Deviation Summary Table (cont.)

	Deviation Started		Deviation Ended					Did you attach an excess emission form?
No.	Date	Time	Date	Time	Pollutant	Monitoring Method	Amount of Emissions	
1								☐ Yes ☐ No
2								☐ Yes ☐ No
3								☐ Yes ☐ No
4								☐ Yes ☐ No
5								☐ Yes ☐ No

AI 856 | Los Alamos National Laboratory

Operating Permit P100-R2M4

Monitoring Period January 1–June 30, 2021

ATTACHMENT A607.A.	Asphalt Plant – Differential Pressure Records
ATTACHMENT A607.C.	Asphalt Plant – Method 9 Opacity Reports
ATTACHMENT A607.E.	Asphalt Plant – Daily Operation Log and 12-Month Rolling Production
ATTACHMENT A607.F.	Asphalt Plant – Maintenance and Delivery Records
ATTACHMENT A607.G.	Asphalt Plant – Method 22 Opacity Reports
ATTACHMENT A707.B.a.	Beryllium – TA-03-0066 Beryllium Logs
ATTACHMENT A707.B.b.	Beryllium – TA-35-0213 Beryllium Operating Log
ATTACHMENT A707.C.a.	Beryllium – TA-03-0141 Beryllium HEPA Filter Differential Pressure Readings
ATTACHMENT A707.C.b.	Beryllium – TA-55-PF4 Annual HEPA Filter Challenge Test Reports
ATTACHMENT A707.C.c.	Beryllium – TA-55-PF4 HEPA Filtration Differential Pressure Readings
ATTACHMENT A806.A.	External Combustion – 20.2.61 NMAC Opacity
ATTACHMENT A806.C.	External Combustion – 20.2.61 NMAC Opacity – Units RLUOB-BHWs Fuel Oil-Fired
ATTACHMENT A807.A.	External Combustion – Natural Gas Usage and Rolling 12-Month Total
ATTACHMENT A807.B.	External Combustion – RLUOB Natural Gas and Fuel Oil Usage
ATTACHMENT A807.C. & D.	External Combustion – Fuel Oil Sulfur Content
ATTACHMENT A807.E.	External Combustion – Initial Compliance Testing (Unit RLUOB-BHW-4)
ATTACHMENT A807.F.a.	External Combustion – Operational Boiler Inspection
ATTACHMENT A807.F.b.	External Combustion – Revised Boiler Maintenance Procedures
ATTACHMENT A907.A.	Chemical Usage – Chemical Purchases (From ChemDB)
ATTACHMENT A907.B.a.	Chemical Usage – RLUOB-CHEM Chemical Purchases (From ChemDB)
ATTACHMENT A907.B.b.	Chemical Usage – RLUOB-CHEM Chemical Quantity Total
ATTACHMENT A1007.A.a.	Degreaser – Degreaser Solvent Usage (From Tracking Database)
ATTACHMENT A1007.A.b.	Degreaser – Completed Work Practice Checklists
ATTACHMENT A1104.A.	Internal Combustion – TA-33-G-1P Daily Operating Logs
ATTACHMENT A1104.B.	Internal Combustion – Permitted Generator Hours of Operation

AI 856 | Los Alamos National Laboratory

Operating Permit P100-R2M4

Monitoring Period January 1–June 30, 2021

ATTACHMENT A1106.A.	Internal Combustion – Method 9 Opacity Reports
ATTACHMENT A1107.A.	Internal Combustion – Operating Records for RLUOB Generators
ATTACHMENT A1107.B.	Internal Combustion – Operating Records for Permitted Emergency Generators
ATTACHMENT A1207.A.	Data Disintegrator – Operating Logs
ATTACHMENT A1207.B.	Data Disintegrator – Maintenance Performed
ATTACHMENT A1306.A.	TA-03 Power Plant – Opacity for Sources Combusting Natural Gas
ATTACHMENT A1306.B.	TA-03 Power Plant – Opacity for Boilers Combusting No. 2 Fuel Oil
ATTACHMENT A1307.A.	TA-03 Power Plant – Emission Rate Calculations
ATTACHMENT A1307.B.	TA-03 Power Plant – Boiler Fuel Use and Hours of Operation
ATTACHMENT A1307.C.	TA-03 Power Plant – Turbine Fuel Use and Hours of Operation
ATTACHMENT A1307.D.	TA-03 Power Plant – Turbine Operating Logs
ATTACHMENT A1307.E.	TA-03 Power Plant – FGR Fan Inspection and Maintenance
ATTACHMENT A1307.H.	TA-03 Power Plant – Combustion Turbine Emission Stack Test Report
ATTACHMENT A1407.A.	Open Burning
ATTACHMENT A1507.A.a.	Evaporative Sprayers – Analytical Data for Basin Water
ATTACHMENT A1507.A.b.	Evaporative Sprayers – Hours of Operation
ATTACHMENT A1507.B.	Evaporative Sprayers – Maintenance and Repair Requirements

ATTACHMENT A607.A.

Asphalt Plant

Differential Pressure Records

The Asphalt Plant did not operate during this reporting period and no differential pressure records were required.

ATTACHMENT A607.C.

Asphalt Plant

EPA Method 9 Opacity Reports

The Asphalt Plant did not operate during this reporting period and no EPA Method 9 opacity reports were required.

ATTACHMENT A607.E.

Asphalt Plant

Daily Operation Log and 12-Month Rolling Production

The Asphalt Plant did not operate during this reporting period and no daily operation logs were required.

2021 TA-60 BDM Asphalt Plant

Month	Asphalt Produced (Tons)	12-Month Rolling Total	Month	Asphalt Produced (Tons)	12-Month Rolling Total
January	0	97	July		
February	0	72	August		
March	0	65	September		
April	0	65	October		
May	0	65	November		
June	0	65	December		
6 mo. Total	0		6 mo. Total	0	

12-Month Rolling Production Permit Limit is 6,000 Tons

2021 Asphalt Produced (Tons)	0

Data Reviewed By / Date: K. Mahoney, 7/19/2021 (Jan-June)

Annual Hours			
Month	Hours	Month	Hours
Jan	0.0	Jul	
Feb	0.0	Aug	
Mar	0.0	Sep	
Apr	0.0	Oct	
May	0.0	Nov	
Jun	0.0	Dec	
Total:	0.0	Total:	0.0

Annual Total (to date)	0.0 Hours

Hours are Limited to 4,380 per Year

ATTACHMENT A607.F.

Asphalt Plant

Maintenance and Delivery Records

The Asphalt Plant did not operate during this reporting period and no maintenance and delivery records were required.

ATTACHMENT A607.G.

Asphalt Plant

EPA Method 22 Opacity Reports

The Asphalt Plant did not operate during this reporting period and no EPA Method 22 opacity reports were required.

ATTACHMENT A707.B.a.

Beryllium

TA-03-0066 Beryllium Logs

January 1, 2021 - June 30, 2021

Electroplating/Chemical Milling

Date	Weight of Beryllium Samples Processed (gm)	Controlled Emission Factor (gm emission/gm Used)	Controlled Be Emissions (gm)
2/11/2021	105.0	1.20E-05	1.26E-03
3/24/2021	45.0	1.20E-05	5.40E-04
Total Beryllium Emissions from Electroplating/Chemical Milling			**1.80E-03**

Note: Information required under Title V Operating Permit P100-R2M4, Section A707.B, Emissions Monitoring Requirements and A707.D, Reporting Requirements

January 1, 2021 - June 30, 2021

Machining

Date	Weight Beryllium Samples Used (gm)	Controlled Emission Factor (gm emission/gm Used)	Be Emissions (gm)
No beryllium processed during this period.		1.75E-09	0.00E+00
		Total Beryllium Emissions from Machining	**0.00E+00**

Note: Information required under Title V Operating Permit P100-R2M4, Section A707.B, Emissions Monitoring Requirements and A707.D, Reporting Requirements

January 1, 2021 - June 30, 2021

Arc Melting/Casting

Date	Weight of Beryllium Samples Used (gm)	Controlled Emission Factor (gm emission/gm Used)	Be Emissions (gm)
No beryllium processed during this period.		1.75E-09	0.00E+00
		Total Beryllium Emissions from Arc Melting/Casting	**0.00E+00**

Note: Information required under Title V Operating Permit P100-R2M4, Section A707.B, Emissions Monitoring Requirements and A707.D, Reporting Requirements

ATTACHMENT A707.B.b.

Beryllium

TA-35-0213 Beryllium Operating Log

TA-35-0213 Beryllium Operating Log
January 1 - June 30, 2021

January		February		March		April		May		June	
Date	**Hours**	**Date**	**Hours**	**Date**	**Hours**	**Date**	**Hours**	**Date**	**Hours**	**Date**	**Hours**
19-Jan-2021	4	2-Feb-2021	6	2-Mar-2021	6	1-Apr-2021	4	18-May-2021	6	1-Jun-2021	5
20-Jan-2021	6	3-Feb-2021	7	3-Mar-2021	6	13-Apr-2021	4	19-May-2021	5	2-Jun-2021	6
21-Jan-2021	6	4-Feb-2021	5	4-Mar-2021	5	14-Apr-2021	5	20-May-2021	5	3-Jun-2021	6
22-Jan-2021	5	5-Feb-2021	6	9-Mar-2021	5	15-Apr-2021	6	25-May-2021	6	7-Jun-2021	6
26-Jan-2021	6	8-Feb-2021	4	10-Mar-2021	6	16-Apr-2021	6	26-May-2021	7	8-Jun-2021	5
27-Jan-2021	6	9-Feb-2021	4	11-Mar-2021	6	20-Apr-2021	7	27-May-2021	4	9-Jun-2021	4
28-Jan-2021	6	10-Feb-2021	4	16-Mar-2021	7	21-Apr-2021	5	28-May-2021	6	10-Jun-2021	4
		16-Feb-2021	5	17-Mar-2021	5	22-Apr-2021	4	31-May-2021	5	11-Jun-2021	3
		17-Feb-2021	6	18-Mar-2021	5	26-Apr-2021	3			14-Jun-2021	6
		18-Feb-2021	6	19-Mar-2021	4	27-Apr-2021	4			15-Jun-2021	3
		19-Feb-2021	6	23-Mar-2021	5	28-Apr-2021	5			16-Jun-2021	4
		23-Feb-2021	6	24-Mar-2021	6	29-Apr-2021	6			17-Jun-2021	4
		24-Feb-2021	5	25-Mar-2021	6	30-Apr-2021	6			21-Jun-2021	4
		25-Feb-2021	4	30-Mar-2021	5					22-Jun-2021	6
				31-Mar-2021	5					23-Jun-2021	3
										24-Jun-2021	3
										25-Jun-2021	4
										28-Jun-2021	5
										29-Jun-2021	6
										30-Jun-2021	5
Total Hours	**39**		**74**		**82**		**65**		**44**		**92**

Total hours for January 1 - June 30, 2021: **396**

Reviewed by: Katelyn Mahoney, 7/19/2021

ATTACHMENT A707.C.a.

Beryllium

TA-03-0141 Beryllium HEPA Filter Differential Pressure Readings

NM STATE REPORTING

		HEPA 1	HEPA 2	DUST	YEAR
DAY 1	04:00	0.83	0.63	0.86	2021
	12:00	0.84	0.63	0.93	2021
	20:00	0.83	0.63	0.83	2021
DAY 2	04:00	0.82	0.63	0.85	2021
	12:00	0.82	0.63	0.87	2021
	20:00	0.83	0.63	0.78	2021
DAY 3	04:00	0.82	0.63	0.90	2021
	12:00	0.83	0.63	0.91	2021
	20:00	0.83	0.64	0.73	2021
DAY 4	04:00	0.83	0.63	0.88	2021
	12:00	0.81	0.61	0.66	2021
	20:00	0.82	0.62	0.62	2021
DAY 5	04:00	0.82	0.62	0.83	2021
	12:00	0.84	0.64	0.75	2021
	20:00	0.84	0.64	0.62	2021
DAY 6	04:00	0.84	0.63	0.86	2021
	12:00	0.84	0.64	0.69	2021
	20:00	0.82	0.63	0.58	2021
DAY 7	04:00	0.82	0.61	0.87	2021
	12:00	0.84	0.64	0.69	2021
	20:00	0.84	0.64	0.64	2021
DAY 8	04:00	0.83	0.63	0.64	2021
	12:00	0.84	0.63	0.75	2021
	20:00	0.83	0.63	0.65	2021
DAY 9	04:00	0.83	0.63	0.80	2021
	12:00	0.82	0.62	0.89	2021
	20:00	0.83	0.64	0.92	2021
DAY 10	04:00	0.83	0.63	0.81	2021
	12:00	0.83	0.63	0.86	2021
	20:00	0.84	0.63	0.92	2021

		HEPA 1	HEPA 2	DUST	YEAR
DAY 11	04:00	0.84	0.64	0.92	2021
	12:00	0.84	0.64	0.86	2021
	20:00	0.84	0.64	0.79	2021
DAY 12	04:00	0.82	0.62	0.85	2021
	12:00	0.84	0.63	0.91	2021
	20:00	0.87	0.65	0.75	2021
DAY 13	04:00	0.84	0.64	0.85	2021
	12:00	0.87	0.65	0.74	2021
	20:00	0.83	0.63	0.68	2021
DAY 14	04:00	0.83	0.64	0.82	2021
	12:00	0.82	0.62	0.72	2021
	20:00	0.86	0.66	0.59	2021
DAY 15	04:00	0.86	0.65	0.76	2021
	12:00	0.87	0.66	0.71	2021
	20:00	0.85	0.64	0.76	2021
DAY 16	04:00	0.85	0.64	0.79	2021
	12:00	0.85	0.65	0.87	2021
	20:00	0.87	0.66	0.65	2021
DAY 17	04:00	0.85	0.64	0.67	2021
	12:00	0.84	0.63	0.87	2021
	20:00	0.86	0.66	0.66	2021
DAY 18	04:00	0.85	0.65	0.80	2021
	12:00	0.83	0.64	0.66	2021
	20:00	0.86	0.65	0.78	2021
DAY 19	04:00	0.85	0.64	0.84	2021
	12:00	0.86	0.65	0.89	2021
	20:00	0.85	0.65	0.86	2021
DAY 20	04:00	0.86	0.65	0.81	2021
	12:00	0.84	0.64	0.93	2021
	20:00	0.83	0.63	0.74	2021

		HEPA 1	HEPA 2	DUST	YEAR
DAY 21	04:00	0.82	0.63	0.96	2021
	12:00	0.86	0.65	0.66	2021
	20:00	0.84	0.64	0.66	2021
DAY 22	04:00	0.82	0.63	0.85	2021
	12:00	0.83	0.64	0.74	2021
	20:00	0.82	0.62	0.68	2021
DAY 23	04:00	0.83	0.64	0.64	2021
	12:00	0.84	0.63	0.81	2021
	20:00	0.84	0.63	0.70	2021
DAY 24	04:00	0.83	0.64	0.73	2021
	12:00	0.83	0.63	0.67	2021
	20:00	0.83	0.64	0.68	2021
DAY 25	04:00	0.83	0.64	0.83	2021
	12:00	0.87	0.65	0.95	2021
	20:00	0.83	0.64	0.87	2021
DAY 26	04:00	0.83	0.64	0.88	2021
	12:00	0.87	0.66	0.82	2021
	20:00	0.85	0.65	0.84	2021
DAY 27	04:00	0.84	0.64	0.81	2021
	12:00	0.88	0.67	0.89	2021
	20:00	0.87	0.66	0.61	2021
DAY 28	04:00	0.87	0.65	0.86	2021
	12:00	0.88	0.67	0.72	2021
	20:00	0.89	0.67	0.78	2021
DAY 29	04:00	0.89	0.67	0.80	2021
	12:00	0.88	0.66	0.69	2021
	20:00	0.86	0.65	0.63	2021
DAY 30	04:00	0.89	0.66	0.80	2021
	12:00	0.87	0.65	0.84	2021
	20:00	0.89	0.66	0.77	2021

		HEPA 1	HEPA 2	DUST	YEAR
DAY 31	04:00	0.88	0.65	0.82	2021
	12:00	0.87	0.66	0.83	2021
	20:00	0.89	0.66	0.65	2021

JAN FEB MAR

APR MAY JUN

JUL AUG SEP

OCT NOV DEC

MONTH DISPLAYED IS
JANUARY

PRINT SCREEN MAIN

3:02:34 PM Thursday, July 01, 2021

NM STATE REPORTING

		HEPA 1	HEPA 2	DUST	YEAR
DAY 1	04:00	0.67	0.65	0.82	2021
	12:00	0.87	0.65	0.71	2021
	20:00	0.89	0.67	0.63	2021
DAY 2	04:00	0.92	0.68	0.62	2021
	12:00	0.90	0.67	0.79	2021
	20:00	0.89	0.66	0.79	2021
DAY 3	04:00	0.92	0.69	0.71	2021
	12:00	0.89	0.66	0.86	2021
	20:00	0.89	0.66	0.78	2021
DAY 4	04:00	0.87	0.66	0.70	2021
	12:00	0.91	0.68	0.71	2021
	20:00	0.87	0.66	0.65	2021
DAY 5	04:00	0.87	0.65	0.90	2021
	12:00	0.87	0.65	0.68	2021
	20:00	0.89	0.67	0.62	2021
DAY 6	04:00	0.89	0.66	0.84	2021
	12:00	0.88	0.66	0.97	2021
	20:00	0.89	0.67	0.67	2021
DAY 7	04:00	0.88	0.66	0.80	2021
	12:00	0.88	0.67	0.67	2021
	20:00	0.88	0.66	0.77	2021
DAY 8	04:00	0.88	0.66	0.67	2021
	12:00	0.91	0.68	0.70	2021
	20:00	0.91	0.69	0.73	2021
DAY 9	04:00	0.91	0.68	0.70	2021
	12:00	0.88	0.65	0.82	2021
	20:00	0.89	0.67	0.78	2021
DAY 10	04:00	0.88	0.67	0.68	2021
	12:00	0.86	0.65	0.64	2021
	20:00	0.89	0.66	0.72	2021

		HEPA 1	HEPA 2	DUST	YEAR
DAY 11	04:00	0.89	0.67	0.61	2021
	12:00	0.88	0.66	0.68	2021
	20:00	0.90	0.67	0.66	2021
DAY 12	04:00	0.90	0.68	0.74	2021
	12:00	0.90	0.67	0.81	2021
	20:00	0.89	0.67	0.70	2021
DAY 13	04:00	0.87	0.66	0.69	2021
	12:00	0.87	0.66	0.74	2021
	20:00	0.90	0.68	0.78	2021
DAY 14	04:00	0.87	0.66	0.83	2021
	12:00	0.88	0.65	0.89	2021
	20:00	0.87	0.65	0.87	2021
DAY 15	04:00	-0.0	-0.0	-0.1	2021
	12:00	-0.0	-0.0	-0.2	2021
	20:00	-0.0	-0.0	-0.4	2021
DAY 16	04:00	-0.0	-0.0	-0.3	2021
	12:00	-0.0	-0.0	-0.3	2021
	20:00	-0.0	-0.0	-0.2	2021
DAY 17	04:00	-0.0	-0.0	-0.3	2021
	12:00	-0.0	-0.0	-0.4	2021
	20:00	0.80	0.63	-0.2	2021
DAY 18	04:00	0.79	0.62	-0.2	2021
	12:00	0.81	0.63	-0.1	2021
	20:00	0.77	0.61	-0.1	2021
DAY 19	04:00	0.78	0.61	-0.1	2021
	12:00	0.80	0.62	-0.1	2021
	20:00	0.88	0.67	0.64	2021
DAY 20	04:00	0.87	0.65	0.87	2021
	12:00	0.88	0.65	0.90	2021
	20:00	0.89	0.66	0.70	2021

		HEPA 1	HEPA 2	DUST	YEAR
DAY 21	04:00	0.87	0.66	0.81	2021
	12:00	0.88	0.66	0.85	2021
	20:00	0.88	0.66	0.66	2021
DAY 22	04:00	0.87	0.65	0.86	2021
	12:00	0.90	0.68	0.66	2021
	20:00	0.87	0.65	0.67	2021
DAY 23	04:00	0.87	0.65	0.64	2021
	12:00	0.90	0.67	0.69	2021
	20:00	0.91	0.67	0.71	2021
DAY 24	04:00	0.92	0.69	0.71	2021
	12:00	0.89	0.68	0.76	2021
	20:00	0.89	0.67	0.75	2021
DAY 25	04:00	0.88	0.67	0.77	2021
	12:00	0.90	0.68	1.04	2021
	20:00	0.88	0.66	0.68	2021
DAY 26	04:00	0.87	0.67	0.87	2021
	12:00	0.88	0.67	0.73	2021
	20:00	0.89	0.68	0.72	2021
DAY 27	04:00	0.89	0.67	0.60	2021
	12:00	0.88	0.67	0.71	2021
	20:00	0.89	0.67	0.67	2021
DAY 28	04:00	0.88	0.66	0.87	2021
	12:00	0.88	0.66	0.88	2021
	20:00	0.88	0.66	0.87	2021

JAN | FEB | MAR

APR | MAY | JUN

JUL | AUG | SEP

OCT | NOV | DEC

MONTH DISPLAYED IS
FEBRUARY

PRINT SCREEN | MAIN

3:03:04 PM Thursday, July 01, 2021

NM STATE REPORTING

		HEPA 1	HEPA 2	DUST	YEAR
DAY 1	04:00	0.88	0.66	0.95	2021
	12:00	0.86	0.65	1.04	2021
	20:00	0.88	0.66	0.66	2021
DAY 2	04:00	0.87	0.66	0.81	2021
	12:00	0.90	0.68	0.65	2021
	20:00	0.87	0.66	0.76	2021
DAY 3	04:00	0.87	0.66	0.63	2021
	12:00	0.88	0.66	0.73	2021
	20:00	0.89	0.66	0.74	2021
DAY 4	04:00	0.88	0.66	0.70	2021
	12:00	0.89	0.67	0.84	2021
	20:00	0.91	0.68	0.72	2021
DAY 5	04:00	0.91	0.68	0.83	2021
	12:00	0.88	0.66	0.69	2021
	20:00	0.87	0.65	0.73	2021
DAY 6	04:00	0.88	0.67	0.61	2021
	12:00	0.88	0.66	0.74	2021
	20:00	0.88	0.66	0.74	2021
DAY 7	04:00	0.88	0.67	0.58	2021
	12:00	0.88	0.66	0.73	2021
	20:00	0.88	0.67	0.73	2021
DAY 8	04:00	0.88	0.66	0.76	2021
	12:00	0.89	0.67	0.76	2021
	20:00	0.87	0.66	0.78	2021
DAY 9	04:00	0.89	0.67	0.73	2021
	12:00	0.87	0.66	0.72	2021
	20:00	0.88	0.65	0.70	2021
DAY 10	04:00	0.89	0.67	0.65	2021
	12:00	0.91	0.69	0.62	2021
	20:00	0.91	0.68	0.65	2021

		HEPA 1	HEPA 2	DUST	YEAR
DAY 11	04:00	0.98	0.69	0.80	2021
	12:00	0.87	0.66	0.79	2021
	20:00	0.92	0.68	0.74	2021
DAY 12	04:00	0.92	0.69	0.68	2021
	12:00	0.89	0.67	0.72	2021
	20:00	0.88	0.66	0.76	2021
DAY 13	04:00	0.89	0.67	0.64	2021
	12:00	0.89	0.67	0.69	2021
	20:00	0.88	0.66	0.77	2021
DAY 14	04:00	0.88	0.67	0.91	2021
	12:00	0.86	0.65	0.88	2021
	20:00	0.88	0.67	0.71	2021
DAY 15	04:00	0.88	0.67	0.64	2021
	12:00	0.90	0.68	0.68	2021
	20:00	0.90	0.68	0.75	2021
DAY 16	04:00	0.90	0.68	0.60	2021
	12:00	0.89	0.67	0.72	2021
	20:00	0.89	0.67	0.56	2021
DAY 17	04:00	0.88	0.66	0.67	2021
	12:00	0.89	0.66	0.81	2021
	20:00	0.89	0.67	0.72	2021
DAY 18	04:00	0.87	0.65	0.78	2021
	12:00	0.88	0.66	0.69	2021
	20:00	0.88	0.66	0.72	2021
DAY 19	04:00	0.89	0.66	0.70	2021
	12:00	0.89	0.67	0.81	2021
	20:00	0.86	0.65	0.76	2021
DAY 20	04:00	0.88	0.66	0.78	2021
	12:00	0.88	0.66	0.81	2021
	20:00	0.89	0.67	0.87	2021

		HEPA 1	HEPA 2	DUST	YEAR
DAY 21	04:00	0.89	0.67	0.74	2021
	12:00	0.87	0.66	0.75	2021
	20:00	0.88	0.66	0.78	2021
DAY 22	04:00	0.88	0.67	0.72	2021
	12:00	0.91	0.68	0.70	2021
	20:00	0.90	0.67	0.69	2021
DAY 23	04:00	0.91	0.69	0.81	2021
	12:00	0.89	0.67	0.65	2021
	20:00	0.88	0.66	0.65	2021
DAY 24	04:00	0.88	0.66	0.83	2021
	12:00	0.84	0.65	-0.1	2021
	20:00	0.83	0.64	-0.1	2021
DAY 25	04:00	0.82	0.63	-0.1	2021
	12:00	0.89	0.66	0.64	2021
	20:00	0.88	0.67	0.65	2021
DAY 26	04:00	0.87	0.66	0.64	2021
	12:00	0.88	0.66	0.63	2021
	20:00	0.87	0.65	0.61	2021
DAY 27	04:00	0.88	0.66	0.69	2021
	12:00	0.88	0.66	0.84	2021
	20:00	0.89	0.67	0.69	2021
DAY 28	04:00	0.88	0.66	0.68	2021
	12:00	0.87	0.65	0.72	2021
	20:00	0.88	0.67	0.77	2021
DAY 29	04:00	0.88	0.67	0.77	2021
	12:00	0.88	0.66	0.81	2021
	20:00	0.88	0.66	0.81	2021
DAY 30	04:00	0.89	0.66	0.72	2021
	12:00	0.91	0.68	0.77	2021
	20:00	0.88	0.67	0.72	2021

		HEPA 1	HEPA 2	DUST	YEAR
DAY 31	04:00	0.89	0.67	0.80	2021
	12:00	0.91	0.69	0.66	2021
	20:00	0.90	0.67	0.74	2021

JAN FEB MAR

APR MAY JUN

JUL AUG SEP

OCT NOV DEC

MONTH DISPLAYED IS
MARCH

PRINT SCREEN MAIN

3:03:31 PM Thursday, July 01, 2021

NM STATE REPORTING

		HEPA 1	HEPA 2	DUST	YEAR
DAY 1	04:00	0.88	0.67	0.60	2021
	12:00	0.88	0.66	0.89	2021
	20:00	0.89	0.67	0.78	2021
DAY 2	04:00	0.88	0.67	0.72	2021
	12:00	0.87	0.66	0.80	2021
	20:00	0.88	0.67	0.85	2021
DAY 3	04:00	0.88	0.67	0.73	2021
	12:00	0.88	0.66	0.91	2021
	20:00	0.89	0.66	0.93	2021
DAY 4	04:00	0.88	0.66	0.82	2021
	12:00	0.87	0.67	0.91	2021
	20:00	0.88	0.66	0.94	2021
DAY 5	04:00	0.87	0.66	0.82	2021
	12:00	0.87	0.66	1.05	2021
	20:00	0.88	0.66	0.92	2021
DAY 6	04:00	0.89	0.66	0.80	2021
	12:00	0.90	0.67	0.85	2021
	20:00	0.93	0.69	0.73	2021
DAY 7	04:00	0.91	0.69	0.61	2021
	12:00	0.92	0.70	0.73	2021
	20:00	0.87	0.65	0.81	2021
DAY 8	04:00	0.88	0.66	0.72	2021
	12:00	0.91	0.68	0.89	2021
	20:00	0.88	0.66	0.81	2021
DAY 9	04:00	0.88	0.66	0.68	2021
	12:00	0.88	0.67	0.72	2021
	20:00	0.87	0.66	0.80	2021
DAY 10	04:00	0.88	0.66	0.71	2021
	12:00	0.88	0.66	0.77	2021
	20:00	0.89	0.68	0.83	2021

		HEPA 1	HEPA 2	DUST	YEAR
DAY 11	04:00	0.88	0.67	0.74	2021
	12:00	0.87	0.65	0.79	2021
	20:00	0.89	0.66	0.84	2021
DAY 12	04:00	0.89	0.67	0.73	2021
	12:00	0.88	0.67	0.78	2021
	20:00	0.92	0.69	0.80	2021
DAY 13	04:00	0.92	0.69	0.66	2021
	12:00	0.88	0.67	0.75	2021
	20:00	0.89	0.67	0.72	2021
DAY 14	04:00	0.89	0.67	0.73	2021
	12:00	0.94	0.70	0.74	2021
	20:00	0.92	0.68	0.79	2021
DAY 15	04:00	0.93	0.69	0.73	2021
	12:00	0.93	0.69	0.75	2021
	20:00	0.93	0.70	0.79	2021
DAY 16	04:00	0.92	0.68	0.65	2021
	12:00	0.94	0.70	0.76	2021
	20:00	0.94	0.69	0.78	2021
DAY 17	04:00	0.92	0.68	0.68	2021
	12:00	0.92	0.68	0.71	2021
	20:00	0.92	0.69	0.66	2021
DAY 18	04:00	0.91	0.69	0.66	2021
	12:00	0.92	0.68	0.86	2021
	20:00	0.92	0.68	0.74	2021
DAY 19	04:00	0.92	0.68	0.65	2021
	12:00	0.93	0.69	0.76	2021
	20:00	0.93	0.69	0.74	2021
DAY 20	04:00	0.92	0.68	0.72	2021
	12:00	0.92	0.69	0.73	2021
	20:00	0.93	0.69	0.79	2021

		HEPA 1	HEPA 2	DUST	YEAR
DAY 21	04:00	0.91	0.69	0.61	2021
	12:00	0.92	0.70	0.85	2021
	20:00	0.89	0.68	0.73	2021
DAY 22	04:00	0.89	0.66	0.72	2021
	12:00	0.90	0.68	0.78	2021
	20:00	0.87	0.66	0.79	2021
DAY 23	04:00	0.89	0.68	0.74	2021
	12:00	0.89	0.67	0.69	2021
	20:00	0.88	0.66	0.70	2021
DAY 24	04:00	0.87	0.66	0.68	2021
	12:00	0.87	0.66	0.79	2021
	20:00	0.89	0.67	0.92	2021
DAY 25	04:00	0.90	0.67	0.77	2021
	12:00	0.89	0.67	0.93	2021
	20:00	0.90	0.67	1.00	2021
DAY 26	04:00	0.89	0.67	0.81	2021
	12:00	0.89	0.67	0.93	2021
	20:00	0.90	0.67	0.90	2021
DAY 27	04:00	0.89	0.68	0.70	2021
	12:00	0.91	0.68	0.77	2021
	20:00	0.94	0.69	0.73	2021
DAY 28	04:00	0.89	0.68	0.59	2021
	12:00	0.92	0.69	0.73	2021
	20:00	0.89	0.68	0.72	2021
DAY 29	04:00	0.89	0.67	0.60	2021
	12:00	0.91	0.69	0.93	2021
	20:00	0.92	0.68	0.84	2021
DAY 30	04:00	0.89	0.68	0.74	2021
	12:00	0.90	0.68	0.84	2021
	20:00	0.91	0.70	0.86	2021

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NM STATE REPORTING

		HEPA 1	HEPA 2	DUST	YEAR
DAY 1	04:00	0.92	0.69	0.77	2021
	12:00	0.92	0.68	0.91	2021
	20:00	0.92	0.68	0.98	2021
DAY 2	04:00	0.94	0.69	0.80	2021
	12:00	0.91	0.68	0.90	2021
	20:00	0.92	0.69	0.93	2021
DAY 3	04:00	0.92	0.69	0.76	2021
	12:00	0.95	0.72	0.75	2021
	20:00	0.86	0.67	0.72	2021
DAY 4	04:00	0.87	0.66	0.69	2021
	12:00	0.89	0.66	0.77	2021
	20:00	0.93	0.69	0.87	2021
DAY 5	04:00	0.90	0.69	0.73	2021
	12:00	0.88	0.67	0.86	2021
	20:00	0.90	0.67	0.94	2021
DAY 6	04:00	0.88	0.66	0.76	2021
	12:00	0.87	0.65	0.90	2021
	20:00	0.89	0.67	0.98	2021
DAY 7	04:00	0.88	0.66	0.90	2021
	12:00	0.89	0.66	0.99	2021
	20:00	0.89	0.67	0.93	2021
DAY 8	04:00	0.87	0.65	0.85	2021
	12:00	0.88	0.67	0.91	2021
	20:00	0.88	0.67	0.91	2021
DAY 9	04:00	0.89	0.67	0.77	2021
	12:00	0.89	0.67	0.88	2021
	20:00	0.89	0.67	0.90	2021
DAY 10	04:00	0.89	0.67	0.80	2021
	12:00	0.88	0.66	0.86	2021
	20:00	0.92	0.68	0.93	2021

		HEPA 1	HEPA 2	DUST	YEAR
DAY 11	04:00	0.92	0.70	0.71	2021
	12:00	0.91	0.69	0.80	2021
	20:00	0.87	0.66	0.92	2021
DAY 12	04:00	0.88	0.66	0.71	2021
	12:00	0.89	0.66	0.82	2021
	20:00	0.88	0.66	0.94	2021
DAY 13	04:00	0.89	0.67	0.75	2021
	12:00	0.91	0.68	0.86	2021
	20:00	0.89	0.67	0.95	2021
DAY 14	04:00	0.88	0.66	0.89	2021
	12:00	0.88	0.66	0.96	2021
	20:00	0.90	0.68	0.98	2021
DAY 15	04:00	0.91	0.68	0.87	2021
	12:00	0.88	0.66	1.03	2021
	20:00	0.90	0.67	0.97	2021
DAY 16	04:00	0.86	0.65	0.85	2021
	12:00	0.88	0.66	0.95	2021
	20:00	0.88	0.66	0.97	2021
DAY 17	04:00	0.88	0.66	0.88	2021
	12:00	0.90	0.67	0.91	2021
	20:00	0.93	0.70	0.73	2021
DAY 18	04:00	0.92	0.69	0.69	2021
	12:00	0.90	0.68	0.83	2021
	20:00	0.89	0.67	0.72	2021
DAY 19	04:00	0.87	0.66	0.73	2021
	12:00	0.91	0.69	0.87	2021
	20:00	0.89	0.66	0.79	2021
DAY 20	04:00	0.88	0.66	0.78	2021
	12:00	0.89	0.67	0.92	2021
	20:00	0.89	0.67	0.97	2021

		HEPA 1	HEPA 2	DUST	YEAR
DAY 21	04:00	0.90	0.68	0.87	2021
	12:00	0.88	0.66	0.98	2021
	20:00	0.91	0.69	0.89	2021
DAY 22	04:00	0.90	0.67	0.75	2021
	12:00	0.90	0.67	0.97	2021
	20:00	0.89	0.67	0.91	2021
DAY 23	04:00	0.90	0.67	0.85	2021
	12:00	0.90	0.67	0.95	2021
	20:00	0.89	0.66	0.94	2021
DAY 24	04:00	0.88	0.66	0.79	2021
	12:00	0.02	0.03	-0.1	2021
	20:00	0.89	0.67	0.97	2021
DAY 25	04:00	0.88	0.65	0.80	2021
	12:00	0.88	0.67	0.93	2021
	20:00	0.91	0.68	0.96	2021
DAY 26	04:00	0.92	0.69	0.87	2021
	12:00	0.91	0.69	0.98	2021
	20:00	0.90	0.67	1.00	2021
DAY 27	04:00	0.87	0.66	0.87	2021
	12:00	0.88	0.66	0.96	2021
	20:00	0.89	0.66	1.04	2021
DAY 28	04:00	0.88	0.66	0.87	2021
	12:00	0.87	0.66	0.93	2021
	20:00	0.88	0.66	1.01	2021
DAY 29	04:00	0.89	0.66	0.81	2021
	12:00	0.89	0.66	1.03	2021
	20:00	0.89	0.66	1.05	2021
DAY 30	04:00	0.88	0.66	0.86	2021
	12:00	0.88	0.66	0.97	2021
	20:00	0.88	0.66	0.93	2021

		HEPA 1	HEPA 2	DUST	YEAR
DAY 31	04:00	0.90	0.67	0.84	2021
	12:00	0.88	0.67	0.89	2021
	20:00	0.88	0.66	0.75	2021

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NM STATE REPORTING

		HEPA 1	HEPA 2	DUST	YEAR
DAY 1	04:00	0.88	0.67	0.74	2021
	12:00	0.91	0.68	0.82	2021
	20:00	0.90	0.67	0.97	2021
DAY 2	04:00	0.90	0.67	0.87	2021
	12:00	0.90	0.67	1.06	2021
	20:00	0.89	0.67	0.95	2021
DAY 3	04:00	0.88	0.66	0.89	2021
	12:00	0.90	0.67	1.08	2021
	20:00	0.90	0.68	1.02	2021
DAY 4	04:00	0.90	0.67	0.84	2021
	12:00	0.92	0.68	0.93	2021
	20:00	0.89	0.66	1.05	2021
DAY 5	04:00	0.89	0.67	0.97	2021
	12:00	0.88	0.66	1.05	2021
	20:00	0.89	0.67	1.05	2021
DAY 6	04:00	0.89	0.66	0.98	2021
	12:00	0.89	0.66	1.09	2021
	20:00	0.89	0.66	1.04	2021
DAY 7	04:00	0.90	0.67	0.88	2021
	12:00	0.92	0.69	1.08	2021
	20:00	0.90	0.67	1.15	2021
DAY 8	04:00	0.90	0.68	0.98	2021
	12:00	0.90	0.67	1.23	2021
	20:00	0.89	0.67	1.18	2021
DAY 9	04:00	0.89	0.67	1.01	2021
	12:00	0.92	0.68	1.14	2021
	20:00	0.88	0.66	1.15	2021
DAY 10	04:00	0.89	0.66	1.03	2021
	12:00	0.90	0.67	1.06	2021
	20:00	0.89	0.66	1.19	2021

		HEPA 1	HEPA 2	DUST	YEAR
DAY 11	04:00	0.89	0.67	1.04	2021
	12:00	0.89	0.67	1.13	2021
	20:00	0.89	0.66	1.16	2021
DAY 12	04:00	0.89	0.67	0.99	2021
	12:00	0.91	0.69	1.12	2021
	20:00	0.90	0.68	1.22	2021
DAY 13	04:00	0.88	0.66	1.02	2021
	12:00	0.87	0.66	1.12	2021
	20:00	0.89	0.67	1.20	2021
DAY 14	04:00	0.89	0.67	1.02	2021
	12:00	0.89	0.67	1.17	2021
	20:00	0.93	0.69	1.27	2021
DAY 15	04:00	0.90	0.69	1.06	2021
	12:00	-0.0	-0.0	0.16	2021
	20:00	0.96	0.71	1.16	2021
DAY 16	04:00	0.92	0.68	1.02	2021
	12:00	0.93	0.68	1.13	2021
	20:00	0.93	0.69	1.22	2021
DAY 17	04:00	0.92	0.68	1.09	2021
	12:00	0.92	0.69	1.18	2021
	20:00	0.93	0.68	1.18	2021
DAY 18	04:00	0.93	0.69	1.04	2021
	12:00	0.93	0.69	1.20	2021
	20:00	0.92	0.68	1.13	2021
DAY 19	04:00	0.93	0.70	1.01	2021
	12:00	0.91	0.68	1.13	2021
	20:00	0.92	0.68	1.13	2021
DAY 20	04:00	0.92	0.69	1.00	2021
	12:00	0.91	0.68	1.13	2021
	20:00	0.93	0.68	1.18	2021

		HEPA 1	HEPA 2	DUST	YEAR
DAY 21	04:00	0.92	0.69	1.08	2021
	12:00	0.94	0.70	1.09	2021
	20:00	0.93	0.69	1.11	2021
DAY 22	04:00	0.91	0.68	0.91	2021
	12:00	0.92	0.68	1.02	2021
	20:00	0.93	0.68	1.17	2021
DAY 23	04:00	0.92	0.69	1.04	2021
	12:00	0.93	0.68	1.26	2021
	20:00	0.93	0.68	1.15	2021
DAY 24	04:00	0.92	0.69	0.96	2021
	12:00	0.93	0.68	1.05	2021
	20:00	0.92	0.68	0.99	2021
DAY 25	04:00	0.92	0.69	0.92	2021
	12:00	0.92	0.69	1.00	2021
	20:00	0.94	0.69	1.02	2021
DAY 26	04:00	0.92	0.68	0.92	2021
	12:00	0.92	0.68	0.98	2021
	20:00	0.92	0.68	0.99	2021
DAY 27	04:00	0.92	0.68	0.84	2021
	12:00	0.91	0.67	0.78	2021
	20:00	0.91	0.68	0.81	2021
DAY 28	04:00	0.91	0.68	0.74	2021
	12:00	0.91	0.68	0.96	2021
	20:00	0.92	0.67	0.88	2021
DAY 29	04:00	0.90	0.67	0.83	2021
	12:00	0.92	0.69	0.85	2021
	20:00	0.92	0.68	0.80	2021
DAY 30	04:00	0.90	0.67	0.77	2021
	12:00	0.91	0.69	0.89	2021
	20:00	0.92	0.68	0.90	2021

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ATTACHMENT A707.C.b.

Beryllium

TA-55-PF4 Annual HEPA Filter Challenge Test Reports

Annual HEPA filter tests for the Plutonium Facility TA-55-PF4 were not conducted in the months of January – June.

ATTACHMENT A707.C.c.

Beryllium

TA-55-PF4 HEPA Filtration Differential Pressure Readings

Attachment B, Surveillance Training Checklist

(Page 1 of 2)

Procedure title:	SURVEILLANCE ROUNDS
Procedure no.:	TA55-STP-004, R21
Date of issue:	01/01/21
Working copy issued to:	F. SEYBERT
Working copy issued by:	F. SEYBERT
	Certified Operations Center Operator (OCO)

Procedure is the current revision listed in Documentum: ☑ Yes ☐ Documentum Unavailable

Performance Type: ☑ Scheduled ☐ Partial ☐ Other *If partial or other list reason in Comments below*

Comments: *(Document TSR Status Board tracking date here if different from completion date.)*

Training Checklist:

Workers Performing Surveillance	Applicable Surveillance Training Current	
	OCO Initials	Date
J. CIVILLO	[illegible]	01/01/21
B. CHANCE	[illegible]	
C. COCHRAN	[illegible]	
D. HEINISCHKE	[illegible]	
T. STILSON	[illegible]	
M. WELLS	[illegible]	
J. DELANOY	[illegible]	
A. JAURIGUE	[illegible]	
M. MILLER	[illegible]	01/01/21

OC Reviews Complete and TSR Status Board Updated

[signature] 1/31/21

OCO Signature Date

FOR INFORMATION ONLY

Attachment B, Surveillance Training Checklist (continued)
(Page 2 of 2)

Training Checklist (continuation sheet)

Workers Performing Surveillance	Applicable Surveillance Training Current	
	Initials	Date
R. PRECE	[illegible]	01/01/21
L. SEYBERT	[illegible]	
D. DUNLAVY	[illegible]	
K. ASHLEY	[illegible]	
M. WASEBURN	[illegible]	
J. HEMPRECHS	[illegible]	
R. HOHNER	[illegible]	
M. ERESH	[illegible]	
T. LANGWORTHY	[illegible]	
J. MARTINEZ	[illegible]	
R. MARTINEZ	[illegible]	
S. ONEILL	[illegible]	
A. SANCHEZ	[illegible]	
M. VEGEL	[illegible]	
A. CANTU	[illegible]	
P. CONNELLY	[illegible]	
K. BRAUER	[illegible]	
B. FORDHAM	[illegible]	01/01/21

FOR INFORMATION ONLY

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 1 of 3)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

FOR INFORMATION ONLY

Note Gauge readings should be taken on rack #4 in the OC. whenever possible. Document if alternate PDIs are used.		**Date:**									1/1/21		1/2/21		1/3/21	
		Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
		Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
		Initials:									M	JSC	M	JSC	M	JSC
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**												
4.1.1.1 4.1.2.1[2]	**200 area glovebox exhaust header ΔP**	PDI-814-1 or PDI-814-2	≤-1.5 in. wc[1]								-2.00	-2.01	-1.99	-2.00	-1.99	-2.00
	100 area glovebox exhaust header ΔP	PDI-820-1 or PDI-820-2	≤-1.5 in. wc[1]								-1.92	-1.93	-1.92	-1.92	-1.92	-1.93
	300 area glovebox exhaust header ΔP	PDI-870-1 or PDI-870-2	≤-1.5 in. wc[1]								-1.97	-1.97	-1.97	-1.98	-1.97	-1.97
	400 area glovebox exhaust header ΔP	PDI-864-1 or PDI-864-2	≤-1.5 in. wc[1]								-2.00	-2.00	-2.01	-2.00	-2.00	-2.00
4.1.1.2 4.1.1.5[3] 4.1.2.2[2]	**200 area laboratory header ΔP**	PDI-803-1 or PDI-803-2	≤-0.05 in. wc[1]								-.20	-0.20	-.19	-0.20	-.19	-0.20
	100 area laboratory header ΔP	PDI-802-1 or PDI-802-2	≤-0.05 in. wc[1]								-.26	-0.26	-.26	-0.26	-.26	-0.26
	300 area laboratory header ΔP	PDI-853-1 or PDI-853-2	≤-0.05 in. wc[1]								-.20	-0.20	-.20	-0.20	-.20	-0.20
	400 area laboratory header ΔP	PDI-852-1 or PDI-852-2	≤-0.05 in. wc[1]								-.20	-0.20	-.20	-0.20	-.20	-0.19
	IFIT Facility ΔP	PDI-865-4 or PDI-865-5	≤-0.05 in. wc								-.15	-0.15	-.15	-0.15	-.15	-0.15
4.1.1.3 4.1.2.3[2]	**North basement ΔP**	PDI-804-1 or PDI-804-2	< 0.00 in. wc								-.09	-0.09	-.09	-0.09	-.09	-0.09
	South basement ΔP	PDI-854-1 or PDI-854-2	< 0.00 in. wc								-.09	-0.08	-.08	-0.08	-.08	-0.08
	IRT Tunnel ΔP	PDT-901 or PDI-901	< 0.00 in. wc								-.112	-0.098	-.115	-0.114	-.113	-0.116

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 2 of 3)

FOR INFORMATION ONLY

Note: Readings should be taken using FCS screens FMT#151,152,201LD and 202LD. Field verification and local plenum PDI's may be used if FCS is unavailable.		Date:									1/1/21		1/2/21		1/3/21	
		Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
		Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
		Initials:									M	JSL	M	JSL	M	JSL
SRs	**Description**	**Readings**	**Acceptance Criteria**	**SURVEILLANCE RESULTS Sat / Unsat (circle one)**												
4.1.1.6	**200 area re-circulation fan/ plenum**	FR-801 Icon red and PDT-831 ΔP >.050 or FR-802 Icon red and PDT-832 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat
	100 area re-circulation fan/ plenum	FR-803 Icon red and PDT-833 ΔP >.050 or FR-804 Icon red and PDT-835 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat
	300 area re-circulation fan/ plenum	FR-805 Icon red and PDT-836 ΔP >.050 or FR-806 Icon red and PDT-837 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat
	400 area re-circulation fan/ plenum	FR-807 Icon red and PDT-838 ΔP >.050 or FR-808 Icon red and PDT-839 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat
	Vault re-circulation fan/ plenum	FR-811 Icon red and PDT-840 ΔP >.050 or FR-812 Icon red and PDT-841 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 3 of 3)

FOR INFORMATION ONLY

Note Gauge readings should be taken on rack #4 in the OC when possible, local PDI equivalents may be used if necessary. Document any alternate PDIs used.				**Date:**								1/1/21		1/2/21		1/3/21	
				Weekday:	Mon		Tue		Wed		Thu		Fri		Sat		Sun	
				Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
				Initials:									M	JSL	M	JSL	M	JSL
SRs	**Description**	**Area**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS** Sat / Unsat (circle one)													
4.1.1.4	**Glovebox exhaust header ΔPs < laboratory ΔPs < basement ΔPs for areas 100, 200, 300 and 400**	200 Area	PDI-814-2 PDI-803-2 PDI-804-2	PDI-814-2 < PDI-803-2 < PDI-804-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		100 Area	PDI-820-2 PDI-802-2 PDI-804-2	PDI-820-2 < PDI-802-2 < PDI-804-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		300 Area	PDI-870-2 PDI-853-2 PDI-854-2	PDI-870-2 < PDI-853-2 < PDI-854-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		400 Area	PDI-864-2 PDI-852-2 PDI-854-2	PDI-864-2 < PDI-852-2 < PDI-854-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		Completion Time											0731	1917	0731	1914	0732	1913
		OCS Daily Review Sign off (initials)																

[1] Mode 2 acceptance criteria is < 0.00 in. wc.

[2] SRs 4.1.2.x only apply during Mode 2 in accordance with LCO 3.1.2.

[3] SRs 4.1.1.5 is only applicable when MAR is in the IFIT Facility

Completed by: JSL Date 1-3-20 Time 1913 Reviewed by: _____ Date: 1/3/21 Time: 1922

On-duty Supervisor

Comments: _____

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 1 of 4)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

SR 4.4.1.1, The OPERABILITY acceptance criterion for this surveillance is:
The FLAMMABLE GAS detector in the FSTF FLAMMABLE GAS SOURCE storage cabinet is exposed to the ambient atmosphere in the storage cabinet. The gas concentration readout directly on the detector in the storage cabinet is compared with the gas concentration readout on the system control and alarm panel. The difference between the two readings is checked to VERIFY it is in the range of (≥-0.1; ≤0.1).

		Date:					1-1-21	1-2-21	1-3-21
		Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
		Initials:					RH	RH	RH
	Description / Gauge	**Acceptance Criteria**	**SURVEILLANCE RESULTS (percentage)**						
SR 4.4.1.1	**Flammable Gas Channel Check DET-305-3 (LCD Reading)**	NA					005	005	005
	CP-305-H (LED Reading)						005	005	009
	(DET-305-3) – (CP-305H)	Record Calculated Value					005	005	005
	(LCD Reading) (LED Reading)	≥ -0.1; ≤+0.1	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005
		Completion Time:					0730	0740	0735

FOR INFORMATION ONLY

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 2 of 4)

FOR INFORMATION ONLY

			Date:					1-1-21	1-2-21	1-3-21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:					RM	RM	RM
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	South basement supply filter plenum (HVP-841) ΔP	[1]PDI-894-1	≤2.0 & > 0[1] in. wc					.02	.02	.02
		PDI-894-2	≤2.0 & > 0[1] in. wc					.45	.45	.45
4.1.3.4[2]	South Corridor supply (HVP-810) ΔP	[1]PDI-895-1	≤2.0 & > 0[1] in. wc					.03	.02	.03
		PDI-895-2	≤2.0 & > 0[1] in. wc					.68	.69	.69
4.1.3.4[2]	300 area glovebox exhaust filter plenum (FF854) ΔP	[1]PDI-817-1	≤2.0 & > 0[1] in. wc					STBY	STBY	STBY
		PDI-817-2	≤2.0 & > 0[1] in. wc					STBY	STBY	STBY
		PDI-817-4	≤2.0 & > 0[1] in. wc					STBY	STBY	STBY
		PDI-817-5	≤2.0 & > 0[1] in. wc					STBY	STBY	STBY
4.1.3.4[2]	300 area special recovery glovebox exhaust filter plenum (FF858) ΔP	PDI-81 9-1	≤2.0 & > 0[1] in. wc					STBY	STBY	STBY
		PDI-81 9-3	≤2.0 & > 0[1] in. wc					STBY	STBY	STBY
		PDI-819-4	≤2.0 & > 0[1] in. wc					STBY	STBY	STBY
4.1.3.4[2]	300 area glovebox exhaust filter plenum (FF855) ΔP	[1]PDI-818-1	≤2.0 & > 0[1] in. wc					.27	.27	.27
		PDI-818-2	≤2.0 & > 0[1] in. wc					.32	.33	.32
		PDI-818-4	≤2.0 & > 0[1] in. wc					.31	.32	.31
		PDI-818-5	≤2.0 & > 0[1] in. wc					.30	.31	.30
4.1.3.4[2]	300 area special recovery glovebox exhaust filter plenum (FF859) ΔP	PDI-821-1	≤2.0 & > 0[1] in. wc					.43	.44	.44
		PDI-821-3	≤2.0 & > 0[1] in. wc					.47	.46	.47
		PDI-821-4	≤2.0 & > 0[1] in. wc					.42	.41	.41

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 3 of 4)

FOR INFORMATION ONLY

			Date:					1-1-21	1-2-21	1-3-21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:					RM	RM	RM
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	400 area glovebox exhaust filter plenum (FF856) ΔP	[1]PDI-822-1	≤2.0 & > 0[1] in. wc					.12	.12	.12
		PDI-822-2	≤2.0 & > 0[1] in. wc					.60	.59	.60
		PDI-822-4	≤2.0 & > 0[1] in. wc					.43	.43	.43
		PDI-822-5	≤2.0 & > 0[1] in. wc					.57	.58	.57
4.1.3.4[2]	400 area glovebox exhaust filter plenum (FF857) ΔP	[1]PDI-823-1	≤2.0 & > 0[1] in. wc					StBy	StBy	StBy
		PDI-823-2	≤2.0 & > 0[1] in. wc					StBy	StBy	StBy
		PDI-823-4	≤2.0 & > 0[1] in. wc					StBy	StBy	StBy
		PDI-823—5	≤2.0 & > 0[1] in. wc					StBy	StBy	StBy
4.1.3.4[2]	South Basement exhaust filter plenum (FF-829) ΔP	[1]PDI-830-1	≤2.0 & > 0[1] in. wc					.35	.36	.36
		PDI-830-2	≤2.0 & > 0[1] in. wc					.12	.12	.11
		PDI-830-3	≤2.0 & > 0[1] in. wc					.15	.15	.13
4.1.1.7[2]	300 area re-circulation filter plenum (HVP-805) ΔP	[1]PDI-836-1	≤2.0 & > 0[1] in. wc					.07	.07	.07
		PDI-836-2	≤2.0 & > 0[1] in. wc					.66	.67	.67
		PDI-836-3	≤2.0 & > 0[1] in. wc					.65	.65	.65
	300 area re-circulation filter plenum (HVP-806) ΔP	[1]PDI-837-1	≤2.0 & > 0[1] in. wc					.04	.04	.04
		PDI-837-2	≤2.0 & > 0[1] in. wc					.50	.50	.49
		PDI-837-3	≤2.0 & > 0[1] in. wc					.45	.45	.44

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 4 of 4)

FOR INFORMATION ONLY

			Date:					1-1-21	1-2-21	1-3-21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:					RM	RM	RM
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.1.7[2]	400 area re-circulation filter plenum (HVP-807) ΔP	[1]PDI-838-1	≤2.0 & > 0[1] in. wc					.59	.59	.59
		PDI-838-2	≤2.0 & > 0[1] in. wc					.57	.58	.57
		PDI-838-3	≤2.0 & > 0[1] in. wc					.59	.59	.59
	400 area re-circulation filter plenum (HVP-808) ΔP	[1]PDI-839-1	≤2.0 & > 0[1] in. wc					.40	.40	.40
		PDI-839-2	≤2.0 & > 0[1] in. wc					.52	.52	.52
		PDI-839-3	≤2.0 & > 0[1] in. wc					.54	.52	.53
4.1.3.4[2]	South Bleed off filter plenum (FF-822A) ΔP	[1]PDI-810-1	≤2.0 & > 0[1] in. wc					.18	.17	.17
		PDI-810-2	≤2.0 & > 0[1] in. wc					.85	.87	.87
		PDI-810-3	≤2.0 & > 0[1] in. wc					.51	.51	.51
4.1.3.4[2]	South Bleed off filter plenum (FF-822B) ΔP	[1]PDI -811 - 1	≤2.0 & > 0[1] in. wc					OFF	OFF	OFF
		PDI -811 -2	≤2.0 & > 0[1] in. wc					Off	Off	Off
		PDI -811 -3	≤2.0 & > 0[1] in. wc					OFF	Off	Off
			Completion Time					0720	0723	0730
OC Operator Review and Page Count Complete (initials)								M	M	M
OCS Daily Review Sign off (initials)								MM	MM	MM

[1] Non TSR requirement
[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR 4.1.3.4 apply during both Mode 1 and Mode 2 as stated in LCO 3.1.3.

Completed by: RM Date 1-3-21 Time 0730 Reviewed by: _____ (On-duty Supervisor) Date: ~~1-3-21~~ 1/7/21 1/31/21 Time: 1930

Comments 4.4.1.1 FLAMMABLE GAS DET. NEEDS TO BE CALIBRATED

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 1 of 5)

FOR INFORMATION ONLY

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

			Date:					1-1-21	1-2-21	1-3-21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:					RM	RM	RM
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.1.7[2]	Vault re-circulation filter plenum (HVP-811) ΔP Vault re-circulation filter plenum (HVP-812) ΔP	[1]PDI-840-1	≤2.0 & > 0[1] in. wc					.17	.17	.17
		PDI-840-2	≤2.0 & > 0 in[1]. wc					.55	.54	.55
		PDI-840-3	≤2.0 & > 0[1] in. wc					.51	.51	.51
		[1]PDI-841-1	≤2.0 & > 0[1] in. wc					STBY	STBY	STBY
		PDI-841-2	≤2.0 & > 0[1] in. wc					STBY	STBY	STBY
		PDI-841-3	≤2.0 & > 0[1] in. wc					STBY	STBY	STBY
	200 area re-circulation filter plenum (HVP-801) ΔP	[1]PDI-831-1	≤2.0 & > 0[1] in. wc					.35	.35	.35
		PDI-831-2	≤2.0 & > 0[1] in. wc					.42	.42	.42
		PDI-831-3	≤2.0 & > 0[1] in. wc					.41	.40	.41
	200 area re-circulation filter plenum (HVP-802) ΔP	[1]PDI-832-1	≤2.0 & > 0[1] in. wc					.59	.59	.59
		PDI-832-2	≤2.0 & > 0[1] in. wc					.65	.66	.65
		PDI-832-3	≤2.0 & > 0[1] in. wc					.60	.60	.60
4.1.3.4[2]	North Bleed off filter plenum (FF-820A) ΔP	[1]PDI-807-1	≤2.0 & > 0[1] in. wc					.12	.12	.12
		PDI-807-2	≤2.0 & > 0[1] in. wc					.58	.58	.59
		PDI-807-3	≤2.0 & > 0[1] in. wc					.51	.50	.50
4.1.3.4[2]	North Bleed off filter plenum (FF-820B) ΔP	[1]PDI-809-1	≤2.0 & > 0[1] in. wc					Off	Off	Off
		PDI-809-2	≤2.0 & > 0[1] in. wc					off	off	off
		PDI-809-3	≤2.0 & > 0[1] in. wc					Off	Off	Off

Attachment B-2: Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 2 of 5)

FOR INFORMATION ONLY

			Date:					1-1-21	1-2-21	1-3-21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:					RM	RM	RM
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	North Basement exhaust filter plenum (FF-828) ΔP	[1]PDI-829-1	≤2.0 & >0[1] in. wc					.06	.05	.06
		PDI-829-2	≤2.0 & >0[1] in. wc					.49	.49	.49
		PDI-829-3	≤2.0 & >0[1] in. wc					.45	.44	.46
4.1.1.7[2]	100 area re-circulation filter plenum (HVP-803) ΔP	[1]PDI-833-1	≤2.0 & >0[1] in. wc					.08	.08	.08
		PDI-833-2	≤2.0 & >0[1] in. wc					.58	.57	.56
		PDI-833-3	≤2.0 & >0[1] in. wc					.52	.51	.52
	100 area re-circulation filter plenum (HVP-804) ΔP	[1]PDI-835-1	≤2.0 & >0[1] in. wc					.05	.05	.05
		PDI-835-2	≤2.0 & >0[1] in. wc					.50	.50	.50
		PDI-835-3	≤2.0 & >0[1] in. wc					.50	.50	.50
4.1.3.4[2]	100 area glovebox exhaust filter plenum (FF852) ΔP	[1]PDI-815-1	≤2.0 & >0[1] in. wc					.25	.25	.25
		PDI-815-2	≤2.0 & >0[1] in. wc					.52	.52	.51
		PDI-815-4	≤2.0 & >0[1] in. wc					.56	.48	.47
		PDI-815-5	≤2.0 & >0[1] in. wc					49	.49	.48
4.1.3.4[2]	100 area glovebox exhaust filter plenum (FF853) ΔP	[1]PDI-816-1	≤2.0 & >0[1] in. wc					STBY	STBY	STBY
		PDI-816-2	≤2.0 & >0[1] in. wc					STBY	STBY	STBY
		PDI-816-4	≤2.0 & >0[1] in. wc					STBY	STBY	STBY
		PDI-816-5	≤2.0 & >0[1] in. wc					STBY	STBY	STBY

Attachment B-2: Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 3 of 5)

FOR INFORMATION ONLY

			Date:					1-1-21	1-2-21	1-3-21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:					RM	RM	RM
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF850) ΔP	[1]PDI-812-1	≤2.0 & > 0[1] in. wc					.12	.12	.12
		PDI-812-2	≤2.0 & > 0[1] in. wc					.34	.32	.32
		PDI-812-3	≤2.0 & > 0[1] in. wc					.30	.31	.31
		PDI-812-4	≤2.0 & > 0[1] in. wc					.30	.30	.30
		PDI-812-5	≤2.0 & > 0[1] in. wc					.32	.32	.33
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF851) ΔP	[1]PDI-813-1	≤2.0 & > 0[1] in. wc					StBy	StBy	StBy
		PDI-813-2	≤2.0 & > 0[1] in. wc					StBy	StBy	StBy
		PDI-813-3	≤2.0 & > 0[1] in. wc					StBy	StBy	StBy
		PDI-813-4	≤2.0 & > 0[1] in. wc					StBy	StBy	StBy
		PDI-813-5	≤2.0 & > 0[1] in. wc					StBy	StBy	StBy
4.1.3.4[2]	IFIT exhaust filter plenum (FF-865) ΔP	[1]PDI-865-1	≤2.0 & > 0[1] in. wc					.02	.02	.02
		PDI-865-2	≤2.0 & > 0[1] in. wc					.40	.39	.40
		PDI-865-3	≤2.0 & > 0[1] in. wc					.36	.36	.35
4.1.3.4[2]	IFIT supply filter plenum (HVP-863) ΔP	[1]PDI-863-1	≤2.0 & > 0[1] in. wc					.04	.03	.03
		PDI-863-2	≤2.0 & >0[1] in. wc					.42	.31	.31

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 4 of 5)

FOR INFORMATION ONLY

			Date:					1-1-21	1-2-21	1-3-21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:					RM	RM	RM
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS**						
4.1.3.4[2]	North Basement supply filter plenum (HVP-840) ΔP	[1]PDI-857-1	≤ 2.0 & > 0[1] in. wc					.10	.10	.10
		PDI-857-2	≤ 2.0 & > 0[1] in. wc					.44	.44	.43
4.1.3.4[2]	North corridor supply filter plenum (HVP-809) ΔP	[1]PDI-856-1	≤ 2.0 & > 0[1] in. wc					.02	.02	.02
		PDI-856-2	≤ 2.0 & > 0[1] in. wc					.60	.60	.59
[1]NA	**Combustible exclusion area around basement exhaust fans FE828, FE829 and bleed-off fans FE820A, FE820B, FE820C, FE822A, FE822B, FE822C**		**0 lb/ft² combustibles in designated exclusion area (within 15 feet of fans)**					SAT	SAT	SAT
4.3.2.2[2]	Room 201		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less					SAT	SAT	SAT
4.3.2.2[2]	Room 204		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less					SAT	SAT	SAT

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 5 of 5)

FOR INFORMATION ONLY

			Date:					1-1-21	1-2-21	1-3-21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:					RW	RM	RM
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS**						
4.3.2.2[2]	Room 206		0 lb/ft^2 combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less					SAT	SAT	SAT
4.3.2.2[2]	Room 207		0 lb/ft^2 combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less					SAT	SAT	SAT
			Completion time					0820	0830	0817
			OC Operator Review and Page Count Complete (initials)					M	M	M
			OCS Daily Review Sign off (initials)					MM	MM	MM

[1] Non TSR requirement

[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR's 4.1.3.4 and 4.3.2.2 apply during both Mode 1 and Mode 2.

Note: Rooms 201, 206 & 207 **must be** entered for surveillance even if they are red lit, room 204 can be viewed through the window. Notify the Operations Center of any rooms that are unable to be entered for the performance of rounds, Operations Center will make a logbook entry recording the room(s) and reason(s) for non-entry. Document in the comments section any room(s) and reason(s) they were unable to be entered for rounds.

Completed by: RW Date 1-3-21 Time 0817 Reviewed by: _____ Date: MM 1/3/21 Time: 1930

On-duty Supervisor

Comments: _____

Attachment C, Non-PF-4 Daily Surveillance Rounds [UET]

(Page 1 of 1)

FOR INFORMATION ONLY

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

M&TE Calibrated Data						
Record September through April only	PF-10 Thermometer File No.:	039746	PF-10 Thermistor File No.:	105353	V-701 Thermistor File No.:	103763
	Calibration Expiration Date:	8/5/21	Calibration Expiration Date:	8/13/21	Calibration Expiration Date:	~~7/23~~ 8/13/21
	PF-11 Thermometer File No.:	039745	PF-11 Thermistor File No.:	105352	V-704 Thermistor File No.:	Ref 17-21 103761
	Calibration Expiration Date:	8/11/21	Calibration Expiration Date:	8/13/21	Calibration Expiration Date:	8/13/21

PF-10 & PF-11 Pump house Room Temperature and V-701 & V-704 Fire Water Storage Tank Temperature									
Daily (September through April only)		Date:					1/1/21	1/2/21	1/3/21
		Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
		Initials:					[illegible]	M	M
SR	**Description**	**Acceptance Criteria**							
NA	ENSURE *M&TE Calibration Data* above is recorded and calibration dates have not elapsed.	Calibration dates have not elapsed.	SAT /UNSAT	SAT /UNSAT	SAT /UNSAT	SAT /UNSAT	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT
4.3.1.1[1]	RECORD fire water storage tank V-701 temperature	≥ 42 1 F					53.17	53.8	53.9
4.3.1.1[1]	RECORD fire water storage tank V-704 temperature	≥ 42 1 F					52.26	53.5	54.3
4.3.1.3[1]	RECORD PF-10 room temperature	≥ 50 1 F					64.17	66.3	66.0
4.3.1.3[1]	RECORD PF-11 room temperature	≥ 50 1 F					64.97	65.4	65.0
		Completion Time					1002	1016	1031
	OC Operator Review and Page Count Complete (initials)						M	M	M
	OCS Daily Review Sign off (initials)						[illegible]	[illegible]	[illegible]

[1] Temperatures should be recorded using Reference Thermometer FLUKE Model 1524 connected to Thermistor Probe Fluke Model 5610-9 (or approved engineered equivalent).

Completed by: Mark Weng [illegible] 335116 Date 1/3/21 Time 1031

Reviewed by: [illegible] Date: ~~1/2/20~~ 1/3/21 Time: 1038
On-duty Supervisor
[illegible] 1/3/21

Comments: _____

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 1 of 3)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

FOR INFORMATION ONLY

Note: Gauge readings should be taken on rack #4 in the OC. whenever possible. Document if alternate PDIs are used.		Date:	01.04.21		01.05.21		1/6/21 (1/6/21)		1/7/21		01.08.21		01.09.21		1/10/21	
		Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
		Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
		Initials:	BC	a	BC	C	M	TS	M	TS	BC	C	BC	C	AM	[illegible]
SRs	**Description**	**Gauge Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**													
4.1.1.1 4.1.2.1[2]	200 area glovebox exhaust header ΔP	PDI-814-1 or PDI-814-2 ≤-1.5 in. wc[1]	-2.01	-2.00	-2.00	-2.01	-2.02	-2.00	-2.00	-2.01	-2.00	-2.01	-2.00	-2.01	-2.00	-2.01
	100 area glovebox exhaust header ΔP	PDI-820-1 or PDI-820-2 ≤-1.5 in. wc[1]	-1.93	-1.92	-1.93	-1.92	-1.92	-1.92	-1.92	-1.92	-1.93	-1.92	-1.92	-1.92	-1.92	-1.92
	300 area glovebox exhaust header ΔP	PDI-870-1 or PDI-870-2 ≤-1.5 in. wc[1]	-1.96	-1.96	-1.97	-1.97	-1.98	-1.96	-1.97	-1.95	-1.95	-1.97	-1.97	-1.95	-1.98	-1.97
	400 area glovebox exhaust header ΔP	PDI-864-1 or PDI-864-2 ≤-1.5 in. wc[1]	-1.99	-1.99	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-1.99	-2.00	-2.01
4.1.1.2 4.1.1.5[3] 4.1.2.2[2]	200 area laboratory header ΔP	PDI-803-1 or PDI-803-2 ≤-0.05 in. wc[1]	-.20	-.19	-.19	-.21	-.19	-.20	-.20	-.19	-.20	-.20	-.20	-.19	-.19	-0.19
	100 area laboratory header ΔP	PDI-802-1 or PDI-802-2 ≤-0.05 in. wc[1]	-.26	-.26	-.25	-.27	-.26	-.25	-.26	-.27	-.26	-.26	-.26	-.25	-.25	-0.25
	300 area laboratory header ΔP	PDI-853-1 or PDI-853-2 ≤-0.05 in. wc[1]	-.21	-.19	-.20	-.20	-.20	-.19	-.19	-.21	-.20	-.20	-.20	-.20	-.20	-0.20
	400 area laboratory header ΔP	PDI-852-1 or PDI-852-2 ≤-0.05 in. wc[1]	-.20	-.19	-.19	-.20	-.19	-.18	-.19	-.20	-.19	-.20	-.20	-.19	-.19	-0.20
	IFIT Facility ΔP	PDI-865-4 or PDI-865-5 ≤-0.05 in. wc	-.15	-.15	-.15	-.15	-.15	-.15	-.15	-.15	-.15	-.15	-.14	-.15	-.15	-0.15
4.1.1.3 4.1.2.3[2]	North basement ΔP	PDI-804-1 or PDI-804-2 < 0.00 in. wc	-.09	-.09	-.09	-.09	-.09	-.09	-.09	-.09	-.09	-.09	-.09	-.09	-.09	-0.09
	South basement ΔP	PDI-854-1 or PDI-854-2 < 0.00 in. wc	-.08	-.08	-.08	-.08	-.08	-.08	-.08	-.08	-.08	-.08	-.07	-.08	-.08	-0.08
	IRT Tunnel ΔP	PDT-901 or PDI-901 < 0.00 in. wc	-.115	-.116	-.114	-.105	-.102	-.118	-.113	-.110	-.116	-.110	-.115	-.102	-.116	-0.116

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 2 of 3)

FOR INFORMATION ONLY

Note Readings should be taken using FCS screens FMT#151,152,201LD and 202LD. Field verification and local plenum PDI's may be used if FCS is unavailable.			**Date:**	01.04.21		01.05.21		1/6/21		1/7/21		01.08.21		01.09.21		1/10/2021	
			Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
			Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
			Initials:	BC	C	BC	C	M	TJ	M	TJ	BC	C	BC	C	AB	
SRs	**Description**	**Readings**	**Acceptance Criteria**	**SURVEILLANCE RESULTS Sat / Unsat (circle one)**													
4.1.1.6	**200 area re-circulation fan/ plenum**	FR-801 Icon red and PDT-831 ΔP >.050 or FR-802 Icon red and PDT-832 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	100 area re-circulation fan/ plenum	FR-803 Icon red and PDT-833 ΔP >.050 or FR-804 Icon red and PDT-835 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	300 area re-circulation fan/ plenum	FR-805 Icon red and PDT-836 ΔP >.050 or FR-806 Icon red and PDT-837 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	400 area re-circulation fan/ plenum	FR-807 Icon red and PDT-838 ΔP >.050 or FR-808 Icon red and PDT-839 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	Vault re-circulation fan/ plenum	FR-811 Icon red and PDT-840 ΔP >.050 or FR-812 Icon red and PDT-841 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 3 of 3)

FOR INFORMATION ONLY

Note Gauge readings should be taken on rack #4 in the OC when possible, local PDI equivalents may be used if necessary. Document any alternate PDIs used.				**Date:**	01-04-21		01-05-21		1/6/21		1/7/21		01-08-21		01-09-21		1/10/21	
				Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
				Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
				Initials:	BC	C	BC	C	M	TS	M	TS	BC	C	BC	C	APD	
SRs	**Description**	**Area**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS** Sat / Unsat (circle one)													
4.1.1.4	**Glovebox exhaust header ΔPs < laboratory ΔPs < basement ΔPs for areas 100, 200, 300 and 400**	200 Area	PDI-814-2 PDI-803-2 PDI-804-2	PDI-814-2 < PDI-803-2 < PDI-804-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		100 Area	PDI-820-2 PDI-802-2 PDI-804-2	PDI-820-2 < PDI-802-2 < PDI-804-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		300 Area	PDI-870-2 PDI-853-2 PDI-854-2	PDI-870-2 < PDI-853-2 < PDI-854-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		400 Area	PDI-864-2 PDI-852-2 PDI-854-2	PDI-864-2 < PDI-852-2 < PDI-854-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		Completion Time			0719	1914	0719	1915	0730	1952	0731	1923	0723	1941	0721	1919	0733	1920
		OCS Daily Review Sign off (initials)			APD		APD						APD		APD		APD	

[1] Mode 2 acceptance criteria is < 0.00 in. wc.

[2] SRs 4.1.2.x only apply during Mode 2 in accordance with LCO 3.1.2.

[3] SRs 4.1.1.5 is only applicable when MAR is in the IFIT Facility

Completed by: _____ Date: 1/10/21 Time: 1920 Reviewed by: _____ Date: 1/10/21 Time: 1921

On-duty Supervisor

Comments: 1/10/21

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 1 of 4)

FOR INFORMATION ONLY

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

SR 4.4.1.1, The OPERABILITY acceptance criterion for this surveillance is:
The FLAMMABLE GAS detector in the FSTF FLAMMABLE GAS SOURCE storage cabinet is exposed to the ambient atmosphere in the storage cabinet. The gas concentration readout directly on the detector in the storage cabinet is compared with the gas concentration readout on the system control and alarm panel. The difference between the two readings is checked to VERIFY it is in the range of (≥-0.1; ≤0.1).

		Date:	1/4/21	1/5/21	1/6/21	1/7/21	1/08/21	1/09/21	1/10/21
		Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
		Initials:							
	Description / Gauge	Acceptance Criteria	**SURVEILLANCE RESULTS (percentage)**						
SR 4.4.1.1	**Flammable Gas Channel Check DET-305-3 (LCD Reading)**	NA	005	005	005	005	005	005	005
	CP-305-H (LED Reading)		005	005	005	005	005	005	005
	(DET-305-3) – (CP-305H)	Record Calculated Value	005	005	005	005	008	005	005
	(LCD Reading) (LED Reading)	≥ -0.1; ≤+0.1	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005
		Completion Time:	0705	0827	0702	0707	0705	0702	0701

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 2 of 4)

FOR INFORMATION ONLY

			Date:	1/4/21	1/5/21	1/6/21	1/7/21	01/08/21	01/09/21	1/10/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:							
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.3.4[2]	South basement supply filter plenum (HVP-841) ΔP	[1]PDI-894-1	≤2.0 & > 0[1] in. wc	.02	.02	.02	.02	.02	.01	.02
		PDI-894-2	≤2.0 & > 0[1] in. wc	.45	.46	.47	.45	.47	.45	.45
4.1.3.4[2]	South Corridor supply (HVP-810) ΔP	[1]PDI-895-1	≤2.0 & > 0[1] in. wc	.04	.03	.03	.03	.03	.03	.04
		PDI-895-2	≤2.0 & > 0[1] in. wc	.69	.69	.69	.69	.68	.68	.69
4.1.3.4[2]	300 area glovebox exhaust filter plenum (FF854) ΔP	[1]PDI-817-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	stby	stby	STBY
		PDI-817-2	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	stby	stby	STBY
		PDI-817-4	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	stby	stby	STBY
		PDI-817-5	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	stby	stby	STBY
4.1.3.4[2]	300 area special recovery glovebox exhaust filter plenum (FF858) ΔP	PDI-819-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	stby	stby	STBY
		PDI-819-3	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	stby	stby	STBY
		PDI-819-4	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	stby	stby	STBY
4.1.3.4[2]	300 area glovebox exhaust filter plenum (FF855) ΔP	[1]PDI-818-1	≤2.0 & > 0[1] in. wc	.27	.26	.26	.27	.27	.27	.27
		PDI-818-2	≤2.0 & > 0[1] in. wc	.31	.32	.32	.32	.32	.31	.31
		PDI-818-4	≤2.0 & > 0[1] in. wc	.31	.31	.31	.31	.31	.31	.31
		PDI-818-5	≤2.0 & > 0[1] in. wc	.31	.31	.31	.31	.31	.31	.31
4.1.3.4[2]	300 area special recovery glovebox exhaust filter plenum (FF859) ΔP	PDI-821-1	≤2.0 & > 0[1] in. wc	.46	.45	.44	.44	.43	.43	.43
		PDI-821-3	≤2.0 & > 0[1] in. wc	.45	.45	.46	.45	.47	.47	.47
		PDI-821-4	≤2.0 & > 0[1] in. wc	.41	.41	.41	.41	.41	.41	.41

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 3 of 4)

FOR INFORMATION ONLY

			Date:	1/4/21	1/5/21	1/6/21	1/7/21	01/08/21	01/09/21	1/10/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:							
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.3.4[2]	400 area glovebox exhaust filter plenum (FF856) ΔP	[1]PDI-822-1	≤2.0 & > 0[1] in. wc	.13	.12	.13	.12	.12	.12	.13
		PDI-822-2	≤2.0 & > 0[1] in. wc	.59	.59	.59	.58	.59	.59	.59
		PDI-822-4	≤2.0 & > 0[1] in. wc	.42	.43	.43	.42	.43	.43	.42
		PDI-822-5	≤2.0 & > 0[1] in. wc	.57	.58	.58	.58	.58	.58	.58
4.1.3.4[2]	400 area glovebox exhaust filter plenum (FF857) ΔP	[1]PDI-823-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	Stby	Stby	STBY
		PDI-823-2	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	Stby	Stby	STBY
		PDI-823-4	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	Stby	Stby	STBY
		PDI-823—5	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	Stby	Stby	STBY
4.1.3.4[2]	South Basement exhaust filter plenum (FF-829) ΔP	[1]PDI-830-1	≤2.0 & > 0[1] in. wc	.36	.31	.25	.30	.30	.25	.33
		PDI-830-2	≤2.0 & > 0[1] in. wc	.12	.12	.10	.10	.10	.10	.12
		PDI-830-3	≤2.0 & > 0[1] in. wc	.16	.15	.12	.13	.13	.13	.16
4.1.1.7[2]	300 area re-circulation filter plenum (HVP-805) ΔP	[1]PDI-836-1	≤2.0 & > 0[1] in. wc	.07	.07	.07	.07	.07	.07	.07
		PDI-836-2	≤2.0 & > 0[1] in. wc	.66	.67	.65	.65	.65	.65	.65
		PDI-836-3	≤2.0 & > 0[1] in. wc	.66	.65	.65	.65	.65	.65	.66
	300 area re-circulation filter plenum (HVP-806) ΔP	[1]PDI-837-1	≤2.0 & > 0[1] in. wc	.04	.04	.04	.04	.04	.04	.04
		PDI-837-2	≤2.0 & > 0[1] in. wc	.49	.49	.49	.48	.48	.48	.48
		PDI-837-3	≤2.0 & > 0[1] in. wc	.43	.45	.45	.45	.43	.43	.43

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 4 of 4)

			Date:	1/4/21	1/5/21	1/6/21	1/7/21	01/08/21	01/09/21	1/10/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:							
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.1.7[2]	400 area re-circulation filter plenum (HVP-807) ΔP	[1]PDI-838-1	≤2.0 & > 0[1] in. wc	.58	.58	.58	.58	.58	.58	.58
		PDI-838-2	≤2.0 & > 0[1] in. wc	.58	.56	.55	.56	.56	.56	.58
		PDI-838-3	≤2.0 & > 0[1] in. wc	.59	.59	.59	.59	.59	.59	.59
	400 area re-circulation filter plenum (HVP-808) ΔP	[1]PDI-839-1	≤2.0 & > 0[1] in. wc	.40	.41	.40	.40	.40	.41	.40
		PDI-839-2	≤2.0 & > 0[1] in. wc	.51	.52	.52	.52	.52	.52	.51
		PDI-839-3	≤2.0 & > 0[1] in. wc	.52	.52	.52	.52	.52	.52	.52
4.1.3.4[2]	South Bleed off filter plenum (FF-822A) ΔP	[1]PDI-810-1	≤2.0 & > 0[1] in. wc	.16	.17	.17	.17	.17	.17	.16
		PDI-810-2	≤2.0 & > 0[1] in. wc	.87	.88	.90	.90	.88	.88	.87
		PDI-810-3	≤2.0 & > 0[1] in. wc	.51	.52	.53	.55	.52	.52	.51
4.1.3.4[2]	South Bleed off filter plenum (FF-822B) ΔP	[1]PDI -811 - 1	≤2.0 & > 0[1] in. wc	off	OFF	OFF	OFF	off	off	off
		PDI -811 -2	≤2.0 & > 0[1] in. wc	off	OFF	OFF	OFF	off	off	off
		PDI -811 -3	≤2.0 & > 0[1] in. wc	off	OFF	OFF	OFF	off	off	off
			Completion Time	0810	0857	0828	0753	0721	0734	0730
OC Operator Review and Page Count Complete (initials)				BC	BC	M	M	BC	BC	AM
OCS Daily Review Sign off (initials)				AM	AM			AM	AM	

[1] Non TSR requirement
[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR 4.1.3.4 apply during both Mode 1 and Mode 2 as stated in LCO 3.1.3.

Completed by: [signature] Date 1/10/21 Time 0730 Reviewed by: _____ Date: 1/10/21 Time: 1949
On-duty Supervisor

Comments 1/4/21 4.4.1.1 not in use. Needs to be cut off.

FOR INFORMATION ONLY

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 1 of 5)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

FOR INFORMATION ONLY

			Date:	1/4/21	1/5/21	1/6/21	1/7/21	01/08/21	01/09/21	1/10/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:							
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.1.7[2]	Vault re-circulation filter plenum (HVP-811) ΔP Vault re-circulation filter plenum (HVP-812) ΔP	[1]PDI-840-1	≤2.0 & > 0[1] in. wc	.17	.17	.17	STBY	stby	stby	STBY
		PDI-840-2	≤2.0 & > 0 in[1]. wc	.54	.54	.56	STBY	stby	stby	STBY
		PDI-840-3	≤2.0 & > 0[1] in. wc	.51	.51	.48	STBY	stby	stby	STBY
		[1]PDI-841-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	.47	.48	.47	.47
		PDI-841-2	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	.59	.58	.58	.58
		PDI-841-3	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	.52	.52	.52	.52
	200 area re-circulation filter plenum (HVP-801) ΔP	[1]PDI-831-1	≤2.0 & > 0[1] in. wc	.35	.35	.35	.35	.36	.35	.35
		PDI-831-2	≤2.0 & > 0[1] in. wc	.41	.42	.42	.42	.42	.40	.41
		PDI-831-3	≤2.0 & > 0[1] in. wc	.41	.40	.41	.40	.41	.39	.40
	200 area re-circulation filter plenum (HVP-802) ΔP	[1]PDI-832-1	≤2.0 & > 0[1] in. wc	.59	.59	.59	.59	.60	.60	.59
		PDI-832-2	≤2.0 & > 0[1] in. wc	.65	.65	.65	.66	.65	.65	.65
		PDI-832-3	≤2.0 & > 0[1] in. wc	.61	.60	.60	.60	.60	.60	.60
4.1.3.4[2]	North Bleed off filter plenum (FF-820A) ΔP	[1]PDI-807-1	≤2.0 & > 0[1] in. wc	.12	.12	.12	.11	.11	.12	.12
		PDI-807-2	≤2.0 & > 0[1] in. wc	.59	.59	.58	.58	.58	.58	.59
		PDI-807-3	≤2.0 & > 0[1] in. wc	.50	.50	.50	.50	.50	.51	.50
4.1.3.4[2]	North Bleed off filter plenum (FF-820B) ΔP	[1]PDI-809-1	≤2.0 & > 0[1] in. wc	off	OFF	OFF	OFF	off	off	~~off~~ 1/10: off
		PDI-809-2	≤2.0 & > 0[1] in. wc	off	OFF	OFF	OFF	off	off	off
		PDI-809-3	≤2.0 & > 0[1] in. wc	off	OFF	OFF	OFF	off	off	off

Attachment B-2: Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 2 of 5)

FOR INFORMATION ONLY

			Date:	1/4/21	1/5/21	1/6/21	1/7/21	1/08/21	1/09/21	1/10/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	North Basement exhaust filter plenum (FF-828) ΔP	[1]PDI-829-1	≤2.0 & > 0[1] in. wc	.06	.06	.06	.06	.06	.06	.06
		PDI-829-2	≤2.0 & > 0[1] in. wc	.48	.49	.49	.50	.50	.50	49
		PDI-829-3	≤2.0 & > 0[1] in. wc	.46	.48	.48	.49	.48	.49	.47
4.1.1.7[2]	100 area re-circulation filter plenum (HVP-803) ΔP	[1]PDI-833-1	≤2.0 & > 0[1] in. wc	.08	.08	.08	.08	.08	.08	.08
		PDI-833-2	≤2.0 & > 0[1] in. wc	.57	.55	.56	.56	.55	.53	.57
		PDI-833-3	≤2.0 & > 0[1] in. wc	.51	.51	.51	.51	.52	.52	.51
	100 area re-circulation filter plenum (HVP-804) ΔP	[1]PDI-835-1	≤2.0 & > 0[1] in. wc	.06	.05	.05	.05	.05	.05	.06
		PDI-835-2	≤2.0 & > 0[1] in. wc	.49	.49	.50	.49	.49	.49	.49
		PDI-835-3	≤2.0 & > 0[1] in. wc	.50	.50	.50	.50	.50	.50	.50
4.1.3.4[2]	100 area glovebox exhaust filter plenum (FF852) ΔP	[1]PDI-815-1	≤2.0 & > 0[1] in. wc	.13	.21	.21	.21	.21	.21	.23
		PDI-815-2	≤2.0 & > 0[1] in. wc	.52	.52	.51	.50	.52	.52	.52
		PDI-815-4	≤2.0 & > 0[1] in. wc	.45	.45	.45	.45	.45	.45	.45
		PDI-815-5	≤2.0 & > 0[1] in. wc	.48	.48	.47	.48	.48	.48	.48
4.1.3.4[2]	100 area glovebox exhaust filter plenum (FF853) ΔP	[1]PDI-816-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	Stby	STBY
		PDI-816-2	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	Stby	Stby	STBY
		PDI-816-4	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	Stby	Stby	STBY
		PDI-816-5	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	Stby	Stby	STBY

Attachment B-2: Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 3 of 5)

			Date:	1/4/21	1/5/21	1/6/21	1/7/21	01/08/21	01/09/21	1/10/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:							
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF850) ΔP	[1]PDI-812-1	≤2.0 & > 0[1] in. wc	.14	.14	.13	.14	.14	.14	.14
		PDI-812-2	≤2.0 & > 0[1] in. wc	.31	.31	.30	.31	.31	.31	.31
		PDI-812-3	≤2.0 & > 0[1] in. wc	.31	.30	.30	.30	.29	.29	.29
		PDI-812-4	≤2.0 & > 0[1] in. wc	.30	.30	.30	.30	.30	.30	.30
		PDI-812-5	≤2.0 & > 0[1] in. wc	.34	.35	.34	.35	.33	.33	.34
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF851) ΔP	[1]PDI-813-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	stby	stby	STBY
		PDI-813-2	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	stby	stby	STBY
		PDI-813-3	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	stby	stby	STBY
		PDI-813-4	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	stby	stby	STBY
		PDI-813-5	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	stby	stby	STBY
4.1.3.4[2]	IFIT exhaust filter plenum (FF-865) ΔP	[1]PDI-865-1	≤2.0 & > 0[1] in. wc	.02	.02	.02	.02	.02	.02	.02
		PDI-865-2	≤2.0 & > 0[1] in. wc	.38	.39	.40	.40	.39	.39	.38
		PDI-865-3	≤2.0 & > 0[1] in. wc	.36	.35	.35	.35	.33	.34	.35
4.1.3.4[2]	IFIT supply filter plenum (HVP-863) ΔP	[1]PDI-863-1	≤2.0 & > 0[1] in. wc	.04	.04	.04	.03	.04	.04	.04
		PDI-863-2	≤2.0 & >0[1] in. wc	.31	.31	.31	.31	.31	.31	.31

FOR INFORMATION ONLY

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 4 of 5)

FOR INFORMATION ONLY

			Date:	1/4/21	1/5/21	1/6/21	1/7/21	01/08/21	01/09/21	1/10/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS**						
4.1.3.4[2]	North Basement supply filter plenum (HVP-840) ΔP	[1]PDI-857-1	≤ 2.0 & > 0[1] in. wc	.10	.10	.10	.10	.10	.10	.10
		PDI-857-2	≤2.0 & > 0[1] in. wc	.45	.45	.45	.45	.43	.43	.43
4.1.3.4[2]	North corridor supply filter plenum (HVP-809) ΔP	[1]PDI-856-1	≤2.0 & > 0[1] in. wc	.02	.02	.02	.02	.02	.02	.02
		PDI-856-2	≤2.0 & > 0[1] in. wc	.59	.59	.60	.60	.59	.59	.59
[1]NA	**Combustible exclusion area around basement exhaust fans FE828, FE829 and bleed-off fans FE820A, FE820B, FE820C, FE822A, FE822B, FE822C**		**0 lb/ft² combustibles in designated exclusion area (within 15 feet of fans)**	Sat	Sat	Sat	Sat	Sat	Sat	Sat
4.3.2.2[2]	Room 201		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	Sat	Sat	Sat	Sat	Sat	Sat	Sat
4.3.2.2[2]	Room 204		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	Sat	Sat	Sat	Sat	Sat	Sat	Sat

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 5 of 5)

FOR INFORMATION ONLY

			Date:	1/4/21	1/5/21	1/6/21	1/7/21	01/08/21	01/09/21	1/10/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS**						
4.3.2.2[2]	Room 206		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SJT	Sat	Sat	Sat	Sat	Sat	SJT
4.3.2.2[2]	Room 207		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SJT	Sat	Sat	Sat	Sat	Sat	SJT
			Completion time	0730	0858	0827	0752	0709	0732	0740
			OC Operator Review and Page Count Complete (initials)	BC	BC	M	M	BC	BC	APD
			OCS Daily Review Sign off (initials)	ARJ	APD	[illegible]		APD	APD	

[1] Non TSR requirement

[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR's 4.1.3.4 and 4.3.2.2 apply during both Mode 1 and Mode 2.

Note: Rooms 201, 206 & 207 **must be** entered for surveillance even if they are red lit, room 204 can be viewed through the window. Notify the Operations Center of any rooms that are unable to be entered for the performance of rounds, Operations Center will make a logbook entry recording the room(s) and reason(s) for non-entry. Document in the comments section any room(s) and reason(s) they were unable to be entered for rounds.

Completed by: [illegible] Date 1/10/21 Time 0740 Reviewed by: _____ Date: 1/10/21 Time: 1950

On-duty Supervisor

Comments: _____

Attachment C, Non-PF-4 Daily Surveillance Rounds [UET]

(Page 1 of 1)

FOR INFORMATION ONLY

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

M&TE Calibrated Data						
Record September through April only	PF-10 Thermometer File No.:	039746	PF-10 Thermistor File No.:	105353	V-701 Thermistor File No.:	103763
	Calibration Expiration Date:	8/5/21	Calibration Expiration Date:	08/13/21	Calibration Expiration Date:	08/13/21
	PF-11 Thermometer File No.:	039745	PF-11 Thermistor File No.:	105352	V-704 Thermistor File No.:	103761
	Calibration Expiration Date:	08/13/21	Calibration Expiration Date:	08/13/21	Calibration Expiration Date:	08/13/21

PF-10 & PF-11 Pump house Room Temperature and V-701 & V-704 Fire Water Storage Tank Temperature

Daily (September through April only)		Date:	1-4-21	1-5-2021	~~1-5-21~~ 1-6-21 ~~1-6-2021~~	1-7-21	1-8-21	1-9-21	1/10/21
		Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
		Initials:	~~RH~~	PJC	PJC	PJC	PJC	PJC	JM
SR	**Description**	**Acceptance Criteria**							
NA	ENSURE *M&TE Calibration Data* above is recorded and calibration dates have not elapsed.	Calibration dates have not elapsed.	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT
4.3.1.1[1]	RECORD fire water storage tank V-701 temperature	≥ 42.1 F	53.6	53.7	53.4	53.9	53.8	53.4	53.0
4.3.1.1[1]	RECORD fire water storage tank V-704 temperature	≥ 42.1 F	53.2	52.0	50.6	50.4	52.1	53.3	53.8
4.3.1.3[1]	RECORD PF-10 room temperature	≥ 50.1 F	76.7	67.0	66.5	66.2	66.1	65.9	63.9
4.3.1.3[1]	RECORD PF-11 room temperature	≥ 50.1 F	65.2	64.2	65.0	64.9	61.6	65.5	64.7
		Completion Time:	0834	0719	0701	0719	0750	0711	0945
	OC Operator Review and Page Count Complete (initials)		BC	BC	M	M	BC	C	ARD
	OCS Daily Review Sign off (initials)		ARD	ARD			ARD		

[1] Temperatures should be recorded using Reference Thermometer FLUKE Model 1524 connected to Thermistor Probe Fluke Model 5610-9 (or approved engineered equivalent).

Completed by: Jerome Mijares Date 1/10/21 Time 0945

Reviewed by: On-duty Supervisor Date: 1/10/21 Time: 1950

Comments:

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 1 of 3)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

FOR INFORMATION ONLY

Note: Gauge readings should be taken on rack #4 in the OC. whenever possible. Document if alternate PDIs are used.		Date:	1-11-21		1-12-21		01-13-21		01-14-21		1-15-21		1-16-21		1-17-21	
		Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
		Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
		Initials:	TS	M	TS	M	BC	[illegible]	BC	[illegible]	TS	M	JSL	M	TS	M
SRs	**Description**	**Gauge Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**													
4.1.1.1 4.1.2.1[2]	200 area glovebox exhaust header ΔP	PDI-814-1 or PDI-814-2 ≤-1.5 in. wc[1]	-1.99	-2.01	-2.00	-2.00	-1.99	-2.00	-2.01	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.01
	100 area glovebox exhaust header ΔP	PDI-820-1 or PDI-820-2 ≤-1.5 in. wc[1]	-1.92	-1.92	-1.92	-1.92	-1.93	-1.92	-1.92	-1.92	-1.92	-1.92	-1.92	-1.92	-1.92	-1.93
	300 area glovebox exhaust header ΔP	PDI-870-1 or PDI-870-2 ≤-1.5 in. wc[1]	-1.98	-1.94	-1.97	-1.97	-1.97	-1.97	-1.97	-1.98	-1.97	-1.98	-1.97	-1.97	-1.95	-1.97
	400 area glovebox exhaust header ΔP	PDI-864-1 or PDI-864-2 ≤-1.5 in. wc[1]	-2.00	-2.00	-1.99	-2.00	-2.05	-2.00	-2.00	-2.01	-2.01	-2.00	-2.01	-2.00	-2.00	-2.00
4.1.1.2 4.1.1.5[3] 4.1.2.2[2]	200 area laboratory header ΔP	PDI-803-1 or PDI-803-2 ≤-0.05 in. wc[1]	-.20	-.19	-.18	-.19	-.19	-0.19	-.20	-0.17	-.20	-.19	-0.19	-.19	-.20 ~~-.20~~ TS 1-17-21	-.20
	100 area laboratory header ΔP	PDI-802-1 or PDI-802-2 ≤-0.05 in. wc[1]	-.27	-.26	-.24	-.26	-.25	-0.26	-.26	-0.26	-.26	-.26	-0.25	-.26	-.27	-.26
	300 area laboratory header ΔP	PDI-853-1 or PDI-853-2 ≤-0.05 in. wc[1]	-.22	-.18	-.18	-.20	-.20	-0.20	-.17	-0.20	-.20	-.23	-0.20	-.20	-.22	-.20
	400 area laboratory header ΔP	PDI-852-1 or PDI-852-2 ≤-0.05 in. wc[1]	-.23	-.19	-.19	-.19	-.20	-0.19	-.19	-0.19	-.19	-.22	-0.19	-.19	-.21	-.20
	IFIT Facility ΔP	PDI-865-4 or PDI-865-5 ≤-0.05 in. wc	-.15	-.15	-.16	-.15	-.15	-0.15	-.15	-0.16	-.15	-.16	-0.15	-.15	-.15	-.15
4.1.1.3 4.1.2.3[2]	North basement ΔP	PDI-804-1 or PDI-804-2 < 0.00 in. wc	-.09	-.09	-.10	-.09	-.09	-0.09	-.09	-0.08	-.09	-.09	-0.09	-.09	-.09	-.09
	South basement ΔP	PDI-854-1 or PDI-854-2 < 0.00 in. wc	-.08	-.08	-.08	-.08	-.08	-0.08	-.08	-0.08	-.08	-.08	-0.08	-.08	-.08	-.08
	IRT Tunnel ΔP	PDT-901 or PDI-901 < 0.00 in. wc	-.118	-.115	-.101	-.099	-.104	-0.115	-.118	-0.117	-.115	-.115	-0.103	-.117	-.102	-.118

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 2 of 3)

Note Readings should be taken using FCS screens FMT#151,152,201LD and 202LD. Field verification and local plenum PDI's may be used if FCS is unavailable.			Date:	1-11-21		1-12-21		01.13.21		01.14.21		1-15-21		1-16-21		1-17-21	
			Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
			Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
			Initials:	TS	M	TJ	M	BC	[illegible]	BC	[illegible]	TS	M	JSU	M	TS	M
SRs	**Description**	**Readings**	**Acceptance Criteria**	**SURVEILLANCE RESULTS Sat / Unsat (circle one)**													
4.1.1.6	**200 area re-circulation fan/ plenum**	FR-801 Icon red and PDT-831 ΔP >.050 or FR-802 Icon red and PDT-832 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	100 area re-circulation fan/ plenum	FR-803 Icon red and PDT-833 ΔP >.050 or FR-804 Icon red and PDT-835 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	300 area re-circulation fan/ plenum	FR-805 Icon red and PDT-836 ΔP >.050 or FR-806 Icon red and PDT-837 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	400 area re-circulation fan/ plenum	FR-807 Icon red and PDT-838 ΔP >.050 or FR-808 Icon red and PDT-839 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	Vault re-circulation fan/ plenum	FR-811 Icon red and PDT-840 ΔP >.050 or FR-812 Icon red and PDT-841 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat

FOR INFORMATION ONLY

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 3 of 3)

FOR INFORMATION ONLY

Note
Gauge readings should be taken on rack #4 in the OC when possible, local PDI equivalents may be used if necessary. Document any alternate PDIs used.

				Date:	1-11-21		1-12-21		01-B21		01-14-21		1-15-21		1-16-21		1-17-21	
				Weekday:	Mon		Tue		Wed		Thu		Fri		Sat		Sun	
				Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
				Initials:	TS	M	TS	M	BC		BC		TS	M	[illegible]	M	TS	M
SRs	**Description**	**Area**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS** Sat / Unsat (circle one)													
4.1.1.4	**Glovebox exhaust header ΔPs < laboratory ΔPs < basement ΔPs for areas 100, 200, 300 and 400**	200 Area	PDI-814-2 PDI-803-2 PDI-804-2	PDI-814-2 < PDI-803-2 < PDI-804-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		100 Area	PDI-820-2 PDI-802-2 PDI-804-2	PDI-820-2 < PDI-802-2 < PDI-804-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		300 Area	PDI-870-2 PDI-853-2 PDI-854-2	PDI-870-2 < PDI-853-2 < PDI-854-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		400 Area	PDI-864-2 PDI-852-2 PDI-854-2	PDI-864-2 < PDI-852-2 < PDI-854-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		Completion Time			0730	1928	0728	1926	0716	[illegible]	0724	1920	0728	1927	0718	1929	018	1925
		OCS Daily Review Sign off (initials)			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	AB	[illegible]	AB	[illegible]	AB	[illegible]	AB	[illegible]

[1] Mode 2 acceptance criteria is < 0.00 in. wc.
[2] SRs 4.1.2.x only apply during Mode 2 in accordance with LCO 3.1.2.
[3] SRs 4.1.1.5 is only applicable when MAR is in the IFIT Facility

Completed by: [illegible] Date 1/17/21 Time 1925 Reviewed by: [illegible] Date: 1/17/21 Time: 1944
On-Duty Supervisor

Comments: _____

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 1 of 4)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

SR 4.4.1.1, The OPERABILITY acceptance criterion for this surveillance is:
The FLAMMABLE GAS detector in the FSTF FLAMMABLE GAS SOURCE storage cabinet is exposed to the ambient atmosphere in the storage cabinet. The gas concentration readout directly on the detector in the storage cabinet is compared with the gas concentration readout on the system control and alarm panel. The difference between the two readings is checked to VERIFY it is in the range of (≥-0.1; ≤0.1).

		Date:	1/11/21	1/12/21	1/13/21	1/14/21	1/15/21	1/16/2021	1-17-21
		Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
		Initials:	TL	SO	SO	SO	SO	MV	RW
	Description / Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (percentage)						
SR 4.4.1.1	**Flammable Gas Channel Check DET-305-3 (LCD Reading)**	NA	005	005	005	005	005	005	005
	CP-305-H (LED Reading)		005	005	005	005	005	005	005
	(DET-305-3) – (CP-305H) (LCD Reading) (LED Reading)	Record Calculated Value	005	005	005	005	005	005	005
		≥ -0.1; ≤+0.1	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat
			005	005	005	005	005	005	005
		Completion Time:	0701	0719	0952	0823	0709	0717	0715

FOR INFORMATION ONLY

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 2 of 4)

FOR INFORMATION ONLY

			Date:	1/11/21	1/12/21	1/13/21	1/14/21	1/15/21	1/16/21	1-17-21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	RL	SO	SO	SO	SO	MV	RL
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.3.4[2]	South basement supply filter plenum (HVP-841) ΔP	[1]PDI-894-1	≤2.0 & > 0[1] in. wc	.02	.02	.02	.02	.02	.02	.02
		PDI-894-2	≤2.0 & > 0[1] in. wc	.48	.46	.46	.45	.46	.45	.45
4.1.3.4[2]	South Corridor supply (HVP-810) ΔP	[1]PDI-895-1	≤2.0 & > 0[1] in. wc	.03	.03	.02	.02	.03	.02	.03
		PDI-895-2	≤2.0 & > 0[1] in. wc	.68	.68	.68	.67	.68	.68	.68
4.1.3.4[2]	300 area glovebox exhaust filter plenum (FF854) ΔP	[1]PDI-817-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-817-2	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-817-4	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-817-5	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
4.1.3.4[2]	300 area special recovery glovebox exhaust filter plenum (FF858) ΔP	PDI-819-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-819-3	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-819-4	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
4.1.3.4[2]	300 area glovebox exhaust filter plenum (FF855) ΔP	[1]PDI-818-1	≤2.0 & > 0[1] in. wc	.27	.27	.26	.26	.26	.26	.27
		PDI-818-2	≤2.0 & > 0[1] in. wc	.32	.31	.31	.31	.31	.31	.33
		PDI-818-4	≤2.0 & > 0[1] in. wc	.32	.31	.31	.31	.31	.31	.31
		PDI-818-5	≤2.0 & > 0[1] in. wc	.32	.31	.31	.31	.31	.31	.32
4.1.3.4[2]	300 area special recovery glovebox exhaust filter plenum (FF859) ΔP	PDI-821-1	≤2.0 & > 0[1] in. wc	.43	.43	.43	.43	.45	.45	.44
		PDI-821-3	≤2.0 & > 0[1] in. wc	.45	.46	.46	.47	.46	.46	.45
		PDI-821-4	≤2.0 & > 0[1] in. wc	.42	.41	.41	.41	.41	.41	.42

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 3 of 4)

FOR INFORMATION ONLY

			Date:	1/11/21	1/12/21	1/13/21	1/14/21	1/15/21	1/16/21	1-17-21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	TL	SO	SO	SO	SO	MV	RM
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.3.4[2]	400 area glovebox exhaust filter plenum (FF856) ΔP	[1]PDI-822-1	≤2.0 & > 0[1] in. wc	.12	.13	.13	.13	.13	.13	.15
		PDI-822-2	≤2.0 & > 0[1] in. wc	.60	.60	.60	.60	.59	.59	.60
		PDI-822-4	≤2.0 & > 0[1] in. wc	.43	.44	.45	.44	.43	.43	.44
		PDI-822-5	≤2.0 & > 0[1] in. wc	.59	.58	.58	.58	.58	.58	.59
4.1.3.4[2]	400 area glovebox exhaust filter plenum (FF857) ΔP	[1]PDI-823-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-823-2	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-823-4	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-823-5	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
4.1.3.4[2]	South Basement exhaust filter plenum (FF-829) ΔP	[1]PDI-830-1	≤2.0 & > 0[1] in. wc	.30	.23	.28	.15	.30	.26	.28
		PDI-830-2	≤2.0 & > 0[1] in. wc	.10	.08	.08	.04	.09	.10	.10
		PDI-830-3	≤2.0 & > 0[1] in. wc	.12	.12	.12	.08	.12	.12	.12
4.1.1.7[2]	300 area re-circulation filter plenum (HVP-805) ΔP	[1]PDI-836-1	≤2.0 & > 0[1] in. wc	.06	.06	.06	.06	.06	.06	.07
		PDI-836-2	≤2.0 & > 0[1] in. wc	.65	.66	.66	.66	.66	.66	.66
		PDI-836-3	≤2.0 & > 0[1] in. wc	.65	.65	.66	.66	.66	.65	.65
	300 area re-circulation filter plenum (HVP-806) ΔP	[1]PDI-837-1	≤2.0 & > 0[1] in. wc	.04	.04	.04	.04	.04	.04	.04
		PDI-837-2	≤2.0 & > 0[1] in. wc	.50	.49	.49	.49	.49	.49	.50
		PDI-837-3	≤2.0 & > 0[1] in. wc	.45	.45	.45	.45	.45	.45	.45

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 4 of 4)

			Date:	1/11/21	1/12/21	1/13/21	1/14/21	1/15/21	1/16/21	1-17-21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	TL	SO	SO	SO	SO	MV	RM
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.1.7[2]	400 area re-circulation filter plenum (HVP-807) ΔP	[1]PDI-838-1	≤2.0 & > 0[1] in. wc	.58	.58	.58	.58	.58	.58	.58
		PDI-838-2	≤2.0 & > 0[1] in. wc	.55	.56	.56	.56	.56	.56	.56
		PDI-838-3	≤2.0 & > 0[1] in. wc	.59	.58	.58	.58	.58	.58	.59
	400 area re-circulation filter plenum (HVP-808) ΔP	[1]PDI-839-1	≤2.0 & > 0[1] in. wc	.40	.42	.42	.42	.42	.42	.40
		PDI-839-2	≤2.0 & > 0[1] in. wc	.52	.52	.52	.52	.52 .42	.52	.54
		PDI-839-3	≤2.0 & > 0[1] in. wc	.52	.52	.52	.52	.52	.52	.55
4.1.3.4[2]	South Bleed off filter plenum (FF-822A) ΔP	[1]PDI-810-1	≤2.0 & > 0[1] in. wc	.17	.17	.17	.17	.17	.17	.17
		PDI-810-2	≤2.0 & > 0[1] in. wc	.90	.89	.89	.88	.88	.88	.88
		PDI-810-3	≤2.0 & > 0[1] in. wc	.52	.52	.52	.52	.52	.52	.51
4.1.3.4[2]	South Bleed off filter plenum (FF-822B) ΔP	[1]PDI -811 - 1	≤2.0 & > 0[1] in. wc	OFF	OFF	OFF	OFF	OFF	off	OFF
		PDI -811 -2	≤2.0 & > 0[1] in. wc	OFF	OFF	OFF	OFF	OFF	off	OFF
		PDI -811 -3	≤2.0 & > 0[1] in. wc	OFF	OFF	OFF	OFF	OFF	off	OFF
			Completion Time	0745	0751	0952	0823	0815	0740	0730
OC Operator Review and Page Count Complete (initials)				TS	TS	RM	RM	JSC	JSC	JSC
OCS Daily Review Sign off (initials)				✓	✓	✓	APJ	APJ	APJ	APJ

[1] Non TSR requirement
[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR 4.1.3.4 apply during both Mode 1 and Mode 2 as stated in LCO 3.1.3.

Completed by: _____ Date 1-17-21 Time 0730 Reviewed by: _____ Date: 1/17/21 Time: 0829
On-duty Supervisor

Comments 4.4.1.1 Meter is out of service, awaiting calibration.

FOR INFORMATION ONLY

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 1 of 5)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

FOR INFORMATION ONLY

				Date:	1/11/21	1/12/21	1/13/21	1/14/21	1/15/21	1/16/21	1-17-21
				Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
				Initials:	FL	SO	CJ	SO	SO	MV	Rel
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)							
4.1.1.7[2]	Vault re-circulation filter plenum (HVP-811) ΔP Vault re-circulation filter plenum (HVP-812) ΔP	[1]PDI-840-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-840-2	≤2.0 & > 0 in[1] wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-840-3	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		[1]PDI-841-1	≤2.0 & > 0[1] in. wc	.48	.48	.48	.48	.48	.48	.48
		PDI-841-2	≤2.0 & > 0[1] in. wc	.59	.58	.58	.58	.58	.58	.59
		PDI-841-3	≤2.0 & > 0[1] in. wc	.52	.52	.52	.52	.52	.52	.52
	200 area re-circulation filter plenum (HVP-801) ΔP	[1]PDI-831-1	≤2.0 & > 0[1] in. wc	.36	.35	.36	.36	.36	.35	.36
		PDI-831-2	≤2.0 & > 0[1] in. wc	.42	.41	.41	.42	.42	.41	.42
		PDI-831-3	≤2.0 & > 0[1] in. wc	.40	.39	.39	.39	.39	.39	.40
	200 area re-circulation filter plenum (HVP-802) ΔP	[1]PDI-832-1	≤2.0 & > 0[1] in. wc	.60	.60	.60	.60	.60	.60	.60
		PDI-832-2	≤2.0 & > 0[1] in. wc	.68	.66	.65	.66	.66	.66	.67
		PDI-832-3	≤2.0 & > 0[1] in. wc	.61	.60	.61	.61	.61	.61	.60
4.1.3.4[2]	North Bleed off filter plenum (FF-820A) ΔP	[1]PDI-807-1	≤2.0 & > 0[1] in. wc	.12	.12	.12	.12	.12	.12	.12
		PDI-807-2	≤2.0 & > 0[1] in. wc	.59	.59	.59	.59	.59	.59	.59
		PDI-807-3	≤2.0 & > 0[1] in. wc	.52	.51	.51	.51	.51	.51	.51
4.1.3.4[2]	North Bleed off filter plenum (FF-820B) ΔP	[1]PDI-809-1	≤2.0 & > 0[1] in. wc	OFF	OFF	OFF	OFF	OFF	off	OFF
		PDI-809-2	≤2.0 & > 0[1] in. wc	OFF	OFF	OFF	OFF	OFF	off	OFF
		PDI-809-3	≤2.0 & > 0[1] in. wc	OFF	OFF	OFF	OFF	OFF	off	OFF

Attachment B-2: Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 2 of 5)

FOR INFORMATION ONLY

			Date:	1/11/21	1/12/21	1/13/21	1/14/21	1/15/21	1/16/21	1/17/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	TL	SO	SO	SO	SO	MV	RM
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	North Basement exhaust filter plenum (FF-828) ΔP	[1]PDI-829-1	≤2.0 & > 0[1] in. wc	.07	.06	.06	.07	.07	.07	.07
		PDI-829-2	≤2.0 & > 0[1] in. wc	.51	.50	.51	.58	.51	.51	.50
		PDI-829-3	≤2.0 & > 0[1] in. wc	.50	.49	.45	.56	.49	.49	.50
4.1.1.7[2]	100 area re-circulation filter plenum (HVP-803) ΔP	[1]PDI-833-1	≤2.0 & > 0[1] in. wc	.08	.08	.08	.08	.08	.08	.08
		PDI-833-2	≤2.0 & > 0[1] in. wc	.55	.53	.52	.54	.53	.53	.55
		PDI-833-3	≤2.0 & > 0[1] in. wc	.52	.51	.51	.51	.51	.51	.51
	100 area re-circulation filter plenum (HVP-804) ΔP	[1]PDI-835-1	≤2.0 & > 0[1] in. wc	.08	.06	.06	.06	.06	.06	.06
		PDI-835-2	≤2.0 & > 0[1] in. wc	.50	.50	.50	.49	.49	.49	.50
		PDI-835-3	≤2.0 & > 0[1] in. wc	.50	.50	.50	.50	.50	.50	.50
4.1.3.4[2]	100 area glovebox exhaust filter plenum (FF852) ΔP	[1]PDI-815-1	≤2.0 & > 0[1] in. wc	.21	.20	STBY	.23	.22	.22	.25
		PDI-815-2	≤2.0 & > 0[1] in. wc	.50	.50	STBY	.50	.50	.50	.50
		PDI-815-4	≤2.0 & > 0[1] in. wc	.55	.43	STBY	.45	.45	.45	.45
		PDI-815-5	≤2.0 & > 0[1] in. wc	.48	.46	STBY	.48	.48	.48	.47
4.1.3.4[2]	100 area glovebox exhaust filter plenum (FF853) ΔP	[1]PDI-816-1	≤2.0 & > 0[1] in. wc	STBY	STBY	.40	STBY	STBY	STBY	STBY
		PDI-816-2	≤2.0 & > 0[1] in. wc	STBY	STBY	.52	STBY	STBY	STBY	STBY
		PDI-816-4	≤2.0 & > 0[1] in. wc	STBY	STBY	.48	STBY	STBY	STBY	STBY
		PDI-816-5	≤2.0 & > 0[1] in. wc	STBY	STBY	.51	STBY	STBY	STBY	STBY

Attachment B-2: Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 3 of 5)

FOR INFORMATION ONLY

			Date:	1/11/21	1/12/21	1/13/21	1/14/21	1/15/21	1/16/21	1-17-21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	TL	SD	SD	SD	SD	MM	
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF850) ΔP	[1]PDI-812-1	≤2.0 & > 0[1] in. wc	.13	.14	STBY	.14	.14	.14	.12
		PDI-812-2	≤2.0 & > 0[1] in. wc	.30	.31	STBY	.31	.31	.31	.32
		PDI-812-3	≤2.0 & > 0[1] in. wc	.31	.28	STBY	.29	.29	.29	.30
		PDI-812-4	≤2.0 & > 0[1] in. wc	.30	.29	STBY	.30	.30	.30	.30
		PDI-812-5	≤2.0 & > 0[1] in. wc	.32	.33	STBY	.35	.34	.34	.34
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF851) ΔP	[1]PDI-813-1	≤2.0 & > 0[1] in. wc	STBY	STBY	.08	STBY	STBY	STBY	STBy
		PDI-813-2	≤2.0 & > 0[1] in. wc	STBY	STBY	.24	STBY	STBY	STBY	STBy
		PDI-813-3	≤2.0 & > 0[1] in. wc	STBY	STBY	.21	STBY	STBY	STBY	STBy
		PDI-813-4	≤2.0 & > 0[1] in. wc	STBY	STBY	.28	STBY	STBY	STBY	STBy
		PDI-813-5	≤2.0 & > 0[1] in. wc	STBY	STBY	.30	STBY	STBY	STBY	STBy
4.1.3.4[2]	IFIT exhaust filter plenum (FF-865) ΔP	[1]PDI-865-1	≤2.0 & > 0[1] in. wc	.02	.02	.02	.02	.02	.02	.02
		PDI-865-2	≤2.0 & > 0[1] in. wc	.40	.39	.39	.39	.39	.39	.40
		PDI-865-3	≤2.0 & > 0[1] in. wc	.36	.35	.35	.35	.35	.35	.37
4.1.3.4[2]	IFIT supply filter plenum (HVP-863) ΔP	[1]PDI-863-1	≤2.0 & > 0[1] in. wc	.04	.04	.04	.04	.04	.04	.04
		PDI-863-2	≤2.0 & >0[1] in. wc	.31	.31	.31	.31	.31	.31	.31

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 4 of 5)

FOR INFORMATION ONLY

			Date:	1/11/21	~~1/12/21~~ 1/12/21	1/13/21	1/14/21	1/15/21	1/16/21	1-17-21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	[illegible]	SO	[illegible]	SO	SO	ML	[illegible]
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS**						
4.1.3.4[2]	North Basement supply filter plenum (HVP-840) ΔP	[1]PDI-857-1	≤ 2.0 & > 0[1] in. wc	.05	.08	.09	.09	.09	.09	.09
		PDI-857-2	≤ 2.0 & > 0[1] in. wc	.45	.42	.42	.42	.43	.45	.44
4.1.3.4[2]	North corridor supply filter plenum (HVP-809) ΔP	[1]PDI-856-1	≤ 2.0 & > 0[1] in. wc	.02	.02	.02	.02	.02	.02	.02
		PDI-856-2	≤ 2.0 & > 0[1] in. wc	.60	.59	.59	.59	.59	.59	.60
[1]NA	**Combustible exclusion area around basement exhaust fans FE828, FE829 and bleed-off fans FE820A, FE820B, FE820C, FE822A, FE822B, FE822C**		**0 lb/ft² combustibles in designated exclusion area (within 15 feet of fans)**	Sat	SAT	SAT	SAT	SAT	SAT	SAT
4.3.2.2[2]	Room 201		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	Sat	SAT	SAT	SAT	SAT	SAT	SAT
4.3.2.2[2]	Room 204		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	Sat	SAT	SAT	SAT	SAT	unsat ~~SAT~~ MV 239237 1-16-21	SAT

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 5 of 5)

			Date:	1/11/21	1/12/21	1/13/21	1/14/21	1/15/21	1/16/21	1-17-21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	[illegible]	SO	SO	SO	SO	MV	[illegible]
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS						
4.3.2.2[2]	Room 206		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	Sat	SAT	SAT	SAT	SAT	SAT	SAT
4.3.2.2[2]	Room 207		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	Sat	SAT	SAT	SAT	SAT	SAT	SAT
			Completion time	0745	0740	0952	0823	0815	0810	0820
			OC Operator Review and Page Count Complete (initials)	TS	TS	BC	BC	JSI	JSI	JSI
			OCS Daily Review Sign off (initials)	[illegible]	[illegible]	[illegible]	AM	AM	AM	AM

[1] Non TSR requirement

[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR's 4.1.3.4 and 4.3.2.2 apply during both Mode 1 and Mode 2.

Note: Rooms 201, 206 & 207 **must be** entered for surveillance even if they are red lit, room 204 can be viewed through the window. Notify the Operations Center of any rooms that are unable to be entered for the performance of rounds, Operations Center will make a logbook entry recording the room(s) and reason(s) for non-entry. Document in the comments section any room(s) and reason(s) they were unable to be entered for rounds.

Completed by: [illegible] Date 1-17-21 Time 0820 Reviewed by: [illegible] On-duty Supervisor Date: 1/17/21 Time: 0830

Comments: 4.3.22 - Combustibles found in non combustible area, contated ops moved combustible material out of area. MV 239237

FOR INFORMATION ONLY

Attachment C, Non-PF-4 Daily Surveillance Rounds [UET]

(Page 1 of 1)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

FOR INFORMATION ONLY

M&TE Calibrated Data						
Record September through April only	PF-10 Thermometer File No.:	039746	PF-10 Thermistor File No.:	105353 01/11/21	V-701 Thermistor File No.:	103763
	Calibration Expiration Date:	08/05/21	Calibration Expiration Date:	~~08/05/21~~ 08/13/21	Calibration Expiration Date:	08/13/21
	PF-11 Thermometer File No.:	039745	PF-11 Thermistor File No.:	~~103761~~ 105352 m 1/13/21	V-704 Thermistor File No.:	~~105352~~ 10326/ m 1/13/21
	Calibration Expiration Date:	08/11/21	Calibration Expiration Date:	08/13/21	Calibration Expiration Date:	08/13/21

PF-10 & PF-11 Pump house Room Temperature and V-701 & V-704 Fire Water Storage Tank Temperature									
Daily (September through April only)		Date:	01/11/21	01/12/21	1/13/21	1/14/21	1/15/21	1/16/21	1-17-21
		Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
		Initials:	[illegible]	PJC	[illegible]	PJC	PJC	TS / [illegible]	TS / [illegible]
SR	**Description**	**Acceptance Criteria**							
NA	ENSURE *M&TE Calibration Data* above is recorded and calibration dates have not elapsed.	Calibration dates have not elapsed.	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT
4.3.1.1[1]	RECORD fire water storage tank V-701 temperature	≥ 42.1 F	52.4	52.6	53.1	53.7	53.5	53.7	53.7
4.3.1.1[1]	RECORD fire water storage tank V-704 temperature	≥ 42.1 F	53.6	54.0	53.2	52.0	50.6	50.6	52.3
4.3.1.3[1]	RECORD PF-10 room temperature	≥ 50.1 F	63.7	63.8	65.7	65.8	65.2	65.9	65.8
4.3.1.3[1]	RECORD PF-11 room temperature	≥ 50.1 F	63.4	64.7	62.4	61.8	64.3	62.0	64.3
		Completion Time:	0927	0723	0713	0703	0717	0902	0908
	OC Operator Review and Page Count Complete (initials)		TS	TS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	OCS Daily Review Sign off (initials)		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[1] Temperatures should be recorded using Reference Thermometer FLUKE Model 1524 connected to Thermistor Probe Fluke Model 5610-9 (or approved engineered equivalent).

Completed by: o/i JEFF DELANEY Tyler Stilson Date 1/17/21 Time 0908

Reviewed by: [signature] On-duty Supervisor Date: 1/17/21 Time: 1950

Comments:

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 1 of 3)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

FOR INFORMATION ONLY

Note Gauge readings should be taken on rack #4 in the OC. whenever possible. Document if alternate PDIs are used.		**Date:**	1-18-21		1/19/21		1/20/21		1/21/21		1/22/21		1-23-21		1/24/21	
		Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
		Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
		Initials:	TS	C	AMJ	C	DH	C	AMJ	BC	CO	BC	JSL	BC	CO	C
SRs	**Description**	**Gauge Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**													
4.1.1.1 4.1.2.1[2]	**200 area glovebox exhaust header ΔP**	PDI-814-1 or PDI-814-2 ≤-1.5 in. wc[1]	-2.01	-1.99	-2.03	-2.01	-2.03	-1.98	-2.01	-2.02	-2.03	-2.00	-2.00	-2.01	-2.01	-2.03
	100 area glovebox exhaust header ΔP	PDI-820-1 or PDI-820-2 ≤-1.5 in. wc[1]	-1.92	-1.93	-1.92	-1.92	-1.92	-1.92	-1.92	-1.92	-1.92	-1.92	-1.93	-1.92	-1.93	-1.93
	300 area glovebox exhaust header ΔP	PDI-870-1 or PDI-870-2 ≤-1.5 in. wc[1]	-1.93	-1.97	-1.97	-1.96	-1.97	-1.96	-1.96	-1.97	-1.96	-1.96	-1.97	-1.97	-1.98	-1.97
	400 area glovebox exhaust header ΔP	PDI-864-1 or PDI-864-2 ≤-1.5 in. wc[1]	-2.01	-2.01	-2.00	-2.00	-2.00	-2.00	-2.02	-2.01	-2.02	-2.01	-2.00	-2.02	-2.01	-2.00
4.1.1.2 4.1.1.5[3] 4.1.2.2[2]	**200 area laboratory header ΔP**	PDI-803-1 or PDI-803-2 ≤-0.05 in. wc[1]	-.19	-.17	-.18	-.18	-.18	-.20	-.18	-.18	0.18	-.18	-0.17	-.18	0.18	-.18
	100 area laboratory header ΔP	PDI-802-1 or PDI-802-2 ≤-0.05 in. wc[1]	-.26	-.24	-.25	-.25	-.26	-.26	-.25	-.23	0.25	-.24	-0.24	-.24	0.24	-.24
	300 area laboratory header ΔP	PDI-853-1 or PDI-853-2 ≤-0.05 in. wc[1]	-.20	-.19	-.20	-.19	-.20	-.19	-.21	-.18	0.20	-.20	-0.19	-.19	0.20	-.19
	400 area laboratory header ΔP	PDI-852-1 or PDI-852-2 ≤-0.05 in. wc[1]	-.19	-.19	-.19	-.19	-.20	-.20	-.20	-.18	0.20	-.19	-0.19	-.19	0.19	-.18
	IFIT Facility ΔP	PDI-865-4 or PDI-865-5 ≤-0.05 in. wc	-.15	-.15	-.15	-.15	-.14	-.15	-.15	-.15	0.15	-.15	-0.15	-.15	0.15	-.15
4.1.1.3 4.1.2.3[2]	**North basement ΔP**	PDI-804-1 or PDI-804-2 < 0.00 in. wc	-.09	-.10	-.09	-.09	-.09	-.09	-.09	-.09	0.09	-.09	-0.09	-.09	0.09	-.09
	South basement ΔP	PDI-854-1 or PDI-854-2 < 0.00 in. wc	-.08	-.09	-.08	-.08	-.09	-.08	-.08	-.08	0.08	-.08	-0.08	-.08	0.08	-.09
	IRT Tunnel ΔP	PDT-901 or PDI-901 < 0.00 in. wc	-.103	-.124	-.119	-.115	-.125	-.116	-.101	-.118	0.116	-.116	-0.115	-.104	0.104	-.118

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 2 of 3)

Note Readings should be taken using FCS screens FMT#151,152,201LD and 202LD. Field verification and local plenum PDI's may be used if FCS is unavailable.			Date:	1-18-21		1/19/21		1/20/21		1/21/21		1/22/21		1-23-21		1/24/21	
			Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
			Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
			Initials:	TS	[illegible]	ARJ	[illegible]	DH	[illegible]	ARJ	BC	[illegible]	BC	JSL	BC	[illegible]	[illegible]
SRs	**Description**	**Readings**	**Acceptance Criteria**	**SURVEILLANCE RESULTS Sat / Unsat (circle one)**													
4.1.1.6	**200 area re-circulation fan/ plenum**	FR-801 Icon red and PDT-831 ΔP >.050 or FR-802 Icon red and PDT-832 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	100 area re-circulation fan/ plenum	FR-803 Icon red and PDT-833 ΔP >.050 or FR-804 Icon red and PDT-835 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	300 area re-circulation fan/ plenum	FR-805 Icon red and PDT-836 ΔP >.050 or FR-806 Icon red and PDT-837 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	400 area re-circulation fan/ plenum	FR-807 Icon red and PDT-838 ΔP >.050 or FR-808 Icon red and PDT-839 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	Vault re-circulation fan/ plenum	FR-811 Icon red and PDT-840 ΔP >.050 or FR-812 Icon red and PDT-841 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat

FOR INFORMATION ONLY

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 3 of 3)

FOR INFORMATION ONLY

Note Gauge readings should be taken on rack #4 in the OC when possible, local PDI equivalents may be used if necessary. Document any alternate PDIs used.				**Date:**	1-18-21		1/19/21		1/20/21		1/21/21		1/22/21		1-23-21		1/24/21	
				Weekday:	Mon		Tue		Wed		Thu		Fri		Sat		Sun	
				Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
				Initials:	TJ	C	AM	C	DH	C	AM	BC	C	BC	SSL	BC	C	
SRs	**Description**	**Area**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS** Sat / Unsat (circle one)													
4.1.1.4	**Glovebox exhaust header ΔPs < laboratory ΔPs < basement ΔPs for areas 100, 200, 300 and 400**	200 Area	PDI-814-2 PDI-803-2 PDI-804-2	PDI-814-2 < PDI-803-2 < PDI-804-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		100 Area	PDI-820-2 PDI-802-2 PDI-804-2	PDI-820-2 < PDI-802-2 < PDI-804-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		300 Area	PDI-870-2 PDI-853-2 PDI-854-2	PDI-870-2 < PDI-853-2 < PDI-854-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		400 Area	PDI-864-2 PDI-852-2 PDI-854-2	PDI-864-2 < PDI-852-2 < PDI-854-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		Completion Time			1124	1917	0731	1914	0736	1916	0729	1915	0724	1914	0730	1911	0716	1916
		OCS Daily Review Sign off (initials)					AM		AM		AMD							

[1] Mode 2 acceptance criteria is < 0.00 in. wc.

[2] SRs 4.1.2.x only apply during Mode 2 in accordance with LCO 3.1.2.

[3] SRs 4.1.1.5 is only applicable when MAR is in the IFIT Facility

Completed by: C Date 1/24/21 Time 1916 Reviewed by: _____ Date: 1/24/21 Time: 1917

On-duty Supervisor

Comments: _____

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 1 of 4)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

SR 4.4.1.1, The OPERABILITY acceptance criterion for this surveillance is:
The FLAMMABLE GAS detector in the FSTF FLAMMABLE GAS SOURCE storage cabinet is exposed to the ambient atmosphere in the storage cabinet. The gas concentration readout directly on the detector in the storage cabinet is compared with the gas concentration readout on the system control and alarm panel. The difference between the two readings is checked to VERIFY it is in the range of (≥-0.1; ≤0.1).

		Date:	1-18-21	1/19/21	1-20-21	1-21-21	1/22/21	1/23/21	1/24/21
		Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
		Initials:	ZH	M	MS	R	SO	ZH	ZH
	Description / Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (percentage)						
SR 4.4.1.1	**Flammable Gas Channel Check DET-305-3 (LCD Reading)**	NA	005	005	005	005	005	005	005
	CP-305-H (LED Reading)		005	005	005	005	005	005	005
	(DET-305-3) – (CP-305H) (LCD Reading) (LED Reading)	Record Calculated Value	005	005	005	005	005	005	005
		≥ -0.1; ≤+0.1	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005
		Completion Time:	0754	0700	0746	0805	0738	0719	0719

FOR INFORMATION ONLY

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 2 of 4)

FOR INFORMATION ONLY

			Date:	1/18/21	1/19/21	1-20-21	1-21-21	1/22/21	1/23/21	1/24/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	RH	TL	AJ	@	SO	ZL	RH
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.3.4[2]	South basement supply filter plenum (HVP-841) ΔP	[1]PDI-894-1	≤2.0 & > 0[1] in. wc	.01	.02	.01	.02	.02	.02	.02
		PDI-894-2	≤2.0 & > 0[1] in. wc	.49 RH 1/18/21	.48	.48	.49	.47	.49	.48
4.1.3.4[2]	South Corridor supply (HVP-810) ΔP	[1]PDI-895-1	≤2.0 & > 0[1] in. wc	.03	.03	.03	.03	.03	.03	.03
		PDI-895-2	≤2.0 & > 0[1] in. wc	.69	.69	.69	.63	.62	.62	.62
4.1.3.4[2]	300 area glovebox exhaust filter plenum (FF854) ΔP	[1]PDI-817-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	.30	.30	.30	.30
		PDI-817-2	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	.32	.32	.31	.31
		PDI-817-4	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	.33	.33	.33	.33
		PDI-817-5	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	.31	.31	.30	.31
4.1.3.4[2]	300 area special recovery glovebox exhaust filter plenum (FF858) ΔP	PDI-81 9-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	.48	.45	.47	.48
		PDI-81 9-3	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	.48	.45	.45	.45
		PDI-819-4	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	.40	.39	.40	.40
4.1.3.4[2]	300 area glovebox exhaust filter plenum (FF855) ΔP	[1]PDI-818-1	≤2.0 & > 0[1] in. wc	.27	.26	AM .27 PM .26	STBY	STBY	STBY	STBY
		PDI-818-2	≤2.0 & > 0[1] in. wc	.31	.32	.31	STBY	STBY	STBY	STBY
		PDI-818-4	≤2.0 & > 0[1] in. wc	.31	.32	.31	STBY	STBY	STBY	STBY
		PDI-818-5	≤2.0 & > 0[1] in. wc	.30	.30	.31	STBY	STBY	STBY	STBY
4.1.3.4[2]	300 area special recovery glovebox exhaust filter plenum (FF859) ΔP	PDI-821-1	≤2.0 & > 0[1] in. wc	.42	.43	.42	STBY	STBY	STBY	STBY
		PDI-821-3	≤2.0 & > 0[1] in. wc	.47	.46	.47	STBY	STBY	STBY	STBY
		PDI-821-4	≤2.0 & > 0[1] in. wc	.41	.41	.41	STBY	STBY	STBY	STBY

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 3 of 4)

FOR INFORMATION ONLY

			Date:	1-18-21	1/19/21	1-20-21	1-21-21	1/22/21	1/23/21	1/24/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	RH	RH	RH	RH	RH	RH	RH
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	400 area glovebox exhaust filter plenum (FF856) ΔP	[1]PDI-822-1	≤2.0 & > 0[1] in. wc	.13	.12	.12	STBY	STBY	STBY	STBY
		PDI-822-2	≤2.0 & > 0[1] in. wc	.60	.59	.59	STBY	STBY	STBY	STBY
		PDI-822-4	≤2.0 & > 0[1] in. wc	.42	.43	.42	STBY	STBY	STBY	STBY
		PDI-822-5	≤2.0 & > 0[1] in. wc	.59	.59	.59	STBY	STBY	STBY	STBY
4.1.3.4[2]	400 area glovebox exhaust filter plenum (FF857) ΔP	[1]PDI-823-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	.13	.07	.08	.08
		PDI-823-2	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	.53	.56	.60	.59
		PDI-823-4	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	.49	.48	.49	.50
		PDI-823—5	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	.62	.62	.60	.60
4.1.3.4[2]	South Basement exhaust filter plenum (FF-829) ΔP	[1]PDI-830-1	≤2.0 & > 0[1] in. wc	.24	.25	.15	.26	.27	.27	.26
		PDI-830-2	≤2.0 & > 0[1] in. wc	.10	.10	.08	.08	.10	.10	.10
		PDI-830-3	≤2.0 & > 0[1] in. wc	.11	.12	.09	.11	.12	.11	.11
4.1.1.7[2]	300 area re-circulation filter plenum (HVP-805) ΔP	[1]PDI-836-1	≤2.0 & > 0[1] in. wc	.06	.06	.06	.07	.07	.07	.06
		PDI-836-2	≤2.0 & > 0[1] in. wc	.65	.67	.65	.68	.66	.66	.65
		PDI-836-3	≤2.0 & > 0[1] in. wc	.65	.65	.65	.65	.65	.65	.65
	300 area re-circulation filter plenum (HVP-806) ΔP	[1]PDI-837-1	≤2.0 & > 0[1] in. wc	.04	.04	.04	.04	.04	.04	.04
		PDI-837-2	≤2.0 & > 0[1] in. wc	.50	.49	.49	.49	.49	.49	.50
		PDI-837-3	≤2.0 & > 0[1] in. wc	.46	.45	.45	.46	.45	.46	.45

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 4 of 4)

			Date:	1-18-21	1/19/21	1-20-21	1-21-21	1/22/21	1/23/21	1/24/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	RH	R	M	C	SO	RH	RH
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.1.7[2]	400 area re-circulation filter plenum (HVP-807) ΔP	[1]PDI-838-1	≤2.0 & > 0[1] in. wc	.58	.58	.58	.58	.58	.58	.58
		PDI-838-2	≤2.0 & > 0[1] in. wc	.58	.56	.55	.56	.56	.57	.58
		PDI-838-3	≤2.0 & > 0[1] in. wc	.59	.59	.59	.59	.59	.59	.59
	400 area re-circulation filter plenum (HVP-808) ΔP	[1]PDI-839-1	≤2.0 & > 0[1] in. wc	.40	.40	.40	.40	.42	.41	.41
		PDI-839-2	≤2.0 & > 0[1] in. wc	.52	.52	.52	.52	.52	.52	.52
		PDI-839-3	≤2.0 & > 0[1] in. wc	.52	.52	.52	.52	.52	.52	.51
4.1.3.4[2]	South Bleed off filter plenum (FF-822A) ΔP	[1]PDI-810-1	≤2.0 & > 0[1] in. wc	.16	.17	.17	OFF	OFF	OFF	OFF
		PDI-810-2	≤2.0 & > 0[1] in. wc	.85	.87	.87	OFF	OFF	OFF	OFF
		PDI-810-3	≤2.0 & > 0[1] in. wc	.50	.51	.51	OFF	OFF	OFF	OFF
4.1.3.4[2]	South Bleed off filter plenum (FF-822B) ΔP	[1]PDI -811 - 1	≤2.0 & > 0[1] in. wc	OFF	OFF	off	.14	.12	.11	.11
		PDI -811 -2	≤2.0 & > 0[1] in. wc	OFF	OFF	off	.51	.51	.51	.50
		PDI -811 -3	≤2.0 & > 0[1] in. wc	OFF	OFF	off	.51	.52	.51	.50
			Completion Time	0759	0737	0816	0825	0834	0758	0736
OC Operator Review and Page Count Complete (initials)				TS	BC	DH	DH	TS	JSC	TS
OCS Daily Review Sign off (initials)				[illegible]	ARJ	ARJ	ARJ	[illegible]	[illegible]	[illegible]

[1] Non TSR requirement
[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR 4.1.3.4 apply during both Mode 1 and Mode 2 as stated in LCO 3.1.3.

Completed by: RHohner Date 1/24/21 Time 0737 Reviewed by: [signature] Date: 1/24/21 Time: 0823
On-duty Supervisor

Comments 4.4.1.1 Awaiting Calibration / east H-wall door open

FOR INFORMATION ONLY

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 1 of 5)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

FOR INFORMATION ONLY

			Date:	1-18-21	1/19/21	1-20-21	1-21-21	1/22/21	1/23/21	1/24/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	RH	YL	@	AJ	SO	RH	RH
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.1.7[2]	Vault re-circulation filter plenum (HVP-811) ΔP Vault re-circulation filter plenum (HVP-812) ΔP	[1]PDI-840-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-840-2	≤2.0 & > 0 in[1]. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-840-3	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		[1]PDI-841-1	≤2.0 & > 0[1] in. wc	.48	.47	.48	.48	.48	.48	.48
		PDI-841-2	≤2.0 & > 0[1] in. wc	.60	.59	.59	.59	.59	.60	.59
		PDI-841-3	≤2.0 & > 0[1] in. wc	.51	.51	.52	.52	.52	.51	.51
	200 area re-circulation filter plenum (HVP-801) ΔP	[1]PDI-831-1	≤2.0 & > 0[1] in. wc	.36	.36	.36	.36	.36	.36	.36
		PDI-831-2	≤2.0 & > 0[1] in. wc	.41	.42	.41	.41	.42	.41	.41
		PDI-831-3	≤2.0 & > 0[1] in. wc	.40	.40	.40	.40	.40	.40	.40
	200 area re-circulation filter plenum (HVP-802) ΔP	[1]PDI-832-1	≤2.0 & > 0[1] in. wc	.60	.60	.61	.61	.60	.60	.60
		PDI-832-2	≤2.0 & > 0[1] in. wc	.65	.67	.68	.68	.66	.67	.68
		PDI-832-3	≤2.0 & > 0[1] in. wc	.60	.60	.60	.60	.61	.60	.60
4.1.3.4[2]	North Bleed off filter plenum (FF-820A) ΔP	[1]PDI-807-1	≤2.0 & > 0[1] in. wc	.12	.12	.13	off	OFF	OFF	OFF
		PDI-807-2	≤2.0 & > 0[1] in. wc	.59	.59	.59	off	OFF	OFF	OFF
		PDI-807-3	≤2.0 & > 0[1] in. wc	.50	.50	.51	off	OFF	OFF	OFF
4.1.3.4[2]	North Bleed off filter plenum (FF-820B) ΔP	[1]PDI-809-1	≤2.0 & > 0[1] in. wc	OFF	OFF	OFF	.08	.08	.08	.08
		PDI-809-2	≤2.0 & > 0[1] in. wc	OFF	OFF	OFF	.55	.56	.56	.57
		PDI-809-3	≤2.0 & > 0[1] in. wc	OFF	OFF	OFF	.52	.52	.51	.51

Attachment B-2: Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 2 of 5)

FOR INFORMATION ONLY

			Date:	1-18-21	1/19/21	1-20-21	1-21-21	1/22/21	1/23/21	1/24/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	RH	[illegible]	[illegible]	[illegible]	SO	RH	RH
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.3.4[2]	North Basement exhaust filter plenum (FF-828) ΔP	[1]PDI-829-1	≤2.0 & > 0[1] in. wc	.07	.07	.07	.07	.07	.06	.06
		PDI-829-2	≤2.0 & > 0[1] in. wc	.50	.51	.59	.51	.51	.50	.50
		PDI-829-3	≤2.0 & > 0[1] in. wc	.50	.50	.59	.50	.49	.49	.49
4.1.1.7[2]	100 area re-circulation filter plenum (HVP-803) ΔP	[1]PDI-833-1	≤2.0 & > 0[1] in. wc	.08	.08	.08	.08	.08	.08	.08
		PDI-833-2	≤2.0 & > 0[1] in. wc	.51	.54	.52	.52	.53	.52	.52
		PDI-833-3	≤2.0 & > 0[1] in. wc	.50	.51	.50	.51	.51	.50	.50
	100 area re-circulation filter plenum (HVP-804) ΔP	[1]PDI-835-1	≤2.0 & > 0[1] in. wc	PDI 1/18/21 .05 ~~.50~~	.05	.06	.06	.06	.06	.06
		PDI-835-2	≤2.0 & > 0[1] in. wc	.50	.50	.50	.50	.50	.50	.50
		PDI-835-3	≤2.0 & > 0[1] in. wc	.50	.50	.50	.50	.50	.50	.50
4.1.3.4[2]	100 area glovebox exhaust filter plenum (FF852) ΔP	[1]PDI-815-1	≤2.0 & > 0[1] in. wc	.21	.21	.21	.21	.21	.21	.21
		PDI-815-2	≤2.0 & > 0[1] in. wc	.50	.50	.50	.49	.49	.49	.48
		PDI-815-4	≤2.0 & > 0[1] in. wc	.44	.45	.43	.40	.39	.45	.45
		PDI-815-5	≤2.0 & > 0[1] in. wc	.48	.48	.49	.41	.41	.48	.48
4.1.3.4[2]	100 area glovebox exhaust filter plenum (FF853) ΔP	[1]PDI-816-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-816-2	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-816-4	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-816-5	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY

Attachment B-2: Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 3 of 5)

			Date:	1-18-21	1/19/21	1-20-21	1-21-21	1/22/21	1/23/21	1/24/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	ZH	[illegible]	[illegible]	[illegible]	SO	ZH	ZH
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF850) ΔP	[1]PDI-812-1	≤2.0 & > 0[1] in. wc	.14	.14	.14	.14	.13	.13	.13
		PDI-812-2	≤2.0 & > 0[1] in. wc	.30	.30	.31	.32	.32	.31	.31
		PDI-812-3	≤2.0 & > 0[1] in. wc	.29	.30	.30	.30	.30	.30	.30
		PDI-812-4	≤2.0 & > 0[1] in. wc	.30	.30	.30	.30	.29	.30	.30
		PDI-812-5	≤2.0 & > 0[1] in. wc	.35	.35	.33	.34	.32	.32	.32
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF851) ΔP	[1]PDI-813-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-813-2	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-813-3	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-813-4	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-813-5	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
4.1.3.4[2]	IFIT exhaust filter plenum (FF-865) ΔP	[1]PDI-865-1	≤2.0 & > 0[1] in. wc	.02	.02	.02	.02	.02	.02	.02
		PDI-865-2	≤2.0 & > 0[1] in. wc	.40	.40	.40	.35	.38	.38	.39
		PDI-865-3	≤2.0 & > 0[1] in. wc	.32	.33	.34	.32	.34	.32	.32
4.1.3.4[2]	IFIT supply filter plenum (HVP-863) ΔP	[1]PDI-863-1	≤2.0 & > 0[1] in. wc	.04	.03	.04	.04	.04	.04	.04
		PDI-863-2	≤2.0 & >0[1] in. wc	.30	.31	.31	.31	.30	.30	.30

FOR INFORMATION ONLY

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 4 of 5)

FOR INFORMATION ONLY

			Date:	1-18-21	1/19/21	1-20-21	1-21-21	1/22/21	1/23/21	1/24/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	RH	TH	R	as	SO	RH	RH
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS**						
4.1.3.4[2]	North Basement supply filter plenum (HVP-840) ΔP	[1]PDI-857-1	≤ 2.0 & > 0[1] in. wc	.09	.10	.01	.10	.09	.10	.10
		PDI-857-2	≤ 2.0 & > 0[1] in. wc	.44	.44	.43	.43	.42	.42	.43
4.1.3.4[2]	North corridor supply filter plenum (HVP-809) ΔP	[1]PDI-856-1	≤ 2.0 & > 0[1] in. wc	.02	.02	.02	.03	.02	.02	.02
		PDI-856-2	≤ 2.0 & > 0[1] in. wc	.60	.60	.59	.62	.62	.62	.62
[1]NA	**Combustible exclusion area around basement exhaust fans FE828, FE829 and bleed-off fans FE820A, FE820B, FE820C, FE822A, FE822B, FE822C**		**0 lb/ft² combustibles in designated exclusion area (within 15 feet of fans)**	SAT	Sat	SAT	Sat	SAT	SAT	SAT
4.3.2.2[2]	Room 201		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	Sat	SAT	Sat	SAT	SAT	SAT
4.3.2.2[2]	Room 204		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	Sat	SAT	Sat	SAT	SAT	SAT

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 5 of 5)

			Date:	1-18-21	1/19/21	1-20-21	1-21-21	1/22/21	1/23/21	1/24/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	RH	TL	[illegible]	[illegible]	SO	RH	RH
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS						
4.3.2.2[2]	Room 206		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	Sat	SAT	Sat	SAT	SAT	SAT
4.3.2.2[2]	Room 207		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	Sat	SAT	Sat	SAT	SAT	SAT
			Completion time	0828	0737	0816	0833	0834	0827	0814
			OC Operator Review and Page Count Complete (initials)	TS	BC	DM	DM	TS	[illegible]	TS
			OCS Daily Review Sign off (initials)	[illegible]	ARJ	ARJ	ARJ	[illegible]	[illegible]	[illegible]

[1] Non TSR requirement

[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR's 4.1.3.4 and 4.3.2.2 apply during both Mode 1 and Mode 2.

Note: Rooms 201, 206 & 207 **must be** entered for surveillance even if they are red lit, room 204 can be viewed through the window. Notify the Operations Center of any rooms that are unable to be entered for the performance of rounds, Operations Center will make a logbook entry recording the room(s) and reason(s) for non-entry. Document in the comments section any room(s) and reason(s) they were unable to be entered for rounds.

Completed by: RHöhner Date 1/24/21 Time 0814 Reviewed by: [signature] On-duty Supervisor Date: 1/24/21 Time: 0820

Comments:

FOR INFORMATION ONLY

Attachment C, Non-PF-4 Daily Surveillance Rounds [UET]

(Page 1 of 1)

FOR INFORMATION ONLY

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

M&TE Calibrated Data						
Record September through April only	PF-10 Thermometer File No.:	039746	PF-10 Thermistor File No.:	105353	V-701 Thermistor File No.:	103763
	Calibration Expiration Date:	8/5/21	Calibration Expiration Date:	8/13/21	Calibration Expiration Date:	8/13/21
	PF-11 Thermometer File No.:	039745	PF-11 Thermistor File No.:	105352	V-704 Thermistor File No.:	103761
	Calibration Expiration Date:	8/11/21	Calibration Expiration Date:	8/13/21	Calibration Expiration Date:	8/13/21

PF-10 & PF-11 Pump house Room Temperature and V-701 & V-704 Fire Water Storage Tank Temperature									
Daily (September through April only)		Date:	1-18-21	1/19/21	1/20/21	1/21/21	1/22/21	1-23-21	1-24-21
		Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
		Initials:	JSL	TL	PJC	PJC	PJC	JSL	TS
SR	**Description**	**Acceptance Criteria**							
NA	ENSURE *M&TE Calibration Data* above is recorded and calibration dates have not elapsed.	Calibration dates have not elapsed.	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT
4.3.1.1[1]	RECORD fire water storage tank V-701 temperature	≥ 42.1 F	53.90	53.2	52.5	53.1	53.9	54.31	53.9
4.3.1.1[1]	RECORD fire water storage tank V-704 temperature	≥ 42.1 F	54.14	53.2	50.7	50.5	52.2	54.09	53.5
4.3.1.3[1]	RECORD PF-10 room temperature	≥ 50.1 F	67.90	64.7	65.1	65.6	66.1	66.54	66.6
4.3.1.3[1]	RECORD PF-11 room temperature	≥ 50.1 F	65.37	64.8	63.7	65.8	65.3	65.77	64.6
		Completion Time:	0421	0836	0728	0707	0710	0927	0905
	OC Operator Review and Page Count Complete (initials)		TS	ARM JSL	DH	DH	TS	JSL	TS
	OCS Daily Review Sign off (initials)			ARM	ARM	ARM			

[1] Temperatures should be recorded using Reference Thermometer FLUKE Model 1524 connected to Thermistor Probe Fluke Model 5610-9 (or approved engineered equivalent).

Completed by: T. Stilson Date 1-24-21 Time 0905

Reviewed by: On-duty Supervisor Date: 1/24/21 Time: 0931

Comments:

Attachment D, Monthly Surveillance Rounds (Confinement Doors) [UET]

(Page 1 of 2)

NOTE: This entire Attachment is to be treated as Surveillance Requirement implementing actions.

FOR INFORMATION ONLY

SRs	Equipment	Location	Acceptance criteria	Sat or Unsat.	Completion Time:	Date:	Initials	CDV Initials
*Note	Confinement DR-344	Southeast	Verify that the Astragals and Jamb-Seal features are in-place and cover the gaps present 1. Between the door leaves and 2. Between the frame and the door edge when the doors are in the closed position	Sat. / Unsat.				
4.1.3.2[1]	Confinement Door DR-344	Southeast	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure. For each confinement door, VERIFY that one leaf of the door(s) is secured shut (NW, NE, SW, SE, south basement door).	Sat. / Unsat.				
4.1.3.2[1]	Confinement Door DR-149	Northeast	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure. For each confinement door, VERIFY that one leaf of the door(s) is secured shut (NW, NE, SW, SE, south basement door).	Sat. / Unsat.				
*Note	Confinement DR-102	Northwest	Verify that the Astragals and Jamb-Seal features are in-place and cover the gaps present 1. Between the door leaves and 2. Between the frame and the door edge when the doors are in the closed position	Sat. / Unsat.				
4.1.3.2[1]	Confinement Door DR-102	Northwest	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure. For each confinement door, VERIFY that one leaf of the door(s) is secured shut (NW, NE, SW, SE, south basement door).	Sat. / Unsat.				
			AND VERIFY and RECORD the time (using calibrated stop watch) that the door(s) goes to the fully closed position via the automatic door closure is ≤ 30 seconds. _____ Seconds	Sat. / Unsat.				

*** Note:** Monthly Inspection of DR-344 and DR-102 in accordance with compensatory measure(s) from: *Request for Permanent Equivalency to OE Order 420.1B Chapter II, NFPA 80, NFPA 101 and IBC Requirements for LANL Building TA55-4 (PF-4); Installation of New Confinement Doors DR-102, DR-302, and DR-344 LANL-DOE-ORDER-420.1B-EQ-2013-001*

Attachment D, Monthly Surveillance Rounds (Confinement Doors) [UET]

(Page 2 of 2)

SRs	Equipment	Location	Acceptance criteria	Sat or Unsat.	Completion Time:	Date:	Initials	CDV Initials
4.1.3.2[1]	Confinement Door DR-302	Southwest	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure. For each confinement door, VERIFY that one leaf of the door(s) is secured shut (NW, NE, SW, SE, south basement door)	Sat / Unsat				
			AND VERIFY and RECORD the time (using calibrated stop watch) that the door(s) goes to the fully closed position via the automatic door closure is ≤ 30 seconds. _____ Seconds	Sat / Unsat				
4.1.3.2[1]	Confinement Door DR-4	N Basement Personnel door DR-4	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure	Sat / Unsat				
4.1.3.2[1]	Confinement Door DR-90	South Basement Door (Tunnel)	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure. For each confinement door, VERIFY that one leaf of the door(s) is secured shut (NW, NE, SW, SE, south basement door).	Sat / Unsat				
					OC Operator Review and Page Count Complete			

[1] SR 4.1.3.2 applies during both Mode 1 and Mode 2.

Completed by: _____ Date _____ Time _____ Reviewed by: _____ Date: _____ Time _____

Concurrent Dual Verifier _____ Date _____ Time _____

On-duty Supervisor Comments: _____

FOR INFORMATION ONLY

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 1 of 3)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

FOR INFORMATION ONLY

Note: Gauge readings should be taken on rack #4 in the OC. whenever possible. Document if alternate PDIs are used.		Date:	1/25/21		1/26/21 ~~1/25/21~~		1/27/21		1/28/21		1/29/21		1/30/21		1/31/21	
		Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
		Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
		Initials:	DH	M	AFJ	M	[illegible]	[illegible]	[illegible]	BC	DH	M	DH	M	AFJ	M
SRs	**Description**	**Gauge Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**													
4.1.1.1 4.1.2.1[2]	200 area glovebox exhaust header ΔP	PDI-814-1 or PDI-814-2 ≤-1.5 in. wc[1]	-2.00	-2.01	-2.01	-2.00	-2.01	-1.99	-2.02	-2.01	-1.99	-1.99	-2.00	-2.01	-2.00	-2.00
	100 area glovebox exhaust header ΔP	PDI-820-1 or PDI-820-2 ≤-1.5 in. wc[1]	-1.93	-1.91	-1.92	-1.93	-1.92	-1.92	-1.92	-1.94	-1.92	-1.92	-1.92	-1.92	-1.92	-1.92
	300 area glovebox exhaust header ΔP	PDI-870-1 or PDI-870-2 ≤-1.5 in. wc[1]	-1.97	-1.97	-1.97	-1.95	-1.97	-1.99	-1.96	-1.98	-1.96	-1.95	-1.96	-1.97	-1.97	-1.97
	400 area glovebox exhaust header ΔP	PDI-864-1 or PDI-864-2 ≤-1.5 in. wc[1]	-2.00	-2.01	-2.00	-2.04	-2.00	-2.00	-1.98	-2.03	-2.04	-1.99	-2.01	-2.02	-2.02	-2.00
4.1.1.2 4.1.1.5[3] 4.1.2.2[2]	200 area laboratory header ΔP	PDI-803-1 or PDI-803-2 ≤-0.05 in. wc[1]	-0.19	-.19	-.18	-.19	-0.19	-.18	-0.20	-.16	-.19	-.19	-.22	-.18	-.18	-.18
	100 area laboratory header ΔP	PDI-802-1 or PDI-802-2 ≤-0.05 in. wc[1]	-0.23	-.25	-.25	-.25	-0.24	-.25	-0.26	-.21	-.25	-.26	-.24	-.24	-.24	-.24
	300 area laboratory header ΔP	PDI-853-1 or PDI-853-2 ≤-0.05 in. wc[1]	-0.20	-.19	-.21	-.22	-0.19	-.20	-0.22	-.18	-.20	-.22	-.13	-.19	-.18	-.20
	400 area laboratory header ΔP	PDI-852-1 or PDI-852-2 ≤-0.05 in. wc[1]	-0.19	-.18	-.20	-.22	-0.19	-.19	-0.21	-.16	-.19	-.22	-.13	-.19	-.18	-.20
	IFIT Facility ΔP	PDI-865-4 or PDI-865-5 ≤-0.05 in. wc	-0.15	-.15	-.15	-.15	-0.15	-.15	-0.15	-.15	-.14	-.15	-.15	-.15	-.15	-.15
4.1.1.3 4.1.2.3[2]	North basement ΔP	PDI-804-1 or PDI-804-2 < 0.00 in. wc	-0.09	-.09	-.09	-.09	-0.09	-.09	-0.09	-.09	-.09	-.09	-.10	-.09	-.10	-.09
	South basement ΔP	PDI-854-1 or PDI-854-2 < 0.00 in. wc	-0.08	-.08	-.08	-.08	-0.08	-.08	-0.08	-.08	-.08	-.08	-.11	-.08	-.08	-.08
	IRT Tunnel ΔP	PDT-901 or PDI-901 < 0.00 in. wc	-0.105	-.117	-.118	-.100	-0.115	-.116	-0.114	-.116	-.114	-.117	-.108	-.108	-.110	-.108

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 2 of 3)

FOR INFORMATION ONLY

Note				Date:	1/25/21		1/26/21		1/27/21		1/28/21		1/29/21		1/30/21		1/31/21	
Readings should be taken using FCS screens FMT#151,152,201LD and 202LD. Field verification and local plenum PDI's may be used if FCS is unavailable.				Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
				Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
				Initials:	OH	M	AFY	M	[illegible]	L	[illegible]	BL	OH	M	OH	M	AFY	M
SRs	**Description**	**Readings**	**Acceptance Criteria**	**SURVEILLANCE RESULTS Sat / Unsat (circle one)**														
4.1.1.6	**200 area re-circulation fan/ plenum**	FR-801 Icon red and PDT-831 ΔP >.050 or FR-802 Icon red and PDT-832 ΔP >.050	At least one fan/plenum is in service	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat
	100 area re-circulation fan/ plenum	FR-803 Icon red and PDT-833 ΔP >.050 or FR-804 Icon red and PDT-835 ΔP >.050	At least one fan/plenum is in service	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat
	300 area re-circulation fan/ plenum	FR-805 Icon red and PDT-836 ΔP >.050 or FR-806 Icon red and PDT-837 ΔP >.050	At least one fan/plenum is in service	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat
	400 area re-circulation fan/ plenum	FR-807 Icon red and PDT-838 ΔP >.050 or FR-808 Icon red and PDT-839 ΔP >.050	At least one fan/plenum is in service	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat
	Vault re-circulation fan/ plenum	FR-811 Icon red and PDT-840 ΔP >.050 or FR-812 Icon red and PDT-841 ΔP >.050	At least one fan/plenum is in service	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 3 of 3)

FOR INFORMATION ONLY

Note				Date:	1/25/21	1/26/21	1/27/21	1/28/21	1/29/21	1/30/21	1/31/21	
Gauge readings should be taken on rack #4 in the OC when possible, local PDI equivalents may be used if necessary. Document any alternate PDIs used.				Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun	
				Shift:	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM
				Initials:	DH / M	ARJ / M	[illegible]	[illegible]	DH / M	DH / M	AMJ / M	
SRs	Description	Area	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS Sat / Unsat (circle one)							
4.1.1.4	Glovebox exhaust header ΔPs < laboratory ΔPs < basement ΔPs for areas 100, 200, 300 and 400	200 Area	PDI-814-2 PDI-803-2 PDI-804-2	PDI-814-2 < PDI-803-2 < PDI-804-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		100 Area	PDI-820-2 PDI-802-2 PDI-804-2	PDI-820-2 < PDI-802-2 < PDI-804-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		300 Area	PDI-870-2 PDI-853-2 PDI-854-2	PDI-870-2 < PDI-853-2 < PDI-854-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		400 Area	PDI-864-2 PDI-852-2 PDI-854-2	PDI-864-2 < PDI-852-2 < PDI-854-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		Completion Time			0727	1930	0733	1930	0724 1919	0724 1916	0730 1931	0730 1927	0723 1929
		OCS Daily Review Sign off (initials)			ARJ	[illegible]	ARJ	[illegible]	[illegible]	ARJ	[illegible]	ARJ	[illegible]

[1] Mode 2 acceptance criteria is < 0.00 in. wc.

[2] SRs 4.1.2.x only apply during Mode 2 in accordance with LCO 3.1.2.

[3] SRs 4.1.1.5 is only applicable when MAR is in the IFIT Facility

Completed by: [illegible] Date 1/31/21 Time 1929 Reviewed by: [illegible] Date: 1/31/21 Time: 1935

On-duty Supervisor

Comments: _____

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 1 of 4)

FOR INFORMATION ONLY

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

SR 4.4.1.1, The OPERABILITY acceptance criterion for this surveillance is:
The FLAMMABLE GAS detector in the FSTF FLAMMABLE GAS SOURCE storage cabinet is exposed to the ambient atmosphere in the storage cabinet. The gas concentration readout directly on the detector in the storage cabinet is compared with the gas concentration readout on the system control and alarm panel. The difference between the two readings is checked to VERIFY it is in the range of (≥-0.1; ≤0.1).

		Date:	1/25/21	1/26/21	1/27/21	1/28/21	1/29/21	1/30/21	1/31/21
		Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
		Initials:	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Description / Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (percentage)						
SR 4.4.1.1	**Flammable Gas Channel Check DET-305-3 (LCD Reading)**	NA	005	005	005	005	005	005	005
	CP-305-H (LED Reading)		005	005	005	005	005	005	005
	(DET-305-3) – (CP-305H) (LCD Reading) (LED Reading)	Record Calculated Value	005	005	005	005	005	005	005
		≥ -0.1; ≤+0.1	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005
		Completion Time:	0805	0705	0702	0706	0737	0701	0763

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 2 of 4)

FOR INFORMATION ONLY

			Date:	1/25/21	1/26/21	1/27/21	1/28/21	1/29/21	1/30/21	1/31/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	[illegible]	[illegible]	[illegible]	[illegible]	SO	[illegible]	[illegible]
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.3.4[2]	South basement supply filter plenum (HVP-841) ΔP	[1]PDI-894-1	≤2.0 & > 0[1] in. wc	.02	.02	.02	.02	.02	.02	.02
		PDI-894-2	≤2.0 & > 0[1] in. wc	.48	.48	.48	.48	.48	.48	.48
4.1.3.4[2]	South Corridor supply (HVP-810) ΔP	[1]PDI-895-1	≤2.0 & > 0[1] in. wc	.03	.03	.03	.03	.03	.03	.03
		PDI-895-2	≤2.0 & > 0[1] in. wc	.62	.62	.62	.62	.62	.64	.64
4.1.3.4[2]	300 area glovebox exhaust filter plenum (FF854) ΔP	[1]PDI-817-1	≤2.0 & > 0[1] in. wc	.30	.31	.31	.30	.29	.29	.29
		PDI-817-2	≤2.0 & > 0[1] in. wc	.32	.31	.31	.31	.31	.31	.31
		PDI-817-4	≤2.0 & > 0[1] in. wc	.34	.35	.35	.34	.33	.34	.34
		PDI-817-5	≤2.0 & > 0[1] in. wc	.32	.32	.32	.31	.31	.31	.31
4.1.3.4[2]	300 area special recovery glovebox exhaust filter plenum (FF858) ΔP	PDI-81 9-1	≤2.0 & > 0[1] in. wc	.45	.46	.46	.46	.46	.46	.46
		PDI-81 9-3	≤2.0 & > 0[1] in. wc	.47	.47	.47	.47	.46	.47	.47
		PDI-819-4	≤2.0 & > 0[1] in. wc	.40	.40	.40	.40	.40	.40	.40
4.1.3.4[2]	300 area glovebox exhaust filter plenum (FF855) ΔP	[1]PDI-818-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-818-2	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-818-4	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-818-5	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
4.1.3.4[2]	300 area special recovery glovebox exhaust filter plenum (FF859) ΔP	PDI-821-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-821-3	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-821-4	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 3 of 4)

FOR INFORMATION ONLY

			Date:	1/25/21	1/26/21	1/27/21	1/28/21	1/29/21	1/30/21	1/31/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	TL	JM	JM	JM	SD	JM	JM
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.3.4[2]	400 area glovebox exhaust filter plenum (FF856) ΔP	[1]PDI-822-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-822-2	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-822-4	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-822-5	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
4.1.3.4[2]	400 area glovebox exhaust filter plenum (FF857) ΔP	[1]PDI-823-1	≤2.0 & > 0[1] in. wc	.07	.07	.07	.07	.07	.07	.07
		PDI-823-2	≤2.0 & > 0[1] in. wc	.52	.56	.55	.56	.56	.56	.56
		PDI-823-4	≤2.0 & > 0[1] in. wc	.50	.49	.49	.49	.48	.49	.49
		PDI-823—5	≤2.0 & > 0[1] in. wc	.62	.62	.61	.62	.62	.62	.62
4.1.3.4[2]	South Basement exhaust filter plenum (FF-829) ΔP	[1]PDI-830-1	≤2.0 & > 0[1] in. wc	.25	.27	.32	.30	.34	.21	.27
		PDI-830-2	≤2.0 & > 0[1] in. wc	.09	.09	.11	.09	.11	.10	.10
		PDI-830-3	≤2.0 & > 0[1] in. wc	.11	.11	.12	.12	.13	.09	.11
4.1.1.7[2]	300 area re-circulation filter plenum (HVP-805) ΔP	[1]PDI-836-1	≤2.0 & > 0[1] in. wc	.07	.07	.07	.07	.07	.07	.07
		PDI-836-2	≤2.0 & > 0[1] in. wc	.65	.65	.65	.65	.65	.65	.65
		PDI-836-3	≤2.0 & > 0[1] in. wc	.65	.65	.65	.66	.65	.65	.65
	300 area re-circulation filter plenum (HVP-806) ΔP	[1]PDI-837-1	≤2.0 & > 0[1] in. wc	.04	.04	.04	.04	.04	.04	.04
		PDI-837-2	≤2.0 & > 0[1] in. wc	.50	.49	.49	.49	.49	.49	.49
		PDI-837-3	≤2.0 & > 0[1] in. wc	.45	.43	.43	.44	.44	.43	.43

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 4 of 4)

FOR INFORMATION ONLY

			Date:	1/25/21	1/26/21	1/27/21	1/28/21	1/29/21	1/30/21	1/31/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	YL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.1.7[2]	400 area re-circulation filter plenum (HVP-807) ΔP	[1]PDI-838-1	≤2.0 & > 0[1] in. wc	.58	.58	.58	.58	.58	.58	.58
		PDI-838-2	≤2.0 & > 0[1] in. wc	.55	.57	.57	.57	.57	.57	.57
		PDI-838-3	≤2.0 & > 0[1] in. wc	.58	.58	.58	.58	.59	.58	.58
	400 area re-circulation filter plenum (HVP-808) ΔP	[1]PDI-839-1	≤2.0 & > 0[1] in. wc	.40	.41	.40	.40	.40	.40	.40
		PDI-839-2	≤2.0 & > 0[1] in. wc	.52	.52	.52	.52	.52	.52	.52
		PDI-839-3	≤2.0 & > 0[1] in. wc	.53	.53	.53	.53	.52	.53	.53
4.1.3.4[2]	South Bleed off filter plenum (FF-822A) ΔP	[1]PDI-810-1	≤2.0 & > 0[1] in. wc	OFF	off	off	off	OFF	off	off
		PDI-810-2	≤2.0 & > 0[1] in. wc	OFF	off	off	off	OFF	off	off
		PDI-810-3	≤2.0 & > 0[1] in. wc	OFF	off	off	off	OFF	off	off
4.1.3.4[2]	South Bleed off filter plenum (FF-822B) ΔP	[1]PDI -811 - 1	≤2.0 & > 0[1] in. wc	.12	.11	.12	.12	.11	.11	.11
		PDI -811 -2	≤2.0 & > 0[1] in. wc	.55	.53	.55	.54	.51	.52	.52
		PDI -811 -3	≤2.0 & > 0[1] in. wc	.52	.52	.52	.52	.51	.50	.50
			Completion Time	0831	0810	0745	0800	1009	0750	0747
OC Operator Review and Page Count Complete (initials)				OH	OH	dsc	TS	OH	OH	DH
OCS Daily Review Sign off (initials)				ARD	ARD	[illegible]	[illegible]	ARD	ARD	ARD

[1] Non TSR requirement
[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR 4.1.3.4 apply during both Mode 1 and Mode 2 as stated in LCO 3.1.3.

Completed by: Teresa M. Date 1/31/21 Time 0747 Reviewed by: [illegible] Date: 1/31/21 Time: 1935
On-duty Supervisor

Comments 4.4.1.1 Meter awaiting calibration.

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 1 of 5)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

FOR INFORMATION ONLY

			Date:	1/25/21	1/26/21	1/27/21	1/28/21	1/29/21	1/30/21	1/31/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	TL	[illegible]	[illegible]	[illegible]	SD	[illegible]	[illegible]
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.1.7[2]	Vault re-circulation filter plenum (HVP-811) ΔP Vault re-circulation filter plenum (HVP-812) ΔP	[1]PDI-840-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-840-2	≤2.0 & > 0 in[1] wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-840-3	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		[1]PDI-841-1	≤2.0 & > 0[1] in. wc	.47	.47	.47	.47	.48	.47	.47
		PDI-841-2	≤2.0 & > 0[1] in. wc	.59	.58	.58	.59	.59	.59	.59
		PDI-841-3	≤2.0 & > 0[1] in. wc	.52	.52	.52	.52	.52	.52	.53
	200 area re-circulation filter plenum (HVP-801) ΔP	[1]PDI-831-1	≤2.0 & > 0[1] in. wc	.36	.36	.36	.36	.36	.36	.36
		PDI-831-2	≤2.0 & > 0[1] in. wc	.42	.42	.42	.42	.41	.42	.42
		PDI-831-3	≤2.0 & > 0[1] in. wc	.40	.40	.40	.40	.39	.40	.40
	200 area re-circulation filter plenum (HVP-802) ΔP	[1]PDI-832-1	≤2.0 & > 0[1] in. wc	.60	.60	.60	.60	.60	.60	.60
		PDI-832-2	≤2.0 & > 0[1] in. wc	.66	.66	.67	.67	.67	.67	.67
		PDI-832-3	≤2.0 & > 0[1] in. wc	.60	.60	.61	.61	.61	.61	.61
4.1.3.4[2]	North Bleed off filter plenum (FF-820A) ΔP	[1]PDI-807-1	≤2.0 & > 0[1] in. wc	OFF	off	off	off	OFF	off	off
		PDI-807-2	≤2.0 & > 0[1] in. wc	OFF	off	off	off	OFF	off	off
		PDI-807-3	≤2.0 & > 0[1] in. wc	OFF	off	off	off	OFF	off	off
4.1.3.4[2]	North Bleed off filter plenum (FF-820B) ΔP	[1]PDI-809-1	≤2.0 & > 0[1] in. wc	.07	.08	.08	.08	.08	.08	.08
		PDI-809-2	≤2.0 & > 0[1] in. wc	.55	.56	.57	.57	.55	.57	.57
		PDI-809-3	≤2.0 & > 0[1] in. wc	.52	.52	.52	.52	.52	.54	.54

Attachment B-2: Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 2 of 5)

FOR INFORMATION ONLY

			Date:	1/25/21	1/26/21	1/27/21	1/28/21	1/29/21	1/30/21	1/31/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	TL	[illegible]	[illegible]	[illegible]	80	[illegible]	[illegible]
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.3.4[2]	North Basement exhaust filter plenum (FF-828) ΔP	[1]PDI-829-1	≤2.0 & > 0[1] in. wc	.06	.06	.06	.06	.06	.06	.06
		PDI-829-2	≤2.0 & > 0[1] in. wc	.50	.50	.50	.50	.50	.46	.48
		PDI-829-3	≤2.0 & > 0[1] in. wc	.49	.49	.49	.49	.48	.42	.49
4.1.1.7[2]	100 area re-circulation filter plenum (HVP-803) ΔP	[1]PDI-833-1	≤2.0 & > 0[1] in. wc	.08	.08	.08	.08	.08	.08	.08
		PDI-833-2	≤2.0 & > 0[1] in. wc	.53	.54	.53	.53	.53	.53	.53
		PDI-833-3	≤2.0 & > 0[1] in. wc	.51	.51	.51	.51	.51	.51	.51
	100 area re-circulation filter plenum (HVP-804) ΔP	[1]PDI-835-1	≤2.0 & > 0[1] in. wc	.06	.06	.06	.06	.06	.06	.06
		PDI-835-2	≤2.0 & > 0[1] in. wc	.50	.49	.49	.49	.50	.49	.49
		PDI-835-3	≤2.0 & > 0[1] in. wc	.50	.50	.50	.50	.50	.50	.50
4.1.3.4[2]	100 area glovebox exhaust filter plenum (FF852) ΔP	[1]PDI-815-1	≤2.0 & > 0[1] in. wc	.21	.23	.23	.23	.21	.23	.23
		PDI-815-2	≤2.0 & > 0[1] in. wc	.50	.51	.51	.51	.50	.51	.51
		PDI-815-4	≤2.0 & > 0[1] in. wc	.45	.45	.45	.43	.42	.44	.44
		PDI-815-5	≤2.0 & > 0[1] in. wc	.48	.48	.48	.47	.45	.47	.47
4.1.3.4[2]	100 area glovebox exhaust filter plenum (FF853) ΔP	[1]PDI-816-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-816-2	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-816-4	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-816-5	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY

Attachment B-2: Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 3 of 5)

FOR INFORMATION ONLY

			Date:	1/25/21	1/26/21	1/27/21	1/28/21	1/29/21	1/30/21	1/31/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	TL	[illegible]	[illegible]	[illegible]	BO	[illegible]	[illegible]
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF850) ΔP	[1]PDI-812-1	≤2.0 & > 0[1] in. wc	.12	.12	.13	.13	.13	.13	.13
		PDI-812-2	≤2.0 & > 0[1] in. wc	.32	.31	.31	.31	.31	.31	.31
		PDI-812-3	≤2.0 & > 0[1] in. wc	.30	.32	.32	.32	.32	.32	.32
		PDI-812-4	≤2.0 & > 0[1] in. wc	.30	.29	.29	.29	.29	.29	.29
		PDI-812-5	≤2.0 & > 0[1] in. wc	.33	.33	.33	.32	.33	.33	.33
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF851) ΔP	[1]PDI-813-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-813-2	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-813-3	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-813-4	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-813-5	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
4.1.3.4[2]	IFIT exhaust filter plenum (FF-865) ΔP	[1]PDI-865-1	≤2.0 & > 0[1] in. wc	.02	.02	.02	.02	.02	.02	.02
		PDI-865-2	≤2.0 & > 0[1] in. wc	.38	.38	.38	.38	.38	.38	.38
		PDI-865-3	≤2.0 & > 0[1] in. wc	.35	.35	.35	.35	.35	.35	.35
4.1.3.4[2]	IFIT supply filter plenum (HVP-863) ΔP	[1]PDI-863-1	≤2.0 & > 0[1] in. wc	.04	.04	.04	.04	.04	.04	.04
		PDI-863-2	≤2.0 & >0[1] in. wc	.30	.31	.31	.31	.31	.31	.31

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 4 of 5)

FOR INFORMATION ONLY

			Date:	1/25/21	1/26/21	1/27/21	1/28/21	1/29/21	1/30/21	1/31/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	[illegible]	[illegible]	[illegible]	[illegible]	SO	[illegible]	[illegible]
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS**						
4.1.3.4[2]	North Basement supply filter plenum (HVP-840) ΔP	[1]PDI-857-1	≤ 2.0 & > 0[1] in. wc	.10	.10	.10	.09	.10	.09	.09
		PDI-857-2	≤ 2.0 & > 0[1] in. wc	.44	.44	.43	.44	.43	.44	.44
4.1.3.4[2]	North corridor supply filter plenum (HVP-809) ΔP	[1]PDI-856-1	≤ 2.0 & > 0[1] in. wc	.03	.03	.03	.03	.03	.03	.03
		PDI-856-2	≤ 2.0 & > 0[1] in. wc	.62	.62	.62	.62	.62	.62	.62
[1]NA	**Combustible exclusion area around basement exhaust fans FE828, FE829 and bleed-off fans FE820A, FE820B, FE820C, FE822A, FE822B, FE822C**		**0 lb/ft² combustibles in designated exclusion area (within 15 feet of fans)**	Sat	SAT	[illegible] 1/25/21 ~~SAT~~ SAT	SAT	SAT	SAT	SAT
4.3.2.2[2]	Room 201		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	Sat	SAT	SAT	SAT	SAT	SAT	SAT
4.3.2.2[2]	Room 204		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	Sat	SAT	SAT	SAT	SAT	SAT	SAT

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 5 of 5)

FOR INFORMATION ONLY

			Date:	1/25/21	1/26/21	1/27/21	1/28/21	1/29/21	1/30/21	1/31/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS**						
4.3.2.2[2]	Room 206		0 lb/ft² combustibles within 3 5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	Sat	SAT	SAT	SAT	SAT	SAT	SAT
4.3.2.2[2]	Room 207		0 lb/ft² combustibles within 3 5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	Sat	SAT	SAT	SAT	SAT	SAT	SAT
			Completion time	0818	0750	0730	0745	1009	0709	0720
			OC Operator Review and Page Count Complete (initials)	DH	DH	[illegible]	TS	DH	DH	DH
			OCS Daily Review Sign off (initials)	APJ	APJ	[illegible]	[illegible]	APJ	APJ	APJ

[1] Non TSR requirement

[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR's 4.1.3.4 and 4.3.2.2 apply during both Mode 1 and Mode 2.

Note: Rooms 201, 206 & 207 **must be** entered for surveillance even if they are red lit, room 204 can be viewed through the window. Notify the Operations Center of any rooms that are unable to be entered for the performance of rounds, Operations Center will make a logbook entry recording the room(s) and reason(s) for non-entry. Document in the comments section any room(s) and reason(s) they were unable to be entered for rounds.

Completed by: [illegible] Date 1/31/21 Time 0720 Reviewed by: [illegible] On-duty Supervisor Date: 1/31/21 Time: 1935

Comments: 1/28/21 Unsat condition North basement near N-6 combustible area. Notified Ops portable CAM with extension cord on floor. Equipment has been moved by RCT. Condition now SAT.

Attachment C, Non-PF-4 Daily Surveillance Rounds [UET]

(Page 1 of 1)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

FOR INFORMATION ONLY

M&TE Calibrated Data						
Record September through April only	PF-10 Thermometer File No.:	039746	PF-10 Thermistor File No.:	105353	V-701 Thermistor File No.:	103763
	Calibration Expiration Date:	8/5/21	Calibration Expiration Date:	8/13/21	Calibration Expiration Date:	8/13/21
	PF-11 Thermometer File No.:	039745	PF-11 Thermistor File No.:	105352	V-704 Thermistor File No.:	103761
	Calibration Expiration Date:	8/11/21	Calibration Expiration Date:	8/13/21	Calibration Expiration Date:	8/13/21

PF-10 & PF-11 Pump house Room Temperature and V-701 & V-704 Fire Water Storage Tank Temperature									
Daily (September through April only)		Date:	1/25/21	1/26/21	1/27/21	1/28/21	1/29/21	1/30/21	1/31/21
		Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
		Initials:	DH	DH	PJC	PJC	PJC	DH	DH
SR	**Description**	**Acceptance Criteria**							
NA	ENSURE *M&TE Calibration Data* above is recorded and calibration dates have not elapsed	Calibration dates have not elapsed	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT
4.3.1.1[1]	RECORD fire water storage tank V-701 temperature	≥ 42 1 F	53.3	53.0	52.1	52.5	53.1	53.1	53.3
4.3.1.1[1]	RECORD fire water storage tank V-704 temperature	≥ 42 1 F	51.6	50.1	50.1	51.4	52.8	53.8	54.6
4.3.1.3[1]	RECORD PF-10 room temperature	≥ 50 1 F	66.1	64.5	60.3	65.9	65.8	66.3	67.6
4.3.1.3[1]	RECORD PF-11 room temperature	≥ 50 1 F	66.5	64.9	63.6	66.2	64.1	70.2	74.9
		Completion Time	0839	0819	0736	0714	0724	0927	0935
		OC Operator Review and Page Count Complete (initials)	DH	DH	JSC	TS	DH	ARJ	ARJ
		OCS Daily Review Sign off (initials)	ARJ	ARJ			ARJ	ARJ	ARJ

[1] Temperatures should be recorded using Reference Thermometer FLUKE Model 1524 connected to Thermistor Probe Fluke Model 5610-9 (or approved engineered equivalent).

Completed by: DH DH Date 1/31/21 Time 0935

Reviewed by: [signature] Date: 1/31/21 Time: 1935
On-duty Supervisor

Comments:

Attachment D, Monthly Surveillance Rounds (Confinement Doors) [UET]

(Page 1 of 2)

NOTE: This entire Attachment is to be treated as Surveillance Requirement implementing actions.

SRs	Equipment	Location	Acceptance criteria	Sat or Unsat.	Completion Time:	Date:	Initials	CDV Initials
*Note	Confinement DR-344	Southeast	Verify that the Astragals and Jamb-Seal features are in-place and cover the gaps present 1. Between the door leaves and 2. Between the frame and the door edge when the doors are in the closed position	(Sat) / Unsat	1400	1-7-21	[illegible]	PJC
4.1.3.2[1]	Confinement Door DR-344	Southeast	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure. For each confinement door, VERIFY that one leaf of the door(s) is secured shut (NW, NE, SW, SE, south basement door).	(Sat) Unsat	1400	1-7-21	[illegible]	PJC
4.1.3.2[1]	Confinement Door DR-149	Northeast	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure. For each confinement door, VERIFY that one leaf of the door(s) is secured shut (NW, NE, SW, SE, south basement door).	(Sat) / Unsat	1310	1-7-21	[illegible]	PJC
*Note	Confinement DR-102	Northwest	Verify that the Astragals and Jamb-Seal features are in-place and cover the gaps present 1. Between the door leaves and 2. Between the frame and the door edge when the doors are in the closed position	(Sat) / Unsat	1350	1-7-21	[illegible]	[illegible]
4.1.3.2[1]	Confinement Door DR-102	Northwest	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure. For each confinement door, VERIFY that one leaf of the door(s) is secured shut (NW, NE, SW, SE, south basement door).	(Sat) / Unsat	1330	1-7-21	[illegible]	[illegible]
			AND VERIFY and RECORD the time (using calibrated stop watch) that the door(s) goes to the fully closed position via the automatic door closure is ≤ 30 seconds @ 1-7-21 04 4 Seconds	(Sat) / Unsat	1330	1-7-21	[illegible]	[illegible]

*** Note:** Monthly Inspection of DR-344 and DR-102 in accordance with compensatory measure(s) from: *Request for Permanent Equivalency to OE Order 420.1B Chapter II, NFPA 80, NFPA 101 and IBC Requirements for LANL Building TA55-4 (PF-4), Installation of New Confinement Doors DR-102, DR-302, and DR-344 LANL-DOE-ORDER-420.1B-EQ-2013-001*

FOR INFORMATION ONLY

Attachment D, Monthly Surveillance Rounds (Confinement Doors) [UET]

(Page 2 of 2)

FOR INFORMATION ONLY

SRs	Equipment	Location	Acceptance criteria	Sat or Unsat.	Completion Time:	Date:	Initials	CDV Initials
4.1.3.2[1]	Confinement Door DR-302	Southwest	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure. For each confinement door, VERIFY that one leaf of the door(s) is secured shut (NW, NE, SW, SE, south basement door).	(Sat.) / Unsat.	1340	1-7-21	[illegible]	PJC
4.1.3.2[1]	Confinement Door DR-302	Southwest	AND VERIFY and RECORD the time (using calibrated stop watch) that the door(s) goes to the fully closed position via the automatic door closure is ≤ 30 seconds. [illegible] 1-7-21 06 6 Seconds	(Sat.) / Unsat.	1340	1-7-21	[illegible]	PJC
4.1.3.2[1]	Confinement Door DR-4	N. Basement Personnel door DR-4	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure.	(Sat.) / Unsat.	1329	1-7-21 [illegible]	[illegible]	PJC
4.1.3.2[1]	Confinement Door DR-90	South Basement Door (Tunnel)	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure. For each confinement door, VERIFY that one leaf of the door(s) is secured shut (NW, NE, SW, SE, south basement door).	(Sat.) / Unsat.	1349	1-7-21	[illegible]	PJC
						OC Operator Review and Page Count Complete	M	

[1] SR 4.1.3.2 applies during both Mode 1 and Mode 2.

Completed by [illegible] Date 1-7-21 Time 1405 Reviewed by [illegible] Date 1/7/21 Time 1427

Concurrent Dual Verifier [illegible] Date 1-7-21 Time 1405

On-duty Supervisor Comments: [illegible] 1/7/21 1405

Attachment B, Surveillance Training Checklist

(Page 1 of 2)

Procedure title:	Surveillance Rounds
Procedure no.:	TA55-STP-004 R21
Date of issue:	~~12/1/2020~~ 3/1/21 DH 3/1/21
Working copy issued to:	M. Miller
Working copy issued by:	M. Wells
	Certified Operations Center Operator (OCO)

Procedure is the current revision listed in Documentum: ☑ Yes ☐ Documentum Unavailable

Performance Type: ☑ Scheduled ☐ Partial ☐ Other *If partial or other list reason in Comments below*

Comments: *(Document TSR Status Board tracking date here if different from completion date.)*

Training Checklist:

Workers Performing Surveillance	Applicable Surveillance Training Current	
	OCO Initials	Date
J. Cedillo	M	2/1/21
B. Chance	M	
C. Cochran	M	
D. Heintschel	M	
T. Stilson	M	
M. Wells	M	
J. Delanoy	M	
A. Jaurigue	M	
M. Miller	M	V

OC Reviews Complete and TSR Status Board Updated

OCO Signature 3/1/21 Date

Attachment B, Surveillance Training Checklist (continued)

(Page 2 of 2)

Training Checklist (continuation sheet)

Workers Performing Surveillance	Applicable Surveillance Training Current	
	Initials	Date
R. Price	M	2/1/21
F. Seybert	M	
D. Dunlavy	M	
K. Ashley	M	
M. Washburn	M	
J. Hendricks	M	
R. Hohner	M	
M. Irish	M	
T. Langworthy	M	
J. Martinez	M	
R. Martinez	M	
S. O'Neill	M	
A. Sanchez	M	
M. Vigil	M	
A. Cantu	M	
P. Connelly	M	
K. Brauer	M	

Attachment A, Surveillance Due Date Change Request

(Page 1 of 1)

SI/STP/ISI #	Scheduled Due Date	Proposed Due Date	Maximum Allowable Extension of Due Date
STP004 DD	2/4/21	2/8/21	2/14/21

Justification:

HIGHER PRIORITY ACTIVITIES TAKING PLACE IN
SURVEILLANCE TEST LOCATIONS

Prepared by: DUSTIN HEINTSCHEL 2/4/21
Preparer/System Engineer Date

Reviewed by:
Operations Center On-Duty Supervisor 2/4/2021
Date

Approved by:
Operations Manager 2/4/2021
Date

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 1 of 3)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

Note Gauge readings should be taken on rack #4 in the OC. whenever possible. Document if alternate PDIs are used.		**Date:**	2-1-21		2/2/21		2/3/21		2/4/21		2/5/21		2-6-21		2/7/21	
		Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
		Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
		Initials:	TS	[illegible]	[illegible]	[illegible]	DH	M	DH	M	[illegible]	[illegible]	TJ	[illegible]	[illegible]	[illegible]
SRs	**Description**	**Gauge Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**													
4.1.1.1 4.1.2.1[2]	**200 area glovebox exhaust header ΔP**	PDI-814-1 or PDI-814-2 ≤-1.5 in. wc[1]	-1.99	-2.00	-2.01	-1.99	-2.01	-2.02	-2.02	-2.01	-2.00	-1.99	-2.00	-2.00	-2.02	-1.99
	100 area glovebox exhaust header ΔP	PDI-820-1 or PDI-820-2 ≤-1.5 in. wc[1]	-1.91	-1.91	-1.92	-1.91	-1.93	-1.93	-1.91	-1.94	-1.92	-1.92	-1.92	-1.89	-1.89	-1.89
	300 area glovebox exhaust header ΔP	PDI-870-1 or PDI-870-2 ≤-1.5 in. wc[1]	-1.95	-1.96	-1.96	-1.95	-1.96	-1.95	-1.96	-1.97	-1.97	-1.97	-1.98	-1.96	-1.96	-1.96
	400 area glovebox exhaust header ΔP	PDI-864-1 or PDI-864-2 ≤-1.5 in. wc[1]	-2.00	-2.00	-1.94	-2.01	-2.01	-1.99	-1.99	-2.04	-2.01	-2.02	-2.00	-2.02	-2.01	-1.98
4.1.1.2 4.1.1.5[3] 4.1.2.2[2]	**200 area laboratory header ΔP**	PDI-803-1 or PDI-803-2 ≤-0.05 in. wc[1]	-.20	-.17	-0.19	-.19	-.18	-.17	-.18	-.18	-0.18	-.19	-.19	-.18	-0.18	-.19
	100 area laboratory header ΔP	PDI-802-1 or PDI-802-2 ≤-0.05 in. wc[1]	-.25	-.25	-0.25	-.25	-.25	-.23	-.24	-.24	-0.24	-.25	-.25	-.24	-0.24	-.25
	300 area laboratory header ΔP	PDI-853-1 or PDI-853-2 ≤-0.05 in. wc[1]	-.21	-.20	-0.21	-.21	-.20	-.21	-.20	-.19	-0.19	-.19	-.21	-.20	-0.21	-.20
	400 area laboratory header ΔP	PDI-852-1 or PDI-852-2 ≤-0.05 in. wc[1]	-.21	-.17	-0.21	-.20	-.19	-.20	-.18	-.19	-0.19	-.19	-.20	-.20	-0.20	-.20
	IFIT Facility ΔP	PDI-865-4 or PDI-865-5 ≤-0.05 in. wc	-.15	-.15	-0.15	-.15	-.15	-.14	-.15	-.15	-0.15	-.12	-.14	-.15	-0.15	-.15
4.1.1.3 4.1.2.3[2]	**North basement ΔP**	PDI-804-1 or PDI-804-2 < 0.00 in. wc	-.09	-.09	-0.09	-.09	-.09	-.10	-.09	-.09	-0.09	-.08	-.09	-.09	-0.09	-.09
	South basement ΔP	PDI-854-1 or PDI-854-2 < 0.00 in. wc	-.08	-.08	-0.08	-.08	-.08	-.09	-.09	-.08	-0.08	-.07	-.08	-.08	-0.09	-.09
	IRT Tunnel ΔP	PDT-901 or PDI-901 < 0.00 in. wc	-.117	-.115	-0.118	-.102	-.116	-.125	-.116	-.112	-0.107	-.107	-.113	-.119	-0.126	-.122

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 2 of 3)

Note Readings should be taken using FCS screens FMT#151,152,201LD and 202LD. Field verification and local plenum PDI's may be used if FCS is unavailable.																	
		Date:	2-1-21		2/2/21		2/3/21		2/4/21		2/5/21		2-6-21		2/7/21	
		Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
		Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
		Initials:	TS	C	[illegible]	C	OH	M	OH	M	[illegible]	C	TS	C	[illegible]	C
SRs	**Description**	**Readings**	**Acceptance Criteria**	**SURVEILLANCE RESULTS Sat / Unsat (circle one)**													
4.1.1.6	**200 area re-circulation fan/ plenum**	FR-801 Icon red and PDT-831 ΔP >.050 or FR-802 Icon red and PDT-832 ΔP >.050	At least one fan/plenum is in service	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat
	100 area re-circulation fan/ plenum	FR-803 Icon red and PDT-833 ΔP >.050 or FR-804 Icon red and PDT-835 ΔP >.050	At least one fan/plenum is in service	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat
	300 area re-circulation fan/ plenum	FR-805 Icon red and PDT-836 ΔP >.050 or FR-806 Icon red and PDT-837 ΔP >.050	At least one fan/plenum is in service	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat
	400 area re-circulation fan/ plenum	FR-807 Icon red and PDT-838 ΔP >.050 or FR-808 Icon red and PDT-839 ΔP >.050	At least one fan/plenum is in service	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat
	Vault re-circulation fan/ plenum	FR-811 Icon red and PDT-840 ΔP >.050 or FR-812 Icon red and PDT-841 ΔP >.050	At least one fan/plenum is in service	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 3 of 3)

Note
Gauge readings should be taken on rack #4 in the OC when possible, local PDI equivalents may be used if necessary. Document any alternate PDIs used.

				Date:	2-1-21		2/2/21		2/3/21		2/4/21		2/5/21		2-6-21		2/7/21	
				Weekday:	Mon		Tue		Wed		Thu		Fri		Sat		Sun	
				Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
				Initials:	TS	[illegible]	[illegible]	[illegible]	DH	M	DH	M	[illegible]	[illegible]	TS	[illegible]	[illegible]	[illegible]
SRs	**Description**	**Area**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS Sat / Unsat (circle one)**													
4.1.1.4	**Glovebox exhaust header ΔPs < laboratory ΔPs < basement ΔPs for areas 100, 200, 300 and 400**	200 Area	PDI-814-2 PDI-803-2 PDI-804-2	PDI-814-2 < PDI-803-2 < PDI-804-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		100 Area	PDI-820-2 PDI-802-2 PDI-804-2	PDI-820-2 < PDI-802-2 < PDI-804-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		300 Area	PDI-870-2 PDI-853-2 PDI-854-2	PDI-870-2 < PDI-853-2 < PDI-854-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		400 Area	PDI-864-2 PDI-852-2 PDI-854-2	PDI-864-2 < PDI-852-2 < PDI-854-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		Completion Time			0730	1919	0726	1916	0725	1933	0732	1930	0726	1921	0717	1916	0721	1919
		OCS Daily Review Sign off (initials)			AM	[illegible]	[illegible]	[illegible]	AM	MJW	MJW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[1] Mode 2 acceptance criteria is < 0.00 in. wc.
[2] SRs 4.1.2.x only apply during Mode 2 in accordance with LCO 3.1.2.
[3] SRs 4.1.1.5 is only applicable when MAR is in the IFIT Facility

Completed by: [illegible] Date 2/7/21 Time 1919 Reviewed by: PRK Date: 2/7/21 Time: 2142
On-duty Supervisor

Comments: _____

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 1 of 4)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

SR 4.4.1.1, The OPERABILITY acceptance criterion for this surveillance is:
The FLAMMABLE GAS detector in the FSTF FLAMMABLE GAS SOURCE storage cabinet is exposed to the ambient atmosphere in the storage cabinet. The gas concentration readout directly on the detector in the storage cabinet is compared with the gas concentration readout on the system control and alarm panel. The difference between the two readings is checked to VERIFY it is in the range of (≥-0.1; ≤0.1).

		Date:	02/01/21	2/2/21	2/3/21	02/04/21	2/5/21	02/06/21	02/07/21
		Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
		Initials:	MW	RH	RH	MW	GM	MW	MW
SR 4.4.1.1	Description / Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (percentage)						
	Flammable Gas Channel Check DET-305-3 (LCD Reading)	NA	005	005	005	005	005	005	005
	CP-305-H (LED Reading)		005	005	005	005	009	005	005
	(DET-305-3) – (CP-305H)	Record Calculated Value	005	005	005	005	005	005	005
	(LCD Reading) (LED Reading)	≥ -0.1; ≤+0.1	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005
		Completion Time:	0706	0808	0721	0707	0708	~~0650~~ 0705 MW 1841 2-6-21	0705

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 2 of 4)

			Date:	02/01/21	2/2/21	2/3/21	02/04/21	2/5/21	02/06/21	02/07/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	MH	RH	RH	MH	JM	MH	MH
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.3.4[2]	South basement supply filter plenum (HVP-841) ΔP	[1]PDI-894-1	≤2.0 & >0[1] in. wc	.01	.01	.01	.01	.02	.02	.02
		PDI-894-2	≤2.0 & >0[1] in. wc	.48	.49	.48	.48	.48	.46	.48
4.1.3.4[2]	South Corridor supply (HVP-810) ΔP	[1]PDI-895-1	≤2.0 & >0[1] in. wc	.03	.03	.04	.03	.03	.03	.03
		PDI-895-2	≤2.0 & >0[1] in. wc	.64	.64	.69	.69	.70	.70	.70
4.1.3.4[2]	300 area glovebox exhaust filter plenum (FF854) ΔP	[1]PDI-817-1	≤2.0 & >0[1] in. wc	.30	.30	.30	.30	.30	.30	.30
		PDI-817-2	≤2.0 & >0[1] in. wc	.31	.30	.30	.30	.31	.31	.31
		PDI-817-4	≤2.0 & >0[1] in. wc	.32	.32	.32	.32	.32	.35	.33
		PDI-817-5	≤2.0 & >0[1] in. wc	.30	.31	.31	.31	.31	.32	.32
4.1.3.4[2]	300 area special recovery glovebox exhaust filter plenum (FF858) ΔP	PDI-819-1	≤2.0 & >0[1] in. wc	.46	.46	.47	.47	.47	.46	.46
		PDI-819-3	≤2.0 & >0[1] in. wc	.45	.45	.45	.45	.46	.47	.46
		PDI-819-4	≤2.0 & >0[1] in. wc	.39	.40	.40	.39	.40	.40	.40
4.1.3.4[2]	300 area glovebox exhaust filter plenum (FF855) ΔP	[1]PDI-818-1	≤2.0 & >0[1] in. wc	Stby	STBY	STBY	Stby	STBY	Stby	Stby
		PDI-818-2	≤2.0 & >0[1] in. wc	Stby	STBY	STBY	Stby	STBY	Stby	Stby
		PDI-818-4	≤2.0 & >0[1] in. wc	Stby	STBY	STBY	Stby	STBY	Stby	Stby
		PDI-818-5	≤2.0 & >0[1] in. wc	Stby	STBY	STBY	Stby	STBY	Stby	Stby
4.1.3.4[2]	300 area special recovery glovebox exhaust filter plenum (FF859) ΔP	PDI-821-1	≤2.0 & >0[1] in. wc	Stby	STBY	STBY	Stby	STBY	Stby	Stby
		PDI-821-3	≤2.0 & >0[1] in. wc	Stby	STBY	STBY	Stby	STBY	Stby	Stby
		PDI-821-4	≤2.0 & >0[1] in. wc	Stby	STBY	STBY	Stby	STBY	Stby	Stby

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 3 of 4)

			Date:	02/01/21	2/2/21	2/3/21	02/04/21	2/5/21	02/06/21	02/07/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	[illegible]	RH	RH	[illegible]	[illegible]	[illegible]	[illegible]
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	400 area glovebox exhaust filter plenum (FF856) ΔP	[1]PDI-822-1	≤ 2.0 & > 0[1] in. wc	stby	STBY	STBY	stby	STDY	stby	stby
		PDI-822-2	≤ 2.0 & > 0[1] in. wc	stby	STBY	STBY	stby	STDY	stby	stby
		PDI-822-4	≤ 2.0 & > 0[1] in. wc	stby	STBY	STBY	stby	STDY	stby	stby
		PDI-822-5	≤ 2.0 & > 0[1] in. wc	stby	STBY	STBY	stby	STDY	stby	stby
4.1.3.4[2]	400 area glovebox exhaust filter plenum (FF857) ΔP	[1]PDI-823-1	≤ 2.0 & > 0[1] in. wc	.07	.08	.08	.08	.08	.08	.08
		PDI-823-2	≤ 2.0 & > 0[1] in. wc	.58	.59	.59	.59	.58	.55	.55
		PDI-823-4	≤ 2.0 & > 0[1] in. wc	.48	.49	.50	.48	.49	.50	.48
		PDI-823—5	≤ 2.0 & > 0[1] in. wc	.63	.61	.61	.62	.62	.62	.63
4.1.3.4[2]	South Basement exhaust filter plenum (FF-829) ΔP	[1]PDI-830-1	≤ 2.0 & > 0[1] in. wc	.31	.15	.31	.56	.33	.30	.29
		PDI-830-2	≤ 2.0 & > 0[1] in. wc	.10	.08	.10	.11	.10	.10	.10
		PDI-830-3	≤ 2.0 & > 0[1] in. wc	.12	.10	.11	.12	.11	.11	.12
4.1.1.7[2]	300 area re-circulation filter plenum (HVP-805) ΔP	[1]PDI-836-1	≤ 2.0 & > 0[1] in. wc	.07	.07	.07	.07	.07	.07	.07
		PDI-836-2	≤ 2.0 & > 0[1] in. wc	.66	.65	.67	.65	.65	.66	.67
		PDI-836-3	≤ 2.0 & > 0[1] in. wc	.67	.66	.68	.67	.66	.67	.67
	300 area re-circulation filter plenum (HVP-806) ΔP	[1]PDI-837-1	≤ 2.0 & > 0[1] in. wc	.04	.04	.04	.04	.04	.04	.04
		PDI-837-2	≤ 2.0 & > 0[1] in. wc	.48	.49	.49	.48	.48	.49	.48
		PDI-837-3	≤ 2.0 & > 0[1] in. wc	.43	.42	.42	.42	.43	.44	.43

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 4 of 4)

			Date:	02/01/21	2/2/21	2/3/21	02/04/21	2/5/21	02/06/21	02/07/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	[illegible]	RH	RH	[illegible]	[illegible]	[illegible]	[illegible]
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.1.7[2]	400 area re-circulation filter plenum (HVP-807) ΔP	[1]PDI-838-1	≤2.0 & >0[1] in. wc	.59	.58	.57	.58	.58	.59	.58
		PDI-838-2	≤2.0 & >0[1] in. wc	.59	.59	.58	.58	.58	.60	.59
		PDI-838-3	≤2.0 & >0[1] in. wc	.59	.59	.59	.59	.59	.60	.59
	400 area re-circulation filter plenum (HVP-808) ΔP	[1]PDI-839-1	≤2.0 & >0[1] in. wc	.41	.40	.40	.41	.40	.41	.41
		PDI-839-2	≤2.0 & >0[1] in. wc	.51	.51	.52	.52	.52	.53	.52
		PDI-839-3	≤2.0 & >0[1] in. wc	.52	.51	.52	.52	.52	.52	.52
4.1.3.4[2]	South Bleed off filter plenum (FF-822A) ΔP	[1]PDI-810-1	≤2.0 & >0[1] in. wc	off	OFF	.17	.17	.17	.18	.16
		PDI-810-2	≤2.0 & >0[1] in. wc	off	OFF	.89	.89	.89	.89	.87
		PDI-810-3	≤2.0 & >0[1] in. wc	off	OFF	.51	.53	.51	.52	.50
4.1.3.4[2]	South Bleed off filter plenum (FF-822B) ΔP	[1]PDI -811 - 1	≤2.0 & >0[1] in. wc	.12	.12	OFF	off	OFF	off	off
		PDI -811 -2	≤2.0 & >0[1] in. wc	.52	.54	OFF	off	off	off	off
		PDI -811 -3	≤2.0 & >0[1] in. wc	.51	.51	OFF	off	off	off	off
			Completion Time	0739	0823	0828	0740	0750	0716	0715
OC Operator Review and Page Count Complete (initials)				JSL	TS	ATY DH	DH	TS	TS	TS
OCS Daily Review Sign off (initials)				ATY	[illegible]	ATY	MSW	[illegible]	[illegible]	[illegible]

[1] Non TSR requirement

[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR 4.1.3.4 apply during both Mode 1 and Mode 2 as stated in LCO 3.1.3.

Completed by [illegible] Date 2/7/21 Time 0715 Reviewed by: [illegible] Date: 2/7/21 Time: 0737

On-duty Supervisor

Comments 4.4.1.1 Flammable gas detector out of cal/Servis [illegible]

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 1 of 5)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

			Date:	02/01/21	2/2/21	2/3/21	02/04/21	2/5/21	02/06/21	2/7/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	MH	RH	RH	MH	MH	MH	RH
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.1.7[2]	Vault re-circulation filter plenum (HVP-811) ΔP Vault re-circulation filter plenum (HVP-812) ΔP	[1]PDI-840-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-840-2	≤2.0 & > 0 in[1] wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-840-3	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		[1]PDI-841-1	≤2.0 & > 0[1] in. wc	.49	.48	.48	.48	.48	.49	.48
		PDI-841-2	≤2.0 & > 0[1] in. wc	.59	.60	.60	.58	.58	.59	.58
		PDI-841-3	≤2.0 & > 0[1] in. wc	.53	.52	.51	.51	.52	.53	.52
	200 area re-circulation filter plenum (HVP-801) ΔP	[1]PDI-831-1	≤2.0 & > 0[1] in. wc	.38	.36	.36	.36	.36	.36	.36
		PDI-831-2	≤2.0 & > 0[1] in. wc	.41	.41	.41	.41	.41	.42	.41
		PDI-831-3	≤2.0 & > 0[1] in. wc	.39	.40	.40	.39	.40	.40	.40
	200 area re-circulation filter plenum (HVP-802) ΔP	[1]PDI-832-1	≤2.0 & > 0[1] in. wc	.61	.60	.60	.61	.61	.60	.60
		PDI-832-2	≤2.0 & > 0[1] in. wc	.67	.67	.68	.67	.67	.67	.68
		PDI-832-3	≤2.0 & > 0[1] in. wc	.60	.60	.60	.61	.61	.61	.61
4.1.3.4[2]	North Bleed off filter plenum (FF-820A) ΔP	[1]PDI-807-1	≤2.0 & > 0[1] in. wc	off	OFF	OFF	off	off	off	OFF
		PDI-807-2	≤2.0 & > 0[1] in. wc	off	OFF	OFF	off	off	off	OFF
		PDI-807-3	≤2.0 & > 0[1] in. wc	off	OFF	OFF	off	off	off	OFF
4.1.3.4[2]	North Bleed off filter plenum (FF-820B) ΔP	[1]PDI-809-1	≤2.0 & > 0[1] in. wc	.07	.08	.08	.08	.08	.08	.08
		PDI-809-2	≤2.0 & > 0[1] in. wc	.66	.55	.54	.54	.56	.57	.58
		PDI-809-3	≤2.0 & > 0[1] in. wc	.52	.51	.50	.52	.52	.53	.54

Attachment B-2: Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 2 of 5)

			Date:	02/01/21	2/2/21	2/3/21	02/04/21	2/5/21	02/06/21	2/7/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:							
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.3.4[2]	North Basement exhaust filter plenum (FF-828) ΔP	[1]PDI-829-1	≤2.0 & >0[1] in. wc	.06	.09	.06	.06	.06	.06	.06
		PDI-829-2	≤2.0 & >0[1] in. wc	.50	.60	.50	.50	.51	.50	.50
		PDI-829-3	≤2.0 & >0[1] in. wc	.50	.59	.49	.49	.50	.50	.49
4.1.1.7[2]	100 area re-circulation filter plenum (HVP-803) ΔP	[1]PDI-833-1	≤2.0 & >0[1] in. wc	.08	.08	.08	.08	.08	.08	.08
		PDI-833-2	≤2.0 & >0[1] in. wc	.53	.52	.52	.52	.52	.54	.55
		PDI-833-3	≤2.0 & >0[1] in. wc	.50	.50	.51	.51	.51	.51	.51
	100 area re-circulation filter plenum (HVP-804) ΔP	[1]PDI-835-1	≤2.0 & >0[1] in. wc	.06	.06	.06	.05	.05	.05	.06
		PDI-835-2	≤2.0 & >0[1] in. wc	.50	.50	.50	.49	.49	.50	.50
		PDI-835-3	≤2.0 & >0[1] in. wc	.50	.50	.50	.49	.50	.50	.50
4.1.3.4[2]	100 area glovebox exhaust filter plenum (FF852) ΔP	[1]PDI-815-1	≤2.0 & >0[1] in. wc	.23	.21	.21	.21	.23	.25	.26
		PDI-815-2	≤2.0 & >0[1] in. wc	.50	.50	.50	.50	.50	.52	.52
		PDI-815-4	≤2.0 & >0[1] in. wc	.43	.43	.45	.43	.43	.45	.46
		PDI-815-5	≤2.0 & >0[1] in. wc	.45	.46	.48	.46	.48	.46	.47
4.1.3.4[2]	100 area glovebox exhaust filter plenum (FF853) ΔP	[1]PDI-816-1	≤2.0 & >0[1] in. wc	Stby	STBY	STBY	Stby	STBY	Stby	STBY
		PDI-816-2	≤2.0 & >0[1] in. wc	Stby	STBY	STBY	Stby	STBY	Stby	STBY
		PDI-816-4	≤2.0 & >0[1] in. wc	Stby	STBY	STBY	Stby	STBY	Stby	STBY
		PDI-816-5	≤2.0 & >0[1] in. wc	Stby	STBY	STBY	Stby	STBY	Stby	STBY

Attachment B-2: Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 3 of 5)

			Date:	02/01/21	2/2/21	2/3/21	02/04/21	2/5/21	02/06/21	2/7/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF850) ΔP	[1]PDI-812-1	≤2.0 & >0[1] in. wc	.12	.14	.12	.12	.13	.14	.15
		PDI-812-2	≤2.0 & >0[1] in. wc	.29	.29	.29	.28	.31	.31	.32
		PDI-812-3	≤2.0 & >0[1] in. wc	.27	.27	.27	.23	.32	.32	.31
		PDI-812-4	≤2.0 & >0[1] in. wc	.28	.30	.29	.23	.29	.30	.30
		PDI-812-5	≤2.0 & >0[1] in. wc	.32	.32	.32	.28	.32	.32	.32
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF851) ΔP	[1]PDI-813-1	≤2.0 & >0[1] in. wc	Stby	STBY	STBY	Stby	STBY	Stby	STBy
		PDI-813-2	≤2.0 & >0[1] in. wc	Stby	STBY	STBY	Stby	STBY	Stby	STBy
		PDI-813-3	≤2.0 & >0[1] in. wc	Stby	STBY	STBY	Stby	STBY	Stby	STBy
		PDI-813-4	≤2.0 & >0[1] in. wc	Stby	STBY	STBY	Stby	STBY	Stby	STBy
		PDI-813-5	≤2.0 & >0[1] in. wc	Stby	STBY	STBY	Stby	STBY	Stby	STBy
4.1.3.4[2]	IFIT exhaust filter plenum (FF-865) ΔP	[1]PDI-865-1	≤2.0 & >0[1] in. wc	.01	.01	.01	.01	.02	.02	.02
		PDI-865-2	≤2.0 & >0[1] in. wc	.38	.39	.39	.38	.38	.40	.40
		PDI-865-3	≤2.0 & >0[1] in. wc	.33	.33	.32	.33	.33	.38	.37
4.1.3.4[2]	IFIT supply filter plenum (HVP-863) ΔP	[1]PDI-863-1	≤2.0 & >0[1] in. wc	.04	.04	.04	.04	.04	.05	.05
		PDI-863-2	≤2.0 & >0[1] in. wc	.30	.30	.30	.31	.31	.31	.31

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 4 of 5)

			Date:	2/1/21	2/2/21	2/3/21	2/4/21	2/5/21	2/6/21	2/7/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS**						
4.1.3.4[2]	North Basement supply filter plenum (HVP-840) ΔP	[1]PDI-857-1	≤2.0 & >0[1] in. wc	.10	.10	.10	.10	.10	.10	.10
		PDI-857-2	≤2.0 & >0[1] in. wc	.43	.42	.42	.43	.43	.44	.44
4.1.3.4[2]	North corridor supply filter plenum (HVP-809) ΔP	[1]PDI-856-1	≤2.0 & >0[1] in. wc	.02	.02	.03	.02	.02	.02	.02
		PDI-856-2	≤2.0 & >0[1] in. wc	.63	.63	.64	.64	.63	.63	.64
[1]NA	**Combustible exclusion area around basement exhaust fans FE828, FE829 and bleed-off fans FE820A, FE820B, FE820C, FE822A, FE822B, FE822C**		**0 lb/ft[2] combustibles in designated exclusion area (within 15 feet of fans)**	SAT	SAT	SAT	SAT	SAT	SAT	SAT
4.3.2.2[2]	Room 201		0 lb/ft[2] combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	SAT	SAT	SAT	SAT	SAT	SAT
4.3.2.2[2]	Room 204		0 lb/ft[2] combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	SAT	SAT	SAT	SAT	SAT	SAT

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 5 of 5)

			Date:	02/01/21	2/2/21	2/3/21	02/04/21	2/5/21	2/6/21	2/7/21
			Weekday:	Mon	Tue	Wed.	Thu.	Fri	Sat	Sun
			Initials:	[illegible]	RH	RH	[illegible]	[illegible]	RM	RM
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS**						
4.3.2.2[2]	Room 206		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	SAT	SAT	SAT	SAT	SAT	SAT
4.3.2.2[2]	Room 207		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	SAT	SAT	SAT	SAT	SAT	SAT
			Completion time	0806	0849	0820	0829	0830	0645	0720
			OC Operator Review and Page Count Complete (initials)	JSL	TS	APJ OH	DA	TS	TS	TS
			OCS Daily Review Sign off (initials)	APJ	[signature]	APJ	MSW	[signature]	[signature]	[signature]

[1] Non TSR requirement

[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR's 4.1.3.4 and 4.3.2.2 apply during both Mode 1 and Mode 2.

Note: Rooms 201, 206 & 207 **must be** entered for surveillance even if they are red lit, room 204 can be viewed through the window. Notify the Operations Center of any rooms that are unable to be entered for the performance of rounds, Operations Center will make a logbook entry recording the room(s) and reason(s) for non-entry. Document in the comments section any room(s) and reason(s) they were unable to be entered for rounds.

Completed by: RICHARD JARAMILLO Date: ~~2/6/21~~ 2/7/21 Time: 0720 Reviewed by: _____ Date: 2/7/21 Time: 0738

On-duty Supervisor

Comments: _____

Attachment C, Non-PF-4 Daily Surveillance Rounds [UET]

(Page 1 of 1)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

M&TE Calibrated Data						
Record September through April only	PF-10 Thermometer File No.:	039746	PF-10 Thermistor File No.:	105353	V-701 Thermistor File No.:	103763
	Calibration Expiration Date:	8/5/21	Calibration Expiration Date:	8/13/21	Calibration Expiration Date:	8/13/21
	PF-11 Thermometer File No.:	039745	PF-11 Thermistor File No.:	~~103761~~ 105352	V-704 Thermistor File No.:	~~105352~~ 103761
	Calibration Expiration Date:	8/11/21	Calibration Expiration Date:	8/13/21	Calibration Expiration Date:	8/13/21

PF-10 & PF-11 Pump house Room Temperature and V-701 & V-704 Fire Water Storage Tank Temperature									
Daily (September through April only)		Date:	2/1/21	2/2/21	2/3/21	2/4/21	2/5/21	2/6/21	2-7-21
		Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
		Initials:	[illegible]	PJC	PJC	PJC	PJC	TS	JSL
SR	**Description**	**Acceptance Criteria**							
NA	ENSURE *M&TE Calibration Data* above is recorded and calibration dates have not elapsed	Calibration dates have not elapsed	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT
4.3.1.1[1]	RECORD fire water storage tank V-701 temperature	≥ 42 1 F	53.9	54.4	54.5	54.1	53.5	53.3	52.03
4.3.1.1[1]	RECORD fire water storage tank V-704 temperature	≥ 42 1 F	53.6	52.9	52.7	51.9	50.5	50.4	53.79
4.3.1.3[1]	RECORD PF-10 room temperature	≥ 50 1 F	66.8	68.5	69.0	61.7	59.6	59.8	60.86
4.3.1.3[1]	RECORD PF-11 room temperature	≥ 50 1 F	64.7	59.7	62.5	62.7	64.3	64.4	64.82
		Completion Time	0810	0721	0718	0730	0733	0922	0830
OC Operator Review and Page Count Complete (initials)			JSL	TS	DH	DH	TS	TS	JSL
OCS Daily Review Sign off (initials)			ARS	[illegible]	ARS	MJW	[illegible]	[illegible]	[illegible]

[1] Temperatures should be recorded using Reference Thermometer FLUKE Model 1524 connected to Thermistor Probe Fluke Model 5610-9 (or approved engineered equivalent).

Completed by: JOHN MEDLIN Date 2-7-21 Time 0830

Reviewed by: [signature] On-duty Supervisor Date: 2/7/21 Time: 0832

Comments:

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 1 of 3)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

Note Gauge readings should be taken on rack #4 in the OC. whenever possible. Document if alternate PDIs are used.		**Date:**	2/8/21		2/9/21		2-10-21		2-11-21		2/12/21		2/13/21		2/14/21	
		Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
		Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
		Initials:	M	[illegible]	M	[illegible]	[illegible]	<	[illegible]	<	M	DH	M	DH	M	DH
SRs	**Description**	**Gauge Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**													
4.1.1.1 4.1.2.1[2]	**200 area glovebox exhaust header ΔP**	PDI-814-1 or PDI-814-2 ≤-1.5 in. wc[1]	-2.01	-2.01	-1.98	-1.99	-2.00	-2.02	-2.00	-2.02	-2.00	-2.00	-2.00	-1.99	-2.00	-2.01
	100 area glovebox exhaust header ΔP	PDI-820-1 or PDI-820-2 ≤-1.5 in. wc[1]	-1.89	-1.89	-1.89	-1.89	-1.89	-1.90	-1.90	-1.90	-1.90	-1.89	-1.89	-1.90	-1.89	-1.89
	300 area glovebox exhaust header ΔP	PDI-870-1 or PDI-870-2 ≤-1.5 in. wc[1]	-1.96	-1.96	-1.96	-1.97	-1.96	-1.96	-1.95	-1.95	-1.97	-1.96	-1.96	-1.96	-1.96	-1.96
	400 area glovebox exhaust header ΔP	PDI-864-1 or PDI-864-2 ≤-1.5 in. wc[1]	-1.97	-1.97	-1.98	-1.96	-1.98	-1.98	-1.96	-1.96	-2.00	-1.98	-1.97	-1.98	-1.97	-1.97
4.1.1.2 4.1.1.5[3] 4.1.2.2[2]	**200 area laboratory header ΔP**	PDI-803-1 or PDI-803-2 ≤-0.05 in. wc[1]	-.20	-.20	-.18	-.18	-0.18	-.18	-0.20	-.18	-.18	-.19	-.18	-.18	-.18	-.18
	100 area laboratory header ΔP	PDI-802-1 or PDI-802-2 ≤-0.05 in. wc[1]	-.26	-.27	-.24	-.24	-0.24	-.24	-0.26	-.25	-.24	-.25	-.24	-.24	-.23	-.24
	300 area laboratory header ΔP	PDI-853-1 or PDI-853-2 ≤-0.05 in. wc[1]	-.21	-.23	-.20	-.20	-0.19	-.20	-0.23	-.22	-.20	-.21	-.20	-.20	-.20	-.20
	400 area laboratory header ΔP	PDI-852-1 or PDI-852-2 ≤-0.05 in. wc[1]	-.21	-.21	-.19	-.20	-0.19	-.20	-0.22	-.21	-.19	-.20	-.19	-.20	-.20	-.20
	IFIT Facility ΔP	PDI-865-4 or PDI-865-5 ≤-0.05 in. wc	-.15	-.15	-.15	-.15	-0.15	-.15	-0.15	-.15	-.15	-.15	-.15	-.15	-.16	-.15
4.1.1.3 4.1.2.3[2]	**North basement ΔP**	PDI-804-1 or PDI-804-2 < 0.00 in. wc	-.09	-.09	-.09	-.09	-0.09	-.09	-0.09	-.09	-.09	-.09	-.09	-.09	-.09	.09
	South basement ΔP	PDI-854-1 or PDI-854-2 < 0.00 in. wc	-.09	-.09	-.09	-.08	-0.09	-.09	-0.09	-.09	-.09	-.09	-.09	-.09	-.09	.09
	IRT Tunnel ΔP	PDT-901 or PDI-901 < 0.00 in. wc	-.119	-.119	-.115	-.102	-0.104	-.108	-0.115	-.119	-.121	-.121	-.102	-.106	-.113	-.110

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 2 of 3)

M 2/13/21

Note Readings should be taken using FCS screens FMT#151,152,201LD and 202LD. Field verification and local plenum PDI's may be used if FCS is unavailable.			**Date:**	2/8/21		2/9/21		2-10-21		2-11-21		2/12/21		2/13/21		2/14/21	
			Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
			Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
			Initials:	M	APJ	M	APJ	JSL	C	JSL	C	M	DH	M	DH	M	DH
SRs	**Description**	**Readings**	**Acceptance Criteria**	**SURVEILLANCE RESULTS Sat / Unsat (circle one)**													
4.1.1.6	**200 area re-circulation fan/ plenum**	FR-801 Icon red and PDT-831 ΔP >.050 or FR-802 Icon red and PDT-832 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	100 area re-circulation fan/ plenum	FR-803 Icon red and PDT-833 ΔP >.050 or FR-804 Icon red and PDT-835 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	300 area re-circulation fan/ plenum	FR-805 Icon red and PDT-836 ΔP >.050 or FR-806 Icon red and PDT-837 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	400 area re-circulation fan/ plenum	FR-807 Icon red and PDT-838 ΔP >.050 or FR-808 Icon red and PDT-839 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	Vault re-circulation fan/ plenum	FR-811 Icon red and PDT-840 ΔP >.050 or FR-812 Icon red and PDT-841 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 3 of 3)

Note Gauge readings should be taken on rack #4 in the OC when possible. local PDI equivalents may be used if necessary. Document any alternate PDIs used.				**Date:**	2/8/21		2/9/21		2-10-21		2-11-21		2/12/21		2/13/21		2/14/21	
				Weekday:	Mon		Tue		Wed		Thu		Fri		Sat		Sun	
				Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
				Initials:	M	ARS	M	ARS	DSL	<	JSL	<	M	DH	M	DH	M	DH
SRs	**Description**	**Area**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS** **Sat / Unsat (circle one)**													
4.1.1.4	**Glovebox exhaust header ΔPs < laboratory ΔPs < basement ΔPs for areas 100, 200, 300 and 400**	200 Area	PDI-814-2 PDI-803-2 PDI-804-2	PDI-814-2 < PDI-803-2 < PDI-804-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		100 Area	PDI-820-2 PDI-802-2 PDI-804-2	PDI-820-2 < PDI-802-2 < PDI-804-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		300 Area	PDI-870-2 PDI-853-2 PDI-854-2	PDI-870-2 < PDI-853-2 < PDI-854-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		400 Area	PDI-864-2 PDI-852-2 PDI-854-2	PDI-864-2 < PDI-852-2 < PDI-854-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		Completion Time			0730	1920	0724	1924	0733	1928	0732	1916	0732	1926	0729	1937	0728	1935
		OCS Daily Review Sign off (initials)				ARS		MSW	MSW		MSW			ARS		ARS	ARS	ARS

[1] Mode 2 acceptance criteria is < 0.00 in. wc.

[2] SRs 4.1.2.x only apply during Mode 2 in accordance with LCO 3.1.2.

[3] SRs 4.1.1.5 is only applicable when MAR is in the IFIT Facility

Completed by: _____ Date 2/14/21 Time 1935 Reviewed by: _____ Andrews Date: 2/14/21 Time: 1940
On-duty Supervisor

Comments: _____

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 1 of 4)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

SR 4.4.1.1, The OPERABILITY acceptance criterion for this surveillance is:
The FLAMMABLE GAS detector in the FSTF FLAMMABLE GAS SOURCE storage cabinet is exposed to the ambient atmosphere in the storage cabinet. The gas concentration readout directly on the detector in the storage cabinet is compared with the gas concentration readout on the system control and alarm panel. The difference between the two readings is checked to VERIFY it is in the range of (≥-0.1; ≤0.1).

		Date:	2/8/21	2/9/21	2/10/21	2/11/21	02/12/21	2/13/21	2/14/21
		Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
		Initials:	RH	TL	RH	TL	MG	TL	TL
SR 4.4.1.1	Description / Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (percentage)						
	Flammable Gas Channel Check DET-305-3 (LCD Reading)	NA	005	005	005	005	005	005	005
	CP-305-H (LED Reading)		005	005	005	005	005	005	005
	(DET-305-3) – (CP-305H)	Record Calculated Value	005	005	005	005	005	005	005
	(LCD Reading) (LED Reading)	≥ -0.1; ≤+0.1	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005
		Completion Time:	0723	0763	0844	0719	0745	0705	0738

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 2 of 4)

			Date:	2/8/21	2/9/21	2/10/21	2/11/21	2/12/21	2/13/21	2/14/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	RH	TL	RH	TL	mm	TL	TL
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.3.4[2]	South basement supply filter plenum (HVP-841) ΔP	[1]PDI-894-1	≤2.0 & >0[1] in. wc	.01	.02	.02	.02	.02	.02	.02
		PDI-894-2	≤2.0 & >0[1] in. wc	.48	.48	.48	.48	.48	.48	.47
4.1.3.4[2]	South Corridor supply (HVP-810) ΔP	[1]PDI-895-1	≤2.0 & >0[1] in. wc	.04	.03	.04	.04	.04	.04	.04
		PDI-895-2	≤2.0 & >0[1] in. wc	.70	.70	.70	.68	.68	.68	.68
4.1.3.4[2]	300 area glovebox exhaust filter plenum (FF854) ΔP	[1]PDI-817-1	≤2.0 & >0[1] in. wc	.30	.30	.30	.30	.30	.30	.30
		PDI-817-2	≤2.0 & >0[1] in. wc	.30	.31	.30	.31	.31	.31	.31
		PDI-817-4	≤2.0 & >0[1] in. wc	.32	.32	.31	.31	.32	.33	.34
		PDI-817-5	≤2.0 & >0[1] in. wc	.30	.32	.30	.32	.32	.32	.32
4.1.3.4[2]	300 area special recovery glovebox exhaust filter plenum (FF858) ΔP	PDI-819-1	≤2.0 & >0[1] in. wc	.47	.46	.47	.45	.45	.45	.45
		PDI-819-3	≤2.0 & >0[1] in. wc	.45	.41	.45	.40	.43	.42	.42
		PDI-819-4	≤2.0 & >0[1] in. wc	.40	.43	.40	.45	.40	.40	.40
4.1.3.4[2]	300 area glovebox exhaust filter plenum (FF855) ΔP	[1]PDI-818-1	≤2.0 & >0[1] in. wc	STBY	STBY	STBY	STBY	Stby	STBY	STBY
		PDI-818-2	≤2.0 & >0[1] in. wc	STBY	STBY	STBY	STBY	Stby	STBY	STBY
		PDI-818-4	≤2.0 & >0[1] in. wc	STBY	STBY	STBY	STBY	Stby	STBY	STBY
		PDI-818-5	≤2.0 & >0[1] in. wc	STBY	STBY	STBY	STBY	Stby	STBY	STBY
4.1.3.4[2]	300 area special recovery glovebox exhaust filter plenum (FF859) ΔP	PDI-821-1	≤2.0 & >0[1] in. wc	STBY	STBY	STBY	STBY	Stby	STBY	STBY
		PDI-821-3	≤2.0 & >0[1] in. wc	STBY	STBY	STBY	STBY	Stby	STBY	STBY
		PDI-821-4	≤2.0 & >0[1] in. wc	STBY	STBY	STBY	STBY	Stby	STBY	STBY

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 3 of 4)

			Date:	2/8/21	2/9/21	2/10/21	2/11/21	2/12/21	2/13/21	2/14/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	RH	TL	RH	TL	[illegible]	TL	TL
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	400 area glovebox exhaust filter plenum (FF856) ΔP	[1]PDI-822-1	≤2.0 & >0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-822-2	≤2.0 & >0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-822-4	≤2.0 & >0[1] in. wc	2/9 STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-822-5	≤2.0 & >0[1] in. wc	2/9 STBY	STBY	STBY	STBY	STBY	STBY	STBY
4.1.3.4[2]	400 area glovebox exhaust filter plenum (FF857) ΔP	[1]PDI-823-1	≤2.0 & >0[1] in. wc	.08	.08	.07	.07	.07	.08	.08
		PDI-823-2	≤2.0 & >0[1] in. wc	.59	.59	.56	.56	.56	.56	.55
		PDI-823-4	≤2.0 & >0[1] in. wc	.49	.49	.50	.50	.49	.49	.49
		PDI-823—5	≤2.0 & >0[1] in. wc	.61	.61	.60	.62	.62	.62	.62
4.1.3.4[2]	South Basement exhaust filter plenum (FF-829) ΔP	[1]PDI-830-1	≤2.0 & >0[1] in. wc	.30	.29	.25	.30	.25	.27	.34
		PDI-830-2	≤2.0 & >0[1] in. wc	.10	.10	.10	.10	.10	.10	.11
		PDI-830-3	≤2.0 & >0[1] in. wc	.11	.12	.11	.11	.12	.12	.13
4.1.1.7[2]	300 area re-circulation filter plenum (HVP-805) ΔP	[1]PDI-836-1	≤2.0 & >0[1] in. wc	.07	.06	.06	.06	.07	.07	.07
		PDI-836-2	≤2.0 & >0[1] in. wc	.67	.65	.66	.66	.65	.66	.65
		PDI-836-3	≤2.0 & >0[1] in. wc	.68	.68	.68	.68	.68	.68	.68
	300 area re-circulation filter plenum (HVP-806) ΔP	[1]PDI-837-1	≤2.0 & >0[1] in. wc	.04	.04	.04	.04	.04	.04	.04
		PDI-837-2	≤2.0 & >0[1] in. wc	.49	.49	.49	.49	.48	.48	.48
		PDI-837-3	≤2.0 & >0[1] in. wc	.42	.42	.42	.42	.42	.42	.42

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 4 of 4)

			Date:	2/8/21	2/9/21	2/10/21	2/11/21	02/12/21	2/13/21	2/14/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	RH	Th	RH	Th	[illegible]	Th	Th
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.1.7[2]	400 area re-circulation filter plenum (HVP-807) ΔP	[1]PDI-838-1	≤2.0 & > 0[1] in. wc	.58	.59	.58	.59	.59	.58	.58
		PDI-838-2	≤2.0 & > 0[1] in. wc	.60	.59	.59	.59	.59	.59	.59
		PDI-838-3	≤2.0 & > 0[1] in. wc	.60	.59	.59	.59	.59	.59	.59
	400 area re-circulation filter plenum (HVP-808) ΔP	[1]PDI-839-1	≤2.0 & > 0[1] in. wc	.41	.40	.40	.40	.40	.40	.40
		PDI-839-2	≤2.0 & > 0[1] in. wc	.51	.52	.51	.51	.51	.51	.51
		PDI-839-3	≤2.0 & > 0[1] in. wc	.51	.52	.51	.51	.51	.51	.52
4.1.3.4[2]	South Bleed off filter plenum (FF-822A) ΔP	[1]PDI-810-1	≤2.0 & > 0[1] in. wc	.17	.17	.17	.17	.17	.17	.17
		PDI-810-2	≤2.0 & > 0[1] in. wc	.79	~~.84~~ Th 2/9/21 .79	.90	.88	.88	.88	.90
		PDI-810-3	≤2.0 & > 0[1] in. wc	.51	.52	.51	.51	.52	.52	.53
4.1.3.4[2]	South Bleed off filter plenum (FF-822B) ΔP	[1]PDI -811 - 1	≤2.0 & > 0[1] in. wc	OFF	OFF	OFF	OFF	off	OFF	OFF
		PDI -811 -2	≤2.0 & > 0[1] in. wc	OFF	OFF	OFF	OFF	off	OFF	OFF
		PDI -811 -3	≤2.0 & > 0[1] in. wc	OFF	OFF	OFF	OFF	off	OFF	OFF
			Completion Time	0811	0815	0840	0737	0735	0830	0930
OC Operator Review and Page Count Complete (initials)				M	M	TJ	JSL	M [illegible]	M	TS M
OCS Daily Review Sign off (initials)				[illegible]	[illegible]	MJW	MJW	[illegible]	[illegible]	[illegible]

[1] Non TSR requirement

[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR 4.1.3.4 apply during both Mode 1 and Mode 2 as stated in LCO 3.1.3.

Completed by: [signature] Date 2/14/21 Time 0930 Reviewed by: [signature] JAURIGUE Date: 2/14/21 Time: 1945

On-duty Supervisor

Comments 4.4.1.1 Awaiting calibration

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 1 of 5)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

			Date:	2/8/21	2/9/21	2/10/21	2/11/21	2/12/21	2/13/21	2/14/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	ZH	TL	ZH	TL	MM	TL	TL
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.1.7[2]	Vault re-circulation filter plenum (HVP-811) ΔP Vault re-circulation filter plenum (HVP-812) ΔP	[1]PDI-840-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	Stby	STBY	STBY
		PDI-840-2	≤2.0 & > 0 in[1]. wc	STBY	STBY	STBY	STBY	Stby	STBY	STBY
		PDI-840-3	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	Stby	STBY	STBY
		[1]PDI-841-1	≤2.0 & > 0[1] in. wc	.48	.48	.48	.47	.48	.47	.47
		PDI-841-2	≤2.0 & > 0[1] in. wc	.60	.59	.60	.60	.59	.59	.59
		PDI-841-3	≤2.0 & > 0[1] in. wc	.51	.52	.51	.51	.52	.52	.52
	200 area re-circulation filter plenum (HVP-801) ΔP	[1]PDI-831-1	≤2.0 & > 0[1] in. wc	.36	.36	.36	.36	.36	.36	.36
		PDI-831-2	≤2.0 & > 0[1] in. wc	.41	.42	.41	.42	.42	.42	.42
		PDI-831-3	≤2.0 & > 0[1] in. wc	.40	.40	.40	.40	.40	.40	.40
	200 area re-circulation filter plenum (HVP-802) ΔP	[1]PDI-832-1	≤2.0 & > 0[1] in. wc	.60	.61	.60	.60	.61	.60	.60
		PDI-832-2	≤2.0 & > 0[1] in. wc	.68	.68	.67	.68	.67	.66	.66
		PDI-832-3	≤2.0 & > 0[1] in. wc	.60	.62	.60	.61	.61	.60	.60
4.1.3.4[2]	North Bleed off filter plenum (FF-820A) ΔP	[1]PDI-807-1	≤2.0 & > 0[1] in. wc	OFF	OFF	OFF	OFF	off	OFF	OFF
		PDI-807-2	≤2.0 & > 0[1] in. wc	OFF	OFF	OFF	OFF	off	OFF	OFF
		PDI-807-3	≤2.0 & > 0[1] in. wc	OFF	OFF	OFF	OFF	off	OFF	OFF
4.1.3.4[2]	North Bleed off filter plenum (FF-820B) ΔP	[1]PDI-809-1	≤2.0 & > 0[1] in. wc	.08	.08	.08	.08	.08	.08	.08
		PDI-809-2	≤2.0 & > 0[1] in. wc	.58	.56	.52	.52	.55	.55	.56
		PDI-809-3	≤2.0 & > 0[1] in. wc	.51	.52	.51	.52	.52	.52	.53

Attachment B-2: Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 2 of 5)

			Date:	2/8/21	2/9/21	2/10/21	2/11/21	2/12/21	2/13/21	2/14/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	RH	TL	RH	TL	MM	TL	TL
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.3.4[2]	North Basement exhaust filter plenum (FF-828) ΔP	[1]PDI-829-1	≤2.0 & >0[1] in. wc	.06	.07	.07	.07	.06	.07	.07
		PDI-829-2	≤2.0 & >0[1] in. wc	.50	.50	.57	.50	.50	.50	.51
		PDI-829-3	≤2.0 & >0[1] in. wc	.50	.49	.51	.49	.49	.49	.50
4.1.1.7[3]	100 area re-circulation filter plenum (HVP-803) ΔP	[1]PDI-833-1	≤2.0 & >0[1] in. wc	.08	.08	.08	.08	.08	.08	.08
		PDI-833-2	≤2.0 & >0[1] in. wc	.52	.52	.52	.52	.52	.53	.54
		PDI-833-3	≤2.0 & >0[1] in. wc	.50	.50	.50	.50	.50	.50	.51
	100 area re-circulation filter plenum (HVP-804) ΔP	[1]PDI-835-1	≤2.0 & >0[1] in. wc	.06	.06	.06	.06	.06	.06	.06
		PDI-835-2	≤2.0 & >0[1] in. wc	.50	.50	.50	.50	.49	.49	.50
		PDI-835-3	≤2.0 & >0[1] in. wc	.50	.51	.50	.50	.50	.50	.50
4.1.3.4[2]	100 area glovebox exhaust filter plenum (FF852) ΔP	[1]PDI-815-1	≤2.0 & >0[1] in. wc	.25	.25	.25	.24	.24	.24	.23
		PDI-815-2	≤2.0 & >0[1] in. wc	.50	.50	.50	.50	.50	.50	.50
		PDI-815-4	≤2.0 & >0[1] in. wc	.45	.45	.46	.45	.45	.45	.46
		PDI-815-5	≤2.0 & >0[1] in. wc	.48	.48	.49	.48	.48	.48	.48
4.1.3.4[2]	100 area glovebox exhaust filter plenum (FF853) ΔP	[1]PDI-816-1	≤2.0 & >0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-816-2	≤2.0 & >0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-816-4	≤2.0 & >0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-816-5	≤2.0 & >0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY

Attachment B-2: Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 3 of 5)

			Date:	2/8/21	2/9/21	2/10/21	2/11/21	2/12/21	2/13/21	2/14/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	RH	TL	RH	TL	[illegible]	TL	TL
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF850) ΔP	[1]PDI-812-1	≤2.0 & >0[1] in. wc	.14	.14	.14	.14	.14	.14	.13
		PDI-812-2	≤2.0 & >0[1] in. wc	.30	.30	.30	.30	.30	.30	.30
		PDI-812-3	≤2.0 & >0[1] in. wc	.28	.30	.28	.28	.28	.28	.28
		PDI-812-4	≤2.0 & >0[1] in. wc	.30	.29	.30	.29	.29	.30	.30
		PDI-812-5	≤2.0 & >0[1] in. wc	.33	.32	.34	.32	.32	.32	.32
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF851) ΔP	[1]PDI-813-1	≤2.0 & >0[1] in. wc	STBY	STBY	STBY	STBY	stby	STBY	STBY
		PDI-813-2	≤2.0 & >0[1] in. wc	STBY	STBY	STBY	STBY	stby	STBY	STBY
		PDI-813-3	≤2.0 & >0[1] in. wc	STBY	STBY	STBY	STBY	Stby	STBY	STBY
		PDI-813-4	≤2.0 & >0[1] in. wc	STBY	STBY	STBY	STBY	stby	STBY	STBY
		PDI-813-5	≤2.0 & >0[1] in. wc	STBY	STBY	STBY	STBY	Stby	STBY	STBY
4.1.3.4[2]	IFIT exhaust filter plenum (FF-865) ΔP	[1]PDI-865-1	≤2.0 & >0[1] in. wc	.02	.02	.02	.02	.02	.02	.02
		PDI-865-2	≤2.0 & >0[1] in. wc	.39	.40	.40	.39	.38	.38	.38
		PDI-865-3	≤2.0 & >0[1] in. wc	.33	.33	.32	.32	.33	.34	.34
4.1.3.4[2]	IFIT supply filter plenum (HVP-863) ΔP	[1]PDI-863-1	≤2.0 & >0[1] in. wc	.04	.04	.04	.04	.04	.04	.04
		PDI-863-2	≤2.0 & >0[1] in. wc	.31	.32	.31	.32	.33	.31	.31

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 4 of 5)

			Date:	2/8/21	2/9/21	2/10/21	2/11/21	02/12/21	2/13/21	2/14/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	RH	[illegible]	RH	[illegible]	MM	[illegible]	[illegible]
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS**						
4.1.3.4[2]	North Basement supply filter plenum (HVP-840) ΔP	[1]PDI-857-1	≤ 2.0 & > 0[1] in. wc	.10	.10	.10	.10	.10	.10	.10
		PDI-857-2	≤ 2.0 & > 0[1] in. wc	.42	.44	.44	.45	.45	.45	.45
4.1.3.4[2]	North corridor supply filter plenum (HVP-809) ΔP	[1]PDI-856-1	≤ 2.0 & > 0[1] in. wc	.04	.03	.03	.03	.03	.02	.02
		PDI-856-2	≤ 2.0 & > 0[1] in. wc	.64	.64	.65	.65	.64	.64	.64
[1]NA	**Combustible exclusion area around basement exhaust fans FE828, FE829 and bleed-off fans FE820A, FE820B, FE820C, FE822A, FE822B, FE822C**		**0 lb/ft² combustibles in designated exclusion area (within 15 feet of fans)**	SAT	Sat	SAT	Sat	Sat	Sat	Sat
4.3.2.2[2]	Room 201		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	Sat	SAT	Sat	Sat	Sat	Sat
4.3.2.2[2]	Room 204		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	Sat	SAT	Sat	Sat	Sat	Sat

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 5 of 5)

			Date:	2/8/21	2/9/21	2/10/21	2/11/21	2/12/21	2/13/21	2/14/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	RH	[illegible]	RH	[illegible]	[illegible]	[illegible]	[illegible]
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS**						
4.3.2.2[2]	Room 206		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	Sat	SAT	Sat	Sat	Sat	Sat
4.3.2.2[2]	Room 207		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	Sat	SAT	Sat	Sat	Sat	Sat
			Completion time	0812	0815	0905	0738	0815	0829	0930
			OC Operator Review and Page Count Complete (initials)	M	M	TS	[illegible]	M	M	TSM
			OCS Daily Review Sign off (initials)	[illegible]	[illegible]	MSW	MSW	[illegible]	[illegible]	[illegible]

[1] Non TSR requirement

[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR's 4.1.3.4 and 4.3.2.2 apply during both Mode 1 and Mode 2.

Note: Rooms 201, 206 & 207 **must be** entered for surveillance even if they are red lit, room 204 can be viewed through the window. Notify the Operations Center of any rooms that are unable to be entered for the performance of rounds, Operations Center will make a logbook entry recording the room(s) and reason(s) for non-entry. Document in the comments section any room(s) and reason(s) they were unable to be entered for rounds.

Completed by: [signature] Date 2/14/21 Time 0930 Reviewed by: J AURIGEMA [signature] Date: 2/14/21 Time: 1945

On-duty Supervisor

Comments: _____

Attachment C, Non-PF-4 Daily Surveillance Rounds [UET]

(Page 1 of 1)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

M&TE Calibrated Data						
Record September through April only	PF-10 Thermometer File No.:	039746	PF-10 Thermistor File No.:	105353	V-701 Thermistor File No.:	103763
	Calibration Expiration Date:	8/5/21	Calibration Expiration Date:	8/13/21	Calibration Expiration Date:	8/13/21
	PF-11 Thermometer File No.:	039745	PF-11 Thermistor File No.:	105352	V-704 Thermistor File No.:	103761
	Calibration Expiration Date:	8-11-21	Calibration Expiration Date:	8-13-21	Calibration Expiration Date:	8-13-21

PF-10 & PF-11 Pump house Room Temperature and V-701 & V-704 Fire Water Storage Tank Temperature									
Daily (September through April only)		Date:	2-8-21	2-9-21	2/10/21	2/11/21	2/12/21	2/13/21	2/14/21
		Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
		Initials:	[illegible]	BJC	[illegible]	[illegible]	BJC	M	M
SR	**Description**	**Acceptance Criteria**							
NA	ENSURE *M&TE Calibration Data* above is recorded and calibration dates have not elapsed	Calibration dates have not elapsed	SAT/UNSAT	SAT/UNSAT	SAT/UNSAT	SAT/UNSAT	SAT/UNSAT	SAT/UNSAT	SAT/UNSAT
4.3.1.1[1]	RECORD fire water storage tank V-701 temperature	≥ 42.1 F	53.9	54.2	54.3	54.1	54.2	54.2	52.0
4.3.1.1[1]	RECORD fire water storage tank V-704 temperature	≥ 42.1 F	54.0	53.9	53.3	53.0	52.1	51.5	49.9
4.3.1.3[1]	RECORD PF-10 room temperature	≥ 50.1 F	63.6	61.8	62.0	61.2	61.4	61.3	54.4
4.3.1.3[1]	RECORD PF-11 room temperature	≥ 50.1 F	64.7	59.6	62.7	61.5	64.8	62.0	61.7
		Completion Time	0840	0721	0711	0815	0741	0933	0917
		OC Operator Review and Page Count Complete (initials)	M	M	OH	JSL	MHH	M	MTS
		OCS Daily Review Sign off (initials)	MHH	MHH	MJW	MJW	CJS	MHH	ARS

[1] Temperatures should be recorded using Reference Thermometer FLUKE Model 1524 connected to Thermistor Probe Fluke Model 5610-9 (or approved engineered equivalent).

Completed by: [signature] Date 2/14/21 Time 0917

Reviewed by: [signature] Date: 2/14/21 Time: 1940
On-duty Supervisor

Comments:

Attachment D, Monthly Surveillance Rounds (Confinement Doors) [UET]

(Page 1 of 2)

NOTE: This entire Attachment is to be treated as Surveillance Requirement implementing actions.

SRs	Equipment	Location	Acceptance criteria	Sat or Unsat.	Completion Time:	Date:	Initials	CDV Initials
*Note	Confinement DR-344	Southeast	Verify that the Astragals and Jamb-Seal features are in-place and cover the gaps present 1. Between the door leaves and 2. Between the frame and the door edge when the doors are in the closed position	(Sat) / Unsat	1255	2/8/21	RJ	
4.1.3.2[1]	Confinement Door DR-344	Southeast	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure For each confinement door, VERIFY that one leaf of the door(s) is secured shut (NW, NE, SW, SE, south basement door).	(Sat) ~~Unsat~~	1255	2/8/21	RJ	
4.1.3.2[1]	Confinement Door DR-149	Northeast	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure For each confinement door, VERIFY that one leaf of the door(s) is secured shut (NW, NE, SW, SE, south basement door)	(Sat) / Unsat	1329	2/8/21	RJ	
*Note	Confinement DR-102	Northwest	Verify that the Astragals and Jamb-Seal features are in-place and cover the gaps present 1. Between the door leaves and 2. Between the frame and the door edge when the doors are in the closed position	(Sat) / Unsat	1518	2/8/21	RJ	
4.1.3.2[1]	Confinement Door DR-102	Northwest	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure For each confinement door, VERIFY that one leaf of the door(s) is secured shut (NW, NE, SW, SE, south basement door)	(Sat) / Unsat	1518	2/8/21	RJ	
			AND VERIFY and RECORD the time (using calibrated stop watch) that the door(s) goes to the fully closed position via the automatic door closure is ≤ 30 seconds. 5 Seconds	(Sat) / Unsat	1518	2/8/21	RJ	

* **Note:** Monthly Inspection of DR-344 and DR-102 in accordance with compensatory measure(s) from: *Request for Permanent Equivalency to OE Order 420.1B Chapter II, NFPA 80, NFPA 101 and IBC Requirements for LANL Building TA55-4 (PF-4); Installation of New Confinement Doors DR-102, DR-302, and DR-344 LANL-DOE-ORDER-420.1B-EO-2013-001*

Attachment D, Monthly Surveillance Rounds (Confinement Doors) [UET]

(Page 2 of 2)

SRs	Equipment	Location	Acceptance criteria	Sat or Unsat.	Completion Time:	Date:	Initials	CDV Initials
4.1.3.2[1]	Confinement Door DR-302	Southwest	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure. For each confinement door, VERIFY that one leaf of the door(s) is secured shut (NW, NE, SW, SE, south basement door)	(Sat) / Unsat	1524	2/8/21	RH	
			AND VERIFY and RECORD the time (using calibrated stop watch) that the door(s) goes to the fully closed position via the automatic door closure is ≤ 30 seconds. 8 Seconds	(Sat) / Unsat	1524	2/8/21	RH	
4.1.3.2[1]	Confinement Door DR-4	N. Basement Personnel door DR-4	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure.	(Sat) / Unsat	1501	2/8/21	RH	
4.1.3.2[1]	Confinement Door DR-90	South Basement Door (Tunnel)	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure. For each confinement door, VERIFY that one leaf of the door(s) is secured shut (NW, NE, SW, SE, south basement door).	(Sat) / Unsat	1549	2/8/21	RH	
						OC Operator Review and Page Count Complete	M	

[1] SR 4.1.3.2 applies during both Mode 1 and Mode 2.

Completed by RH Harper Date 2/8/21 Time 1549 Reviewed by [signature] Date 2/8/21 Time 1611

Concurrent Dual Verifier [signature] Date 2/8/21 Time 1549

On-duty Supervisor Comments:

4.1.3.2 Carpenter cleaned out the hole for the sliding bar lock. Once all the obstructions were removed the lock could be secured.

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 1 of 3)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

Note Gauge readings should be taken on rack #4 in the OC. whenever possible. Document if alternate PDIs are used.		**Date:**	2/15/21		02.16.21		2/17/21		2/18/21		02.19.2021		02.20.2021		02-21-2021	
		Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
		Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
		Initials:	L	JSL	BC	JSL	M	DH	M	AB	BC	JS	BC	JSL AB 2/20/21	BC	JSL
SRs	**Description**	**Gauge Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**													
4.1.1.1 4.1.2.1[2]	**200 area glovebox exhaust header ΔP**	PDI-814-1 or PDI-814-2 ≤-1.5 in. wc[1]	-1.99	-2.01	-2.00	-2.00	-2.01	-2.02	-2.01	-2.01	-2.01	-2.00	-1.98	-2.02	-2.00	-2.01
	100 area glovebox exhaust header ΔP	PDI-820-1 or PDI-820-2 ≤-1.5 in. wc[1]	-1.99	-1.89	-1.89	-1.89	-1.89	-1.90	-1.89	-1.90	-1.89	-1.89	-1.90	-1.90	-1.98	-1.90
	300 area glovebox exhaust header ΔP	PDI-870-1 or PDI-870-2 ≤-1.5 in. wc[1]	-1.97	-1.96	-1.96	-1.96	-1.96	-1.96	-1.96	-1.97	-1.96	-1.96	-1.96	-1.97	-1.96	-1.96
	400 area glovebox exhaust header ΔP	PDI-864-1 or PDI-864-2 ≤-1.5 in. wc[1]	-1.98	-1.98	-1.96	-1.98	-1.99	-1.98	-1.97	-1.98	-1.98	-1.97	-1.97	-1.98	-1.99	-1.97
4.1.1.2 4.1.1.5[3] 4.1.2.2[2]	**200 area laboratory header ΔP**	PDI-803-1 or PDI-803-2 ≤-0.05 in. wc[1]	-.18	-0.18	-.19	-0.19	-.20	-.18	-.19	-.19	-.18	-0.19	-.18	-0.17	-.17	-0.18
	100 area laboratory header ΔP	PDI-802-1 or PDI-802-2 ≤-0.05 in. wc[1]	-.24	-0.22	-.25	-0.24	-.25	-.24	-.25	-.25	-.24	-0.25	-.24	-0.24	-.24	-0.24
	300 area laboratory header ΔP	PDI-853-1 or PDI-853-2 ≤-0.05 in. wc[1]	-.20	-0.16	-.21	-0.20	-.21	-.19	-.21	-.20	-.20	-0.21	-.19	-0.19	-.20	-0.20
	400 area laboratory header ΔP	PDI-852-1 or PDI-852-2 ≤-0.05 in. wc[1]	-.19	-0.16	-.21	-0.19	-.20	-.19	-.21	-.20	-.19	-0.20	-.19	-0.19	-.19	-0.19
	IFIT Facility ΔP	PDI-865-4 or PDI-865-5 ≤-0.05 in. wc	-.15	-0.14	-.15	-0.14	-.15	-.15	-.15	-.14	-.15	-0.15	-.15	-0.16	-.14	-0.15
4.1.1.3 4.1.2.3[2]	**North basement ΔP**	PDI-804-1 or PDI-804-2 < 0.00 in. wc	-.09	-0.09	-.09	-0.09	-.09	.09	-.09	-.09	-.09	-0.09	-.09	-0.09	-.09	-0.09
	South basement ΔP	PDI-854-1 or PDI-854-2 < 0.00 in. wc	-.09	-0.09	-.09	-0.09	-.09	-.09	-.09	-.09	-.09	-0.09	-.09	-0.09	-.09	-0.09
	IRT Tunnel ΔP	PDT-901 or PDI-901 < 0.00 in. wc	-.105	-0.120	-.119	-0.118	-.116	-.118	-.113	-.109	-.100	-0.099	-.101	-0.108	-.114	-0.101

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 2 of 3)

Note Readings should be taken using FCS screens FMT#151,152,201LD and 202LD. Field verification and local plenum PDI's may be used if FCS is unavailable.		**Date:**	2/15/21		02-16-21		2/17/21		2/18/21		02-19-2021		02-20-2021		02-21-2021	
		Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
		Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
		Initials:	[illegible]	JSL	BC	JSL	M	OH	M	AMJ	BC	JSL	BC	JSL	BC	JSL
SRs	**Description**	**Readings**	**Acceptance Criteria**	**SURVEILLANCE RESULTS Sat / Unsat (circle one)**												
4.1.1.6	**200 area re-circulation fan/ plenum**	FR-801 Icon red and PDT-831 ΔP >.050 or FR-802 Icon red and PDT-832 ΔP >.050	At least one fan/plenum is in service	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat
	100 area re-circulation fan/ plenum	FR-803 Icon red and PDT-833 ΔP >.050 or FR-804 Icon red and PDT-835 ΔP >.050	At least one fan/plenum is in service	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat
	300 area re-circulation fan/ plenum	FR-805 Icon red and PDT-836 ΔP >.050 or FR-806 Icon red and PDT-837 ΔP >.050	At least one fan/plenum is in service	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat
	400 area re-circulation fan/ plenum	FR-807 Icon red and PDT-838 ΔP >.050 or FR-808 Icon red and PDT-839 ΔP >.050	At least one fan/plenum is in service	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat
	Vault re-circulation fan/ plenum	FR-811 Icon red and PDT-840 ΔP >.050 or FR-812 Icon red and PDT-841 ΔP >.050	At least one fan/plenum is in service	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 3 of 3)

Note Gauge readings should be taken on rack #4 in the OC when possible, local PDI equivalents may be used if necessary. Document any alternate PDIs used.				**Date:**	2/15/21		02.16.21		2/17/21		2/18/21		02.19.2021		02.20.2021		02.21.2021	
				Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
				Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
				Initials:	[illegible]	JSL	BC	JSL	M	DM	M	Amy	BC	JSL	BC	JSL	BC	JSL
SRs	**Description**	**Area**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS** **Sat / Unsat (circle one)**													
4.1.1.4	**Glovebox exhaust header ΔPs < laboratory ΔPs < basement ΔPs for areas 100, 200, 300 and 400**	200 Area	PDI-814-2 PDI-803-2 PDI-804-2	PDI-814-2 < PDI-803-2 < PDI-804-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		100 Area	PDI-820-2 PDI-802-2 PDI-804-2	PDI-820-2 < PDI-802-2 < PDI-804-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		300 Area	PDI-870-2 PDI-853-2 PDI-854-2	PDI-870-2 < PDI-853-2 < PDI-854-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		400 Area	PDI-864-2 PDI-852-2 PDI-854-2	PDI-864-2 < PDI-852-2 < PDI-854-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		Completion Time			0718	1927	0708	1914	0739	1924	0739	1926	0716	1918	0720	1915	0715	1915
		OCS Daily Review Sign off (initials)			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[1] Mode 2 acceptance criteria is < 0.00 in. wc.

[2] SRs 4.1.2.x only apply during Mode 2 in accordance with LCO 3.1.2.

[3] SRs 4.1.1.5 is only applicable when MAR is in the IFIT Facility

Completed by: JSL Date 2-21-21 Time 1915 Reviewed by: PRICE [illegible] Date: 2/21/21 Time: 1917

On-duty Supervisor

Comments: _____

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 1 of 4)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

SR 4.4.1.1, The OPERABILITY acceptance criterion for this surveillance is:
The FLAMMABLE GAS detector in the FSTF FLAMMABLE GAS SOURCE storage cabinet is exposed to the ambient atmosphere in the storage cabinet. The gas concentration readout directly on the detector in the storage cabinet is compared with the gas concentration readout on the system control and alarm panel. The difference between the two readings is checked to VERIFY it is in the range of (≥-0.1; ≤0.1).

		Date:	2/15/21	2/16/21	2/17/21	2/18/21	2/19/21	2/20/21	2/21/21
		Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
		Initials:	MV 2/17/21 MV	RH	[illegible]	RH	JM	MV	MV
SR 4.4.1.1	**Description / Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (percentage)**						
	Flammable Gas Channel Check DET-305-3 (LCD Reading)	NA	005	005	005	005	005	005	005
	CP-305-H (LED Reading)		005	005	005	005	005	005	005
	(DET-305-3) – (CP-305H) (LCD Reading) (LED Reading)	Record Calculated Value	005	005	005	005	005	005	005
		≥ -0.1; ≤+0.1	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005
		Completion Time:	0702	0722	0711	0851	0702	0658	0709

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 2 of 4)

			Date:	2/15/21	2/16/21	2/17/21	2/18/21	2/19/21	2/20/21	2/21/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	MV	RH	@	RH	MV	MV	MV
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.3.4[2]	South basement supply filter plenum (HVP-841) ΔP	[1]PDI-894-1	≤2.0 & >0[1] in. wc	.02	.02	.02	.02	.02	.02	.02
		PDI-894-2	≤2.0 & >0[1] in. wc	.45	.48	.48	.48	.47	.47	.47
4.1.3.4[2]	South Corridor supply (HVP-810) ΔP	[1]PDI-895-1	≤2.0 & >0[1] in. wc	.04	.03	.03	.04	.03	.03	.03
		PDI-895-2	≤2.0 & >0[1] in. wc	.68	.69	.68	.69	.68	.68	.68
4.1.3.4[2]	300 area glovebox exhaust filter plenum (FF854) ΔP	[1]PDI-817-1	≤2.0 & >0[1] in. wc	.30	.30	.30	.30	.29	.29	.29
		PDI-817-2	≤2.0 & >0[1] in. wc	.31	.30	.31	.30	.31	.31	.31
		PDI-817-4	≤2.0 & >0[1] in. wc	.34	.34	.32	.33	.34	.34	.34
		PDI-817-5	≤2.0 & >0[1] in. wc	.32	.31	.31	.31	.31	.31	.31
4.1.3.4[2]	300 area special recovery glovebox exhaust filter plenum (FF858) ΔP	PDI-819-1	≤2.0 & >0[1] in. wc	.45	.48	.47	.47	.45	.45	.45
		PDI-819-3	≤2.0 & >0[1] in. wc	.45	.45	.47	.47	.47	.45	.47
		PDI-819-4	≤2.0 & >0[1] in. wc	.39	.39	.40	.40	.40	.39	.40
4.1.3.4[2]	300 area glovebox exhaust filter plenum (FF855) ΔP	[1]PDI-818-1	≤2.0 & >0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-818-2	≤2.0 & >0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-818-4	≤2.0 & >0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-818-5	≤2.0 & >0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
4.1.3.4[2]	300 area special recovery glovebox exhaust filter plenum (FF859) ΔP	PDI-821-1	≤2.0 & >0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-821-3	≤2.0 & >0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-821-4	≤2.0 & >0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 3 of 4)

			Date:	2/15/21	2/16/21	2/17/21	2/18/21	2/19/21	2/20/21	2/21/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	MV	RT	@	RH		MV	MV
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.3.4[2]	400 area glovebox exhaust filter plenum (FF856) ΔP	[1]PDI-822-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-822-2	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-822-4	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-822-5	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
4.1.3.4[2]	400 area glovebox exhaust filter plenum (FF857) ΔP	[1]PDI-823-1	≤2.0 & > 0[1] in. wc	.08	.08	.08	.08	.08	.08	.08
		PDI-823-2	≤2.0 & > 0[1] in. wc	.55	.59	.58	.59	.56	.55	.55
		PDI-823-4	≤2.0 & > 0[1] in. wc	.49	.49	.49	.49	.49	.49	.49
		PDI-823—5	≤2.0 & > 0[1] in. wc	.61	.60	.61	.61	.61	.61	.61
4.1.3.4[2]	South Basement exhaust filter plenum (FF-829) ΔP	[1]PDI-830-1	≤2.0 & > 0[1] in. wc	.31	.25	.26	.45	.28	.28	.29
		PDI-830-2	≤2.0 & > 0[1] in. wc	.11	.10	.10	.19	.11	.10	.11
		PDI-830-3	≤2.0 & > 0[1] in. wc	.13	.11	.11	.20	.13	.11	.13
4.1.1.7[2]	300 area re-circulation filter plenum (HVP-805) ΔP	[1]PDI-836-1	≤2.0 & > 0[1] in. wc	.08	.07	.07	.07	.07	.07	.07
		PDI-836-2	≤2.0 & > 0[1] in. wc	.65	.65	.65	.66	.65	.65	.65
		PDI-836-3	≤2.0 & > 0[1] in. wc	.67	.68	.68	.68	.67	.67	.67
	300 area re-circulation filter plenum (HVP-806) ΔP	[1]PDI-837-1	≤2.0 & > 0[1] in. wc	.04	.04	.04	.04	.04	.04	.04
		PDI-837-2	≤2.0 & > 0[1] in. wc	.49	.49	.49	.49	.49	.49	.49
		PDI-837-3	≤2.0 & > 0[1] in. wc	.45	.43	.42	.42	.44	.42	.42

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 4 of 4)

			Date:	2/15/21	2/16/21	2/17/21	2/18/21	2/19/21	2/20/21	2/21/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	MV	RH	[illegible]	RH	[illegible]	MV	MV
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.1.7[2]	400 area re-circulation filter plenum (HVP-807) ΔP	[1]PDI-838-1	≤2.0 & >0[1] in. wc	.58	.58	.59	.58	.58	.58	.58
		PDI-838-2	≤2.0 & >0[1] in. wc	.59	.59	.59	.60	.59	.59	.59
		PDI-838-3	≤2.0 & >0[1] in. wc	.58	.60	.59	.59	.59	.59	.59
	400 area re-circulation filter plenum (HVP-808) ΔP	[1]PDI-839-1	≤2.0 & >0[1] in. wc	.40	.40	.41	.40	.40	.40	.40
		PDI-839-2	≤2.0 & >0[1] in. wc	.51	.51	.51	.51	.51	.51	.51
		PDI-839-3	≤2.0 & >0[1] in. wc	.51	.51	.51	.51	.51	.51	.51
4.1.3.4[2]	South Bleed off filter plenum (FF-822A) ΔP	[1]PDI-810-1	≤2.0 & >0[1] in. wc	.18	.18	.18	.17	.17	.17	.17
		PDI-810-2	≤2.0 & >0[1] in. wc	.90	.90	.90	.89	.88	.85	.89
		PDI-810-3	≤2.0 & >0[1] in. wc	.55	.51	.52	.51	.52	.51	.51
4.1.3.4[2]	South Bleed off filter plenum (FF-822B) ΔP	[1]PDI -811 - 1	≤2.0 & >0[1] in. wc	off	OFF	OFF	OFF	off	off	off
		PDI -811 -2	≤2.0 & >0[1] in. wc	off	OFF	OFF	OFF	off	off	Off
		PDI -811 -3	≤2.0 & >0[1] in. wc	off	OFF	OFF	OFF	off	off	off
			Completion Time	0736	0740	0750	0856	0800	0750	0749
OC Operator Review and Page Count Complete (initials)				BC	BC	M	M	BC	BC	BC
OCS Daily Review Sign off (initials)				V	V	V	V	V	V	V

[1] Non TSR requirement
[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR 4.1.3.4 apply during both Mode 1 and Mode 2 as stated in LCO 3.1.3

Completed by: MV Date 2/21/21 Time 0750 Reviewed by: PRM On-duty Supervisor Date: 2/20/21 2/21/21 Time: 0856

Comments 4.4.1 - is out of service

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 1 of 5)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

			Date:	2/15/21	2/16/21	2-17-21	2/18/21	2/19/21 ~~2/19/21~~ ~~2/19/21~~ 2/19/21	2/20/21	2/21/21
			Weekday:	Mon.	Tue	Wed.	Thu	Fri	Sat	Sun
			Initials:	MV	RH	@	BH	JM	MV	MV
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.1.7[2]	Vault re-circulation filter plenum (HVP-811) ΔP Vault re-circulation filter plenum (HVP-812) ΔP	[1]PDI-840-1	≤2.0 & >0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-840-2	≤2.0 & >0 in[1] wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-840-3	≤2.0 & >0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		[1]PDI-841-1	≤2.0 & >0[1] in. wc	.49	.48	.48	.48	.48	.48	.45
		PDI-841-2	≤2.0 & >0[1] in. wc	.58	.59	.59	.60	.59	.59	.59
		PDI-841-3	≤2.0 & >0[1] in. wc	.52	.51	.52	.51	.51	.52	.52
	200 area re-circulation filter plenum (HVP-801) ΔP	[1]PDI-831-1	≤2.0 & >0[1] in. wc	.38	.36	.36	.36	.36	.39	.38
		PDI-831-2	≤2.0 & >0[1] in. wc	.42	.41	.41	.41	.42	.42	.42
		PDI-831-3	≤2.0 & >0[1] in. wc	.39	.40	.40	.40	.40	.39	.39
	200 area re-circulation filter plenum (HVP-802) ΔP	[1]PDI-832-1	≤2.0 & >0[1] in. wc	.60	.60	.60	.60	.60	.60	.60
		PDI-832-2	≤2.0 & >0[1] in. wc	.66	.67	.68	.68	.67	.67	.67
		PDI-832-3	≤2.0 & >0[1] in. wc	.61	.60	.61	.60	.60	.61	.61
4.1.3.4[2]	North Bleed off filter plenum (FF-820A) ΔP	[1]PDI-807-1	≤2.0 & >0[1] in. wc	off	OFF	OFF	OFF	off	off	off
		PDI-807-2	≤2.0 & >0[1] in. wc	off	OFF	OFF	OFF	off	off	off
		PDI-807-3	≤2.0 & >0[1] in. wc	off	OFF	OFF	OFF	off	off	off
4.1.3.4[2]	North Bleed off filter plenum (FF-820B) ΔP	[1]PDI-809-1	≤2.0 & >0[1] in. wc	.08	.08	.08	.08	.08	.09	.08
		PDI-809-2	≤2.0 & >0[1] in. wc	.57	.58	.57	.58	.57	.57	.57
		PDI-809-3	≤2.0 & >0[1] in. wc	.53	.52	.52	.52	.52	.52	.52

Attachment B-2: Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 2 of 5)

			Date:	2/15/21	2/16/21	2/17/21	2/18/21	2/19/21	2/20/21	2/21/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	MV	RH	@	RH	JM	MV	MV
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	North Basement exhaust filter plenum (FF-828) ΔP	[1]PDI-829-1	≤2.0 & >0[1] in. wc	.06	.07	.06	.05	.06	.06	.06
		PDI-829-2	≤2.0 & >0[1] in. wc	.51	.50	.50	.45	.50	.50	.50
		PDI-829-3	≤2.0 & >0[1] in. wc	.50	.50	.49	.41	.50	.49	.49
4.1.1.7[2]	100 area re-circulation filter plenum (HVP-803) ΔP	[1]PDI-833-1	≤2.0 & >0[1] in. wc	.08	.08	.08	.08	.08	.08	.08
		PDI-833-2	≤2.0 & >0[1] in. wc	.52	.51	.52	.51	.52	.52	.52
		PDI-833-3	≤2.0 & >0[1] in. wc	.51	.50	.51	.50	.50	.51	.51
	100 area re-circulation filter plenum (HVP-804) ΔP	[1]PDI-835-1	≤2.0 & >0[1] in. wc	.06	.06	.06	.06	.06	.06	.06
		PDI-835-2	≤2.0 & >0[1] in. wc	.49	.50	.49	.50	.49	.49	.49
		PDI-835-3	≤2.0 & >0[1] in. wc	.50	.50	.50	.50	.50	.50	.50
4.1.3.4[2]	100 area glovebox exhaust filter plenum (FF852) ΔP	[1]PDI-815-1	≤2.0 & >0[1] in. wc	.20	.20	.20	.20	.23	.25	.20
		PDI-815-2	≤2.0 & >0[1] in. wc	.51	.51	.51	.51	.51	.51	.51
		PDI-815-4	≤2.0 & >0[1] in. wc	.42	.45	.44	.46	.43	.45	.45
		PDI-815-5	≤2.0 & >0[1] in. wc	.48	.49	.49	.48	.48	.48	.48
4.1.3.4[2]	100 area glovebox exhaust filter plenum (FF853) ΔP	[1]PDI-816-1	≤2.0 & >0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-816-2	≤2.0 & >0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-816-4	≤2.0 & >0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-816-5	≤2.0 & >0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY

Attachment B-2: Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 3 of 5)

			Date:	2/15/21	2/16/21	2/17/21	2/18/21	2/19/21 ~~2/19/21~~	2/20/21	2/21/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	MV	RH	@	ZH	JH	MV	MV
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF850) ΔP	[1]PDI-812-1	≤2.0 & >0[1] in. wc	.12	.13	.13	.13	.13	.13	.13
		PDI-812-2	≤2.0 & >0[1] in. wc	.30	.30	.30	.30	.31	.30	.30
		PDI-812-3	≤2.0 & >0[1] in. wc	.25	.25	.26	.24	.28	.25	.25
		PDI-812-4	≤2.0 & >0[1] in. wc	.29	.30	.29	.30	.30	.29	.29
		PDI-812-5	≤2.0 & >0[1] in. wc	.35	.32	.33	.32	.34	.33	.32
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF851) ΔP	[1]PDI-813-1	≤2.0 & >0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-813-2	≤2.0 & >0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-813-3	≤2.0 & >0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-813-4	≤2.0 & >0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-813-5	≤2.0 & >0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
4.1.3.4[2]	IFIT exhaust filter plenum (FF-865) ΔP	[1]PDI-865-1	≤2.0 & >0[1] in. wc	.02	.02	.02	.02	.02	.02	.02
		PDI-865-2	≤2.0 & >0[1] in. wc	.38	.38	.39	.39	.39	.39	.39
		PDI-865-3	≤2.0 & >0[1] in. wc	.35	.33	.32	.32	.32	.35	.35
4.1.3.4[2]	IFIT supply filter plenum (HVP-863) ΔP	[1]PDI-863-1	≤2.0 & >0[1] in. wc	.04	.04	.04	.04	.04	.04	.04
		PDI-863-2	≤2.0 & >0[1] in. wc	.31	.31	.30	.30	.31	.31	.31

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 4 of 5)

			Date:	2/15/21	2/16/21	2/17/21	2/18/21	2/19/21	2/20/21	2/21/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	MC	ZH	@	ZH	JM	MC	MC
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS**						
4.1.3.4[2]	North Basement supply filter plenum (HVP-840) ΔP	[1]PDI-857-1	≤ 2.0 & > 0[1] in. wc	.10	.10	.10	.10	.10	.10	.10
		PDI-857-2	≤ 2.0 & > 0[1] in. wc	.45	.43	.43	.43	.43	.43	.43
4.1.3.4[2]	North corridor supply filter plenum (HVP-809) ΔP	[1]PDI-856-1	≤ 2.0 & > 0[1] in. wc	.02	.02	.03	.03	.03	.02	.02
		PDI-856-2	≤ 2.0 & > 0[1] in. wc	.63	.63	.62	.62	.62	.63	.63
[1]NA	**Combustible exclusion area around basement exhaust fans FE828, FE829 and bleed-off fans FE820A, FE820B, FE820C, FE822A, FE822B, FE822C**		**0 lb/ft² combustibles in designated exclusion area (within 15 feet of fans)**	SAT	SAT	SAT	SAT	SAT	SAT	SAT
4.3.2.2[2]	Room 201		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	SAT	SAT	SAT	SAT	SAT	SAT
4.3.2.2[2]	Room 204		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	SAT	SAT	SAT	SAT	SAT	SAT

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 5 of 5)

			Date:	2/15/21	2/16/21	2/17/21	2/18/21	2/19/21	2/20/21	2/21/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	MV	ZH	@	ZH		ML	ML
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS**						
4.3.2.2[2]	Room 206		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	SAT	SAT	SAT	SAT	SAT	SAT
4.3.2.2[2]	Room 207		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	SAT	SAT	SAT	SAT	SAT	SAT
			Completion time	0805	0813	0730	0856	0740	0749	0820
			OC Operator Review and Page Count Complete (initials)	BC	BC	M	M	BC	BC	BC
			OCS Daily Review Sign off (initials)	W	W	W	W	W	W	W

[1] Non TSR requirement

[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR's 4.1.3.4 and 4.3.2.2 apply during both Mode 1 and Mode 2.

Note: Rooms 201, 206 & 207 **must be** entered for surveillance even if they are red lit, room 204 can be viewed through the window. Notify the Operations Center of any rooms that are unable to be entered for the performance of rounds, Operations Center will make a logbook entry recording the room(s) and reason(s) for non-entry. Document in the comments section any room(s) and reason(s) they were unable to be entered for rounds.

Completed by: MV Date 2/21/21 Time 0820 Reviewed by: PRW (On-duty Supervisor) Date: 2/21/21 Time: 0859

Comments: _____

Attachment C, Non-PF-4 Daily Surveillance Rounds [UET]

(Page 1 of 1)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

M&TE Calibrated Data						
Record September through April only	PF-10 Thermometer File No.:	039746	PF-10 Thermistor File No.:	105353	V-701 Thermistor File No.:	103763
	Calibration Expiration Date:	8/5/21	Calibration Expiration Date:	8/13/21	Calibration Expiration Date:	8/13/21
	PF-11 Thermometer File No.:	039745	PF-11 Thermistor File No.:	105352	V-704 Thermistor File No.:	103761
	Calibration Expiration Date:	8/11/21	Calibration Expiration Date:	8/13/21	Calibration Expiration Date:	8/13/21

PF-10 & PF-11 Pump house Room Temperature and V-701 & V-704 Fire Water Storage Tank Temperature									
Daily (September through April only)		Date:	2/15/21	2/16/21	2/17/21	2/18/21	2/19/21	2/20/21	2/21/21
		Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
		Initials:	~~ZH~~	[illegible]	PJC	[illegible]	PJC	[illegible]	[illegible]
SR	**Description**	**Acceptance Criteria**							
NA	ENSURE *M&TE Calibration Data* above is recorded and calibration dates have not elapsed.	Calibration dates have not elapsed.	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT
4.3.1.1[1]	RECORD fire water storage tank V-701 temperature	≥ 42.1 F	50.5	50.5	51.3	51.6	51.5	52.8	53.3
4.3.1.1[1]	RECORD fire water storage tank V-704 temperature	≥ 42.1 F	52.6	54.2	53.11	51.0	49.9	52.4	52.7
4.3.1.3[1]	RECORD PF-10 room temperature	≥ 50.1 F	55.8	57.8	~~58.0~~ PJC 2/19/21 58.8	58.0	57.1	58.6	58.5
4.3.1.3[1]	RECORD PF-11 room temperature	≥ 50.1 F	61.4	62.5	60.7	63.6	61.6	59.8	58.6
		Completion Time:	1028	0840	0721	0840	0713	0924	0922
	OC Operator Review and Page Count Complete (initials)		BC	BC	M	M	BC	BC	BC
	OCS Daily Review Sign off (initials)		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[1] Temperatures should be recorded using Reference Thermometer FLUKE Model 1524 connected to Thermistor Probe Fluke Model 5610-9 (or approved engineered equivalent).

Completed by: C. COLLIER Date ~~2/21~~ 2/21/21 Time 0922

Reviewed by: R PRICE [signature] Date: 2/21/21 Time: 1255

On-duty Supervisor

Comments:

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 1 of 3)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

Note Gauge readings should be taken on rack #4 in the OC. whenever possible. Document if alternate PDIs are used.		**Date:**	2/22/21		2/23/21		02-24-2021		02-25-2021		2/26/21		2/27/21		2/28/21	
		Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
		Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
		Initials:	M	ARD	M	DH	BC	[illegible]	BC	[illegible]	M	ARD	M	DH	M	ARD
SRs	**Description**	**Gauge Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**													
4.1.1.1 4.1.2.1[2]	**200 area glovebox exhaust header ΔP**	PDI-814-1 or PDI-814-2 ≤-1.5 in. wc[1]	-1.96	-2.02	-2.00	-2.00	-2.01	-2.00	-2.00	-2.01	-2.01	-1.99	-1.99	-2.00	-1.99	-2.01
	100 area glovebox exhaust header ΔP	PDI-820-1 or PDI-820-2 ≤-1.5 in. wc[1]	-1.88	-1.90	-1.88	-1.90	-1.89	-1.90	-1.90	-1.89	-1.89	-1.91	-1.89	-1.89	-1.88	-1.89
	300 area glovebox exhaust header ΔP	PDI-870-1 or PDI-870-2 ≤-1.5 in. wc[1]	-1.96	-1.96	-1.96	-1.96	-1.95	-1.97	-1.97	-1.96	-1.96	-1.98	-1.97	-1.96	-1.96	-1.96
	400 area glovebox exhaust header ΔP	PDI-864-1 or PDI-864-2 ≤-1.5 in. wc[1]	-1.97	-1.97	-1.97	-1.97	-1.92	-1.96	-1.96	-1.96	-1.97	-1.98	-1.97	-1.97	-1.96	-1.96
4.1.1.2 4.1.1.5[3] 4.1.2.2[2]	**200 area laboratory header ΔP**	PDI-803-1 or PDI-803-2 ≤-0.05 in. wc[1]	-.19	-.18	-.18	-.20	-.19	-.019	-.19	-0.19	-.19	-.29	-.29	-.30	-.30	-.30
	100 area laboratory header ΔP	PDI-802-1 or PDI-802-2 ≤-0.05 in. wc[1]	-.26	-.26	-.25	-.27	-.25	-.026	-.25	-0.26	-.26	-.38	-.37	-.39	-.39	-.39
	300 area laboratory header ΔP	PDI-853-1 or PDI-853-2 ≤-0.05 in. wc[1]	-.21	-.26	-.19	-.21	-.20	-.020	-.21	-0.22	-.21	-.19	-.20	-.20	-.22	-.22
	400 area laboratory header ΔP	PDI-852-1 or PDI-852-2 ≤-0.05 in. wc[1]	-.21	-.19	-.19	-.20	-.20	-.020	-.19	-0.21	-.21	-.19	-.19	-.20	-.21	-.22
	IFIT Facility ΔP	PDI-865-4 or PDI-865-5 ≤-0.05 in. wc	-.15	-.15	-.15	-.15	-.15	-.015	-.12	-0.15	-.15	-.15	-.14	-.15	-.15	-.15
4.1.1.3 4.1.2.3[2]	**North basement ΔP**	PDI-804-1 or PDI-804-2 < 0.00 in. wc	-.09	-.09	-.09	-.09	-.09	-.009	-.10	-0.09	-.09	-.09	-.09	-.09	-.09	-.09
	South basement ΔP	PDI-854-1 or PDI-854-2 < 0.00 in. wc	-.09	-.09	-.09	-.09 -.09	-.09	-.009	-.10	-0.09	-.09	-.09	-.09	-.09	-.09	-.09
	IRT Tunnel ΔP	PDT-901 or PDI-901 < 0.00 in. wc	-.101	-.123	-.118	-.113	-.115	-.0112	-.116	-0.113	-.106	-.110	-.104	-.101	-.116	-.117

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 2 of 3)

Note Readings should be taken using FCS screens FMT#151,152,201LD and 202LD. Field verification and local plenum PDI's may be used if FCS is unavailable.		**Date:**	2/22/21		2/23/21		02-24-2021		02-25-2021		2/26/21		2/27/21		2/28/21	
		Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
		Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
		Initials:	M	ATJ	M	DH	BE	JSL	EL	[illegible]	M	ABJ	M	DH	M	ABJ
SRs	**Description**	**Readings**	**Acceptance Criteria**	**SURVEILLANCE RESULTS Sat / Unsat (circle one)**												
4.1.1.6	**200 area re-circulation fan/ plenum**	FR-801 Icon red and PDT-831 ΔP >.050 or FR-802 Icon red and PDT-832 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	100 area re-circulation fan/ plenum	FR-803 Icon red and PDT-833 ΔP >.050 or FR-804 Icon red and PDT-835 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	300 area re-circulation fan/ plenum	FR-805 Icon red and PDT-836 ΔP >.050 or FR-806 Icon red and PDT-837 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	400 area re-circulation fan/ plenum	FR-807 Icon red and PDT-838 ΔP >.050 or FR-808 Icon red and PDT-839 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	Vault re-circulation fan/ plenum	FR-811 Icon red and PDT-840 ΔP >.050 or FR-812 Icon red and PDT-841 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 3 of 3)

Note
Gauge readings should be taken on rack #4 in the OC when possible, local PDI equivalents may be used if necessary. Document any alternate PDIs used.

				Date:	2/22/21		2/23/21		02242021		02252021		2/26/21		2/27/21		2/28/21	
				Weekday:	Mon		Tue		Wed		Thu		Fri		Sat		Sun	
				Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
				Initials:	M	ARS	M	DH	BE	JS	BE	[illegible]	M	ARS	M	DH	M	ARS
SRs	**Description**	**Area**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS** Sat / Unsat (circle one)													
4.1.1.4	**Glovebox exhaust header APs < laboratory APs < basement APs for areas 100, 200, 300 and 400**	200 Area	PDI-814-2 PDI-803-2 PDI-804-2	PDI-814-2 < PDI-803-2 < PDI-804-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		100 Area	PDI-820-2 PDI-802-2 PDI-804-2	PDI-820-2 < PDI-802-2 < PDI-804-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		300 Area	PDI-870-2 PDI-853-2 PDI-854-2	PDI-870-2 < PDI-853-2 < PDI-854-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		400 Area	PDI-864-2 PDI-852-2 PDI-854-2	PDI-864-2 < PDI-852-2 < PDI-854-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		Completion Time			0736	1934	0727	1935	0717	1909	0718	1917	0728	1924	0730	1920	0728	1921
		OCS Daily Review Sign off (initials)			MM	MM	MM	ARS	LV	[illegible]	[illegible]	[illegible]	MM	MM	MM	ARS	MM	MM

[1] Mode 2 acceptance criteria is < 0.00 in. wc.
[2] SRs 4.1.2.x only apply during Mode 2 in accordance with LCO 3.1.2.
[3] SRs 4.1.1.5 is only applicable when MAR is in the IFIT Facility

Completed by: [signature] Date 2/28/21 Time 1923 Reviewed by: [signature] Date: 2/28/21 Time: 1930
On-duty Supervisor

Comments: _____

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 1 of 4)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

SR 4.4.1.1, The OPERABILITY acceptance criterion for this surveillance is:
The FLAMMABLE GAS detector in the FSTF FLAMMABLE GAS SOURCE storage cabinet is exposed to the ambient atmosphere in the storage cabinet. The gas concentration readout directly on the detector in the storage cabinet is compared with the gas concentration readout on the system control and alarm panel. The difference between the two readings is checked to VERIFY it is in the range of (≥-0.1; ≤0.1).

		Date:	2/22/21	2/23/21	2/24/21	2/25/21	2/26/21	2/27/21	2/28/21
		Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
		Initials:	RH					RH	RH
SR 4.4.1.1	Description / Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (percentage)						
	Flammable Gas Channel Check DET-305-3 (LCD Reading)	NA	005	005	005	005	005	005	005
	CP-305-H (LED Reading)		005	005	005	005	005	005	005
	(DET-305-3) – (CP-305H)	Record Calculated Value	005	005	005	005	005	005	005
	(LCD Reading) (LED Reading)	≥ -0.1; ≤+0.1	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005
		Completion Time:	0710	0702	0705	0701	0701	0700	0708

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 2 of 4)

			Date:	2/22/21	2/23/21	2/24/21	2/25/21	2/26/21	2/27/21	2/28/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	RH						RH
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.3.4[2]	South basement supply filter plenum (HVP-841) ΔP	[1]PDI-894-1	≤2.0 & > 0[1] in. wc	.02	.02	.02	.02	.02	.02	.02
		PDI-894-2	≤2.0 & > 0[1] in. wc	.49	.48	.48	.48	.48	.49	.49
4.1.3.4[2]	South Corridor supply (HVP-810) ΔP	[1]PDI-895-1	≤2.0 & > 0[1] in. wc	.04	.03	.04	.03	.03	.04	.04
		PDI-895-2	≤2.0 & > 0[1] in. wc	.70	.63	.67	.69	.66	.69	.70
4.1.3.4[2]	300 area glovebox exhaust filter plenum (FF854) ΔP	[1]PDI-817-1	≤2.0 & > 0[1] in. wc	.30	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-817-2	≤2.0 & > 0[1] in. wc	.30	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-817-4	≤2.0 & > 0[1] in. wc	.32	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-817-5	≤2.0 & > 0[1] in. wc	.31	STBY	STBY	STBY	STBY	STBY	STBY
4.1.3.4[2]	300 area special recovery glovebox exhaust filter plenum (FF858) ΔP	PDI-81 9-1	≤2.0 & > 0[1] in. wc	.48	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-81 9-3	≤2.0 & > 0[1] in. wc	.45	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-819-4	≤2.0 & > 0[1] in. wc	.40	STBY	STBY	STBY	STBY	STBY	STBY
4.1.3.4[2]	300 area glovebox exhaust filter plenum (FF855) ΔP	[1]PDI-818-1	≤2.0 & > 0[1] in. wc	STBY	.26	.26	.26	.26	.26	.26
		PDI-818-2	≤2.0 & > 0[1] in. wc	STBY	.31	.31	.31	.31	.30	.30
		PDI-818-4	≤2.0 & > 0[1] in. wc	STBY	.31	.31	.30	.31	.31	.30
		PDI-818-5	≤2.0 & > 0[1] in. wc	STBY	.31	.31	.31	.31	.30	.30
4.1.3.4[2]	300 area special recovery glovebox exhaust filter plenum (FF859) ΔP	PDI-821-1	≤2.0 & > 0[1] in. wc	STBY	.45	.46	.44	.44	.42	.42
		PDI-821-3	≤2.0 & > 0[1] in. wc	STBY	.46	.46	.45	.46	.48	.48
		PDI-821-4	≤2.0 & > 0[1] in. wc	STBY	.41	.41	.41	.42	.41	.41

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 3 of 4)

			Date:	2/22/21	2/23/21	2/24/21	2/25/21	[illegible]	2/27/21	2/28/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	RH	[illegible]	[illegible]	[illegible]	[illegible]	RH	RH
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	400 area glovebox exhaust filter plenum (FF856) ΔP	[1]PDI-822-1	≤2.0 & > 0[1] in. wc	STBY	.12	STBY	STBY	STBY	STBY	STBY
		PDI-822-2	≤2.0 & > 0[1] in. wc	STBY	.59	STBY	STBY	STBY	STBY	STBY
		PDI-822-4	≤2.0 & > 0[1] in. wc	STBY	.42	STBY	STBY	STBY	STBY	STBY
		PDI-822-5	≤2.0 & > 0[1] in. wc	STBY	.58	STBY	STBY	STBY	STBY	STBY
4.1.3.4[2]	400 area glovebox exhaust filter plenum (FF857) ΔP	[1]PDI-823-1	≤2.0 & > 0[1] in. wc	.08	STBY	.09	.07	.07	.08	.08
		PDI-823-2	≤2.0 & > 0[1] in. wc	.59	STBY	.55	.55	.55	.59	.60
		PDI-823-4	≤2.0 & > 0[1] in. wc	.49	STBY	.49	.49	.48	.49	.49
		PDI-823—5	≤2.0 & > 0[1] in. wc	.61	STBY	.61	.61	.61	.61	.61
4.1.3.4[2]	South Basement exhaust filter plenum (FF-829) ΔP	[1]PDI-830-1	≤2.0 & > 0[1] in. wc	.25	.28	.27	.30	.34	.20	.25
		PDI-830-2	≤2.0 & > 0[1] in. wc	.10	.10	.10	.05	.10	.08	.10
		PDI-830-3	≤2.0 & > 0[1] in. wc	.11	.12	.11	.06	.12	.10	.11
4.1.1.7[2]	300 area re-circulation filter plenum (HVP-805) ΔP	[1]PDI-836-1	≤2.0 & > 0[1] in. wc	.07	.07	.07	.07	.07	.06	.07
		PDI-836-2	≤2.0 & > 0[1] in. wc	.67	.67	.67	.65	.66	.65	.66
		PDI-836-3	≤2.0 & > 0[1] in. wc	.68	.67	.67	.67	.67	.65	.65
	300 area re-circulation filter plenum (HVP-806) ΔP	[1]PDI-837-1	≤2.0 & > 0[1] in. wc	.04	.04	.04	.04	.04	.04	.04
		PDI-837-2	≤2.0 & > 0[1] in. wc	.59	.49	.49	.49	.48	.49	.49
		PDI-837-3	≤2.0 & > 0[1] in. wc	.52	.43	.44	.45	.43	.43	.44

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 4 of 4)

			Date:	2/22/21	2/23/21	2/24/21	2/25/21	02/26/21	2/27/21	2/28/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	RH					~~RH~~	RH
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.1.7[2]	400 area re-circulation filter plenum (HVP-807) ΔP	[1]PDI-838-1	≤2.0 & > 0[1] in. wc	.59	.59	.59	.58	.59	.58	.58
		PDI-838-2	≤2.0 & > 0[1] in. wc	.60	.59	.59	.58	.59	.57	.56
		PDI-838-3	≤2.0 & > 0[1] in. wc	.60	.59	.59	.58	.58	.59	.59
	400 area re-circulation filter plenum (HVP-808) ΔP	[1]PDI-839-1	≤2.0 & > 0[1] in. wc	.41	.41	.41	.41	.41	.41	.41
		PDI-839-2	≤2.0 & > 0[1] in. wc	.51	.51	.51	.51	.51	.51	.51
		PDI-839-3	≤2.0 & > 0[1] in. wc	.51	.52	.52	.53	.53	.51	.51
4.1.3.4[2]	South Bleed off filter plenum (FF-822A) ΔP	[1]PDI-810-1	≤2.0 & > 0[1] in. wc	.18	.16	.17	.18	.16	.14	.14
		PDI-810-2	≤2.0 & > 0[1] in. wc	.90	.82	.82	.90	.87	.80	.80
		PDI-810-3	≤2.0 & > 0[1] in. wc	.51	.50	.50	.50	.53	.49	.49
4.1.3.4[2]	South Bleed off filter plenum (FF-822B) ΔP	[1]PDI -811 - 1	≤2.0 & > 0[1] in. wc	OFF	off	off	off	off	OFF	~~OFF~~
		PDI -811 -2	≤2.0 & > 0[1] in. wc	~~OFF~~	off	off	off	off	OFF	~~OFF~~
		PDI -811 -3	≤2.0 & > 0[1] in. wc	~~OFF~~	off	off	off	off	OFF	~~OFF~~
			Completion Time	0755	0800	0820	0825	0730	0743	0752
OC Operator Review and Page Count Complete (initials)				M	M	BC <	< BC	M	M	M
OCS Daily Review Sign off (initials)				MH	MJW	MH	MH	MH	MH	MH

[1] Non TSR requirement
[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR 4.1.3.4 apply during both Mode 1 and Mode 2 as stated in LCO 3.1.3.

Completed by: RHohner Date 2/28/21 Time 0752 Reviewed by: _____ Date: 2/28/21 Time: 1935
On-duty Supervisor

Comments 4.4.1.1 Awaiting Calibration

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 1 of 5)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

			Date:	2/22/21	2/23/21	2/24/21	2/25/21	02/26/21	02/27/21	02/28/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	2H						
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.1.7[2]	Vault re-circulation filter plenum (HVP-811) ΔP Vault re-circulation filter plenum (HVP-812) ΔP	[1]PDI-840-1	≤2.0 & > 0[1] in. wc	STBY	.17	.17	.16	.16	.14	.16
		PDI-840-2	≤2.0 & > 0 in[1]. wc	STBY	.53	.53	.54	.54	.52	.52
		PDI-840-3	≤2.0 & > 0[1] in. wc	STBY	.51	.51	.50	.51	.51	.51
		[1]PDI-841-1	≤2.0 & > 0[1] in. wc	.48	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-841-2	≤2.0 & > 0[1] in. wc	.60	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-841-3	≤2.0 & > 0[1] in. wc	.51	STBY	STBY	STBY	STBY	STBY	STBY
	200 area re-circulation filter plenum (HVP-801) ΔP	[1]PDI-831-1	≤2.0 & > 0[1] in. wc	.36	.36	.36	.36	.36	.36	.36
		PDI-831-2	≤2.0 & > 0[1] in. wc	.41	.41	.41	.42	.42	.41	.41
		PDI-831-3	≤2.0 & > 0[1] in. wc	.40	.40	.40	.40	.39	.40	.40
	200 area re-circulation filter plenum (HVP-802) ΔP	[1]PDI-832-1	≤2.0 & > 0[1] in. wc	.60	.60	.60	.62	.61	.60	.60
		PDI-832-2	≤2.0 & > 0[1] in. wc	.68	.67	.66	.66	.66	.67	.68
		PDI-832-3	≤2.0 & > 0[1] in. wc	.60	.61	.61	.61	.61	.60	.60
4.1.3.4[2]	North Bleed off filter plenum (FF-820A) ΔP	[1]PDI-807-1	≤2.0 & > 0[1] in. wc	OFF	off	.12	.12	.12	.14	.14
		PDI-807-2	≤2.0 & > 0[1] in. wc	OFF	off	.58	.57	.57	.66	.65
		PDI-807-3	≤2.0 & > 0[1] in. wc	OFF	off	.50	.50	.50	.60	.59
4.1.3.4[2]	North Bleed off filter plenum (FF-820B) ΔP	[1]PDI-809-1	≤2.0 & > 0[1] in. wc	.09	.09	off	off	off	OFF	OFF
		PDI-809-2	≤2.0 & > 0[1] in. wc	.58	.52	off	off	off	OFF	OFF
		PDI-809-3	≤2.0 & > 0[1] in. wc	.51	.50	off	off	off	OFF	OFF

Attachment B-2: Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 2 of 5)

			Date:	2/22/21	2/23/21	2/24/21	2/25/21	2/26/21	2/27/21	2/28/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	RH				WH	RH	RH
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	North Basement exhaust filter plenum (FF-828) ΔP	[1]PDI-829-1	≤2.0 & > 0[1] in. wc	.06	.06	.06	.06	.06	.04	.05
		PDI-829-2	≤2.0 & > 0[1] in. wc	.50	.51	.51	.51	.50	.48	.48
		PDI-829-3	≤2.0 & > 0[1] in. wc	.50	.50	.50	.50	.50	.47	.46
4.1.1.7[2]	100 area re-circulation filter plenum (HVP-803) ΔP	[1]PDI-833-1	≤2.0 & > 0[1] in. wc	.08	.08	.08	.08	.08	.08	.08
		PDI-833-2	≤2.0 & > 0[1] in. wc	.51	.54	.54	.55	.55	.54	.55
		PDI-833-3	≤2.0 & > 0[1] in. wc	.50	.51	.51	.51	.51	.51	.51
	100 area re-circulation filter plenum (HVP-804) ΔP	[1]PDI-835-1	≤2.0 & > 0[1] in. wc	.04	.06	.05	.06	.06	.06	.06
		PDI-835-2	≤2.0 & > 0[1] in. wc	.50	.49	.49	.49	.49	.50	.50
		PDI-835-3	≤2.0 & > 0[1] in. wc	.50	.50	.50	.50	.50	.50	.50
4.1.3.4[2]	100 area glovebox exhaust filter plenum (FF852) ΔP	[1]PDI-815-1	≤2.0 & > 0[1] in. wc	.21	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-815-2	≤2.0 & > 0[1] in. wc	.50	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-815-4	≤2.0 & > 0[1] in. wc	.45	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-815-5	≤2.0 & > 0[1] in. wc	.49	STBY	STBY	STBY	STBY	STBY	STBY
4.1.3.4[2]	100 area glovebox exhaust filter plenum (FF853) ΔP	[1]PDI-816-1	≤2.0 & > 0[1] in. wc	STBY	.41	.41	.40	.40	.41	.41
		PDI-816-2	≤2.0 & > 0[1] in. wc	STBY	.52	.52	.52	.52	.55	.55
		PDI-816-4	≤2.0 & > 0[1] in. wc	STBY	.49	.49	.50	.50	.50	.50
		PDI-816-5	≤2.0 & > 0[1] in. wc	STBY	.50	.50	.50	.51	.51	.51

Attachment B-2: Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 3 of 5)

			Date:	2/22/21	2/23/21	2/24/21	2/25/21	2/26/21	2/27/21	2/28/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	ZH					ZH	RH
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF850) ΔP	[1]PDI-812-1	≤2.0 & > 0[1] in. wc	.14	STBY	STBY	STBY	Stby	STBY	STBY
		PDI-812-2	≤2.0 & > 0[1] in. wc	.30	STBY	STBY	STBY	Stby	STBY	STBY
		PDI-812-3	≤2.0 & > 0[1] in. wc	.28	STBY	STBY	STBY	Stby	STBY	STBY
		PDI-812-4	≤2.0 & > 0[1] in. wc	.29	STBY	STBY	STBY	Stby	STBY	STBY
		PDI-812-5	≤2.0 & > 0[1] in. wc	.32	STBY	STBY	STBY	Stby	STBY	STBY
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF851) ΔP	[1]PDI-813-1	≤2.0 & > 0[1] in. wc	STBY	.09	.09	.08	.08	.09	.09
		PDI-813-2	≤2.0 & > 0[1] in. wc	STBY	.25	.24	.23	.23	.25	.24
		PDI-813-3	≤2.0 & > 0[1] in. wc	STBY	.21	.21	.20	.20	.20	.20
		PDI-813-4	≤2.0 & > 0[1] in. wc	STBY	.29	.29	.27	.27	.29	.29
		PDI-813-5	≤2.0 & > 0[1] in. wc	STBY	.31	.31	.30	.29	.30	.30
4.1.3.4[2]	IFIT exhaust filter plenum (FF-865) ΔP	[1]PDI-865-1	≤2.0 & > 0[1] in. wc	.02	.02	.02	.02	.02	.02	.02
		PDI-865-2	≤2.0 & > 0[1] in. wc	.39	.38	.39	.39	.39	.40	.40
		PDI-865-3	≤2.0 & > 0[1] in. wc	.33	.36	.37	.36	.36	.33	.34
4.1.3.4[2]	IFIT supply filter plenum (HVP-863) ΔP	[1]PDI-863-1	≤2.0 & > 0[1] in. wc	.04	.04	.04	.04	.04	.04	.04
		PDI-863-2	≤2.0 & >0[1] in. wc	.30	.31	.31	.31	.31	.31	.31

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 4 of 5)

			Date:	2/22/21	2/23/21	2/24/21	2/25/21	02.12.21	2/27/21	2/28/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	RH					RH	RH
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS**						
4.1.3.4[2]	North Basement supply filter plenum (HVP-840) ΔP	[1]PDI-857-1	≤ 2.0 & > 0[1] in. wc	.10	.10	.10	.10	.10	.10	.10
		PDI-857-2	≤ 2.0 & > 0[1] in. wc	.44	.46	.46	.45	.45	.47	.47
4.1.3.4[2]	North corridor supply filter plenum (HVP-809) ΔP	[1]PDI-856-1	≤ 2.0 & > 0[1] in. wc	.02	.03	.03	.03	.03	.02	.02
		PDI-856-2	≤ 2.0 & > 0[1] in. wc	.64	.60	.60	.60	.66	.60	.60
[1]NA	**Combustible exclusion area around basement exhaust fans FE828, FE829 and bleed-off fans FE820A, FE820B, FE820C, FE822A, FE822B, FE822C**		**0 lb/ft² combustibles in designated exclusion area (within 15 feet of fans)**	SAT	SAT	SAT	SAT	SAT	SAT	SAT
4.3.2.2[2]	Room 201		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	SAT	SAT	SAT	SAT	SAT	SAT
4.3.2.2[2]	Room 204		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	SAT	SAT	SAT	SAT	SAT	SAT

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 5 of 5)

			Date:	2/22/21	2/23/21	2/24/21	2/25/21	2/26/21	2/27/21	2/28/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	RH					RH	RH
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS**						
4.3.2.2[2]	Room 206		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	SAT	SAT	SAT	SAT	SAT	SAT
4.3.2.2[2]	Room 207		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	SAT	SAT	SAT	SAT	SAT	SAT
			Completion time	0755	0730	0800	0845	0721	0752	0814
			OC Operator Review and Page Count Complete (initials)	M	M	M	M	M	M	M
			OCS Daily Review Sign off (initials)	MH	MSW	W	W	MH	MH	MH

[1] Non TSR requirement

[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR's 4.1.3.4 and 4.3.2.2 apply during both Mode 1 and Mode 2.

Note: Rooms 201, 206 & 207 **must be** entered for surveillance even if they are red lit, room 204 can be viewed through the window. Notify the Operations Center of any rooms that are unable to be entered for the performance of rounds, Operations Center will make a logbook entry recording the room(s) and reason(s) for non-entry. Document in the comments section any room(s) and reason(s) they were unable to be entered for rounds.

Completed by: RHohnan Date 2/28/21 Time 0814 Reviewed by: _____ Date: 2/28/21 Time: 1937

On-duty Supervisor

Comments: _____

Attachment C, Non-PF-4 Daily Surveillance Rounds [UET]

(Page 1 of 1)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

M&TE Calibrated Data						
Record September through April only	PF-10 Thermometer File No.:	039746	PF-10 Thermistor File No.:	103763	V-701 Thermistor File No.:	105353
	Calibration Expiration Date:	8/5/21	Calibration Expiration Date:	08/13/21	Calibration Expiration Date:	08/13/21
	PF-11 Thermometer File No.:	039745	PF-11 Thermistor File No.:	103761	V-704 Thermistor File No.:	105352
	Calibration Expiration Date:	8/11/21	Calibration Expiration Date:	08/13/21	Calibration Expiration Date:	08/13/21

PF-10 & PF-11 Pump house Room Temperature and V-701 & V-704 Fire Water Storage Tank Temperature									
Daily (September through April only)		Date:	02/22/21	2/23/21	2/24/21	2/25/21	2/26/21	2/27/21	2/28/21
		Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
		Initials:	hmm	PJC	[illegible]	hmm	PJC	[illegible]	M
SR	**Description**	**Acceptance Criteria**							
NA	ENSURE *M&TE Calibration Data* above is recorded and calibration dates have not elapsed	Calibration dates have not elapsed	SAT/UNSAT	SAT/UNSAT	SAT/UNSAT	SAT/UNSAT	SAT/UNSAT	SAT/UNSAT	SAT/UNSAT
4.3.1.1[1]	RECORD fire water storage tank V-701 temperature	≥ 42.1 F	53.4	53.8	54.1	53.6	53.6	53.8	53.7
4.3.1.1[1]	RECORD fire water storage tank V-704 temperature	≥ 42.1 F	54.6	53.9	53.2	51.9	50.6	50.8	52.4
4.3.1.3[1]	RECORD PF-10 room temperature	≥ 50.1 F	60.1	60.3	60.4	61.1	59.4	59.4	58.8
4.3.1.3[1]	RECORD PF-11 room temperature	≥ 50.1 F	63.5	62.6	63.0	60.5	60.5	59.6	61.1
		Completion Time	0858	0717	0805	0758	0717	0934	1005
	OC Operator Review and Page Count Complete (initials)		M	M	[illegible]	[illegible]	M	M	M
	OCS Daily Review Sign off (initials)		[illegible]	MSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[1] Temperatures should be recorded using Reference Thermometer FLUKE Model 1524 connected to Thermistor Probe Fluke Model 5610-9 (or approved engineered equivalent).

Completed by: [signature] Date 2/28/21 Time 1005

Reviewed by: [signature] Date: 2/28/21 Time: 1015
On-duty Supervisor

Comments:

Attachment B, Surveillance Training Checklist

(Page 1 of 2)

Procedure title:	Surveillance Rounds
Procedure no.:	TA55-STP-004, R21
Date of issue:	03/01/2021
Working copy issued to:	A. Jaurigue
Working copy issued by:	D. Heintschel
	Certified Operations Center Operator (OCO)

Procedure is the current revision listed in Documentum: ☑ Yes ☐ Documentum Unavailable

Performance Type: ☑ Scheduled ☐ Partial ☐ Other *If partial or other list reason in Comments below*

Comments: *(Document TSR Status Board tracking date here if different from completion date.)*

Training Checklist:

Workers Performing Surveillance	Applicable Surveillance Training Current	
	OCO Initials	Date
J. Cedillo	AM	3/1/21
B. Chance	AM	3/1/21
C. Cochran	AM	3/1/21
D. Heintschel	AM	3/1/21
T. Stilson	AM	3/1/21
M. Wells	AM	3/1/21
A. Jaurigue	AM	3/1/21
M. Miller	AM	3/1/21
R. Price	AM	3/1/21

QC Reviews Complete and TSR Status Board Updated

OCO Signature 3/31/21 Date

Attachment B, Surveillance Training Checklist (continued)
(Page 2 of 2)

Training Checklist (continuation sheet)

Workers Performing Surveillance	Applicable Surveillance Training Current	
	Initials	Date
F. Seybert	AM	3/1/21
D. Dunlavy	AM	3/1/21
K. Ashley	AM	3/1/21
M. Washburn	AM	3/1/21
R. Hohner	AM	3/1/21
M. Irish	AM	3/1/21
T. Langworthy	AM	3/1/21
J. Martinez	AM	AM 3/1/21 ~~3/1/21~~ 3/1/21
S. Sheldon	J	
A. Sanchez	AM	3/1/21
M. Vigil	AM	3/1/21
A. Cantu	AM	3/1/21
P. Connelly	AM	3/1/21
K. Brauer	AM	3/1/21

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 1 of 3)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

Note Gauge readings should be taken on rack #4 in the OC. whenever possible. Document if alternate PDIs are used.		**Date:**	03.01.21		03.02.21		3/3/21		03.04.21		03.05.21		3/6/21		03.07.21	
		Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
		Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
		Initials:	EC	TS	EC	JS	[illegible]	DH	EC	AMS	EC	[illegible]	[illegible]	[illegible]	EC	JS
SRs	**Description**	**Gauge Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**													
4.1.1.1 4.1.2.1[2]	200 area glovebox exhaust header ΔP	PDI-814-1 or PDI-814-2 ≤-1.5 in. wc[1]	-1.99	-2.01	-2.00	-2.01	-1.98	-2.01	-1.99	-2.00	-2.01	-2.00	-1.98	-2.01	-2.01	-2.01
	100 area glovebox exhaust header ΔP	PDI-820-1 or PDI-820-2 ≤-1.5 in. wc[1]	-1.90	-1.89	-1.89	-1.89	-1.88	-1.89	-1.88	-1.98	-1.88	-1.88	-1.91	-1.89	-1.89	-1.90
	300 area glovebox exhaust header ΔP	PDI-870-1 or PDI-870-2 ≤-1.5 in. wc[1]	-1.98	-2.00	-1.97	-1.96	-1.96	-1.97	-1.95	-1.99	-1.95	-1.98	-1.95	-1.97	-1.96	-1.96
	400 area glovebox exhaust header ΔP	PDI-864-1 or PDI-864-2 ≤-1.5 in. wc[1]	-2.00	-2.00	-1.97	-1.99	-1.97	-2.01	-1.97	-1.99	-1.95	-1.99	-1.97	-1.99	-1.97	-1.97
4.1.1.2 4.1.1.5[3] 4.1.2.2[2]	200 area laboratory header ΔP	PDI-803-1 or PDI-803-2 ≤-0.05 in. wc[1]	-.29	-.28	-.28	-0.20	-.19	-.19	-.20	-.18	-.20	-0.18	-.19	-0.19	-.20	-0.20
	100 area laboratory header ΔP	PDI-802-1 or PDI-802-2 ≤-0.05 in. wc[1]	-.40	-.40	-.38	-0.26	-.26	-.26	-.27	-.23	-.27	-0.25	-.27	-0.27	-.27	-0.28
	300 area laboratory header ΔP	PDI-853-1 or PDI-853-2 ≤-0.05 in. wc[1]	-.21	-.21	-.21	-0.14	-.20	-.19	-.22	-.18	-.22	-0.19	-.22	-0.18	-.20	-0.20
	400 area laboratory header ΔP	PDI-852-1 or PDI-852-2 ≤-0.05 in. wc[1]	-.21	-.21	-.20	-0.18	-.20	-.19	-.22	-.18	-.21	-0.18	-.21	-0.18	-.20	-0.20
	IFIT Facility ΔP	PDI-865-4 or PDI-865-5 ≤-0.05 in. wc	-.14	-.15	-.15	-0.15	-.15	-.15	-.16	-.15	-.15	-0.15	-.15	-0.15	-.15	-0.15
4.1.1.3 4.1.2.3[2]	North basement ΔP	PDI-804-1 or PDI-804-2 < 0.00 in. wc	-.09	-.09	-.09	-0.09	-.09	-.09	-.09	-.09	-.10	-0.10	-.09	-0.09	-.09	-0.09
	South basement ΔP	PDI-854-1 or PDI-854-2 < 0.00 in. wc	-.09	-.09	-.09	-0.09	-.09	-.09	-.09	-.09	-.09	-0.09	-.09	-0.09	-.09	-0.09
	IRT Tunnel ΔP	PDT-901 or PDI-901 < 0.00 in. wc	-.115	-.115	-.110	-0.113	-.115	-.118	-.108	-.123	-.108	-0.114	-.116	-0.110	-.115	-0.116

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 2 of 3)

Note: Readings should be taken using FCS screens FMT#151,152,201LD and 202LD. Field verification and local plenum PDI's may be used if FCS is unavailable.		Date:	03.01.21		03.02.21		3/3/21		03.04.21		03.05.21		3/6/21		03.07.21	
		Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
		Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
		Initials:	BC	TS	BC	JSL	CA	OH	BC	AM	BC	BC	CA	BC	BC	JSL
SRs	**Description**	**Readings**	**Acceptance Criteria**	**SURVEILLANCE RESULTS Sat / Unsat (circle one)**												
4.1.1.6	**200 area re-circulation fan/ plenum**	FR-801 Icon red and PDT-831 ΔP >.050 or FR-802 Icon red and PDT-832 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	100 area re-circulation fan/ plenum	FR-803 Icon red and PDT-833 ΔP >.050 or FR-804 Icon red and PDT-835 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	300 area re-circulation fan/ plenum	FR-805 Icon red and PDT-836 ΔP >.050 or FR-806 Icon red and PDT-837 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	400 area re-circulation fan/ plenum	FR-807 Icon red and PDT-838 ΔP >.050 or FR-808 Icon red and PDT-839 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	Vault re-circulation fan/ plenum	FR-811 Icon red and PDT-840 ΔP >.050 or FR-812 Icon red and PDT-841 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 3 of 3)

Note
Gauge readings should be taken on rack #4 in the OC when possible, local PDI equivalents may be used if necessary. Document any alternate PDIs used.

				Date:	03.01.21		03.02.21		3/3/21		03.04.21		03.05.21		3/6/21		03.07.21	
				Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
				Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
				Initials:	BC	TS	BC	JSL	G	DH	BC	AM	BC		G		BC	JSL
SRs	**Description**	**Area**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS Sat / Unsat (circle one)**													
4.1.1.4	**Glovebox exhaust header ΔPs < laboratory ΔPs < basement ΔPs for areas 100, 200, 300 and 400**	200 Area	PDI-814-2 PDI-803-2 PDI-804-2	PDI-814-2 < PDI-803-2 < PDI-804-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		100 Area	PDI-820-2 PDI-802-2 PDI-804-2	PDI-820-2 < PDI-802-2 < PDI-804-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		300 Area	PDI-870-2 PDI-853-2 PDI-854-2	PDI-870-2 < PDI-853-2 < PDI-854-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		400 Area	PDI-864-2 PDI-852-2 PDI-854-2	PDI-864-2 < PDI-852-2 < PDI-854-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		Completion Time			0713	1931	0712	1915	0724	1927	0717	1929	0718	1917	0715	1915	0717	1920
		OCS Daily Review Sign off (initials)																

[1] Mode 2 acceptance criteria is < 0.00 in. wc.
[2] SRs 4.1.2.x only apply during Mode 2 in accordance with LCO 3.1.2.
[3] SRs 4.1.1.5 is only applicable when MAR is in the IFIT Facility

Completed by: JSL Date 3-7-21 Time 1920 Reviewed by: _____ Date: 3/7/21 Time: 1944
On-duty Supervisor

Comments: _____

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 1 of 4)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

SR 4.4.1.1, The OPERABILITY acceptance criterion for this surveillance is:
The FLAMMABLE GAS detector in the FSTF FLAMMABLE GAS SOURCE storage cabinet is exposed to the ambient atmosphere in the storage cabinet. The gas concentration readout directly on the detector in the storage cabinet is compared with the gas concentration readout on the system control and alarm panel. The difference between the two readings is checked to VERIFY it is in the range of (≥-0.1; ≤0.1).

		Date:	03/01/21	03/02/21	3/3/21	3/4/21	3/5/21	3/6/21	3/7/21
		Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
		Initials:	MG	MG	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SR 4.4.1.1	Description / Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (percentage)						
	Flammable Gas Channel Check DET-305-3 (LCD Reading)	NA	005	005	005	005	005	005	005
	CP-305-H (LED Reading)		005	005	005	005	005	005	005
	(DET-305-3) – (CP-305H)	Record Calculated Value	005	005	005	005	005	005	005
	(LCD Reading) (LED Reading)	≥ -0.1; ≤+0.1	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005
		Completion Time:	0701	0701	0701	0710	0701	0710	0745

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 2 of 4)

			Date:	03/01/21	03/02/21	3/3/21	3/4/21	3/5/21	3/6/21	3/7/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	[illegible]	[illegible]	@	@	[illegible]	[illegible]	[illegible]
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	South basement supply filter plenum (HVP-841) ΔP	[1]PDI-894-1	≤2.0 & > 0[1] in. wc	.02	.02	.02	.02	.02	.02	.02
		PDI-894-2	≤2.0 & > 0[1] in. wc	.49	.49	.49	.49	.49	.48	.49
4.1.3.4[2]	South Corridor supply (HVP-810) ΔP	[1]PDI-895-1	≤2.0 & > 0[1] in. wc	.03	.03	.04	.04	.04	.04	.03
		PDI-895-2	≤2.0 & > 0[1] in. wc	.69	.69	.69	.71	.71	.71	.72
4.1.3.4[2]	300 area glovebox exhaust filter plenum (FF854) ΔP	[1]PDI-817-1	≤2.0 & > 0[1] in. wc	stby	stby	STBY	STBY	STBY	STBY	STBY
		PDI-817-2	≤2.0 & > 0[1] in. wc	stby	stby	STBY	STBY	STBY	STBY	STBY
		PDI-817-4	≤2.0 & > 0[1] in. wc	stby	stby	STBY	STBY	STBY	STBY	STBY
		PDI-817-5	≤2.0 & > 0[1] in. wc	stby	stby	STBY	STBY	STBY	STBY	STBY
4.1.3.4[2]	300 area special recovery glovebox exhaust filter plenum (FF858) ΔP	PDI-819-1	≤2.0 & > 0[1] in. wc	stby	stby	STBY	STBY	STBY	STBY	STBY
		PDI-819-3	≤2.0 & > 0[1] in. wc	stby	stby	STBY	STBY	STBY	STBY	STBY
		PDI-819-4	≤2.0 & > 0[1] in. wc	stby	stby	STBY	STBY	STBY	STBY	STBY
4.1.3.4[2]	300 area glovebox exhaust filter plenum (FF855) ΔP	[1]PDI-818-1	≤2.0 & > 0[1] in. wc	.26	.26	.26	.26	.27	.27	.27
		PDI-818-2	≤2.0 & > 0[1] in. wc	.31	.31	.31	.31	.31	.31	.31
		PDI-818-4	≤2.0 & > 0[1] in. wc	.31	.31	.31	.31	.31	.31	.32
		PDI-818-5	≤2.0 & > 0[1] in. wc	.31	.31	.30	.31	.31	.31	.30
4.1.3.4[2]	300 area special recovery glovebox exhaust filter plenum (FF859) ΔP	PDI-821-1	≤2.0 & > 0[1] in. wc	.43	.43	.42	.42	.46	.46	.45
		PDI-821-3	≤2.0 & > 0[1] in. wc	.47	.47	.48	.48	.48	.48	.46
		PDI-821-4	≤2.0 & > 0[1] in. wc	.42	.42	.42	.41	.41	.41	.41

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 3 of 4)

			Date:	03/01/21	03/02/21	3/3/21	3/4/21	3/5/21	3/6/21	3/7/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	mmf	mg	@	@	ym	ym	RM
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	400 area glovebox exhaust filter plenum (FF856) ΔP	[1]PDI-822-1	≤2.0 & > 0[1] in. wc	Stby	Stby	STBY	STBY	STBY	STBY	STBY
		PDI-822-2	≤2.0 & > 0[1] in. wc	Stby	Stby	STBY	STBY	STBY	STBY	STBY
		PDI-822-4	≤2.0 & > 0[1] in. wc	Stby	Stby	STBY	STBY	STBY	STBY	STBY
		PDI-822-5	≤2.0 & > 0[1] in. wc	Stby	Stby	STBY	STBY	STBY	STBY	STBY
4.1.3.4[2]	400 area glovebox exhaust filter plenum (FF857) ΔP	[1]PDI-823-1	≤2.0 & > 0[1] in. wc	.07	.07	.08	.08	.08	.08	.08
		PDI-823-2	≤2.0 & > 0[1] in. wc	.57	.57	.58	.59	.57	.57	.55
		PDI-823-4	≤2.0 & > 0[1] in. wc	.47	.49	.49	.50	.49	.49	.50
		PDI-823—5	≤2.0 & > 0[1] in. wc	.61	.62	.62	.62	.62	.62	.62
4.1.3.4[2]	South Basement exhaust filter plenum (FF-829) ΔP	[1]PDI-830-1	≤2.0 & > 0[1] in. wc	.26	.26	.27	.29	.42	.31	.27
		PDI-830-2	≤2.0 & > 0[1] in. wc	.10	.10	.12	.13	.18	.18	.11
		PDI-830-3	≤2.0 & > 0[1] in. wc	.12	.12	.12	.19	.19	.19	.11
4.1.1.7[2]	300 area re-circulation filter plenum (HVP-805) ΔP	[1]PDI-836-1	≤2.0 & > 0[1] in. wc	.07	.07	.07	.07	.07	.07	.07
		PDI-836-2	≤2.0 & > 0[1] in. wc	.65	.66	.66	.67	.67	.67	.67
		PDI-836-3	≤2.0 & > 0[1] in. wc	.65	.67	.68	.65	.67	.67	.65
	300 area re-circulation filter plenum (HVP-806) ΔP	[1]PDI-837-1	≤2.0 & > 0[1] in. wc	.04	.04	.04	.04	.04	.04	.05
		PDI-837-2	≤2.0 & > 0[1] in. wc	.49	.48	.49	.50	.49	.49	.50
		PDI-837-3	≤2.0 & > 0[1] in. wc	.43	.43	.43	.44	.43	.43	.45

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 4 of 4)

			Date:	03/01/21	03/02/21	3/3/21	3/4/21	3/5/21	3/6/21	3/7/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.1.7[2]	400 area re-circulation filter plenum (HVP-807) ΔP	[1]PDI-838-1	≤2.0 & > 0[1] in. wc	.59	.59	.59	.59	.59	.59	.59
		PDI-838-2	≤2.0 & > 0[1] in. wc	.56	.59	.59	.58	.57	.57	.57
		PDI-838-3	≤2.0 & > 0[1] in. wc	.58	.59	.59	.59	.59	.59	.59
	400 area re-circulation filter plenum (HVP-808) ΔP	[1]PDI-839-1	≤2.0 & > 0[1] in. wc	.41	.41	.41	.42	.41	.41	.41
		PDI-839-2	≤2.0 & > 0[1] in. wc	.52	.52	.51	.52	.54	.54	.55
		PDI-839-3	≤2.0 & > 0[1] in. wc	.52	.52	.51	.52	.54	.54	.55
4.1.3.4[2]	South Bleed off filter plenum (FF-822A) ΔP	[1]PDI-810-1	≤2.0 & > 0[1] in. wc	.16	.14	.16	.16	.16	.16	.15
		PDI-810-2	≤2.0 & > 0[1] in. wc	.82	.78	.82	.84	.87	.87	.81
		PDI-810-3	≤2.0 & > 0[1] in. wc	.49	.47	.51	.51	.51	.51	.50
4.1.3.4[2]	South Bleed off filter plenum (FF-822B) ΔP	[1]PDI -811 - 1	≤2.0 & > 0[1] in. wc	off	off	OFF	OFF	off	off	Off
		PDI -811 -2	≤2.0 & > 0[1] in. wc	off	off	OFF	OFF	off	off	Off
		PDI -811 -3	≤2.0 & > 0[1] in. wc	off	off	OFF	OFF	off	off	Off
			Completion Time	0739	0715	0755	0810	0730	0732	0735
OC Operator Review and Page Count Complete (initials)				BC [illegible]	BC [illegible]	[illegible]	BC	BC [illegible]	[illegible] BC	BC [illegible]
OCS Daily Review Sign off (initials)				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[1] Non TSR requirement
[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR 4.1.3.4 apply during both Mode 1 and Mode 2 as stated in LCO 3.1.3.

Completed by: Richard J. Martinez Date 3/7/21 Time 0735 Reviewed by: PRW [signature] Date: 3/7/21 Time: 0827
On-duty Supervisor

Comments

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 1 of 5)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

			Date:	03/01/21	03/02/21	3/3/21	3/4/21	3/5/21	3/6/21	3/7/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.1.7[2]	Vault re-circulation filter plenum (HVP-811) ΔP Vault re-circulation filter plenum (HVP-812) ΔP	[1]PDI-840-1	≤2.0 & > 0[1] in. wc	.17	.17	.17	.17	STBY	STBY	STBY
		PDI-840-2	≤2.0 & > 0 in[1] wc	.54	.53	.52	.52	STBY	STBY	STBY
		PDI-840-3	≤2.0 & > 0[1] in. wc	.51	.51	.51	.50	STBY	STBY	STBY
		[1]PDI-841-1	≤2.0 & > 0[1] in. wc	stby	stby	STBY	STBY	.48	.48	.48
		PDI-841-2	≤2.0 & > 0[1] in. wc	stby	stby	STBY	STBY	.58	.58	.58
		PDI-841-3	≤2.0 & > 0[1] in. wc	stby	stby	STBY	STBY	.52	.52	.53
	200 area re-circulation filter plenum (HVP-801) ΔP	[1]PDI-831-1	≤2.0 & > 0[1] in. wc	.36	.36	~~.40~~ .36	.36	.36	.36	.36
		PDI-831-2	≤2.0 & > 0[1] in. wc	.41	.41	.41	.41	.41	.41	.42
		PDI-831-3	≤2.0 & > 0[1] in. wc	.39	.39	.40	.40	.40	.40	.40
	200 area re-circulation filter plenum (HVP-802) ΔP	[1]PDI-832-1	≤2.0 & > 0[1] in. wc	.61	.61	.61	.61	.61	.61	.61
		PDI-832-2	≤2.0 & > 0[1] in. wc	.67	.67	.68	.68	.67	.66	.68
		PDI-832-3	≤2.0 & > 0[1] in. wc	.61	.60	.61	.60	.61	.60	.60
4.1.3.4[2]	North Bleed off filter plenum (FF-820A) ΔP	[1]PDI-807-1	≤2.0 & > 0[1] in. wc	.14	.14	.14	.12	.12	.12	.12
		PDI-807-2	≤2.0 & > 0[1] in. wc	.69	.65	.68	.58	.57	.58	.59
		PDI-807-3	≤2.0 & > 0[1] in. wc	.58	.60	.50	.51	.51	.51	.51
4.1.3.4[2]	North Bleed off filter plenum (FF-820B) ΔP	[1]PDI-809-1	≤2.0 & > 0[1] in. wc	off	off	OFF	OFF	off	off	OFF
		PDI-809-2	≤2.0 & > 0[1] in. wc	off	off	OFF	OFF	off	off	OFF
		PDI-809-3	≤2.0 & > 0[1] in. wc	off	off	OFF	OFF	off	off	OFF

Attachment B-2: Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 2 of 5)

			Date:	03/01/21	03/00/21	3/3/21	3/4/21	3/5/21	3/6/21	3/7/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.3.4[2]	North Basement exhaust filter plenum (FF-828) ΔP	[1]PDI-829-1	≤2.0 & > 0[1] in. wc	.06	.05	.05	.05	.06	.06	.07
		PDI-829-2	≤2.0 & > 0[1] in. wc	.48	.48	.47	.48	.47	.46	.50
		PDI-829-3	≤2.0 & > 0[1] in. wc	.43	.45	.44	.47	.44	.44	.49
4.1.1.7[2]	100 area re-circulation filter plenum (HVP-803) ΔP	[1]PDI-833-1	≤2.0 & > 0[1] in. wc	.08	.08	.08	.08	.08	.08	.08
		PDI-833-2	≤2.0 & > 0[1] in. wc	.55	.55	.55	.55	.55	.55	.58
		PDI-833-3	≤2.0 & > 0[1] in. wc	.51	.51	.51	.51	.51	.51	.52
	100 area re-circulation filter plenum (HVP-804) ΔP	[1]PDI-835-1	≤2.0 & > 0[1] in. wc	.06	.06	.06	.06	.06	.06	.06
		PDI-835-2	≤2.0 & > 0[1] in. wc	.50	.50	.50	.50	.50	.50	.50
		PDI-835-3	≤2.0 & > 0[1] in. wc	.50	.50	.50	.50	.50	.50	.50
4.1.3.4[2]	100 area glovebox exhaust filter plenum (FF852) ΔP	[1]PDI-815-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-815-2	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-815-4	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-815-5	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
4.1.3.4[2]	100 area glovebox exhaust filter plenum (FF853) ΔP	[1]PDI-816-1	≤2.0 & > 0[1] in. wc	.41	.41	.41	.42	.42	.42	.45
		PDI-816-2	≤2.0 & > 0[1] in. wc	.52	.52	.52	.52	.52	.52	.55
		PDI-816-4	≤2.0 & > 0[1] in. wc	.50	.49	.50	.50	.50	.50	.50
		PDI-816-5	≤2.0 & > 0[1] in. wc	.52	.50	.51	.52	.52	.52	.52

Attachment B-2: Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 3 of 5)

			Date:	03/01/21	03/02/21	3/3/21	3/4/21	3/5/21	3/6/21	3/7/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	[illegible]	[illegible]	@	@	[illegible]	[illegible]	[illegible]
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF850) ΔP	[1]PDI-812-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-812-2	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-812-3	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-812-4	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-812-5	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF851) ΔP	[1]PDI-813-1	≤2.0 & > 0[1] in. wc	.06	.07	.07	.07	.07	.07	.07
		PDI-813-2	≤2.0 & > 0[1] in. wc	.23	.23	.22	.22	.22	.22	.22
		PDI-813-3	≤2.0 & > 0[1] in. wc	.19	.19	.20	.19	.18	.18	.18
		PDI-813-4	≤2.0 & > 0[1] in. wc	.26	.25	.29	.27	.27	.27	.28
		PDI-813-5	≤2.0 & > 0[1] in. wc	.29	.28	.28	.29	.29	.29	.30
4.1.3.4[2]	IFIT exhaust filter plenum (FF-865) ΔP	[1]PDI-865-1	≤2.0 & > 0[1] in. wc	.02	.01	.02	.02	.02	.02	.02
		PDI-865-2	≤2.0 & > 0[1] in. wc	.39	.38	.40	.40	.40	.40	.40
		PDI-865-3	≤2.0 & > 0[1] in. wc	.35	.33	.35	.36	.37	.37	.38
4.1.3.4[2]	IFIT supply filter plenum (HVP-863) ΔP	[1]PDI-863-1	≤2.0 & > 0[1] in. wc	.04	.04	.04	.04	.04	.04	.04
		PDI-863-2	≤2.0 & >0[1] in. wc	.31	.31	.31	.31	.31	.31	.32

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 4 of 5)

			Date:	03/01/21	03/02/21	3/3/21	3/4/21	3/5/21	3/6/21	3/7/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS						
4.1.3.4[2]	North Basement supply filter plenum (HVP-840) ΔP	[1]PDI-857-1	≤ 2.0 & > 0[1] in. wc	.10	.09	.10	.10	.10	.10	.10
		PDI-857-2	≤ 2.0 & > 0[1] in. wc	.45	.45	.46	.48	.47	.47	.45
4.1.3.4[2]	North corridor supply filter plenum (HVP-809) ΔP	[1]PDI-856-1	≤ 2.0 & > 0[1] in. wc	.02	.02	.02	.02	.02	.02	.02
		PDI-856-2	≤ 2.0 & > 0[1] in. wc	.60	.60	.60	.60	.61	.61	.60
[1]NA	**Combustible exclusion area around basement exhaust fans FE828, FE829 and bleed-off fans FE820A, FE820B, FE820C, FE822A, FE822B, FE822C**		**0 lb/ft² combustibles in designated exclusion area (within 15 feet of fans)**	Sat	Sat	SAT	SAT	SAT	SAT	SAT
4.3.2.2[2]	Room 201		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	Sat	Sat	SAT	SAT	SAT	SAT	SAT
4.3.2.2[2]	Room 204		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	Sat	Sat	SAT	SAT	SAT	SAT	SAT

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 5 of 5)

			Date:	03/01/21	03/02/21 ~~03/01/~~	3/3/21	3/4/21	3/5/21	3/6/21	3/7/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	[illegible]	[illegible]/RH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS						
4.3.2.2[2]	Room 206		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	Sat	Sat	SAT	SAT	SAT	SAT	SAT
4.3.2.2[2]	Room 207		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	Sat	Sat	SAT	SAT	SAT	SAT	SAT
			Completion time	0756	0945	0725	0740	0750	0740	0740
			OC Operator Review and Page Count Complete (initials)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			OCS Daily Review Sign off (initials)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[1] Non TSR requirement

[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR's 4.1.3.4 and 4.3.2.2 apply during both Mode 1 and Mode 2.

Note: Rooms 201, 206 & 207 **must be** entered for surveillance even if they are red lit, room 204 can be viewed through the window. Notify the Operations Center of any rooms that are unable to be entered for the performance of rounds, Operations Center will make a logbook entry recording the room(s) and reason(s) for non-entry. Document in the comments section any room(s) and reason(s) they were unable to be entered for rounds.

Completed by: [illegible] Date 3/7/21 Time 0740 Reviewed by: [illegible] Date: 3/7/21 Time: 0827

On-duty Supervisor

Comments:

Attachment C, Non-PF-4 Daily Surveillance Rounds [UET]

(Page 1 of 1)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

M&TE Calibrated Data						
Record September through April only	PF-10 Thermometer File No.:	039746	PF-10 Thermistor File No.:	105353	V-701 Thermistor File No.:	103763
	Calibration Expiration Date:	8/5/21	Calibration Expiration Date:	8/13/21	Calibration Expiration Date:	8/13/21
	PF-11 Thermometer File No.:	039745	PF-11 Thermistor File No.:	105352	V-704 Thermistor File No.:	103761
	Calibration Expiration Date:	8/11/21	Calibration Expiration Date:	8/13/21	Calibration Expiration Date:	8/13/21

PF-10 & PF-11 Pump house Room Temperature and V-701 & V-704 Fire Water Storage Tank Temperature									
Daily (September through April only)		Date:	3/1/21	3/2/21	3/3/21	3/4/21	3/5/21	03.06.21	03.07.21
		Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
		Initials:	[illegible]	[illegible]	PJC	PJC	PJC	BC	BC
SR	**Description**	**Acceptance Criteria**							
NA	ENSURE *M&TE Calibration Data* above is recorded and calibration dates have not elapsed.	Calibration dates have not elapsed.	SAT/UNSAT	SAT/UNSAT	SAT/UNSAT	SAT/UNSAT	SAT/UNSAT	SAT/UNSAT	SAT/UNSAT
4.3.1.1[1]	RECORD fire water storage tank V-701 temperature	≥ 42.1 F	53.6	53.6	54.0	54.4	53.6	54.2	54.8
4.3.1.1[1]	RECORD fire water storage tank V-704 temperature	≥ 42.1 F	52.7	54.2	53.9	53.5	52.0	51.8	51.5
4.3.1.3[1]	RECORD PF-10 room temperature	≥ 50.1 F	60.5	59.3	59.6	61.4	59.5	60.6	61.3
4.3.1.3[1]	RECORD PF-11 room temperature	≥ 50.1 F	59.7	62.1	59.8	60.1	63.1	60.5	57.9
		Completion Time:	0740	0706	0710	0717	0701	0855	0910
	OC Operator Review and Page Count Complete (initials)		BC	BC	[illegible]	BC	BC	BC	BC
	OCS Daily Review Sign off (initials)		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[1] Temperatures should be recorded using Reference Thermometer FLUKE Model 1524 connected to Thermistor Probe Fluke Model 5610-9 (or approved engineered equivalent).

Completed by: [signature] Date 03.07.2021 Time 0910

Reviewed by: [signature] Date: 3/7/21 Time: 0930
On-duty Supervisor

Comments:

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 1 of 3)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

Note: Gauge readings should be taken on rack #4 in the OC. whenever possible. Document if alternate PDIs are used.		Date:	3/8/21		3/9/21		3/10/21		03-11-21		3/12/21		3/13/21		3/14/21	
		Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
		Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
		Initials:	DH	[illegible]	DH	M	C	TS	BC	[illegible]	AM	M	DH	M	DH	M
SRs	**Description**	**Gauge Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**													
4.1.1.1 4.1.2.1[2]	**200 area glovebox exhaust header ΔP**	PDI-814-1 or PDI-814-2 ≤-1.5 in. wc[1]	-1.99	-2.00	-2.01	-2.00	-1.99	-2.01	-1.99	-2.04	-2.00	-2.01	-2.01	-2.01	-1.99	-2.00
	100 area glovebox exhaust header ΔP	PDI-820-1 or PDI-820-2 ≤-1.5 in. wc[1]	-1.88	-1.90	-1.91	-1.91	-1.90	-1.90	-1.90	-1.89	-1.90	-1.90	-1.91	-1.89	-1.91	-1.90
	300 area glovebox exhaust header ΔP	PDI-870-1 or PDI-870-2 ≤-1.5 in. wc[1]	-1.97	-1.96	-1.96	-1.96	-1.97	-1.97	-1.97	-1.95	-1.98	-1.97	-1.98	-1.96	-1.96	-1.98
	400 area glovebox exhaust header ΔP	PDI-864-1 or PDI-864-2 ≤-1.5 in. wc[1]	-1.98	-1.98	-1.97	-1.98	-1.99	-1.98	-1.98	-1.96	-1.98	-1.99	-1.99	-1.97	-1.95	-2.00
4.1.1.2 4.1.1.5[3] 4.1.2.2[2]	**200 area laboratory header ΔP**	PDI-803-1 or PDI-803-2 ≤-0.05 in. wc[1]	-0.20	-.21	-.21	-.21	-.20	-.19	-.18	0.19	-.18	-.19	-.17	-.20	-.19	-.18
	100 area laboratory header ΔP	PDI-802-1 or PDI-802-2 ≤-0.05 in. wc[1]	-0.27	-.26	-.28	-.27	-.27	-.26	-.26	0.25	-.23	-.25	-.24	-.26	-.25	-.25
	300 area laboratory header ΔP	PDI-853-1 or PDI-853-2 ≤-0.05 in. wc[1]	-0.20	-.21	-.21	-.21	-.21	-.19	-.18	0.21	-.18	-.20	-.18	-.25	-.22	-.18
	400 area laboratory header ΔP	PDI-852-1 or PDI-852-2 ≤-0.05 in. wc[1]	-0.20	-.20	-.20	-.20	-.20	-.18	-.18	0.20	-.18	-.19	-.18	-.24	-.21	-.18
	IFIT Facility ΔP	PDI-865-4 or PDI-865-5 ≤-0.05 in. wc	-0.14	-.15	-.15	-.15	-.16	-.15	-.15	0.16	-.15	-.15	-.15	-.17	-.15	-.15
4.1.1.3 4.1.2.3[2]	**North basement ΔP**	PDI-804-1 or PDI-804-2 < 0.00 in. wc	-.09	-.09	-.9	-.09	-.10	-.09	-.09	0.08	-.10	-.09	-.09	-.07	-.09	-.09
	South basement ΔP	PDI-854-1 or PDI-854-2 < 0.00 in. wc	-.09	-.09	-.09	-.08	-.09	-.09	-.09	0.08	-.09	-.09	-.09	-.08	-.09	-.09
	IRT Tunnel ΔP	PDT-901 or PDI-901 < 0.00 in. wc	-.111	-.096	-.111	-.107	-.099	-.119	-.119	0.101	-.104	-.098	-.112	-.133	-.115	-.114

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 2 of 3)

Note		Date:	3/8/21		3/9/21		3/10/21		03.11.21		3/12/21		3/13/21		3/14/21	
Readings should be taken using FCS screens FMT#151,152,201LD and 202LD. Field verification and local plenum PDI's may be used if FCS is unavailable.		Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
		Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
		Initials:	DH	M	DH	M	~	TS	EC	[illegible]	AM	M	DH	M	DH	M
SRs	**Description**	**Readings**	**Acceptance Criteria**	**SURVEILLANCE RESULTS Sat / Unsat (circle one)**												
4.1.1.6	**200 area re-circulation fan/ plenum**	FR-801 Icon red and PDT-831 ΔP >.050 or FR-802 Icon red and PDT-832 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	100 area re-circulation fan/ plenum	FR-803 Icon red and PDT-833 ΔP >.050 or FR-804 Icon red and PDT-835 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	300 area re-circulation fan/ plenum	FR-805 Icon red and PDT-836 ΔP >.050 or FR-806 Icon red and PDT-837 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	400 area re-circulation fan/ plenum	FR-807 Icon red and PDT-838 ΔP >.050 or FR-808 Icon red and PDT-839 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	Vault re-circulation fan/ plenum	FR-811 Icon red and PDT-840 ΔP >.050 or FR-812 Icon red and PDT-841 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 3 of 3)

Note Gauge readings should be taken on rack #4 in the OC when possible, local PDI equivalents may be used if necessary. Document any alternate PDIs used.				**Date:**	3/8/21		3/9/21		3/10/21		03-11-21		3/12/21		3/13/21		3/14/21	
				Weekday:	Mon		Tue		Wed		Thu		Fri		Sat		Sun	
				Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
				Initials:	DH	M	DH	M	C	TS	BZ	[illegible]	Amy	M	DH	M	DH	M
SRs	**Description**	**Area**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS** **Sat / Unsat (circle one)**													
4.1.1.4	**Glovebox exhaust header APs < laboratory APs < basement APs for areas 100, 200, 300 and 400**	200 Area	PDI-814-2 PDI-803-2 PDI-804-2	PDI-814-2 < PDI-803-2 < PDI-804-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		100 Area	PDI-820-2 PDI-802-2 PDI-804-2	PDI-820-2 < PDI-802-2 < PDI-804-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		300 Area	PDI-870-2 PDI-853-2 PDI-854-2	PDI-870-2 < PDI-853-2 < PDI-854-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		400 Area	PDI-864-2 PDI-852-2 PDI-854-2	PDI-864-2 < PDI-852-2 < PDI-854-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		Completion Time			0730	1929	0728	1926	0717	1918	0715	1918	0729	1919	0730	1924	0730	1929
		OCS Daily Review Sign off (initials)			AMD	[illegible]	Amy	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Amy	[illegible]

[1] Mode 2 acceptance criteria is < 0.00 in. wc.

[2] SRs 4.1.2.x only apply during Mode 2 in accordance with LCO 3.1.2.

[3] SRs 4.1.1.5 is only applicable when MAR is in the IFIT Facility

Completed by: [signature] Date: 3/14/21 Time: 1929 Reviewed by: [signature] Date: 3/14/21 Time: 1940

On-duty Supervisor

Comments: _____

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 1 of 4)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

SR 4.4.1.1, The OPERABILITY acceptance criterion for this surveillance is:
The FLAMMABLE GAS detector in the FSTF FLAMMABLE GAS SOURCE storage cabinet is exposed to the ambient atmosphere in the storage cabinet. The gas concentration readout directly on the detector in the storage cabinet is compared with the gas concentration readout on the system control and alarm panel. The difference between the two readings is checked to VERIFY it is in the range of (≥-0.1; ≤0.1).

		Date:	3/8/21	3/9/21	3/10/21	3/11/21	3/12/21	3/13/21	3/14/21
		Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
		Initials:	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	MV	[illegible]
	Description / Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (percentage)						
SR 4.4.1.1	**Flammable Gas Channel Check DET-305-3 (LCD Reading)**	NA	005	005	005	005	005	005	005
	CP-305-H (LED Reading)		005	005	005	005	005	005	005
	(DET-305-3) – (CP-305H) (LCD Reading) (LED Reading)	Record Calculated Value	005	005	005	005	005	605	005
		≥ -0.1; ≤+0.1	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005
		Completion Time:	0706	0705	0705	0740	0740	0700	0745

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 2 of 4)

			Date:	3/8/21	3/9/21	3/10/21	3/11/21	3/12/21	3/13/21	3/14/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	@	@	TL	TL	RH	MV	RM
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.3.4[2]	South basement supply filter plenum (HVP-841) ΔP	[1]PDI-894-1	≤2.0 & > 0[1] in. wc	.02	.02	.02	.02	.02	.02	.02
		PDI-894-2	≤2.0 & > 0[1] in. wc	.48	.49	.47	.48	.48	.48	.45
4.1.3.4[2]	South Corridor supply (HVP-810) ΔP	[1]PDI-895-1	≤2.0 & > 0[1] in. wc	.04	.04	.04	.04	.04	.04	.03
		PDI-895-2	≤2.0 & > 0[1] in. wc	.72	.69	.69	.70	.69	.69	.70
4.1.3.4[2]	300 area glovebox exhaust filter plenum (FF854) ΔP	[1]PDI-817-1	≤2.0 & > 0[1] in. wc	STBY	.30	.30	.30	.29	.29	.30
		PDI-817-2	≤2.0 & > 0[1] in. wc	STBY	.30	.31	.31	.30	.31	.30
		PDI-817-4	≤2.0 & > 0[1] in. wc	STBY	.32	.32	.32	.32	.32	.35
		PDI-817-5	≤2.0 & > 0[1] in. wc	STBY	.32	.34	.34	.30	.31	.32
4.1.3.4[2]	300 area special recovery glovebox exhaust filter plenum (FF858) ΔP	PDI-81 9-1	≤2.0 & > 0[1] in. wc	STBY	.48	.48	.46	.46	.46	.46
		PDI-81 9-3	≤2.0 & > 0[1] in. wc	STBY	.46	.45	.45	.45	.45	.47
		PDI-819-4	≤2.0 & > 0[1] in. wc	STBY	.40	.40	.40	.40	.40	.40
4.1.3.4[2]	300 area glovebox exhaust filter plenum (FF855) ΔP	[1]PDI-818-1	≤2.0 & > 0[1] in. wc	.26	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-818-2	≤2.0 & > 0[1] in. wc	.32	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-818-4	≤2.0 & > 0[1] in. wc	.32	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-818-5	≤2.0 & > 0[1] in. wc	.30	STBY	STBY	STBY	STBY	STBY	STBY
4.1.3.4[2]	300 area special recovery glovebox exhaust filter plenum (FF859) ΔP	PDI-821-1	≤2.0 & > 0[1] in. wc	.42	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-821-3	≤2.0 & > 0[1] in. wc	.48	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-821-4	≤2.0 & > 0[1] in. wc	.42	STBY	STBY	STBY	STBY	STBY	STBY

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 3 of 4)

			Date:	3/8/21	3/9/21	3/10/21	3/11/21	3/12/21	3/13/21	3/14/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:							
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	400 area glovebox exhaust filter plenum (FF856) ΔP	[1]PDI-822-1	≤2.0 & > 0[1] in. wc	STBY	.05	.11	.11	.13	.11	.12
		PDI-822-2	≤2.0 & > 0[1] in. wc	STBY	.59	.59	.58	.58	.58	.60
		PDI-822-4	≤2.0 & > 0[1] in. wc	STBY	.41	.42	.42	.44	.42	.43
		PDI-822-5	≤2.0 & > 0[1] in. wc	STBY	.58	.58	.57	.58	.58	.58
4.1.3.4[2]	400 area glovebox exhaust filter plenum (FF857) ΔP	[1]PDI-823-1	≤2.0 & > 0[1] in. wc	.08	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-823-2	≤2.0 & > 0[1] in. wc	.57	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-823-4	≤2.0 & > 0[1] in. wc	.48	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-823—5	≤2.0 & > 0[1] in. wc	.62	STBY	STBY	STBY	STBY	STBY	STBY
4.1.3.4[2]	South Basement exhaust filter plenum (FF-829) ΔP	[1]PDI-830-1	≤2.0 & > 0[1] in. wc	.25	.25	.28	.32	.25	.30	.26
		PDI-830-2	≤2.0 & > 0[1] in. wc	.05	.05	.08	.10	.10	.10	.10
		PDI-830-3	≤2.0 & > 0[1] in. wc	.06	.06	.06	.12	.11	.11	.11
4.1.1.7[2]	300 area re-circulation filter plenum (HVP-805) ΔP	[1]PDI-836-1	≤2.0 & > 0[1] in. wc	.07	.06	.07	.07	.07	.07	.07
		PDI-836-2	≤2.0 & > 0[1] in. wc	.68	.68	.68	.68	.66	.68	.65
		PDI-836-3	≤2.0 & > 0[1] in. wc	.68	.68	.68	.68	.68	.68	.68
	300 area re-circulation filter plenum (HVP-806) ΔP	[1]PDI-837-1	≤2.0 & > 0[1] in. wc	.04	.04	.04	.04	.04	.04	.04
		PDI-837-2	≤2.0 & > 0[1] in. wc	.49	.49	.49	.49	.49	.49	.49
		PDI-837-3	≤2.0 & > 0[1] in. wc	.46	.42	.42	.42	.42	.42	.42

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 4 of 4)

			Date:	3/8/21	3/9/21	3/10/21	3/11/21	3/12/21	3/13/21	3/14/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.1.7[2]	400 area re-circulation filter plenum (HVP-807) AP	[1]PDI-838-1	≤2.0 & > 0[1] in. wc	.58	.59	.59	.59	.58	.59	.58
		PDI-838-2	≤2.0 & > 0[1] in. wc	.56	.60	.59	.60	.60	.58	.59
		PDI-838-3	≤2.0 & > 0[1] in. wc	.58	.60	.60	.60	.60	.59	.60
	400 area re-circulation filter plenum (HVP-808) AP	[1]PDI-839-1	≤2.0 & > 0[1] in. wc	.42	.42	.40	.42	.41	.40	.41
		PDI-839-2	≤2.0 & > 0[1] in. wc	.62	.52	.52	.53	.51	.51	.52
		PDI-839-3	≤2.0 & > 0[1] in. wc	.52	.52	.52	.52	.51	.51	.52
4.1.3.4[2]	South Bleed off filter plenum (FF-822A) AP	[1]PDI-810-1	≤2.0 & > 0[1] in. wc	.14	.16	.16	.15	.16	.16	.18
		PDI-810-2	≤2.0 & > 0[1] in. wc	.85	.85	.85	.82	.86	.85	.90
		PDI-810-3	≤2.0 & > 0[1] in. wc	.50	.51	.51	.50	.51	.51	.52
4.1.3.4[2]	South Bleed off filter plenum (FF-822B) AP	[1]PDI -811 - 1	≤2.0 & > 0[1] in. wc	OFF	OFF	OFF	OFF	OFF	off	OFF
		PDI -811 -2	≤2.0 & > 0[1] in. wc	OFF	OFF	OFF	OFF	OFF	off	OFF
		PDI -811 -3	≤2.0 & > 0[1] in. wc	OFF	OFF	OFF	OFF	OFF	off	OFF
			Completion Time	0755	0805	0928	0855	.0733	0705	0725
OC Operator Review and Page Count Complete (initials)				DH	DH	[illegible] BL	[illegible] BL	DH	DH	DH
OCS Daily Review Sign off (initials)				ARJ	ARJ	MJW	ARJ	ARJ	[illegible]	ARJ

[1] Non TSR requirement
[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR 4.1.3.4 apply during both Mode 1 and Mode 2 as stated in LCO 3.1.3.

Completed by: [illegible] Date: 3/14/21 Time: 0725 Reviewed by: [illegible] JAURIGUE Date: 3/14/21 Time: 1000
On-duty Supervisor

Comments 4.4.1.1 off - Awaiting Calibration

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 1 of 5)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

			Date:	3/8/21	3/9/21	3/10/21	3/11/21	3/12/21	03/13/21	3/14/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	[A]	[A]	TL	TL	RH	[illegible]	[illegible]
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.1.7[2]	Vault re-circulation filter plenum (HVP-811) ΔP	[1]PDI-840-1	≤2.0 & > 0[1] in. wc	.48	STBY	STBY	STBY	~~STBY~~	~~STBY~~	STBY
		PDI-840-2	≤2.0 & > 0 in[1]. wc	.59	STBY	STBY	STBY	~~STBY~~	~~STBY~~	STBY
		PDI-840-3	≤2.0 & > 0[1] in. wc	.52	STBY	STBY	STBY	~~STBY~~	~~STBY~~	STBY
	Vault re-circulation filter plenum (HVP-812) ΔP	[1]PDI-841-1	≤2.0 & > 0[1] in. wc	STBY	.48	.48	.48	.48	.48	.48
		PDI-841-2	≤2.0 & > 0[1] in. wc	STBY	.59	.59	.59	.60	.59	.59
		PDI-841-3	≤2.0 & > 0[1] in. wc	STBY	.52	.52	.52	.51	.51	.53
	200 area re-circulation filter plenum (HVP-801) ΔP	[1]PDI-831-1	≤2.0 & > 0[1] in. wc	@ 3-8-21 .40 .36	.36	.36	.36	.36	.36	.36
		PDI-831-2	≤2.0 & > 0[1] in. wc	.42	.42	.42	.42	.41	.41	.42
		PDI-831-3	≤2.0 & > 0[1] in. wc	.40	.40	.40	.39	.40	.39	.40
	200 area re-circulation filter plenum (HVP-802) ΔP	[1]PDI-832-1	≤2.0 & > 0[1] in. wc	.60	.62	.60	.61	.61	.61	.61
		PDI-832-2	≤2.0 & > 0[1] in. wc	.68	.68	.68	.68	.68	.68	.68
		PDI-832-3	≤2.0 & > 0[1] in. wc	.60	.61	.60	.60	.60	.61	.60
4.1.3.4[2]	North Bleed off filter plenum (FF-820A) ΔP	[1]PDI-807-1	≤2.0 & > 0[1] in. wc	.12	.12	.12	.12	~~OFF~~	~~OFF~~	OFF
		PDI-807-2	≤2.0 & > 0[1] in. wc	.60	.58	.59	.59	~~OFF~~	~~OFF~~	OFF
		PDI-807-3	≤2.0 & > 0[1] in. wc	.51	.50	.51	.51	~~OFF~~	~~OFF~~	OFF
4.1.3.4[2]	North Bleed off filter plenum (FF-820B) ΔP	[1]PDI-809-1	≤2.0 & > 0[1] in. wc	OFF	OFF	OFF	OFF	.08	.07	.08
		PDI-809-2	≤2.0 & > 0[1] in. wc	OFF	OFF	OFF	OFF	.55	.57	.59
		PDI-809-3	≤2.0 & > 0[1] in. wc	OFF	OFF	OFF	OFF	.51	.51	.54

Attachment B-2: Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 2 of 5)

			Date:	3/8/21	3/9/21	3/10/21	3/11/21	3/12/21	3/13/21	3/14/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	North Basement exhaust filter plenum (FF-828) ΔP	[1]PDI-829-1	≤2.0 & > 0[1] in. wc	.06	.06	.07	.07	.04	.06	.07
		PDI-829-2	≤2.0 & > 0[1] in. wc	.50	.50	.51	.52	.50	.48	.50
		PDI-829-3	≤2.0 & > 0[1] in. wc	.48	.49	.50	.50	.49	.45	.49
4.1.1.7[2]	100 area re-circulation filter plenum (HVP-803) ΔP	[1]PDI-833-1	≤2.0 & > 0[1] in. wc	.08	.08	.08	.08	.08	.08	.08
		PDI-833-2	≤2.0 & > 0[1] in. wc	.58	.58	.58	.58	.58	.53	.54
		PDI-833-3	≤2.0 & > 0[1] in. wc	.52	.53	.51	.52	.51	.51	.51
	100 area re-circulation filter plenum (HVP-804) ΔP	[1]PDI-835-1	≤2.0 & > 0[1] in. wc	.06	.06	.06	.06	.04	.05	.06
		PDI-835-2	≤2.0 & > 0[1] in. wc	.50	.49	.50	.50	.50	.50	.50
		PDI-835-3	≤2.0 & > 0[1] in. wc	.50	.50	.50	.50	.50	.51	.50
4.1.3.4[2]	100 area glovebox exhaust filter plenum (FF852) ΔP	[1]PDI-815-1	≤2.0 & > 0[1] in. wc	STBY	.40	.12	.12	STBY	stby	STBY
		PDI-815-2	≤2.0 & > 0[1] in. wc	STBY	.50	.50	.50	STBY	stby	STBY
		PDI-815-4	≤2.0 & > 0[1] in. wc	STBY	.48	.46	.46	STBY	stby	STBY
		PDI-815-5	≤2.0 & > 0[1] in. wc	STBY	.49	.48	.48	STBY	stby	STBY
4.1.3.4[2]	100 area glovebox exhaust filter plenum (FF853) ΔP	[1]PDI-816-1	≤2.0 & > 0[1] in. wc	.41	STBY	STBY	STBY	.41	.41	.42
		PDI-816-2	≤2.0 & > 0[1] in. wc	.52	STBY	STBY	STBY	.55	.55	.55
		PDI-816-4	≤2.0 & > 0[1] in. wc	.50	STBY	STBY	STBY	.50	.50	.50
		PDI-816-5	≤2.0 & > 0[1] in. wc	.52	STBY	STBY	STBY	.51	.51	.52

Attachment B-2: Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 3 of 5)

			Date:	3/8/21	3/9/21	3/10/21	3/11/21	3/12/21	03/13/21	3/14/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF850) ΔP	[1]PDI-812-1	≤2.0 & > 0[1] in. wc	STBY	.07	.13	.13	STBY	STBY	STBY
		PDI-812-2	≤2.0 & > 0[1] in. wc	STBY	.30	.30	.30	STBY	STBY	STBY
		PDI-812-3	≤2.0 & > 0[1] in. wc	STBY	.29	.30	.30	STBY	STBY	STBY
		PDI-812-4	≤2.0 & > 0[1] in. wc	STBY	.29	.29	.29	STBY	STBY	STBY
		PDI-812-5	≤2.0 & > 0[1] in. wc	STBY	.32	.32	.32	STBY	STBY	STBY
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF851) ΔP	[1]PDI-813-1	≤2.0 & > 0[1] in. wc	.07	STBY	STBY	STBY	.08	.08	.08
		PDI-813-2	≤2.0 & > 0[1] in. wc	.22	STBY	STBY	STBY	.28	.28	.25
		PDI-813-3	≤2.0 & > 0[1] in. wc	.20	STBY	STBY	STBY	.20	.22	.21
		PDI-813-4	≤2.0 & > 0[1] in. wc	.26	STBY	STBY	STBY	.28	.27	.28
		PDI-813-5	≤2.0 & > 0[1] in. wc	.30	STBY	STBY	STBY	.30	.30	.31
4.1.3.4[2]	IFIT exhaust filter plenum (FF-865) ΔP	[1]PDI-865-1	≤2.0 & > 0[1] in. wc	.02	.02	.02	.02	.02	.02	.02
		PDI-865-2	≤2.0 & > 0[1] in. wc	.40	.40	.40	.40	.39	.39	.40
		PDI-865-3	≤2.0 & > 0[1] in. wc	.36	.36	.36	.36	.33	.33	.37
4.1.3.4[2]	IFIT supply filter plenum (HVP-863) ΔP	[1]PDI-863-1	≤2.0 & > 0[1] in. wc	.03	.04	.04	.04	.04	.05	.05
		PDI-863-2	≤2.0 & >0[1] in. wc	.32	.32	.32	.32	.31	.32	.32

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 4 of 5)

			Date:	3/8/21	3/9/21	3/10/21	3/11/21	3/12/21	3/13/21	3/14/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	@	@	YL	YL	RH	[illegible]	[illegible]
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS**						
4.1.3.4[2]	North Basement supply filter plenum (HVP-840) ΔP	[1]PDI-857-1	≤ 2.0 & > 0[1] in. wc	.10	.10	.10	.10	.10	.04	.10
		PDI-857-2	≤2.0 & > 0[1] in. wc	.48	.48	.48	.48	.47	.47	.43
4.1.3.4[2]	North corridor supply filter plenum (HVP-809) ΔP	[1]PDI-856-1	≤2.0 & > 0[1] in. wc	.03	.02	.03	.03	.04	.04	.03
		PDI-856-2	≤2.0 & > 0[1] in. wc	.60	.60	.60	.60	.65	.65	.65
[1]NA	**Combustible exclusion area around basement exhaust fans FE828, FE829 and bleed-off fans FE820A, FE820B, FE820C, FE822A, FE822B, FE822C**		**0 lb/ft² combustibles in designated exclusion area (within 15 feet of fans)**	SAT	SAT	Sat	Sat	SAT	Sat	SAT
4.3.2.2[2]	Room 201		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	SAT	Sat	Sat	SAT	Sat	SAT
4.3.2.2[2]	Room 204		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	SAT	Sat	Sat	SAT	Sat	SAT

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 5 of 5)

			Date:	3/8/21	3/9/21	3/10/21	3/11/21	3/12/21	03/13/21	3/14/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS						
4.3.2.2[2]	Room 206		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	SAT	Sat	Sat	SAT	Sat	SAT
4.3.2.2[2]	Room 207		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	SAT	Sat	Unsat	SAT	Sat	SAT
			Completion time	0815	0830	0928	0855	0748	0720	0735
			OC Operator Review and Page Count Complete (initials)	DH	DH	< BC	BC <	DH	DH	DH
			OCS Daily Review Sign off (initials)	ARJ	ARJ	MJW	ARJ	ARJ	RAD	ARJ

[1] Non TSR requirement

[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR's 4.1.3.4 and 4.3.2.2 apply during both Mode 1 and Mode 2.

Note: Rooms 201, 206 & 207 **must be** entered for surveillance even if they are red lit, room 204 can be viewed through the window. Notify the Operations Center of any rooms that are unable to be entered for the performance of rounds, Operations Center will make a logbook entry recording the room(s) and reason(s) for non-entry. Document in the comments section any room(s) and reason(s) they were unable to be entered for rounds.

Completed by: Richard Imaginey Date 3/14/21 Time 0735 Reviewed by [signature] On-duty Supervisor Date: 3/31/21 Time: 2140

Comments: 4.3.2.2 Room 207 in front of GB226 Clear plastic folder with Box Criticality information.

Attachment C, Non-PF-4 Daily Surveillance Rounds [UET]

(Page 1 of 1)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

M&TE Calibrated Data						
Record September through April only	PF-10 Thermometer File No.:	039746	PF-10 Thermistor File No.:	105353	V-701 Thermistor File No.:	103763
	Calibration Expiration Date:	8/5/21	Calibration Expiration Date:	8/13/21	Calibration Expiration Date:	8/13/21
	PF-11 Thermometer File No.:	039745	PF-11 Thermistor File No.:	105352	V-704 Thermistor File No.:	703761
	Calibration Expiration Date:	8/11/21	Calibration Expiration Date:	8/13/21	Calibration Expiration Date:	8/13/21

PF-10 & PF-11 Pump house Room Temperature and V-701 & V-704 Fire Water Storage Tank Temperature									
Daily (September through April only)		Date:	3/8/21	3/9/21	3/10/21	3/11/21	3/12/21	3/13/21	3/14/21
		Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
		Initials:		PJC		ZH	PJC		DH
SR	**Description**	**Acceptance Criteria**							
NA	ENSURE *M&TE Calibration Data* above is recorded and calibration dates have not elapsed	Calibration dates have not elapsed	SAT/UNSAT	SAT/UNSAT	SAT/UNSAT	SAT/UNSAT	SAT/UNSAT	SAT/UNSAT	SAT/UNSAT
4.3.1.1[1]	RECORD fire water storage tank V-701 temperature	≥ 42 ↓ F	54.5	54.5	54	52.7	53.5	53.9	52.3
4.3.1.1[1]	RECORD fire water storage tank V-704 temperature	≥ 42 ↓ F	51.2	51.3	50.6	50.8	50.7	50.6	50.5
4.3.1.3[1]	RECORD PF-10 room temperature	≥ 50 ↓ F	62.4	62.4	59.9	59.4	61.5	58.8	62.9
4.3.1.3[1]	RECORD PF-11 room temperature	≥ 50 ↓ F	59.2	64.5	63	62.3	63.7	64.6	65.1
		Completion Time	0803	0711	0714	0804	0701	0956	1002
		OC Operator Review and Page Count Complete (initials)		DH		BC	DH	DH	AB
		OCS Daily Review Sign off (initials)	AR	AB	MW	AB	AB	AB	AB

[1] Temperatures should be recorded using Reference Thermometer FLUKE Model 1524 connected to Thermistor Probe Fluke Model 5610-9 (or approved engineered equivalent).

Completed by: D. HEINTSCH Date 3/14/21 Time 1002

Reviewed by: A. JAUREGUI Date: 3/14/21 Time: 1015
On-duty Supervisor

Comments:

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 1 of 3)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

Note: Gauge readings should be taken on rack #4 in the OC. whenever possible. Document if alternate PDIs are used.		Date:	3-15-21		3-16-21		3/17/21		3/18/21		3-19-21		3/20/21		3-21-21	
		Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
		Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
		Initials:	JSC	BC	JSC	BC	OH	[illegible]	OH	M	JSC	[illegible]	[illegible]	BC	JSC	BC
SRs	**Description**	**Gauge Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**													
4.1.1.1 4.1.2.1[2]	200 area glovebox exhaust header ΔP	PDI-814-1 or PDI-814-2 ≤-1.5 in. wc[1]	-2.00	-2.01	-2.01	-2.01	-1.99	-2.04	-2.02	-1.99	-2.01	-2.02	-2.01	-2.01	-2.02	-2.02
	100 area glovebox exhaust header ΔP	PDI-820-1 or PDI-820-2 ≤-1.5 in. wc[1]	-1.89	-1.90	3-16-21 JSC -1.90	-1.90	-1.89	-1.90	-1.91	-1.90	-1.90	-1.89	-1.88	-1.89	-1.91	-1.91
	300 area glovebox exhaust header ΔP	PDI-870-1 or PDI-870-2 ≤-1.5 in. wc[1]	-1.97	-1.96	-1.96	-1.98	-1.97	-1.97	-1.96	-1.96	-1.97	-1.96	-1.96	-1.96	-1.95	-1.98
	400 area glovebox exhaust header ΔP	PDI-864-1 or PDI-864-2 ≤-1.5 in. wc[1]	-1.99	-1.97	-1.97	-1.98	-1.98	-1.97	-1.98	-1.98	-1.98	-1.95	-1.97	-1.98	-1.98	-2.00
4.1.1.2 4.1.1.5[3] 4.1.2.2[2]	200 area laboratory header ΔP	PDI-803-1 or PDI-803-2 ≤-0.05 in. wc[1]	-0.20	-.19	-0.18	-.17	-0.19	-0.18	-0.19	-.20	-0.18	-.20	-0.19	-.21	-0.20	-.19
	100 area laboratory header ΔP	PDI-802-1 or PDI-802-2 ≤-0.05 in. wc[1]	-0.23	-.26	-0.25	-.24	-0.25	-0.25	-0.26	-.27	-0.25	-.26	-0.26	-.28	-0.27	-.26
	300 area laboratory header ΔP	PDI-853-1 or PDI-853-2 ≤-0.05 in. wc[1]	-0.20	-.20	-0.19	-.19	-0.19	-0.18	-0.19	-.21	-0.19	-.20	-0.20	-.20	-0.22	-.18
	400 area laboratory header ΔP	PDI-852-1 or PDI-852-2 ≤-0.05 in. wc[1]	-0.19	-.19	-0.19	-.18	-0.18	-0.18	-0.20	-.20	-0.19	-.20	-0.20	-.19	-0.21	-.17
	IFIT Facility ΔP	PDI-865-4 or PDI-865-5 ≤-0.05 in. wc	-0.14	-.15	-0.15	-.15	-0.15	-0.15	-0.15	-.15	-0.15	-.16	-0.15	-.14	-0.15	-.15
4.1.1.3 4.1.2.3[2]	North basement ΔP	PDI-804-1 or PDI-804-2 < 0.00 in. wc	-0.09	-.09	-0.09	-.10	-0.09	-0.09	-0.09	-.09	-0.04	-.10	-0.09	-.09	-0.09	-.09
	South basement ΔP	PDI-854-1 or PDI-854-2 < 0.00 in. wc	-0.09	-.09	-0.09	-.10	-0.09	-0.09	-0.09	-.09	-0.10	-.09	-0.09	-.08	-0.09	-.09
	IRT Tunnel ΔP	PDT-901 or PDI-901 < 0.00 in. wc	-0.109	-.110	-0.116	-.102	-0.110	-0.115	-0.110	-.108	-0.122	-.099	-0.113	-.096	-0.109	-.109

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 2 of 3)

Note: Readings should be taken using FCS screens FMT#151,152,201LD and 202LD. Field verification and local plenum PDI's may be used if FCS is unavailable.		Date:	3-15-21		3-16-21		3/17/21		3/18/21		3-19-21		3/20/21		3-21-21	
		Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
		Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
		Initials:	JSL	EC	JSL	BL	DH	DH	DH	M	JSL	S		BL	JSL	BL
SRs	**Description**	**Readings**	**Acceptance Criteria**	**SURVEILLANCE RESULTS Sat / Unsat (circle one)**												
4.1.1.6	**200 area re-circulation fan/ plenum**	FR-801 Icon red and PDT-831 ΔP >.050 or FR-802 Icon red and PDT-832 ΔP >.050	At least one fan/plenum is in service	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat
	100 area re-circulation fan/ plenum	FR-803 Icon red and PDT-833 ΔP >.050 or FR-804 Icon red and PDT-835 ΔP >.050	At least one fan/plenum is in service	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat
	300 area re-circulation fan/ plenum	FR-805 Icon red and PDT-836 ΔP >.050 or FR-806 Icon red and PDT-837 ΔP >.050	At least one fan/plenum is in service	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat
	400 area re-circulation fan/ plenum	FR-807 Icon red and PDT-838 ΔP >.050 or FR-808 Icon red and PDT-839 ΔP >.050	At least one fan/plenum is in service	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat
	Vault re-circulation fan/ plenum	FR-811 Icon red and PDT-840 ΔP >.050 or FR-812 Icon red and PDT-841 ΔP >.050	At least one fan/plenum is in service	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 3 of 3)

Note Gauge readings should be taken on rack #4 in the OC when possible, local PDI equivalents may be used if necessary. Document any alternate PDIs used.				**Date:**	3-15-21		3-16-21		3/17/21		3/18/21		3-19-21		3/20/21		3-21-21	
				Weekday:	Mon		Tue		Wed		Thu		Fri		Sat		Sun	
				Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
				Initials:	JSL	EC	JSL	EC	DH	[illegible]	DH	M	JSL	[illegible]	[illegible]	BL	JSL	BL
SRs	**Description**	**Area**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS** **Sat / Unsat (circle one)**													
4.1.1.4	**Glovebox exhaust header APs < laboratory APs < basement APs for areas 100, 200, 300 and 400**	200 Area	PDI-814-2 PDI-803-2 PDI-804-2	PDI-814-2 < PDI-803-2 < PDI-804-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		100 Area	PDI-820-2 PDI-802-2 PDI-804-2	PDI-820-2 < PDI-802-2 < PDI-804-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		300 Area	PDI-870-2 PDI-853-2 PDI-854-2	PDI-870-2 < PDI-853-2 < PDI-854-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		400 Area	PDI-864-2 PDI-852-2 PDI-854-2	PDI-864-2 < PDI-852-2 < PDI-854-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		Completion Time			0710	1914	0702	1917	0727	1938	0727	1930	0715	1914	0717	1910	0718	1912
		OCS Daily Review Sign off (initials)			[illegible]	[illegible]	[illegible]	[illegible]	APS	APS	APS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[1] Mode 2 acceptance criteria is < 0.00 in. wc.

[2] SRs 4.1.2.x only apply during Mode 2 in accordance with LCO 3.1.2.

[3] SRs 4.1.1.5 is only applicable when MAR is in the IFIT Facility

Completed by: [illegible] Date 3-21-21 Time 1912 Reviewed by: [illegible] Date: 3/21/21 Time: 1939

On-duty Supervisor

Comments: _____

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 1 of 4)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

SR 4.4.1.1, The OPERABILITY acceptance criterion for this surveillance is:
The FLAMMABLE GAS detector in the FSTF FLAMMABLE GAS SOURCE storage cabinet is exposed to the ambient atmosphere in the storage cabinet. The gas concentration readout directly on the detector in the storage cabinet is compared with the gas concentration readout on the system control and alarm panel. The difference between the two readings is checked to VERIFY it is in the range of (≥-0.1; ≤0.1).

		Date:	3/15/21	3-16-21	3-17-21	3-18-21	3-19-21	03/20/21	03/21/21
		Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
		Initials:	R	R	R	R	R	WS	WS
	Description / Gauge	Acceptance Criteria	**SURVEILLANCE RESULTS (percentage)**						
SR 4.4.1.1	**Flammable Gas Channel Check DET-305-3 (LCD Reading)**	NA	005	005	005	005	005	005	005
	CP-305-H (LED Reading)		005	005	005	005	005	005	005
	(DET-305-3) – (CP-305H)	Record Calculated Value	005	005	005	008	005	005	005
	(LCD Reading) (LED Reading)	≥ -0.1; ≤+0.1	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 008	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005
		Completion Time:	0705	0702	0701	0703	0701	0845	0905

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 2 of 4)

			Date:	3/15/21	3-16-21	3-17-21	3-18-21	3-19-21	03/20/21	03/21/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	R	R	R	R	R	MH	MH
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.3.4[2]	South basement supply filter plenum (HVP-841) ΔP	[1]PDI-894-1	≤2.0 & > 0[1] in. wc	.02	.02	.02	.02	.03	.03	.03
		PDI-894-2	≤2.0 & > 0[1] in. wc	.48	.48	.49	.49	.49	.48	.48
4.1.3.4[2]	South Corridor supply (HVP-810) ΔP	[1]PDI-895-1	≤ 2.0 & > 0[1] in. wc	.03	.04	.05	.05	.04	.04	.04
		PDI-895-2	≤2.0 & > 0[1] in. wc	.69	.70	.70	.69	.69	.69	.70
4.1.3.4[2]	300 area glovebox exhaust filter plenum (FF854) ΔP	[1]PDI-817-1	≤2.0 & > 0[1] in. wc	.29	.29	.29	.29	.30	.29	.29
		PDI-817-2	≤2.0 & > 0[1] in. wc	.30	.30	.30	.30	.31	.31	.30
		PDI-817-4	≤2.0 & > 0[1] in. wc	.32	.32	.32	.32	.32	.32	.32
		PDI-817-5	≤2.0 & > 0[1] in. wc	.30	.31	.32	.31	.31	.31	.31
4.1.3.4[2]	300 area special recovery glovebox exhaust filter plenum (FF858) ΔP	PDI-81 9-1	≤2.0 & > 0[1] in. wc	.42	.40	.42	.42	.42	.42	.42
		PDI-81 9-3	≤2.0 & > 0[1] in. wc	.42	.43	.42	.43	.48	.44	.44
		PDI-819-4	≤2.0 & > 0[1] in. wc	.40	.40	.40	.39	.40	.39	.39
4.1.3.4[2]	300 area glovebox exhaust filter plenum (FF855) ΔP	[1]PDI-818-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-818-2	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-818-4	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-818-5	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
4.1.3.4[2]	300 area special recovery glovebox exhaust filter plenum (FF859) ΔP	PDI-821-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-821-3	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-821-4	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 3 of 4)

			Date:	3/15/21	3-16-21	3-17-21	3-18-21	3-19-21	03/20/21	03/21/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	400 area glovebox exhaust filter plenum (FF856) ΔP	[1]PDI-822-1	≤2.0 & > 0[1] in. wc	.06	.05	.05	.05	.05	.10	.10
		PDI-822-2	≤2.0 & > 0[1] in. wc	.58	.59	.59	.60	.58	.59	.60
		PDI-822-4	≤2.0 & > 0[1] in. wc	.42	.42	.41	.42	.42	.42	.42
		PDI-822-5	≤2.0 & > 0[1] in. wc	.58	.59	.58	.58	.59	.58	.58
4.1.3.4[2]	400 area glovebox exhaust filter plenum (FF857) ΔP	[1]PDI-823-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	stby	stby
		PDI-823-2	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	stby	stby
		PDI-823-4	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	stby	stby
		PDI-823—5	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	stby	stby
4.1.3.4[2]	South Basement exhaust filter plenum (FF-829) ΔP	[1]PDI-830-1	≤2.0 & > 0[1] in. wc	.26	.27	.26	.26	.25	.28	.28
		PDI-830-2	≤2.0 & > 0[1] in. wc	.05	.05	.05	.05	.05	.10	.10
		PDI-830-3	≤2.0 & > 0[1] in. wc	.06	.07	.06	.06	.05	.12	.12
4.1.1.7[2]	300 area re-circulation filter plenum (HVP-805) ΔP	[1]PDI-836-1	≤2.0 & > 0[1] in. wc	.06	.07	.07	.07	.08	.06	.06
		PDI-836-2	≤2.0 & > 0[1] in. wc	.65	.66	.68	.68	.68	.69	.68
		PDI-836-3	≤2.0 & > 0[1] in. wc	.68	.68	.68	.68	.69	.69	.69
	300 area re-circulation filter plenum (HVP-806) ΔP	[1]PDI-837-1	≤2.0 & > 0[1] in. wc	.04	.04	.04	.04	.04	.04	.04
		PDI-837-2	≤2.0 & > 0[1] in. wc	.49	.49	.49	.49	.49	.49	.50
		PDI-837-3	≤2.0 & > 0[1] in. wc	.42	.42	.42	.42	.42	.43	.43

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 4 of 4)

			Date:	3/15/21	3-16-21	3-17-21	3-18-21 3-18-21	3-19-21	03/20/21	3/21/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	R	R	R	R	R	MM	MM
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.1.7[2]	400 area re-circulation filter plenum (HVP-807) AP	[1]PDI-838-1	≤2.0 & > 0[1] in. wc	.58	.58	.59	.60	.59	.59	.59
		PDI-838-2	≤2.0 & > 0[1] in. wc	.60	.59	.60	.59	.60	.59	.59
		PDI-838-3	≤2.0 & > 0[1] in. wc	.60	.59	.60	.60	.60	.59	.59
	400 area re-circulation filter plenum (HVP-808) AP	[1]PDI-839-1	≤2.0 & > 0[1] in. wc	.42	.41	.42	.42	.42	.42	.42
		PDI-839-2	≤2.0 & > 0[1] in. wc	.51	.52	.51	.52	.51	.51	.51
		PDI-839-3	≤2.0 & > 0[1] in. wc	.52	.52	.51	.52	.52	.52	.52
4.1.3.4[2]	South Bleed off filter plenum (FF-822A) AP	[1]PDI-810-1	≤2.0 & > 0[1] in. wc	.17	.17	.16	.18	.16	.17	.17
		PDI-810-2	≤2.0 & > 0[1] in. wc	.85	.89	.84	.86	.88	.88	.88
		PDI-810-3	≤2.0 & > 0[1] in. wc	.51	.52	.51	.51	.51	.52	.52
4.1.3.4[2]	South Bleed off filter plenum (FF-822B) AP	[1]PDI -811 - 1	≤2.0 & > 0[1] in. wc	OFF	OFF	OFF	OFF	OFF	off	off
		PDI -811 -2	≤2.0 & > 0[1] in. wc	OFF	OFF	OFF	OFF	OFF	off	off
		PDI -811 -3	≤2.0 & > 0[1] in. wc	OFF	OFF	OFF	OFF	OFF	off	off
			Completion Time	0735	0740	0738	0755	0750	0645	0756
OC Operator Review and Page Count Complete (initials)				JSL	JSL	DM	DM	TS	TS	TS
OCS Daily Review Sign off (initials)						AM	AM			

[1] Non TSR requirement
[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR 4.1.3.4 apply during ~~both Mode 1 and Mode 2 as stated~~ in LCO 3.1.3.

Completed by: Michael Ortiz Date 3/21/21 Time 0837 Reviewed by: _____ Date: 3/21/21 Time: 0840
On-duty Supervisor

Comments 4.4.1.1 Out of Service; Waiting Calibration

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 1 of 5)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

			Date:	3/15/21	3-16-21	3-17-21	3-18-21	3-19-21	3/20/21	3/21/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	R	R	R	R	R	TL	TL
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.1.7[2]	Vault re-circulation filter plenum (HVP-811) ΔP	[1]PDI-840-1	≤2.0 & > 0[1] in. wc	.17	.18	.17	.17	.18	.17	.17
		PDI-840-2	≤2.0 & > 0 in[1] wc	.52	.52	.52	.52	.52	.52	.52
		PDI-840-3	≤2.0 & > 0[1] in. wc	.50	.51	.51	.51	.51	.51	.51
	Vault re-circulation filter plenum (HVP-812) ΔP	[1]PDI-841-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-841-2	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-841-3	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
	200 area re-circulation filter plenum (HVP-801) ΔP	[1]PDI-831-1	≤2.0 & > 0[1] in. wc	.36	.40	.36	.36	.36	.36	.36
		PDI-831-2	≤2.0 & > 0[1] in. wc	.42	.41	.42	.42	.41	.42	.42
		PDI-831-3	≤2.0 & > 0[1] in. wc	.40	.40	.40	.40	.39	.40	.40
	200 area re-circulation filter plenum (HVP-802) ΔP	[1]PDI-832-1	≤2.0 & > 0[1] in. wc	.60	.60	.61	.62	.62	.61	.62
		PDI-832-2	≤2.0 & > 0[1] in. wc	.68	.68	.68	.68	.68	.67	.68
		PDI-832-3	≤2.0 & > 0[1] in. wc	.60	.60	.60	.60	.61	.61	.61
4.1.3.4[2]	North Bleed off filter plenum (FF-820A) ΔP	[1]PDI-807-1	≤2.0 & > 0[1] in. wc	OFF	OFF	OFF	OFF	OFF	OFF	OFF
		PDI-807-2	≤2.0 & > 0[1] in. wc	OFF	OFF	OFF	OFF	OFF	OFF	OFF
		PDI-807-3	≤2.0 & > 0[1] in. wc	OFF	OFF	OFF	OFF	OFF	OFF	OFF
4.1.3.4[2]	North Bleed off filter plenum (FF-820B) ΔP	[1]PDI-809-1	≤2.0 & > 0[1] in. wc	.03	.03	.03	.03	.04	.06	.06
		PDI-809-2	≤2.0 & > 0[1] in. wc	.52	.52	.52	.52	.52	.52	.52
		PDI-809-3	≤2.0 & > 0[1] in. wc	.50	.51	.50	.50	.51	.50	.50

Attachment B-2: Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 2 of 5)

			Date:	3/15/21	3-16-21	3-17-21	3-18-21	3-19-21	3/20/21	3/21/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	North Basement exhaust filter plenum (FF-828) ΔP	[1]PDI-829-1	≤2.0 & > 0[1] in. wc	.06	.06	.05	.06	.07	.07	.07
		PDI-829-2	≤2.0 & > 0[1] in. wc	.50	.50	.50	.50	.60	.50	.49
		PDI-829-3	≤2.0 & > 0[1] in. wc	.50	.49	.50	.49	.58	.49	.48
4.1.1.7[2]	100 area re-circulation filter plenum (HVP-803) ΔP	[1]PDI-833-1	≤2.0 & > 0[1] in. wc	.08	.08	.08	.08	.08	.08	.08
		PDI-833-2	≤2.0 & > 0[1] in. wc	.52	.52	.53	.52	.52	.52	.53
		PDI-833-3	≤2.0 & > 0[1] in. wc	.50	.51	.51	.50	.51	.51	.51
	100 area re-circulation filter plenum (HVP-804) ΔP	[1]PDI-835-1	≤2.0 & > 0[1] in. wc	.06	.06	.06	.06	.06	.06	.06
		PDI-835-2	≤2.0 & > 0[1] in. wc	.50	.50	.50	.49	.50	.50	.50
		PDI-835-3	≤2.0 & > 0[1] in. wc	.50	.50	.50	.50	.50	.50	.50
4.1.3.4[2]	100 area glovebox exhaust filter plenum (FF852) ΔP	[1]PDI-815-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-815-2	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-815-4	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-815-5	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
4.1.3.4[2]	100 area glovebox exhaust filter plenum (FF853) ΔP	[1]PDI-816-1	≤2.0 & > 0[1] in. wc	.04	.04	.05	.04	.04	.42	.42
		PDI-816-2	≤2.0 & > 0[1] in. wc	.52	.52	.52	.52	.51	.52	.52
		PDI-816-4	≤2.0 & > 0[1] in. wc	.50	.50	.50	.49	.50	.50	.50
		PDI-816-5	≤2.0 & > 0[1] in. wc	.51	.51	.51	.52	.51	.51	.51

Attachment B-2: Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 3 of 5)

			Date:	3/15/21	3-16-21	3-17-21	3-18-21	3-19-21	3/20/21	3/21/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	R	R	R	R	R	TL	TL
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF850) ΔP	[1]PDI-812-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-812-2	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-812-3	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-812-4	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-812-5	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF851) ΔP	[1]PDI-813-1	≤2.0 & > 0[1] in. wc	.05	.07	.07	.06	.05	.07	.07
		PDI-813-2	≤2.0 & > 0[1] in. wc	.25	.22	.22	.22	.22	.23	.24
		PDI-813-3	≤2.0 & > 0[1] in. wc	.20	.20	.20	.20	.20	.20	.20
		PDI-813-4	≤2.0 & > 0[1] in. wc	.28	.28	.27	.27	.28	.29	.29
		PDI-813-5	≤2.0 & > 0[1] in. wc	.30	.29	.30	.30	.29	.30	.29
4.1.3.4[2]	IFIT exhaust filter plenum (FF-865) ΔP	[1]PDI-865-1	≤2.0 & > 0[1] in. wc	.02	.02	.02	.02	.02	.02	.02
		PDI-865-2	≤2.0 & > 0[1] in. wc	.40	.40	.40	.40	.40	.40	.40
		PDI-865-3	≤2.0 & > 0[1] in. wc	.38	.37	.37	.38	.36	.36	.36
4.1.3.4[2]	IFIT supply filter plenum (HVP-863) ΔP	[1]PDI-863-1	≤2.0 & > 0[1] in. wc	.02	.03	.04	.04	.04	.04	.04
		PDI-863-2	≤2.0 & >0[1] in. wc	.31	.32	.31	.31	.31	.31	.31

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 4 of 5)

			Date:	3/15/21	3-16-21	3-17-21	3-18-21	3-19-21	3/20/21	3/21/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	R	R	R	R	R	[illegible]	TL
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS**						
4.1.3.4[2]	North Basement supply filter plenum (HVP-840) ΔP	[1]PDI-857-1	≤ 2.0 & > 0[1] in. wc	.10	.10	.10	.10	.10	.10	.10
		PDI-857-2	≤2.0 & > 0[1] in. wc	.48	.48	.48	.48	.48	.48	.48
4.1.3.4[2]	North corridor supply filter plenum (HVP-809) ΔP	[1]PDI-856-1	≤2.0 & > 0[1] in. wc	.02	.02	.02	.02	.02	.02	.02
		PDI-856-2	≤2.0 & > 0[1] in. wc	.60	.60	.60	.60	.60	.60	.60
[1]NA	**Combustible exclusion area around basement exhaust fans FE828, FE829 and bleed-off fans FE820A, FE820B, FE820C, FE822A, FE822B, FE822C**		**0 lb/ft² combustibles in designated exclusion area (within 15 feet of fans)**	SAT	SAT	SAT	SAT	SAT	Sat	Sat
4.3.2.2[2]	Room 201		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	SAT	SAT	SAT	SAT	Sat	Sat
4.3.2.2[2]	Room 204		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	SAT	SAT	SAT	SAT	Sat	Sat

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 5 of 5)

			Date:	3/15/21	3-16-21	3-17-21	3-18-21	3-19-21	3/20/21	3/21/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:							
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS						
4.3.2.2[2]	Room 206		0 lb/ft[2] combustibles within 3 5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	SAT	SAT	SAT	SAT	Sat	Sat
4.3.2.2[2]	Room 207		0 lb/ft[2] combustibles within 3 5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	SAT	SAT	SAT	SAT	Sat	Sat
			Completion time	0800	0755	0810	0726	0725	0914	0834
			OC Operator Review and Page Count Complete (initials)	JSL	JSL	DH	DH	TS	TS	TS
			OCS Daily Review Sign off (initials)			ARS	AM			

[1] Non TSR requirement

[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR's 4.1.3.4 and 4.3.2.2 apply during both Mode 1 and Mode 2.

Note: Rooms 201, 206 & 207 **must be** entered for surveillance even if they are red lit, room 204 can be viewed through the window. Notify the Operations Center of any rooms that are unable to be entered for the performance of rounds, Operations Center will make a logbook entry recording the room(s) and reason(s) for non-entry. Document in the comments section any room(s) and reason(s) they were unable to be entered for rounds.

Completed by: J. Marquette Date 3/21/21 Time 0837 Reviewed by: _____ Date: 3/21/21 Time: 0879
On-duty Supervisor

Comments: _____

Attachment C, Non-PF-4 Daily Surveillance Rounds [UET]

(Page 1 of 1)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

M&TE Calibrated Data						
Record September through April only	PF-10 Thermometer File No.:	039746	PF-10 Thermistor File No.:	105353	V-701 Thermistor File No.:	103763
	Calibration Expiration Date:	8/5/21	Calibration Expiration Date:	8/13/21	Calibration Expiration Date:	8/13/21
	PF-11 Thermometer File No.:	039745	PF-11 Thermistor File No.:	105352	V-704 Thermistor File No.:	103761
	Calibration Expiration Date:	8/11/21	Calibration Expiration Date:	8/13/21	Calibration Expiration Date:	8/13/21

PF-10 & PF-11 Pump house Room Temperature and V-701 & V-704 Fire Water Storage Tank Temperature									
Daily (September through April only)		Date:	3/15/21	3/16/21	3/17/21	3/18/21	3/19/21	3-20-21	3-21-21
		Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
		Initials:	TL	PJC	PJC	PJC	PJC	JJ	TS
SR	**Description**	**Acceptance Criteria**							
NA	ENSURE *M&TE Calibration Data* above is recorded and calibration dates have not elapsed	Calibration dates have not elapsed	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT
4.3.1.1[1]	RECORD fire water storage tank V-701 temperature	≥ 42 1 F	52.0	52.3	52.3	52.4	PJC 3/19/21 50, 53.0	53.8	54.1
4.3.1.1[1]	RECORD fire water storage tank V-704 temperature	≥ 42 1 F	51.7	54.0	53.5	52.7	52.5	52.7	52.8
4.3.1.3[1]	RECORD PF-10 room temperature	≥ 50 1 F	60.0	60.2	59.4	59.2	60.8	61.6	62.2
4.3.1.3[1]	RECORD PF-11 room temperature	≥ 50 1 F	62.0	62.1	60.8	61.1	54.7	55.04	55.9
		Completion Time	0742	0709	0704	0714	0721	0914	0830
	OC Operator Review and Page Count Complete (initials)		TS	TS	BC	DH	TS	TS	TS
	OCS Daily Review Sign off (initials)				AFD	AFD			

[1] Temperatures should be recorded using Reference Thermometer FLUKE Model 1524 connected to Thermistor Probe Fluke Model 5610-9 (or approved engineered equivalent).

Completed by: Tyler Stilson Date 3-21-21 Time 0830

Reviewed by: _____ Date: 3/21/21 Time: 0857
On-duty Supervisor

Comments: _____

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 1 of 3)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

Note: Gauge readings should be taken on rack #4 in the OC. whenever possible. Document if alternate PDIs are used.		Date:	3/22/21		3/23/21		3-24-21		3-25-21		3/26/21		3/27/21		3/28/21	
		Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
		Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
		Initials:	OH	M	OH	M	[illegible]	BL	TS	BL	OH	M	OH	M	OH	M
SRs	**Description**	**Gauge Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**													
4.1.1.1 4.1.2.1[2]	200 area glovebox exhaust header ΔP	PDI-814-1 or PDI-814-2 ≤-1.5 in. wc[1]	-2.00	-2.04	-2.01	-2.01	-2.00	-2.01	-1.99	-1.95	-1.99	-2.00	-2.02	-2.00	-2.02	-2.00
	100 area glovebox exhaust header ΔP	PDI-820-1 or PDI-820-2 ≤-1.5 in. wc[1]	-1.91	-1.90	-1.90	-1.89	-1.91	-1.90	-1.89	-1.85	-1.90	-1.91	-1.89	-1.88	-1.89	-1.90
	300 area glovebox exhaust header ΔP	PDI-870-1 or PDI-870-2 ≤-1.5 in. wc[1]	-1.96	-1.96	-1.96	-1.95	-1.96	-1.97	-1.95	-1.95	-1.96	-1.99	-1.98	-1.95	-1.96	-1.97
	400 area glovebox exhaust header ΔP	PDI-864-1 or PDI-864-2 ≤-1.5 in. wc[1]	-1.99	-1.98	-1.98	-1.98	-1.96	-1.98	-1.98	-1.97	-1.97	-2.00	-1.99	-1.98	-1.98	-1.95
4.1.1.2 4.1.1.5[3] 4.1.2.2[2]	200 area laboratory header ΔP	PDI-803-1 or PDI-803-2 ≤-0.05 in. wc[1]	-0.19	-.19	-.19	-.19	-0.18	-.18	-.20	-.19	-.19	-.18	-.18	-.21	-.19	-.20
	100 area laboratory header ΔP	PDI-802-1 or PDI-802-2 ≤-0.05 in. wc[1]	-0.26	-.27	-.25	-.27	-0.25	-.26	-.27	-.28	-.26	-.25	-.25	-.27	-.26	-.27
	300 area laboratory header ΔP	PDI-853-1 or PDI-853-2 ≤-0.05 in. wc[1]	-0.21	-.21	-.20	-.22	-0.19	-.20	-.22	-.23	-.20	-.18	-.19	-.22	-.21	-.19
	400 area laboratory header ΔP	PDI-852-1 or PDI-852-2 ≤-0.05 in. wc[1]	-0.19	-.20	-.19	-.21	-0.19	-.20	-.20	-.22	-.19	-.18	-.18	-.21	-.21	-.18
	IFIT Facility ΔP	PDI-865-4 or PDI-865-5 ≤-0.05 in. wc	-0.15	-.15	-.15	-.15	-0.15	-.14	-.15	-.15	-.15	-.15	-.15	-.15	-.15	-.15
4.1.1.3 4.1.2.3[2]	North basement ΔP	PDI-804-1 or PDI-804-2 < 0.00 in. wc	-0.09	-.09	-.09	-.09	-0.10	-.09	-.09	-.09	-.09	-.09	-.09	-.09	-.09	-.09
	South basement ΔP	PDI-854-1 or PDI-854-2 < 0.00 in. wc	-0.09	-.09	-.09	-.09	-0.09	-.09	-.09	-.09	-.09	-.09	-.09	-.09	-.09	-.09
	IRT Tunnel ΔP	PDT-901 or PDI-901 < 0.00 in. wc	-0.096	-.101	-.114	-.115	-0.544	-.111	-.110	-.115	-.112	-.112	-.111	-.110	-.107	-.095

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 2 of 3)

Note: Readings should be taken using FCS screens FMT#151,152,201LD and 202LD. Field verification and local plenum PDI's may be used if FCS is unavailable.		Date:	3/20/21		3/23/21		3-24-21		3-25-21		3/26/21		3/27/21		3/28/21	
		Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
		Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
		Initials:	OH	M	OH	M	[illegible]	BC	TS	BC	OH	M	OH	M	OH	M
SRs	**Description**	**Readings**	**Acceptance Criteria**	**SURVEILLANCE RESULTS Sat / Unsat (circle one)**												
4.1.1.6	**200 area re-circulation fan/ plenum**	FR-801 Icon red and PDT-831 ΔP >.050 or FR-802 Icon red and PDT-832 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	100 area re-circulation fan/ plenum	FR-803 Icon red and PDT-833 ΔP >.050 or FR-804 Icon red and PDT-835 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	300 area re-circulation fan/ plenum	FR-805 Icon red and PDT-836 ΔP >.050 or FR-806 Icon red and PDT-837 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	400 area re-circulation fan/ plenum	FR-807 Icon red and PDT-838 ΔP >.050 or FR-808 Icon red and PDT-839 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	Vault re-circulation fan/ plenum	FR-811 Icon red and PDT-840 ΔP >.050 or FR-812 Icon red and PDT-841 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 3 of 3)

Note Gauge readings should be taken on rack #4 in the OC when possible, local PDI equivalents may be used if necessary. Document any alternate PDIs used.				**Date:**	3/22/21		3/23/21		3-24-21		3-25-21		3/26/21		3/27/21		3/28/21	
				Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat		Sun.	
				Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
				Initials:	DH	M	DH	M	JSL	BC	TS	BC	DH	M	DH	M	DH	M
SRs	**Description**	**Area**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS** **Sat / Unsat (circle one)**													
4.1.1.4	**Glovebox exhaust header APs < laboratory APs < basement APs for areas 100, 200, 300 and 400**	200 Area	PDI-814-2 PDI-803-2 PDI-804-2	PDI-814-2 < PDI-803-2 < PDI-804-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		100 Area	PDI-820-2 PDI-802-2 PDI-804-2	PDI-820-2 < PDI-802-2 < PDI-804-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		300 Area	PDI-870-2 PDI-853-2 PDI-854-2	PDI-870-2 < PDI-853-2 < PDI-854-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		400 Area	PDI-864-2 PDI-852-2 PDI-854-2	PDI-864-2 < PDI-852-2 < PDI-854-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		Completion Time			0732	1925	0730	1929	0719	1910	0723	1912	0734	1926	0728	1931	0730	1926
		OCS Daily Review Sign off (initials)			MJW	M	APS	"	"	"	[illegible]	"	APS	M	APS	M	APS	M

[1] Mode 2 acceptance criteria is < 0.00 in. wc.

[2] SRs 4.1.2.x only apply during Mode 2 in accordance with LCO 3.1.2.

[3] SRs 4.1.1.5 is only applicable when MAR is in the IFIT Facility.

Completed by: [signature] Date 3/28/21 Time 1926 Reviewed by: [signature] Date: 3/28/21 Time: 2138

On-duty Supervisor

Comments: 3-24-21 4.1.1.3 3R TURNED GS-900 OFF 0731

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 1 of 4)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

SR 4.4.1.1, The OPERABILITY acceptance criterion for this surveillance is:
The FLAMMABLE GAS detector in the FSTF FLAMMABLE GAS SOURCE storage cabinet is exposed to the ambient atmosphere in the storage cabinet. The gas concentration readout directly on the detector in the storage cabinet is compared with the gas concentration readout on the system control and alarm panel. The difference between the two readings is checked to VERIFY it is in the range of (≥-0.1; ≤0.1).

		Date:	3/22/21	3/23/21	3/24/21	3/25/21	3/26/21	3/27/21	3/28/21
		Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
		Initials:	[illegible]	ZH	[illegible]	ZH	DH	RW	RW
	Description / Gauge	Acceptance Criteria	**SURVEILLANCE RESULTS (percentage)**						
SR 4.4.1.1	**Flammable Gas Channel Check DET-305-3 (LCD Reading)**	NA	005	005	005	005	005	005	005
	CP-305-H (LED Reading)		005	005	005	005	005	005	005
	(DET-305-3) – (CP-305H)	Record Calculated Value	005	005	005	005	005	005	005
	(LCD Reading) (LED Reading)	≥ -0.1; ≤+0.1	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005
		Completion Time:	0841	0743	0729	0726	0729	0740	0735

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 2 of 4)

			Date:	03/22/21	3/23/21	03/24/21	3/25/21	3/26/21	3/27/21	3/28/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:		RH		RH	RH	RM	RM
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.3.4[2]	South basement supply filter plenum (HVP-841) ΔP	[1]PDI-894-1	≤2.0 & > 0[1] in. wc	.02	.02	.02	.02	.02	.02	.02
		PDI-894-2	≤2.0 & > 0[1] in. wc	.48	.48	.48	.48	.47	.45	.45
4.1.3.4[2]	South Corridor supply (HVP-810) ΔP	[1]PDI-895-1	≤2.0 & > 0[1] in. wc	.02	.04	.03	.04	.04	.04	.04
		PDI-895-2	≤2.0 & > 0[1] in. wc	.70	.70	.70	.70	.70	.70	.70
4.1.3.4[2]	300 area glovebox exhaust filter plenum (FF854) ΔP	[1]PDI-817-1	≤2.0 & > 0[1] in. wc	.27	.29	.29	.29	.29	.30	.30
		PDI-817-2	≤2.0 & > 0[1] in. wc	.30	.30	.30	.30	.30	.30	.30
		PDI-817-4	≤2.0 & > 0[1] in. wc	.31	.32	.32	.32	.31	.35	.34
		PDI-817-5	≤2.0 & > 0[1] in. wc	.29	.31	.30	.30	.30	.32	.32
4.1.3.4[2]	300 area special recovery glovebox exhaust filter plenum (FF858) ΔP	PDI-81 9-1	≤2.0 & > 0[1] in. wc	.45	.48	.46	.48	.48	.45	.45
		PDI-81 9-3	≤2.0 & > 0[1] in. wc	.43	.43	.43	.44	.45	.47	.47
		PDI-819-4	≤2.0 & > 0[1] in. wc	.39	.40	.40	.40	.40	.40	.40
4.1.3.4[2]	300 area glovebox exhaust filter plenum (FF855) ΔP	[1]PDI-818-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-818-2	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-818-4	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-818-5	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
4.1.3.4[2]	300 area special recovery glovebox exhaust filter plenum (FF859) ΔP	PDI-821-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-821-3	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-821-4	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 3 of 4)

			Date:	03/22/21	3/23/21	03/24/21	3/25/21	3/26/21	3/27/21	3/28/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	[illegible]	ZH	[illegible]	ZH	RH	RH	RH
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.3.4[2]	400 area glovebox exhaust filter plenum (FF856) ΔP	[1]PDI-822-1	≤2.0 & > 0[1] in. wc	.18	.13	.12	.12	.12	.12	.16
		PDI-822-2	≤2.0 & > 0[1] in. wc	.55	.55	.58	.58	.58	.59	.60
		PDI-822-4	≤2.0 & > 0[1] in. wc	.42	.42	.42	.42	.41	.42	.43
		PDI-822-5	≤2.0 & > 0[1] in. wc	.43	.59	.57	.59	.59	.57	.56
4.1.3.4[2]	400 area glovebox exhaust filter plenum (FF857) ΔP	[1]PDI-823-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-823-2	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-823-4	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-823—5	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
4.1.3.4[2]	South Basement exhaust filter plenum (FF-829) ΔP	[1]PDI-830-1	≤2.0 & > 0[1] in. wc	.32	.25	.30	.23	.25	.30	.25
		PDI-830-2	≤2.0 & > 0[1] in. wc	.12	.09	.10	.10	.10	.10	.10
		PDI-830-3	≤2.0 & > 0[1] in. wc	.17	.11	.12	.11	.11	.11	.10
4.1.1.7[2]	300 area re-circulation filter plenum (HVP-805) ΔP	[1]PDI-836-1	≤2.0 & > 0[1] in. wc	.07	.04	.06	.06	.07	.07	.07
		PDI-836-2	≤2.0 & > 0[1] in. wc	.66	.65	.65	.66	.65	.67	.66
		PDI-836-3	≤2.0 & > 0[1] in. wc	.68	.67	.67	.68	.68	.68	.68
	300 area re-circulation filter plenum (HVP-806) ΔP	[1]PDI-837-1	≤2.0 & > 0[1] in. wc	.04	.04	.04	.04	.04	.04	.04
		PDI-837-2	≤2.0 & > 0[1] in. wc	.47	.49	.49	.49	.49	.50	.50
		PDI-837-3	≤2.0 & > 0[1] in. wc	.43	.42	.43	.42	.42	.45	.44

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 4 of 4)

			Date:	03/22/21	3/23/21	03/24/21	3/25/21	3/26/21	3/27/21	3/28/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	[illegible]	RH	[illegible]	RH	RH	RW	RW
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.1.7[2]	400 area re-circulation filter plenum (HVP-807) AP	[1]PDI-838-1	≤2.0 & > 0[1] in. wc	.59	.58	.58	.59	.58	.59	.59
		PDI-838-2	≤2.0 & > 0[1] in. wc	.60	.60	.59	.60	.60	.60	.59
		PDI-838-3	≤2.0 & > 0[1] in. wc	.59	.60	.59	.60	.60	.60	.60
	400 area re-circulation filter plenum (HVP-808) AP	[1]PDI-839-1	≤2.0 & > 0[1] in. wc	.41	.40	.41	.41	.41	.41	.42
		PDI-839-2	≤2.0 & > 0[1] in. wc	.51	.51	.51	.51	.51	.52	.53
		PDI-839-3	≤2.0 & > 0[1] in. wc	.52	.51	.51	.51	.51	.52	.52
4.1.3.4[2]	South Bleed off filter plenum (FF-822A) AP	[1]PDI-810-1	≤2.0 & > 0[1] in. wc	.16	.17	.16	.17	.16	.17	.17
		PDI-810-2	≤2.0 & > 0[1] in. wc	.83	.89	.85	.89	.84	.84	.85
		PDI-810-3	≤2.0 & > 0[1] in. wc	.50	.51	.51	.51	.50	.52	.51
4.1.3.4[2]	South Bleed off filter plenum (FF-822B) AP	[1]PDI -811 - 1	≤2.0 & > 0[1] in. wc	off	OFF	off	OFF	OFF	Off	Off
		PDI -811 -2	≤2.0 & > 0[1] in. wc	off	OFF	off	OFF	OFF	Off	Off
		PDI -811 -3	≤2.0 & > 0[1] in. wc	off	OFF	off	OFF	OFF	Off	Off
			Completion Time	0951	0849	0740	0808	0750	0725	0730
OC Operator Review and Page Count Complete (initials)				DH	DH	TS	[illegible]	DH	DH	DH
OCS Daily Review Sign off (initials)				[illegible]	AMS	[illegible]	[illegible]	AMS	AMS	AMS

[1] Non TSR requirement
[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR 4.1.3.4 apply during both Mode 1 and Mode 2 as stated in LCO 3.1.3.

Completed by Richard J Martinez Date 3/28/21 Time 0730 Reviewed by: [illegible] Andrew Date: 3/28/21 Time: 0831
On-duty Supervisor

Comments 4.1.1.1 Meter is Out of Service, awaiting for calibration.

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 1 of 5)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

			Date:	3/22/21	3/23/21	03/24/21	3/25/21	3/26/21	3/27/21	3/28/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.1.7[2]	Vault re-circulation filter plenum (HVP-811) ΔP / Vault re-circulation filter plenum (HVP-812) ΔP	[1]PDI-840-1	≤2.0 & > 0[1] in. wc	.17	.17	.17	.16	.16	.17	.17
		PDI-840-2	≤2.0 & > 0 in[1]. wc	.52	.52	.52	.52	.52	.52	.53
		PDI-840-3	≤2.0 & > 0[1] in. wc	.51	.50	.50	.50	.50	.50	.51
		[1]PDI-841-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-841-2	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-841-3	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
	200 area re-circulation filter plenum (HVP-801) ΔP	[1]PDI-831-1	≤2.0 & > 0[1] in. wc	.36	.36	.36	.36	.36	.37	.37
		PDI-831-2	≤2.0 & > 0[1] in. wc	.42	.41	.41	.41	.41	.42	.42
		PDI-831-3	≤2.0 & > 0[1] in. wc	.40	.40	.40	.40	.40	.40	.40
	200 area re-circulation filter plenum (HVP-802) ΔP	[1]PDI-832-1	≤2.0 & > 0[1] in. wc	.62	.61	.61	.61	.61	.61	.62
		PDI-832-2	≤2.0 & > 0[1] in. wc	.68	.66	.68	.68	.67	.68	.68
		PDI-832-3	≤2.0 & > 0[1] in. wc	.61	.60	.60	.60	.60	.60	.61
4.1.3.4[2]	North Bleed off filter plenum (FF-820A) ΔP	[1]PDI-807-1	≤2.0 & > 0[1] in. wc	OFF	OFF	OFF	OFF	OFF	OFF	OFF
		PDI-807-2	≤2.0 & > 0[1] in. wc	OFF	OFF	OFF	OFF	OFF	OFF	OFF
		PDI-807-3	≤2.0 & > 0[1] in. wc	OFF	OFF	OFF	OFF	OFF	OFF	OFF
4.1.3.4[2]	North Bleed off filter plenum (FF-820B) ΔP	[1]PDI-809-1	≤2.0 & > 0[1] in. wc	.07	.07	.07	.07	.07	.08	.08
		PDI-809-2	≤2.0 & > 0[1] in. wc	.52	.51	.52	.51	.51	.53	.53
		PDI-809-3	≤2.0 & > 0[1] in. wc	.51	.50	.50	.50	.50	.51	.50

Attachment B-2: Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 2 of 5)

			Date:	3/22/21	3/23/21	03/24/21	3/25/21	3/26/21	3/27/21	3/28/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	[illegible]	RH	[illegible]	RH	RH	RH	RH
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	North Basement exhaust filter plenum (FF-828) ΔP	[1]PDI-829-1	≤2.0 & > 0[1] in. wc	.07	.07	.07	.07	.07	.07	.07
		PDI-829-2	≤2.0 & > 0[1] in. wc	.50	.40	.52	.51	.51	.51	.53
		PDI-829-3	≤2.0 & > 0[1] in. wc	.49	.59	.58	.50	.50	.50	.50
4.1.1.7[2]	100 area re-circulation filter plenum (HVP-803) ΔP	[1]PDI-833-1	≤2.0 & > 0[1] in. wc	.08	.08	.08	.08	.08	.08	.08
		PDI-833-2	≤2.0 & > 0[1] in. wc	.52	.51	.52	.52	.52	.54	.54
		PDI-833-3	≤2.0 & > 0[1] in. wc	.50	.50	.50	.50	.50	.51	.51
	100 area re-circulation filter plenum (HVP-804) ΔP	[1]PDI-835-1	≤2.0 & > 0[1] in. wc	.06	.04	.06	.06	.04	.06	.06
		PDI-835-2	≤2.0 & > 0[1] in. wc	.50	.50	.50	.50	.50	.50	.50
		PDI-835-3	≤2.0 & > 0[1] in. wc	.50	.50	.50	.50	.50	.50	.50
4.1.3.4[2]	100 area glovebox exhaust filter plenum (FF852) ΔP	[1]PDI-815-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-815-2	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-815-4	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-815-5	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
4.1.3.4[2]	100 area glovebox exhaust filter plenum (FF853) ΔP	[1]PDI-816-1	≤2.0 & > 0[1] in. wc	.42	.35	.41	.40	.41	.43	.42
		PDI-816-2	≤2.0 & > 0[1] in. wc	.53	.59	.52	.52	.55	.54	.53
		PDI-816-4	≤2.0 & > 0[1] in. wc	.50	.41	.49	.50	.50	.50	.50
		PDI-816-5	≤2.0 & > 0[1] in. wc	.51	.45	.50	.50	.50	.52	.52

Attachment B-2: Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 3 of 5)

			Date:	3/22/21	3/23/21	03/24/21	3/25/21	3/26/21	3/27/21	3/28/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	[illegible]	RH	[illegible]	RH	RH	RH	RH
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF850) ΔP	[1]PDI-812-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	StBy	StBy
		PDI-812-2	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	StBy	StBy
		PDI-812-3	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	StBy	StBy
		PDI-812-4	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	StBy	StBy
		PDI-812-5	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	StBy	StBy
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF851) ΔP	[1]PDI-813-1	≤2.0 & > 0[1] in. wc	.07	.08	.08	.05	.07	.07	.07
		PDI-813-2	≤2.0 & > 0[1] in. wc	.24	.25	.22	.20	.21	.23	.23
		PDI-813-3	≤2.0 & > 0[1] in. wc	.19	.20	.20	.19	.19	.18	.16
		PDI-813-4	≤2.0 & > 0[1] in. wc	.36	.28	.23	.21	.25	.29	.29
		PDI-813-5	≤2.0 & > 0[1] in. wc	.30	.30	.27	.25	.29	.30	.29
4.1.3.4[2]	IFIT exhaust filter plenum (FF-865) ΔP	[1]PDI-865-1	≤2.0 & > 0[1] in. wc	.02	.02	.02	.02	.02	.02	.02
		PDI-865-2	≤2.0 & > 0[1] in. wc	.40	.40	.39	.40	.40	.40	.40
		PDI-865-3	≤2.0 & > 0[1] in. wc	.36	.35	.35	.37	.34	.36	.36
4.1.3.4[2]	IFIT supply filter plenum (HVP-863) ΔP	[1]PDI-863-1	≤2.0 & > 0[1] in. wc	.04	.04	.04	.05	.04	.04	.04
		PDI-863-2	≤2.0 & >0[1] in. wc	.32	.31	.31	.31	.31	.32	.32

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 4 of 5)

			Date:	3/22/21	3/23/21	03/24/21	3/25/21	3/26/21	3/27/21	3/28/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	[illegible]	ZH	[illegible]	ZH	ZH	RM	RM
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS**						
4.1.3.4[2]	North Basement supply filter plenum (HVP-840) ΔP	[1]PDI-857-1	≤ 2.0 & > 0[1] in. wc	.11	.10	.10	.10	.10	.10	.10
		PDI-857-2	≤2.0 & > 0[1] in. wc	.48	.47	.45	.47	.47	.45	.45
4.1.3.4[2]	North corridor supply filter plenum (HVP-809) ΔP	[1]PDI-856-1	≤2.0 & > 0[1] in. wc	.03	.03	.05	.05	.02	.02	.02
		PDI-856-2	≤2.0 & > 0[1] in. wc	.60	.60	.60	.60	.60	.60	.60
[1]NA	**Combustible exclusion area around basement exhaust fans FE828, FE829 and bleed-off fans FE820A, FE820B, FE820C, FE822A, FE822B, FE822C**		**0 lb/ft² combustibles in designated exclusion area (within 15 feet of fans)**	Sat	SAT	Sat	SAT	SAT	SAT	SAT
4.3.2.2[2]	Room 201		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	Sat	SAT	Sat	SAT	SAT	SAT	SAT
4.3.2.2[2]	Room 204		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	Sat	SAT	Sat	SAT	SAT	SAT	SAT

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 5 of 5)

			Date:	3/22/21	3/23/21	03/24/21	3/25/21	3/26/21	3/27/21	3/28/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:		RH		RH	RH		
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS**						
4.3.2.2[2]	Room 206		0 lb/ft² combustibles within 3 5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	Sat	SAT	Sat	SAT	SAT	SAT	SAT
4.3.2.2[2]	Room 207		0 lb/ft² combustibles within 3 5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	Sat	SAT	Sat	SAT	SAT	SAT	SAT
			Completion time	1000	0842	0853	0808	0807	0750	0805
			OC Operator Review and Page Count Complete (initials)	DH	DH	TS		DH	DH	DH
			OCS Daily Review Sign off (initials)		ARJ			ARJ	ARJ	ARJ

[1] Non TSR requirement

[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR's 4.1.3.4 and 4.3.2.2 apply during both Mode 1 and Mode 2.

Note: Rooms 201, 206 & 207 **must be** entered for surveillance even if they are red lit, room 204 can be viewed through the window. Notify the Operations Center of any rooms that are unable to be entered for the performance of rounds, Operations Center will make a logbook entry recording the room(s) and reason(s) for non-entry. Document in the comments section any room(s) and reason(s) they were unable to be entered for rounds.

Completed by RICHARD J. MARTINEZ Date 3/28/21 Time 0805 Reviewed by: _____ Date: 3/28/21 Time: 0830
On-duty Supervisor

Comments: _____

Attachment C, Non-PF-4 Daily Surveillance Rounds [UET]

(Page 1 of 1)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

M&TE Calibrated Data						
Record September through April only	PF-10 Thermometer File No.:	039746	PF-10 Thermistor File No.:	105353	V-701 Thermistor File No.:	103763
	Calibration Expiration Date:	8/5/21	Calibration Expiration Date:	8/13/21	Calibration Expiration Date:	8/13/21
	PF-11 Thermometer File No.:	039745	PF-11 Thermistor File No.:	105352	V-704 Thermistor File No.:	103761
	Calibration Expiration Date:	8/11/21	Calibration Expiration Date:	8/13/21	Calibration Expiration Date:	8/13/21

PF-10 & PF-11 Pump house Room Temperature and V-701 & V-704 Fire Water Storage Tank Temperature									
Daily (September through April only)		Date:	3/22/21	3/23/21	~~03/23~~ 03/24/21	3/25/21	3/26/21	3/27/21	3/28/21
		Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
		Initials:	~~RH~~	PJC	MW	PJC	PJC	DH	DH
SR	**Description**	**Acceptance Criteria**							
NA	ENSURE *M&TE Calibration Data* above is recorded and calibration dates have not elapsed.	Calibration dates have not elapsed.	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT
4.3.1.1[1]	RECORD fire water storage tank V-701 temperature	≥ 42.1 F	53.7	53.3	52.7	51.8	51.9	53.05	54.11
4.3.1.1[1]	RECORD fire water storage tank V-704 temperature	≥ 42.1 F	52.5	51.5	50.0	51.1	52.9	54.87	54.21
4.3.1.3[1]	RECORD PF-10 room temperature	≥ 50.1 F	61.8	59.6	59.8	58.7	59.8	64.30	60.44
4.3.1.3[1]	RECORD PF-11 room temperature	≥ 50.1 F	60.3	60.8	61.2	61.9	58.3	61.10	58.9
		Completion Time:	0831	0744	0806	0711	0757	0941	0950
	OC Operator Review and Page Count Complete (initials)		~~RH~~ DH	DH	TS	JSC	DH	ARS	Any
	OCS Daily Review Sign off (initials)		RH 3/22/21 MW	ARS			Any	ARS	Any

[1] Temperatures should be recorded using Reference Thermometer FLUKE Model 1524 connected to Thermistor Probe Fluke Model 5610-9 (or approved engineered equivalent).

Completed by: _____ Date 3/28/21 Time 0950

Reviewed by: _____ Date: 3/28/21 Time: 1003
On-duty Supervisor

Comments: _____

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 1 of 3)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

Note Gauge readings should be taken on rack #4 in the OC. whenever possible. Document if alternate PDIs are used.		**Date:**	3-29-21		3-30-21		3/31/21									
		Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
		Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
		Initials:	TS	BC	TS	BC	DH	BC								
SRs	**Description**	**Gauge Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**													
4.1.1.1 4.1.2.1[2]	**200 area glovebox exhaust header ΔP**	PDI-814-1 or PDI-814-2 ≤-1.5 in. wc[1]	-2.01	-2.00	-2.01	-2.01	-2.02	-2.02								
	100 area glovebox exhaust header ΔP	PDI-820-1 or PDI-820-2 ≤-1.5 in. wc[1]	-1.90	-1.91	-1.91	-1.91	-1.90	-1.91								
	300 area glovebox exhaust header ΔP	PDI-870-1 or PDI-870-2 ≤-1.5 in. wc[1]	-1.96	-1.95	-1.97	-1.95	-1.96	-1.97								
	400 area glovebox exhaust header ΔP	PDI-864-1 or PDI-864-2 ≤-1.5 in. wc[1]	-1.98	-1.96	-1.99	-1.98	-1.98	-1.98								
4.1.1.2 4.1.1.5[3] 4.1.2.2[2]	**200 area laboratory header ΔP**	PDI-803-1 or PDI-803-2 ≤-0.05 in. wc[1]	-.19	-.22	-.21	-.20	-.18	-.18								
	100 area laboratory header ΔP	PDI-802-1 or PDI-802-2 ≤-0.05 in. wc[1]	-.26	-.29	-.28	-.27	-.25	-.25								
	300 area laboratory header ΔP	PDI-853-1 or PDI-853-2 ≤-0.05 in. wc[1]	-.20	-.22	-.21	-.21	-.20	-.18								
	400 area laboratory header ΔP	PDI-852-1 or PDI-852-2 ≤-0.05 in. wc[1]	-.20	-.22	-.20	-.20	-.20	-.17								
	IFIT Facility ΔP	PDI-865-4 or PDI-865-5 ≤-0.05 in. wc	-.15	-.15	-.15	-.15	-.15	-.15								
4.1.1.3 4.1.2.3[2]	**North basement ΔP**	PDI-804-1 or PDI-804-2 < 0.00 in. wc	-.09	-.10	-.09	-.09	-.09	-.09								
	South basement ΔP	PDI-854-1 or PDI-854-2 < 0.00 in. wc	-.09	-.10	-.09	-.09	-.09	-.09								
	IRT Tunnel ΔP	PDT-901 or PDI-901 < 0.00 in. wc	-.116	-.115	-.115	-.114	-.098	-.114								

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 2 of 3)

Note: Readings should be taken using FCS screens FMT#151,152,201LD and 202LD. Field verification and local plenum PDI's may be used if FCS is unavailable.				Date:	3-29-21		3-30-21		3/31/21									
				Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
				Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
				Initials:	TS	BC	TS	BC	DH	BC								
SRs	**Description**	**Readings**	**Acceptance Criteria**	**SURVEILLANCE RESULTS Sat / Unsat (circle one)**														
4.1.1.6	**200 area re-circulation fan/ plenum**	FR-801 Icon red and PDT-831 ΔP >.050 or FR-802 Icon red and PDT-832 ΔP >.050	At least one fan/plenum is in service	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	100 area re-circulation fan/ plenum	FR-803 Icon red and PDT-833 ΔP >.050 or FR-804 Icon red and PDT-835 ΔP >.050	At least one fan/plenum is in service	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	300 area re-circulation fan/ plenum	FR-805 Icon red and PDT-836 ΔP >.050 or FR-806 Icon red and PDT-837 ΔP >.050	At least one fan/plenum is in service	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	400 area re-circulation fan/ plenum	FR-807 Icon red and PDT-838 ΔP >.050 or FR-808 Icon red and PDT-839 ΔP >.050	At least one fan/plenum is in service	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	Vault re-circulation fan/ plenum	FR-811 Icon red and PDT-840 ΔP >.050 or FR-812 Icon red and PDT-841 ΔP >.050	At least one fan/plenum is in service	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 3 of 3)

Note
Gauge readings should be taken on rack #4 in the OC when possible, local PDI equivalents may be used if necessary. Document any alternate PDIs used.

Date:	3-29-21		3-30-21		3/31/21												
Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.				
Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM			
Initials:	TS	BC	TS	BC	OH	BC											

SRs	Description	Area	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS Sat / Unsat (circle one)													
4.1.1.4	**Glovebox exhaust header APs < laboratory APs < basement APs for areas 100, 200, 300 and 400**	200 Area	PDI-814-2 PDI-803-2 PDI-804-2	PDI-814-2 < PDI-803-2 < PDI-804-2	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		100 Area	PDI-820-2 PDI-802-2 PDI-804-2	PDI-820-2 < PDI-802-2 < PDI-804-2	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		300 Area	PDI-870-2 PDI-853-2 PDI-854-2	PDI-870-2 < PDI-853-2 < PDI-854-2	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		400 Area	PDI-864-2 PDI-852-2 PDI-854-2	PDI-864-2 < PDI-852-2 < PDI-854-2	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		Completion Time			0752	1918	0708	1921	0739	1920								
		OCS Daily Review Sign off (initials)																

[1] Mode 2 acceptance criteria is < 0.00 in. wc.
[2] SRs 4.1.2.x only apply during Mode 2 in accordance with LCO 3.1.2.
[3] SRs 4.1.1.5 is only applicable when MAR is in the IFIT Facility

Completed by: BC Date: 3-31-21 Time: 1920 Reviewed by: _____ Date: 3/31/21 Time: 2145
On-duty Supervisor

Comments: _____

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 1 of 4)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

SR 4.4.1.1, The OPERABILITY acceptance criterion for this surveillance is:
The FLAMMABLE GAS detector in the FSTF FLAMMABLE GAS SOURCE storage cabinet is exposed to the ambient atmosphere in the storage cabinet. The gas concentration readout directly on the detector in the storage cabinet is compared with the gas concentration readout on the system control and alarm panel. The difference between the two readings is checked to VERIFY it is in the range of (≥-0.1; ≤0.1).

		Date:	3/29/21	3/30/21	3/31/21				
		Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
		Initials:	[illegible]	[illegible]	[illegible]				
	Description / Gauge	**Acceptance Criteria**	**SURVEILLANCE RESULTS (percentage)**						
SR 4.4.1.1	**Flammable Gas Channel Check DET-305-3 (LCD Reading)**	NA	005	005	005				
	CP-305-H (LED Reading)		005	005	006				
	(DET-305-3) – (CP-305H) (LCD Reading) (LED Reading)	Record Calculated Value	005	005	005				
		≥ -0.1; ≤+0.1	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat
		Completion Time:	0705	0715	0710				

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 2 of 4)

			Date:	3/29/21	3/30/21	3/31/21				
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	~~RH~~	YL	YL				
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	**South basement supply filter plenum (HVP-841) ΔP**	[1]PDI-894-1	≤2.0 & > 0[1] in. wc	.02	.02	.02				
		PDI-894-2	≤2.0 & > 0[1] in. wc	.48	.48	.48				
4.1.3.4[2]	**South Corridor supply (HVP-810) ΔP**	[1]PDI-895-1	≤ 2.0 & > 0[1] in. wc	.05	.04	.04				
		PDI-895-2	≤2.0 & > 0[1] in. wc	.70	.70	.70				
4.1.3.4[2]	**300 area glovebox exhaust filter plenum (FF854) ΔP**	[1]PDI-817-1	≤2.0 & > 0[1] in. wc	.29	.29	.29				
		PDI-817-2	≤2.0 & > 0[1] in. wc	.30	.31	.31				
		PDI-817-4	≤2.0 & > 0[1] in. wc	.31	.30	.32				
		PDI-817-5	≤2.0 & > 0[1] in. wc	.30	.30	.31				
4.1.3.4[2]	**300 area special recovery glovebox exhaust filter plenum (FF858) ΔP**	PDI-81 9-1	≤2.0 & > 0[1] in. wc	.46	.46	.45				
		PDI-81 9-3	≤2.0 & > 0[1] in. wc	.46	.45	.45				
		PDI-819-4	≤2.0 & > 0[1] in. wc	.40	.40	.40				
4.1.3.4[2]	**300 area glovebox exhaust filter plenum (FF855) ΔP**	[1]PDI-818-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY				
		PDI-818-2	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY				
		PDI-818-4	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY				
		PDI-818-5	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY				
4.1.3.4[2]	**300 area special recovery glovebox exhaust filter plenum (FF859) ΔP**	PDI-821-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY				
		PDI-821-3	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY				
		PDI-821-4	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY				

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 3 of 4)

			Date:	3/29/21	3/30/21	3/31/21				
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	~~RJ~~	TL	TL				
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	**400 area glovebox exhaust filter plenum (FF856) ΔP**	[1]PDI-822-1	≤2.0 & > 0[1] in. wc	.12	.12	.12				
		PDI-822-2	≤2.0 & > 0[1] in. wc	.59	.59	.59				
		PDI-822-4	≤2.0 & > 0[1] in. wc	.41	.42	.42				
		PDI-822-5	≤2.0 & > 0[1] in. wc	.58	.57	.57				
4.1.3.4[2]	**400 area glovebox exhaust filter plenum (FF857) ΔP**	[1]PDI-823-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY				
		PDI-823-2	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY				
		PDI-823-4	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY				
		PDI-823—5	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY				
4.1.3.4[2]	**South Basement exhaust filter plenum (FF-829) ΔP**	[1]PDI-830-1	≤2.0 & > 0[1] in. wc	.24	.18	.25				
		PDI-830-2	≤2.0 & > 0[1] in. wc	.10	.08	.10				
		PDI-830-3	≤2.0 & > 0[1] in. wc	.11	.10	.12				
4.1.1.7[2]	**300 area re-circulation filter plenum (HVP-805) ΔP**	[1]PDI-836-1	≤2.0 & > 0[1] in. wc	.07	.07	.07				
		PDI-836-2	≤2.0 & > 0[1] in. wc	.66	.65	.66				
		PDI-836-3	≤2.0 & > 0[1] in. wc	.68	.68	.68				
	300 area re-circulation filter plenum (HVP-806) ΔP	[1]PDI-837-1	≤2.0 & > 0[1] in. wc	.04	.04	.04				
		PDI-837-2	≤2.0 & > 0[1] in. wc	.49	.49	.49				
		PDI-837-3	≤2.0 & > 0[1] in. wc	.41	.42	.42				

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 4 of 4)

			Date:	3/29/21	3/30/21	3/31/21				
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	ZH	YL	YL				
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.1.7[2]	400 area re-circulation filter plenum (HVP-807) AP	[1]PDI-838-1	≤2.0 & > 0[1] in. wc	.59	.59	.59				
		PDI-838-2	≤2.0 & > 0[1] in. wc	.60	.60	.60				
		PDI-838-3	≤2.0 & > 0[1] in. wc	.60	.60	.60				
	400 area re-circulation filter plenum (HVP-808) AP	[1]PDI-839-1	≤2.0 & > 0[1] in. wc	.42	.42	.42				
		PDI-839-2	≤2.0 & > 0[1] in. wc	.51	.52	.51				
		PDI-839-3	≤2.0 & > 0[1] in. wc	.51	.52	.52				
4.1.3.4[2]	South Bleed off filter plenum (FF-822A) AP	[1]PDI-810-1	≤2.0 & > 0[1] in. wc	.18	.17	.17				
		PDI-810-2	≤2.0 & > 0[1] in. wc	.90	.88	.86				
		PDI-810-3	≤2.0 & > 0[1] in. wc	.52	.52	.52				
4.1.3.4[2]	South Bleed off filter plenum (FF-822B) AP	[1]PDI -811 - 1	≤2.0 & > 0[1] in. wc	OFF	OFF	OFF				
		PDI -811 -2	≤2.0 & > 0[1] in. wc	OFF	OFF	OFF				
		PDI -811 -3	≤2.0 & > 0[1] in. wc	OFF	OFF	OFF				
			Completion Time	0835	0926	0804				
OC Operator Review and Page Count Complete (initials)					TS	OH				
OCS Daily Review Sign off (initials)						MJW				

[1] Non TSR requirement
[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR 4.1.3.4 apply during both Mode 1 and Mode 2 as stated in LCO 3.1.3.

Completed by: Z. Hanquist Date: 3/31/21 Time: 0804 Reviewed by: _____ Date: 3/31/21 Time: 2148
On-duty Supervisor

Comments: 4.4.1.1 Awaiting Calibration, OOS

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 1 of 5)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

			Date:	3/29/21	3/30/21	3/31/21				
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	~~ZH~~	YL	YL				
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.1.7[2]	Vault re-circulation filter plenum (HVP-811) ΔP Vault re-circulation filter plenum (HVP-812) ΔP	[1]PDI-840-1	≤2.0 & > 0[1] in. wc	.14	.17	.17				
		PDI-840-2	≤2.0 & > 0 in[1]. wc	.52	.52	.52				
		PDI-840-3	≤2.0 & > 0[1] in. wc	.50	.51	.51				
		[1]PDI-841-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY				
		PDI-841-2	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY				
		PDI-841-3	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY				
	200 area re-circulation filter plenum (HVP-801) ΔP	[1]PDI-831-1	≤2.0 & > 0[1] in. wc	.36	.36	.36				
		PDI-831-2	≤2.0 & > 0[1] in. wc	.41	.42	.42				
		PDI-831-3	≤2.0 & > 0[1] in. wc	.40	.40	.39				
	200 area re-circulation filter plenum (HVP-802) ΔP	[1]PDI-832-1	≤2.0 & > 0[1] in. wc	.62	.62	.62				
		PDI-832-2	≤2.0 & > 0[1] in. wc	RH 3/29/21 .68 ~~.44~~	.68	.68				
		PDI-832-3	≤2.0 & > 0[1] in. wc	.60	.62	.62				
4.1.3.4[2]	North Bleed off filter plenum (FF-820A) ΔP	[1]PDI-807-1	≤2.0 & > 0[1] in. wc	RH 3/29/21 ~~OFF .30~~	OFF	OFF				
		PDI-807-2	≤2.0 & > 0[1] in. wc	OFF	OFF	OFF				
		PDI-807-3	≤2.0 & > 0[1] in. wc	OFF	OFF	OFF				
4.1.3.4[2]	North Bleed off filter plenum (FF-820B) ΔP	[1]PDI-809-1	≤2.0 & > 0[1] in. wc	.07	.07	.07				
		PDI-809-2	≤2.0 & > 0[1] in. wc	.51	.52	.52				
		PDI-809-3	≤2.0 & > 0[1] in. wc	.50	.50	.50				

Attachment B-2: Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 2 of 5)

			Date:	3/29/21	3/30/21	3/31/21				
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	ZH	TL	TL				
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	North Basement exhaust filter plenum (FF-828) ΔP	[1]PDI-829-1	≤2.0 & > 0[1] in. wc	.06	.07	.07				
		PDI-829-2	≤2.0 & > 0[1] in. wc	.50	.51	.52				
		PDI-829-3	≤2.0 & > 0[1] in. wc	.50	.50	.50				
4.1.1.7[2]	100 area re-circulation filter plenum (HVP-803) ΔP	[1]PDI-833-1	≤2.0 & > 0[1] in. wc	.08	.08	.08				
		PDI-833-2	≤2.0 & > 0[1] in. wc	.51	.52	.54				
		PDI-833-3	≤2.0 & > 0[1] in. wc	.50	.51	.51				
	100 area re-circulation filter plenum (HVP-804) ΔP	[1]PDI-835-1	≤2.0 & > 0[1] in. wc	.06	.06	.06				
		PDI-835-2	≤2.0 & > 0[1] in. wc	.50	.50	.50				
		PDI-835-3	≤2.0 & > 0[1] in. wc	.50	.50	.49				
4.1.3.4[2]	100 area glovebox exhaust filter plenum (FF852) ΔP	[1]PDI-815-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY				
		PDI-815-2	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY				
		PDI-815-4	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY				
		PDI-815-5	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY				
4.1.3.4[2]	100 area glovebox exhaust filter plenum (FF853) ΔP	[1]PDI-816-1	≤2.0 & > 0[1] in. wc	.41	.42	.42				
		PDI-816-2	≤2.0 & > 0[1] in. wc	.52	.52	.52				
		PDI-816-4	≤2.0 & > 0[1] in. wc	.50	.50	.49				
		PDI-816-5	≤2.0 & > 0[1] in. wc	.50	.52	.52				

Attachment B-2: Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 3 of 5)

			Date:	3/29/21	3/30/21	3/31/21				
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	~~ZH~~	VL	[illegible]				
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[3]	200 area glovebox exhaust filter plenum (FF850) ΔP	[1]PDI-812-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY				
		PDI-812-2	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY				
		PDI-812-3	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY				
		PDI-812-4	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY				
		PDI-812-5	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY				
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF851) ΔP	[1]PDI-813-1	≤2.0 & > 0[1] in. wc	.06	.07	.07				
		PDI-813-2	≤2.0 & > 0[1] in. wc	.21	.20	.22				
		PDI-813-3	≤2.0 & > 0[1] in. wc	.20	.22	.19				
		PDI-813-4	≤2.0 & > 0[1] in. wc	.22	.25	.25				
		PDI-813-5	≤2.0 & > 0[1] in. wc	.29	.29	.29				
4.1.3.4[2]	IFIT exhaust filter plenum (FF-865) ΔP	[1]PDI-865-1	≤2.0 & > 0[1] in. wc	.02	.03	.02				
		PDI-865-2	≤2.0 & > 0[1] in. wc	.39	.40	.40				
		PDI-865-3	≤2.0 & > 0[1] in. wc	.32	.35	.37				
4.1.3.4[2]	IFIT supply filter plenum (HVP-863) ΔP	[1]PDI-863-1	≤2.0 & > 0[1] in. wc	.05	.05	.04				
		PDI-863-2	≤2.0 & >0[1] in. wc	.31	.32	.31				

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 4 of 5)

			Date:	3/29/21	3/30/21	3/31/21				
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	RH	[illegible]	[illegible]				
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS**						
4.1.3.4[2]	North Basement supply filter plenum (HVP-840) ΔP	[1]PDI-857-1	≤ 2.0 & > 0[1] in. wc	.10	.10	.10				
		PDI-857-2	≤2.0 & > 0[1] in. wc	.47	.47	.47				
4.1.3.4[2]	North corridor supply filter plenum (HVP-809) ΔP	[1]PDI-856-1	≤2.0 & > 0[1] in. wc	.04	.03	.03				
		PDI-856-2	≤2.0 & > 0[1] in. wc	.60	.60	.60				
[1]**NA**	**Combustible exclusion area around basement exhaust fans FE828, FE829 and bleed-off fans FE820A, FE820B, FE820C, FE822A, FE822B, FE822C**		**0 lb/ft² combustibles in designated exclusion area (within 15 feet of fans)**	SAT	Sat	Sat				
4.3.2.2[2]	Room 201		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	Sat	Sat				
4.3.2.2[2]	Room 204		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	Sat	Sat				

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 5 of 5)

			Date:	3/29/21	3/30/21	3/31/21				
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	DU	TL	TL				
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS						
4.3.2.2[2]	Room 206		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	Sat	Sat				
4.3.2.2[2]	Room 207		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	Sat	Sat				
			Completion time	0836	0926	0804				
			OC Operator Review and Page Count Complete (initials)	JSC	TS	DH				
			OCS Daily Review Sign off (initials)	[signature]	[signature]	MJW				

[1] Non TSR requirement

[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR's 4.1.3.4 and 4.3.2.2 apply during both Mode 1 and Mode 2.

Note: Rooms 201, 206 & 207 **must be** entered for surveillance even if they are red lit, room 204 can be viewed through the window. Notify the Operations Center of any rooms that are unable to be entered for the performance of rounds, Operations Center will make a logbook entry recording the room(s) and reason(s) for non-entry. Document in the comments section any room(s) and reason(s) they were unable to be entered for rounds.

Completed by: T. Pierquatt Date 3/31/21 Time 0804 Reviewed by: [signature] On-duty Supervisor Date: 3/31/21 Time: 2148

Comments:

Attachment C, Non-PF-4 Daily Surveillance Rounds [UET]

(Page 1 of 1)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

M&TE Calibrated Data						
Record September through April only	PF-10 Thermometer File No.:	639746	PF-10 Thermistor File No.:	105353	V-701 Thermistor File No.:	103763
	Calibration Expiration Date:	08/05/21	Calibration Expiration Date:	08/13/21	Calibration Expiration Date:	08/13/21
	PF-11 Thermometer File No.:	039745	PF-11 Thermistor File No.:	105352	V-704 Thermistor File No.:	103761
	Calibration Expiration Date:	08/05/21	Calibration Expiration Date:	08/13/21	Calibration Expiration Date:	08/13/21

PF-10 & PF-11 Pump house Room Temperature and V-701 & V-704 Fire Water Storage Tank Temperature									
Daily (September through April only)		Date:	03/29/21	3/30/21	3/31/21 PJC 3/31/21				
		Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
		Initials:	[illegible]	PJC	PJC				
SR	**Description**	**Acceptance Criteria**							
NA	ENSURE *M&TE Calibration Data* above is recorded and calibration dates have not elapsed.	Calibration dates have not elapsed	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT	SAT /UNSAT	SAT /UNSAT	SAT /UNSAT	SAT /UNSAT
4.3.1.1[1]	RECORD fire water storage tank V-701 temperature	≥ 42.1 F	54.4	54.7	54.0				
4.3.1.1[1]	RECORD fire water storage tank V-704 temperature	≥ 42.1 F	54.1	53.9	53.3				
4.3.1.3[1]	RECORD PF-10 room temperature	≥ 50.1 F	61.4	62.1	56.8				
4.3.1.3[1]	RECORD PF-11 room temperature	≥ 50.1 F	58.5	60.5	59.0				
		Completion Time:	0934	0712	0723				
	OC Operator Review and Page Count Complete (initials)		TS	TS	OH				
	OCS Daily Review Sign off (initials)		[illegible]	[illegible]	MJW				

[1] Temperatures should be recorded using Reference Thermometer FLUKE Model 1524 connected to Thermistor Probe Fluke Model 5610-9 (or approved engineered equivalent).

Completed by: [signature] Date 3/31/21 Time 0723

Reviewed by: [signature] Date: 3/31/21 Time: 2150
On-duty Supervisor

Comments: _____

Attachment D, Monthly Surveillance Rounds (Confinement Doors) [UET]

(Page 1 of 2)

NOTE: This entire Attachment is to be treated as Surveillance Requirement implementing actions.

SRs	Equipment	Location	Acceptance criteria	Sat or Unsat.	Completion Time:	Date:	Initials	CDV Initials
*Note	Confinement DR-344	Southeast	Verify that the Astragals and Jamb-Seal features are in-place and cover the gaps present 1. Between the door leaves and 2. Between the frame and the door edge when the doors are in the closed position	(Sat) / Unsat.	1310	3/4/4	RN	BSC
4.1.3.2[1]	Confinement Door DR-344	Southeast	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure. For each confinement door, VERIFY that one leaf of the door(s) is secured shut (NW, NE, SW, SE, south basement door)	(Sat) / Unsat.	1311	3/4/21	RN	BSC
4.1.3.2[1]	Confinement Door DR-149	Northeast	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure. For each confinement door, VERIFY that one leaf of the door(s) is secured shut (NW, NE, SW, SE, south basement door)	(Sat) / Unsat.	1342	3/4/21	RN	BSC
*Note	Confinement DR-102	Northwest	Verify that the Astragals and Jamb-Seal features are in-place and cover the gaps present 1. Between the door leaves and 2. Between the frame and the door edge when the doors are in the closed position	(Sat) / Unsat.	1450	3/4/21	RN	BSC
4.1.3.2[1]	Confinement Door DR-102	Northwest	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure. For each confinement door, VERIFY that one leaf of the door(s) is secured shut (NW, NE, SW, SE, south basement door)	(Sat) / Unsat.	1451	3/4/21	RN	BSC
			AND VERIFY and RECORD the time (using calibrated stop watch) that the door(s) goes to the fully closed position via the automatic door closure is ≤ 30 seconds. 45 Seconds	(Sat) / Unsat.	1452	3/4/21	RN	BSC

*** Note:** Monthly Inspection of DR-344 and DR-102 in accordance with compensatory measure(s) from: *Request for Permanent Equivalency to OE Order 420.1B Chapter II, NFPA 80, NFPA 101 and IBC Requirements for LANL Building TA55-4 (PF-4); Installation of New Confinement Doors DR-102, DR-302, and DR-344 LANL-DOE-ORDER-420.1B-EQ-2013-001*

Attachment D, Monthly Surveillance Rounds (Confinement Doors) [UET]

(Page 2 of 2)

SRs	Equipment	Location	Acceptance criteria	Sat or Unsat.	Completion Time:	Date:	Initials	CDV Initials
4.1.3.2[1]	Confinement Door DR-302	Southwest	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure For each confinement door, VERIFY that one leaf of the door(s) is secured shut (NW, NE, SW, SE, south basement door)	(Sat) / Unsat	1506	3/4/21	RN	RJC
			AND VERIFY and RECORD the time (using calibrated stop watch) that the door(s) goes to the fully closed position via the automatic door closure is ≤ 30 seconds. 6.8 Seconds	(Sat) / Unsat	1507	3/4/21	RN	RJC
4.1.3.2[1]	Confinement Door DR-4	N Basement Personnel door DR-4	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure	(Sat) / Unsat	1411	3/4/21	RN	RJC
4.1.3.2[1]	Confinement Door DR-90	South Basement Door (Tunnel)	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure For each confinement door, VERIFY that one leaf of the door(s) is secured shut (NW, NE, SW, SE, south basement door)	(Sat) / Unsat	1523	3/4/21	RN	RJC
					OC Operator Review and Page Count Complete		BC	MM

[1] SR 4.1.3.2 applies during both Mode 1 and Mode 2.

Completed by RHöhner Date 3/4/21 Time 1525 Reviewed by [signature] Date 3/4/21 Time 1601

Concurrent Dual Verifier Pat [illegible] Date 3/4/21 Time 1605

On-duty Supervisor Comments _____

Attachment B, Surveillance Training Checklist

(Page 1 of 2)

Procedure title:	ADMINISTRATIVE ROUNDS
Procedure no.:	TA55-RS-004 R24
Date of issue:	04.01.2021
Working copy issued to:	M MILLER
Working copy issued by:	B CHANCE
	Certified Operations Center Operator (OCO)

Procedure is the current revision listed in Documentum: ☑ Yes ☐ Documentum Unavailable

Performance Type: ☑ Scheduled ☐ Partial ☐ Other *If partial or other list reason in Comments below*

Comments: *(Document TSR Status Board tracking date here if different from completion date.)*

Training Checklist:

Workers Performing Surveillance	Applicable Surveillance Training Current	
	OCO Initials	Date
J CEDILLO	BC	4.1.21
B CHANCE	BC	4.1.21
C COCHRAN	BC	4.1.21
D HEINTSCHEL	BC	4.1.21
T STILSON	BC	4.1.21
M WELLS	BC	4.1.21
A JAURIGUE	BC	4.1.21
M MILLER	BC	4.1.21
R PRICE	BC	4.1.21

OC Reviews Complete and TSR Status Board Updated

/ 5-1-21

OCO Signature Date

Attachment B, Surveillance Training Checklist (continued)

(Page 2 of 2)

Training Checklist (continuation sheet)

Workers Performing Surveillance	Applicable Surveillance Training Current	
	Initials	Date
F SEYBERT	BC	4.1.21
D DUNLAVY	BC	4.1.21
K ASHLEY	BC	4.1.21
M WASHBURN	BC	4.1.21
A CANTU	BC	4.1.21
P CONNELLY	BC	4.1.21
K BRAUER	BC	4.1.21
R HOHNER	BC	4.1.21
M IRISH	BC	4.1.21
T LANGWORTHY	BC	4.1.21
J MARTINEZ	BC	4.1.21
S SHELDON	BC	4/1/21
A SANCHEZ	BC	4.1.21
M VIGIL	BC	4.1.21
R. MARTINEZ	BC	4.1.21

Attachment B, Surveillance Training Checklist

(Page 1 of 2)

Procedure title:	SURVEILLANCE ROUNDS
Procedure no.:	TA55-STP-004 R 21
Date of issue:	04.01.2021
Working copy issued to:	M. MILLER
Working copy issued by:	B CHANCE
	Certified Operations Center Operator (OCO)

Procedure is the current revision listed in Documentum: ☑ Yes ☐ Documentum Unavailable

Performance Type: ☑ Scheduled ☐ Partial ☐ Other *If partial or other list reason in Comments below*

Comments: *(Document TSR Status Board tracking date here if different from completion date.)*

Training Checklist:

Workers Performing Surveillance	Applicable Surveillance Training Current	
	OCO Initials	Date
J CEDILLO	BC	4.1.21
B CHANCE	BC	4.1.21
C COCHRAN	BC	4.1.21
D HEINTSCHEL	BC	4.1.21
T STILSON	BC	4.1.21
M WELLS	BC	4.1.21
A JAURIGUE	BC	4.1.21
M MILLER	BC	4.1.21
R PRICE	BC	4.1.21

OC Reviews Complete and TSR Status Board Updated

OCO Signature 5-1-2021 Date

Attachment B, Surveillance Training Checklist (continued)

(Page 2 of 2)

Training Checklist (continuation sheet)

Workers Performing Surveillance	Applicable Surveillance Training Current	
	Initials	Date
F SEYBERT	BC	4.1.21
D DUNLAVY	BC	4.1.21
K ASHLEY	BC	4.1.21
M WASHBURN	BC	4.1.21
R HOHNER	BC	4.1.21
M IRISH	BC	4.1.21
T LANGWORTHY	BC	4.1.21
J MARTINEZ	BC	4.1.21
S SHELDON	BC	4/1/21
A SANCHEZ	BC	4.1.21
M VIGIL	BC	4.1.21
A CANTU	BC	4.1.21
P CONNELLY	BC	4.1.21
K BRAVER	BC	4.1.21
R MARTINEZ	BC	4.1.21

Attachment D, Monthly Surveillance Rounds (Confinement Doors) [UET]

(Page 1 of 2)

NOTE: This entire Attachment is to be treated as Surveillance Requirement implementing actions.

SRs	Equipment	Location	Acceptance criteria	Sat or Unsat.	Completion Time:	Date:	Initials	CDV Initials
*Note	Confinement DR-344	Southeast	Verify that the Astragals and Jamb-Seal features are in-place and cover the gaps present 1. Between the door leaves and 2. Between the frame and the door edge when the doors are in the closed position	(Sat) / Unsat	1500	4/1/21	TL	(P)
4.1.3.2[1]	Confinement Door DR-344	Southeast	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure For each confinement door, VERIFY that one leaf of the door(s) is secured shut (NW, NE, SW, SE, south basement door)	(Sat) / Unsat	1500	4/1/21	TL	(P)
4.1.3.2[1]	Confinement Door DR-149	Northeast	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure For each confinement door, VERIFY that one leaf of the door(s) is secured shut (NW, NE, SW, SE, south basement door)	(Sat.) / Unsat.	1328	4/1/21	TL	(P)
*Note	Confinement DR-102	Northwest	Verify that the Astragals and Jamb-Seal features are in-place and cover the gaps present 1. Between the door leaves and 2. Between the frame and the door edge when the doors are in the closed position	(Sat) / Unsat	1350	4/1/21	TL	(P)
4.1.3.2[1]	Confinement Door DR-102	Northwest	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure For each confinement door, VERIFY that one leaf of the door(s) is secured shut (NW, NE, SW, SE, south basement door)	(Sat) / Unsat	1350	4/1/21	TL	(P)
			AND VERIFY and RECORD the time (using calibrated stop watch) that the door(s) goes to the fully closed position via the automatic door closure is ≤ 30 seconds 5.0 Seconds	(Sat) / Unsat	1350	4/1/21	TL	(P)

* **Note:** Monthly Inspection of DR-344 and DR-102 in accordance with compensatory measure(s) from: *Request for Permanent Equivalency to OE Order 420.1B Chapter II, NFPA 80, NFPA 101 and IBC Requirements for LANL Building TA55-4 (PF-4); Installation of New Confinement Doors DR-102, DR-302, and DR-344 LANL-DOE-ORDER-420.1B-EQ-2013-001*

Attachment D, Monthly Surveillance Rounds (Confinement Doors) [UET]

(Page 2 of 2)

SRs	Equipment	Location	Acceptance criteria	Sat or Unsat.	Completion Time:	Date:	Initials	CDV Initials
4.1.3.2[1]	Confinement Door DR-302	Southwest	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure For each confinement door, VERIFY that one leaf of the door(s) is secured shut (NW, NE, SW, SE, south basement door)	(Sat.) Unsat.	1406	4/1/21	[signature]	[signature]
			AND VERIFY and RECORD the time (using calibrated stop watch) that the door(s) goes to the fully closed position via the automatic door closure is ≤ 30 seconds 7.0 Seconds	(Sat.) Unsat.	1406	4/1/21	[signature]	[signature]
4.1.3.2[1]	Confinement Door DR-4	N. Basement Personnel door DR-4	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure	(Sat.) Unsat.	1432	4/1/21	[signature]	[signature]
4.1.3.2[1]	Confinement Door DR-90	South Basement Door (Tunnel)	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure For each confinement door, VERIFY that one leaf of the door(s) is secured shut (NW, NE, SW, SE, south basement door)	(Sat.) Unsat.	1648	4/1/21	[signature]	[signature]
						OC Operator Review and Page Count Complete	[signature]	ARJ

[1] SR 4.1.3.2 applies during both Mode 1 and Mode 2.

Completed by: [signature] Date 4/1/21 Time 1650 Reviewed by: [signature] Date: 4/1/21 Time: 1702

Concurrent Dual Verifier [signature] Date 4/1/21 Time 1435

On-duty Supervisor Comments: 4/1/21 1650

Attachment D, Monthly Surveillance Rounds (Confinement Doors) [UET]

(Page 1 of 2)

NOTE: This entire Attachment is to be treated as Surveillance Requirement implementing actions.

SRs	Equipment	Location	Acceptance criteria	Sat or Unsat.	Completion Time:	Date:	Initials	CDV Initials
*Note	Confinement DR-344	Southeast	Verify that the Astragals and Jamb-Seal features are in-place and cover the gaps present 1. Between the door leaves and 2. Between the frame and the door edge when the doors are in the closed position	Sat / (Unsat)	1415	4-29-21		
4.1.3.2[1]	Confinement Door DR-344	Southeast	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure For each confinement door, VERIFY that one leaf of the door(s) is secured shut (NW, NE, SW, SE, south basement door)	(Sat) / Unsat	1415	4-29-21		
4.1.3.2[1]	Confinement Door DR-149	Northeast	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure For each confinement door, VERIFY that one leaf of the door(s) is secured shut (NW, NE, SW, SE, south basement door)	(Sat) / Unsat	1312	4-29-21		
*Note	Confinement DR-102	Northwest	Verify that the Astragals and Jamb-Seal features are in-place and cover the gaps present 1. Between the door leaves and 2. Between the frame and the door edge when the doors are in the closed position	(Sat) / Unsat	1328	4-29-21		
4.1.3.2[1]	Confinement Door DR-102	Northwest	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure For each confinement door, VERIFY that one leaf of the door(s) is secured shut (NW, NE, SW, SE, south basement door)	(Sat) / Unsat	1328	4-29-21		
			AND VERIFY and RECORD the time (using calibrated stop watch) that the door(s) goes to the fully closed position via the automatic door closure is ≤ 30 seconds 4 Seconds	(Sat) / Unsat	1328	4-29-21		

* **Note:** Monthly Inspection of DR-344 and DR-102 in accordance with compensatory measure(s) from: *Request for Permanent Equivalency to OE Order 420.1B Chapter II, NFPA 80, NFPA 101 and IBC Requirements for LANL Building TA55-4 (PF-4); Installation of New Confinement Doors DR-102, DR-302, and DR-344 LANL-DOE-ORDER-420.1B-EQ-2013-001*

Attachment D, Monthly Surveillance Rounds (Confinement Doors) [UET]

(Page 2 of 2)

SRs	Equipment	Location	Acceptance criteria	Sat or Unsat.	Completion Time:	Date:	Initials	CDV Initials
4.1.3.2[1]	Confinement Door DR-302	Southwest	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure For each confinement door, VERIFY that one leaf of the door(s) is secured shut (NW, NE, SW, SE, south basement door)	(Sat) / Unsat	1338	4-29-21	MM	R
			AND VERIFY and RECORD the time (using calibrated stop watch) that the door(s) goes to the fully closed position via the automatic door closure is ≤ 30 seconds 7 seconds Seconds	(Sat) / Unsat	1338	4-29-21	MM	R
4.1.3.2[1]	Confinement Door DR-4	N. Basement Personnel door DR-4	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure	(Sat) / Unsat	1400	4-29-21	MM	R
4.1.3.2[1]	Confinement Door DR-90	South Basement Door (Tunnel)	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure For each confinement door, VERIFY that one leaf of the door(s) is secured shut (NW, NE, SW, SE, south basement door)	(Sat) / Unsat	1348	4-29-21	MM	R
						OC Operator Review and Page Count Complete	M	M

[1] SR 4.1.3.2 applies during both Mode 1 and Mode 2.

Completed by: Michael M. Dash Date 4/29/21 Time 1436 Reviewed by: [signature] Date: 4/29/21 Time: 0239

Concurrent Dual Verifier: [signature] Date 4-29-21 Time 1436

On-duty Supervisor Comments:

FSR Submitted by CSE.

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 1 of 3)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

Note Gauge readings should be taken on rack #4 in the OC. whenever possible. Document if alternate PDIs are used.		**Date:**							4-1-21		4/2/21		4-3-21		4/4/21	
		Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
		Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
		Initials:							TS	BC	[illegible]	BC	[illegible]	BC	[illegible]	[illegible]
SRs	**Description**	**Gauge Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**													
4.1.1.1 4.1.2.1[2]	**200 area glovebox exhaust header ΔP**	PDI-814-1 or PDI-814-2 ≤-1.5 in. wc[1]							-2.04	-2.02	-2.00	-2.00	-2.01	-1.98	-2.00	-2.00
	100 area glovebox exhaust header ΔP	PDI-820-1 or PDI-820-2 ≤-1.5 in. wc[1]							-1.90	-1.92	-1.91	-1.91	-1.88	-1.90	-1.89	-1.91
	300 area glovebox exhaust header ΔP	PDI-870-1 or PDI-870-2 ≤-1.5 in. wc[1]							-1.97	-1.98	-1.96	-1.98	-1.97	-1.97	-1.98	-1.96
	400 area glovebox exhaust header ΔP	PDI-864-1 or PDI-864-2 ≤-1.5 in. wc[1]							-1.97	-1.97	-1.97	-1.97	-1.97	-1.99	-2.00	-1.97
4.1.1.2 4.1.1.5[3] 4.1.2.2[2]	**200 area laboratory header ΔP**	PDI-803-1 or PDI-803-2 ≤-0.05 in. wc[1]							-.18	-.21	-0.20	-.21	-0.19	-.22	-0.20	-.22
	100 area laboratory header ΔP	PDI-802-1 or PDI-802-2 ≤-0.05 in. wc[1]							-.25	-.25	-0.21	-.27	-0.27	-.27	-0.26	-.28
	300 area laboratory header ΔP	PDI-853-1 or PDI-853-2 ≤-0.05 in. wc[1]							-.18	-.18	-0.22	-.18	-0.18	-.18	-0.18	-.22
	400 area laboratory header ΔP	PDI-852-1 or PDI-852-2 ≤-0.05 in. wc[1]							-.18	-.18	-0.21	-.17	-0.18	-.16	-0.17	-.21
	IFIT Facility ΔP	PDI-865-4 or PDI-865-5 ≤-0.05 in. wc							TS 4-1-21 -.09 -.16	-.15	-0.15	-.15	-0.15	-.15	-0.15	-.15
4.1.1.3 4.1.2.3[2]	**North basement ΔP**	PDI-804-1 or PDI-804-2 < 0.00 in. wc							-.09	-.09	-0.09	-.09	-0.09	-.09	-0.09	-.09
	South basement ΔP	PDI-854-1 or PDI-854-2 < 0.00 in. wc							-.09	-.09	-0.09	-.09	-0.09	-.09	-0.09	-.09
	IRT Tunnel ΔP	PDT-901 or PDI-901 < 0.00 in. wc							TS 4-1-21 -.099 -.099	-.112	-0.110	-.112	-0.110	-.110	-0.12	-.115

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 2 of 3)

Note: Readings should be taken using FCS screens FMT#151,152,201LD and 202LD. Field verification and local plenum PDI's may be used if FCS is unavailable.																	
			Date:							4-1-21		4/2/21		4-3-21		4/4/21	
			Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
			Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
			Initials:							TS	BC	[illegible]	BC	JSV	BC	[illegible]	BC
SRs	**Description**	**Readings**	**Acceptance Criteria**	**SURVEILLANCE RESULTS Sat / Unsat (circle one)**													
4.1.1.6	**200 area re-circulation fan/ plenum**	FR-801 Icon red and PDT-831 ΔP >.050 or FR-802 Icon red and PDT-832 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat
	100 area re-circulation fan/ plenum	FR-803 Icon red and PDT-833 ΔP >.050 or FR-804 Icon red and PDT-835 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat
	300 area re-circulation fan/ plenum	FR-805 Icon red and PDT-836 ΔP >.050 or FR-806 Icon red and PDT-837 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat
	400 area re-circulation fan/ plenum	FR-807 Icon red and PDT-838 ΔP >.050 or FR-808 Icon red and PDT-839 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat
	Vault re-circulation fan/ plenum	FR-811 Icon red and PDT-840 ΔP >.050 or FR-812 Icon red and PDT-841 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 3 of 3)

Note
Gauge readings should be taken on rack #4 in the OC when possible, local PDI equivalents may be used if necessary. Document any alternate PDIs used.

Date:							4-1-21		4/2/21		4-3-21		4/4/21	
Weekday:	Mon		Tue		Wed		Thu		Fri		Sat		Sun	
Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
Initials:							TS	BC		BC	JSC	BC		BC

SRs	Description	Area	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS Sat / Unsat (circle one)													
4.1.1.4	Glovebox exhaust header ΔPs < laboratory ΔPs < basement ΔPs for areas 100, 200, 300 and 400	200 Area	PDI-814-2 PDI-803-2 PDI-804-2	PDI-814-2 < PDI-803-2 < PDI-804-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		100 Area	PDI-820-2 PDI-802-2 PDI-804-2	PDI-820-2 < PDI-802-2 < PDI-804-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		300 Area	PDI-870-2 PDI-853-2 PDI-854-2	PDI-870-2 < PDI-853-2 < PDI-854-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		400 Area	PDI-864-2 PDI-852-2 PDI-854-2	PDI-864-2 < PDI-852-2 < PDI-854-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		Completion Time									0732	1927	0720	1918	0519	1909	0707	1912
		OCS Daily Review Sign off (initials)									AR							1923

[1] Mode 2 acceptance criteria is < 0.00 in. wc.
[2] SRs 4.1.2.x only apply during Mode 2 in accordance with LCO 3.1.2.
[3] SRs 4.1.1.5 is only applicable when MAR is in the IFIT Facility

Completed by: BC Date 04.04.21 Time 1912 Reviewed by: _____ Date: 4/4/21 Time: 1924
On-duty Supervisor

Comments: _____

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 1 of 4)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

SR 4.4.1.1, The OPERABILITY acceptance criterion for this surveillance is:
The FLAMMABLE GAS detector in the FSTF FLAMMABLE GAS SOURCE storage cabinet is exposed to the ambient atmosphere in the storage cabinet. The gas concentration readout directly on the detector in the storage cabinet is compared with the gas concentration readout on the system control and alarm panel. The difference between the two readings is checked to VERIFY it is in the range of (≥-0.1; ≤0.1).

		Date:				4/1/21	4/2/21	4/3/21	4/4/21
		Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
		Initials:				[illegible]	[illegible]	MV	[illegible]
SR 4.4.1.1	Description / Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (percentage)						
	Flammable Gas Channel Check DET-305-3 (LCD Reading)	NA				005	005	005	005
	CP-305-H (LED Reading)					005	005	005	005
	(DET-305-3) – (CP-305H)	Record Calculated Value				005	005	005	005
	(LCD Reading) (LED Reading)	≥ -0.1; ≤+0.1	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005
		Completion Time:				0718	0806	0743	0841

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 2 of 4)

			Date:				4/1/21	4/2/21	4/3/21	4/4/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:				TL	[illegible]	MV	ZN
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.3.4[2]	South basement supply filter plenum (HVP-841) ΔP	[1]PDI-894-1	≤2.0 & > 0[1] in. wc				.03	.03	.02	.02
		PDI-894-2	≤2.0 & > 0[1] in. wc				.49	.49	.49	.50
4.1.3.4[2]	South Corridor supply (HVP-810) ΔP	[1]PDI-895-1	≤2.0 & > 0[1] in. wc				.04	.04	.04	.05
		PDI-895-2	≤2.0 & > 0[1] in. wc				.73	.70	.70	.70
4.1.3.4[2]	300 area glovebox exhaust filter plenum (FF854) ΔP	[1]PDI-817-1	≤2.0 & > 0[1] in. wc				.29	.29	.29	.29
		PDI-817-2	≤2.0 & > 0[1] in. wc				.30	.30	.30	.30
		PDI-817-4	≤2.0 & > 0[1] in. wc				.32	.32	.32	.31
		PDI-817-5	≤2.0 & > 0[1] in. wc				.31	.31	.31	.30
4.1.3.4[2]	300 area special recovery glovebox exhaust filter plenum (FF858) ΔP	PDI-81 9-1	≤2.0 & > 0[1] in. wc				.46	.46	.46	.46
		PDI-81 9-3	≤2.0 & > 0[1] in. wc				.45	.45	.45	.45
		PDI-819-4	≤2.0 & > 0[1] in. wc				.40	.40	.40	.40
4.1.3.4[2]	300 area glovebox exhaust filter plenum (FF855) ΔP	[1]PDI-818-1	≤2.0 & > 0[1] in. wc				STBY	STBY	STBY	STBY
		PDI-818-2	≤2.0 & > 0[1] in. wc				STBY	STBY	STBY	STBY
		PDI-818-4	≤2.0 & > 0[1] in. wc				STBY	STBY	STBY	STBY
		PDI-818-5	≤2.0 & > 0[1] in. wc				STBY	STBY	STBY	STBY
4.1.3.4[2]	300 area special recovery glovebox exhaust filter plenum (FF859) ΔP	PDI-821-1	≤2.0 & > 0[1] in. wc				STBY	STBY	STBY	STBY
		PDI-821-3	≤2.0 & > 0[1] in. wc				STBY	STBY	STBY	STBY
		PDI-821-4	≤2.0 & > 0[1] in. wc				STBY	STBY	STBY	STBY

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 3 of 4)

			Date:				4/1/21	4/2/21	4/3/21	4/4/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:				RL	RL	MV	RA
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	**400 area glovebox exhaust filter plenum (FF856) ΔP**	[1]PDI-822-1	≤2.0 & > 0[1] in. wc				.12	.12	.12	.13
		PDI-822-2	≤2.0 & > 0[1] in. wc				.60	.59	.59	.59
		PDI-822-4	≤2.0 & > 0[1] in. wc				.42	.42	.42	.42
		PDI-822-5	≤2.0 & > 0[1] in. wc				.58	.58	.58	.59
4.1.3.4[2]	**400 area glovebox exhaust filter plenum (FF857) ΔP**	[1]PDI-823-1	≤2.0 & > 0[1] in. wc				STBY	Stby	STBY	STBY
		PDI-823-2	≤2.0 & > 0[1] in. wc				STBY	Stby	STBY	STBY
		PDI-823-4	≤2.0 & > 0[1] in. wc				STBY	Stby	STBY	STBY
		PDI-823—5	≤2.0 & > 0[1] in. wc				STBY	Stby	STBY	STBY
4.1.3.4[2]	**South Basement exhaust filter plenum (FF-829) ΔP**	[1]PDI-830-1	≤2.0 & > 0[1] in. wc				.25	.22	.38	.25
		PDI-830-2	≤2.0 & > 0[1] in. wc				.10	.09	.10	.10
		PDI-830-3	≤2.0 & > 0[1] in. wc				.11	.11	.11	.11
4.1.1.7[2]	**300 area re-circulation filter plenum (HVP-805) ΔP**	[1]PDI-836-1	≤2.0 & > 0[1] in. wc				.07	.07	.07	.07
		PDI-836-2	≤2.0 & > 0[1] in. wc				.67	.67	.67	.67
		PDI-836-3	≤2.0 & > 0[1] in. wc				.68	.68	.68	.69
	300 area re-circulation filter plenum (HVP-806) ΔP	[1]PDI-837-1	≤2.0 & > 0[1] in. wc				.04	.04	.04	.04
		PDI-837-2	≤2.0 & > 0[1] in. wc				.49	.49	.49	.49
		PDI-837-3	≤2.0 & > 0[1] in. wc				.42	.43	.42	.42

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 4 of 4)

			Date:				4/1/21	4/2/21	4/3/21	4/4/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:				TL	TL	MV	JH
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.1.7[2]	400 area re-circulation filter plenum (HVP-807) ΔP	[1]PDI-838-1	≤2.0 & > 0[1] in. wc				.59	.59	.59	.60
		PDI-838-2	≤2.0 & > 0[1] in. wc				.60	.59	.59	.59
		PDI-838-3	≤2.0 & > 0[1] in. wc				.60	.59	.59	.59
	400 area re-circulation filter plenum (HVP-808) ΔP	[1]PDI-839-1	≤2.0 & > 0[1] in. wc				.41	.41	.41	.40
		PDI-839-2	≤2.0 & > 0[1] in. wc				.51	.51	.51	.51
		PDI-839-3	≤2.0 & > 0[1] in. wc				.52	.52	.52	.51
4.1.3.4[2]	South Bleed off filter plenum (FF-822A) ΔP	[1]PDI-810-1	≤2.0 & > 0[1] in. wc				.16	.17	.17	.16
		PDI-810-2	≤2.0 & > 0[1] in. wc				.88	.88	.88	.82
		PDI-810-3	≤2.0 & > 0[1] in. wc				.52	.52	.52	.50
4.1.3.4[2]	South Bleed off filter plenum (FF-822B) ΔP	[1]PDI -811 - 1	≤2.0 & > 0[1] in. wc				OFF	OFF	OFF	OFF
		PDI -811 -2	≤2.0 & > 0[1] in. wc				OFF	OFF	OFF	OFF
		PDI -811 -3	≤2.0 & > 0[1] in. wc				OFF	OFF	OFF	OFF
			Completion Time				0835	0806	0900	0913
OC Operator Review and Page Count Complete (initials)							TS	TS	JSL	JSL
OCS Daily Review Sign off (initials)							AMJ			

[1] Non TSR requirement

[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR 4.1.3.4 apply during both Mode 1 and Mode 2 as stated in LCO 3.1.3.

Completed by: RJohnson Date: 4/4/21 Time: 0913 Reviewed by: _____ (On-duty Supervisor) Date: 4/4/21 Time: 0911

Comments: 4.4.1.1 Meter is Out of Service, awaiting calibration.

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 1 of 5)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

			Date:				4/1/21	4/2/21	4/3/21	4/4/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:				TL	TL	MV	EH
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.1.7[2]	**Vault re-circulation filter plenum (HVP-811) ΔP Vault re-circulation filter plenum (HVP-812) ΔP**	[1]PDI-840-1	≤2.0 & > 0[1] in. wc				.16	.16	.16	.16
		PDI-840-2	≤2.0 & > 0 in[1]. wc				.52	.52	.52	.52
		PDI-840-3	≤2.0 & > 0[1] in. wc				.51	.51	.51	.50
		[1]PDI-841-1	≤2.0 & > 0[1] in. wc				STBY	STBY	STBY	STBY
		PDI-841-2	≤2.0 & > 0[1] in. wc				STBY	STBY	STBY	STBY
		PDI-841-3	≤2.0 & > 0[1] in. wc				STBY	STBY	STBY	STBY
	200 area re-circulation filter plenum (HVP-801) ΔP	[1]PDI-831-1	≤2.0 & > 0[1] in. wc				.36	.36	.36	.36
		PDI-831-2	≤2.0 & > 0[1] in. wc				.42	.42	.42	.42
		PDI-831-3	≤2.0 & > 0[1] in. wc				.40	.39	.39	.40
	200 area re-circulation filter plenum (HVP-802) ΔP	[1]PDI-832-1	≤2.0 & > 0[1] in. wc				.62	.62	.62	.61
		PDI-832-2	≤2.0 & > 0[1] in. wc				.68	.68	.68	.68
		PDI-832-3	≤2.0 & > 0[1] in. wc				.60	.61	.60	.60
4.1.3.4[2]	**North Bleed off filter plenum (FF-820A) ΔP**	[1]PDI-807-1	≤2.0 & > 0[1] in. wc				OFF	off	off	OFF
		PDI-807-2	≤2.0 & > 0[1] in. wc				OFF	off	off	OFF
		PDI-807-3	≤2.0 & > 0[1] in. wc				OFF	off	off	OFF
4.1.3.4[2]	**North Bleed off filter plenum (FF-820B) ΔP**	[1]PDI-809-1	≤2.0 & > 0[1] in. wc				~~TL 4/1/21 .07~~	.07	.07	.04
		PDI-809-2	≤2.0 & > 0[1] in. wc				.52	.52	.52	.51
		PDI-809-3	≤2.0 & > 0[1] in. wc				.50	.50	.50	.50

Attachment B-2: Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 2 of 5)

			Date:				4/1/21	4/2/21	4/3/21	4/4/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:				TL	TL	MV	RH
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.3.4[2]	North Basement exhaust filter plenum (FF-828) ΔP	[1]PDI-829-1	≤2.0 & > 0[1] in. wc				.07	.06	.06	.06
		PDI-829-2	≤2.0 & > 0[1] in. wc				.52	.52	.51	.50
		PDI-829-3	≤2.0 & > 0[1] in. wc				.50	.50	.49	.49
4.1.1.7[2]	100 area re-circulation filter plenum (HVP-803) ΔP	[1]PDI-833-1	≤2.0 & > 0[1] in. wc				.08	.08	.08	.08
		PDI-833-2	≤2.0 & > 0[1] in. wc				.54	.53	.54	.53
		PDI-833-3	≤2.0 & > 0[1] in. wc				.51	.50	.51	.50
	100 area re-circulation filter plenum (HVP-804) ΔP	[1]PDI-835-1	≤2.0 & > 0[1] in. wc				.06	.06	.06	.06
		PDI-835-2	≤2.0 & > 0[1] in. wc				.50	.50	.50	.50
		PDI-835-3	≤2.0 & > 0[1] in. wc				.50	.50	.50	.50
4.1.3.4[2]	100 area glovebox exhaust filter plenum (FF852) ΔP	[1]PDI-815-1	≤2.0 & > 0[1] in. wc				STBY	Stby	STBY	STBY
		PDI-815-2	≤2.0 & > 0[1] in. wc				STBY	Stby	STBY	STBY
		PDI-815-4	≤2.0 & > 0[1] in. wc				STBY	Stby	STBY	STBY
		PDI-815-5	≤2.0 & > 0[1] in. wc				STBY	Stby	STBY	STBY
4.1.3.4[2]	100 area glovebox exhaust filter plenum (FF853) ΔP	[1]PDI-816-1	≤2.0 & > 0[1] in. wc				.40	.40	.40	.41
		PDI-816-2	≤2.0 & > 0[1] in. wc				.52	.53	.53	.55
		PDI-816-4	≤2.0 & > 0[1] in. wc				.56	.50	.50	.50
		PDI-816-5	≤2.0 & > 0[1] in. wc				.51	.51	.51	.51

Attachment B-2: Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 3 of 5)

			Date:				4/1/21	4/2/21	4/3/21	4/4/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:						MV	
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF850) ΔP	[1]PDI-812-1	≤2.0 & > 0[1] in. wc				STBY	Stby	STBY	STBY
		PDI-812-2	≤2.0 & > 0[1] in. wc				STBY	Stby	STBY	STBY
		PDI-812-3	≤2.0 & > 0[1] in. wc				STBY	Stby	STBY	STBY
		PDI-812-4	≤2.0 & > 0[1] in. wc				STBY	Stby	STBY	STBY
		PDI-812-5	≤2.0 & > 0[1] in. wc				STBY	Stby	STBY	STBY
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF851) ΔP	[1]PDI-813-1	≤2.0 & > 0[1] in. wc				.07	.07	.07	.08
		PDI-813-2	≤2.0 & > 0[1] in. wc				.22	.23	.23	.22
		PDI-813-3	≤2.0 & > 0[1] in. wc				.19	.19	.19	.20
		PDI-813-4	≤2.0 & > 0[1] in. wc				.23	.23	.23	.25
		PDI-813-5	≤2.0 & > 0[1] in. wc				.28	.28	.28	.29
4.1.3.4[2]	IFIT exhaust filter plenum (FF-865) ΔP	[1]PDI-865-1	≤2.0 & > 0[1] in. wc				.02	.02	.02	.02
		PDI-865-2	≤2.0 & > 0[1] in. wc				.40	.40	.40	.40
		PDI-865-3	≤2.0 & > 0[1] in. wc				.35	.35	.35	.35
4.1.3.4[2]	IFIT supply filter plenum (HVP-863) ΔP	[1]PDI-863-1	≤2.0 & > 0[1] in. wc				.04	.04	.04	.04
		PDI-863-2	≤2.0 & >0[1] in. wc				.32	.32	.32	.32

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 4 of 5)

			Date:				4/1/21	4/2/21	4/3/21	4/4/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:							
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS**						
4.1.3.4[2]	North Basement supply filter plenum (HVP-840) ΔP	[1]PDI-857-1	≤ 2.0 & > 0[1] in. wc				.10	.10	.10	.10
		PDI-857-2	≤ 2.0 & > 0[1] in. wc				.48	.48	.48	.49
4.1.3.4[2]	North corridor supply filter plenum (HVP-809) ΔP	[1]PDI-856-1	≤ 2.0 & > 0[1] in. wc				.03	.02	.02	.03
		PDI-856-2	≤ 2.0 & > 0[1] in. wc				.61	.61	.61	.61
[1]NA	**Combustible exclusion area around basement exhaust fans FE828, FE829 and bleed-off fans FE820A, FE820B, FE820C, FE822A, FE822B, FE822C**		**0 lb/ft² combustibles in designated exclusion area (within 15 feet of fans)**				Sat	Sat	SAT	SAT
4.3.2.2[2]	Room 201		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less				Sat	Sat	SAT	SAT
4.3.2.2[2]	Room 204		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less				Sat	Sat	SAT	SAT

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 5 of 5)

			Date:				4/1/21	4/2/21	4/3/21	4/4/21
			Weekday:	Mon	Tue.	Wed	Thu.	Fri.	Sat	Sun
			Initials:				RL	RL	MV	RH
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS**						
4.3.2.2[2]	Room 206		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less				Sat	Sat	SAT	SAT
★ 4.3.2.2[2]	Room 207		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less				Sat	JSL 4-2-21 ~~UNSAT~~ SAT	SAT	SAT
			Completion time				0834	1031	0740	0944
			OC Operator Review and Page Count Complete (initials)				TJ	JSL	JSL	JSL
			OCS Daily Review Sign off (initials)				ARS			

[1] Non TSR requirement

[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR's 4.1.3.4 and 4.3.2.2 apply during both Mode 1 and Mode 2.

Note: Rooms 201, 206 & 207 **must be** entered for surveillance even if they are red lit, room 204 can be viewed through the window. Notify the Operations Center of any rooms that are unable to be entered for the performance of rounds, Operations Center will make a logbook entry recording the room(s) and reason(s) for non-entry. Document in the comments section any room(s) and reason(s) they were unable to be entered for rounds.

Completed by: RHohner Date 4/4/21 Time 0947 Reviewed by: _____ (On-duty Supervisor) Date: 4/4/21 Time: 1012

Comments: Corrected issue with several fiberglass ladders and step stools in room 207

★ SR 4.3.2.2[2] CORRECTED ON THE SPOT. ENTERED AND EXITED LCO 3.2.2 B. COMMUNICATED WITH RORY VIA TELECOM. ROOMS LOG ENTRY

Attachment C, Non-PF-4 Daily Surveillance Rounds [UET]

(Page 1 of 1)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

M&TE Calibrated Data						
Record September through April only	PF-10 Thermometer File No.:	039746	PF-10 Thermistor File No.:	105353	V-701 Thermistor File No.:	103763
	Calibration Expiration Date:	8/5/21	Calibration Expiration Date:	8/13/21	Calibration Expiration Date:	8/13/21
	PF-11 Thermometer File No.:	039745	PF-11 Thermistor File No.:	105352	V-704 Thermistor File No.:	103761
	Calibration Expiration Date:	8/11/21	Calibration Expiration Date:	8/13/21	Calibration Expiration Date:	8/13/21

PF-10 & PF-11 Pump house Room Temperature and V-701 & V-704 Fire Water Storage Tank Temperature									
Daily (September through April only)		Date:				4/1/21	4/2/21	4-3-21	4-4-21
		Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
		Initials:				PJC	PJC	TS	TS
SR	**Description**	**Acceptance Criteria**							
NA	ENSURE *M&TE Calibration Data* above is recorded and calibration dates have not elapsed	Calibration dates have not elapsed	SAT /UNSAT	SAT /UNSAT	SAT /UNSAT	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT
4.3.1.1[1]	RECORD fire water storage tank V-701 temperature	≥ 42.1 F				54.1	54.5	55.1	55.5
4.3.1.1[1]	RECORD fire water storage tank V-704 temperature	≥ 42.1 F				52.6	52.6	53.6	54.5
4.3.1.3[1]	RECORD PF-10 room temperature	≥ 50.1 F				58.4	59.9	61.0	62.7
4.3.1.3[1]	RECORD PF-11 room temperature	≥ 50.1 F				60.6	60.2	59.1	60.4
		Completion Time:				0704	0707	0840	0844
		OC Operator Review and Page Count Complete (initials)				TS	TS	JSL	JSL
		OCS Daily Review Sign off (initials)				Ams			JL

[1] Temperatures should be recorded using Reference Thermometer FLUKE Model 1524 connected to Thermistor Probe Fluke Model 5610-9 (or approved engineered equivalent).

Completed by: JOHN CROILE Date 4-4-21 Time 0844

Reviewed by: PRICE Date: 4/4/21 Time: 4/4/21 2026

On-duty Supervisor

Comments:

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 1 of 3)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

Note Gauge readings should be taken on rack #4 in the OC. whenever possible. Document if alternate PDIs are used.		**Date:**	4-5-21		4/6/21		4-7-21		4/8/21		4/9/21		4/10/21		4/11/21	
		Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
		Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
		Initials:	JSL	DH	M	DH	JSL	BC	[illegible]	BC	M	DH	M	DH	M	DH
SRs	**Description**	**Gauge Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**													
4.1.1.1 4.1.2.1[2]	**200 area glovebox exhaust header ΔP**	PDI-814-1 or PDI-814-2 ≤-1.5 in. wc[1]	-2.01	-1.99	-2.00	-1.99	-1.97	-2.00	-1.99	-2.01	-2.00	-2.01	-2.00	-1.99	-2.01	-2.01
	100 area glovebox exhaust header ΔP	PDI-820-1 or PDI-820-2 ≤-1.5 in. wc[1]	-1.92	-1.91	-1.89	-1.89	-1.88	-1.91	-1.89	-1.90	-1.90	-1.90	-1.89	-1.90	-1.90	-1.90
	300 area glovebox exhaust header ΔP	PDI-870-1 or PDI-870-2 ≤-1.5 in. wc[1]	-1.96	-1.96	-1.96	-1.97	-1.98	-1.98	-1.97	-1.96	-1.96	-1.96	-1.96	-1.96	-1.98	-1.97
	400 area glovebox exhaust header ΔP	PDI-864-1 or PDI-864-2 ≤-1.5 in. wc[1]	-2.00	-1.98	-1.98	-1.98	-1.98	-1.98	-1.98	-1.97	-1.97	-1.98	-1.98	-1.97	-1.98	-1.99
4.1.1.2 4.1.1.5[3] 4.1.2.2[2]	**200 area laboratory header ΔP**	PDI-803-1 or PDI-803-2 ≤-0.05 in. wc[1]	-0.21	-0.22	-.21	-0.20	-0.19	-.20	-0.19	-.21	-.21	-.21	-.19	-.21	-.20	-.21
	100 area laboratory header ΔP	PDI-802-1 or PDI-802-2 ≤-0.05 in. wc[1]	-0.27	-0.29	-.27	-0.26	-0.23	-.27	-0.26	-.28	-.27	-.28	-.27	-.27	-.26	-.27
	300 area laboratory header ΔP	PDI-853-1 or PDI-853-2 ≤-0.05 in. wc[1]	-0.21	-0.22	-.19	-0.20	-0.18	-.23	-0.20	-.22	-.22	-.19	-.18	-.19	-.17	-.17
	400 area laboratory header ΔP	PDI-852-1 or PDI-852-2 ≤-0.05 in. wc[1]	-0.21	-0.21	-.21	-0.21	-0.18	-.22	-0.19	-.21	-.21	-.21	-.19	-.20	-.19	-.19
	IFIT Facility ΔP	PDI-865-4 or PDI-865-5 ≤-0.05 in. wc	-0.15	-0.15	-.16	-0.15	-0.15	-.16	-0.18	-.15	-.15	-.15	-.15	-.15	-.15	-.15
4.1.1.3 4.1.2.3[2]	**North basement ΔP**	PDI-804-1 or PDI-804-2 < 0.00 in. wc	-0.09	-0.09	-.09	-0.06	-0.09	-.17	-0.09	-.09	-.09	-.09	-.09	-.09	-.09	-.09
	South basement ΔP	PDI-854-1 or PDI-854-2 < 0.00 in. wc	-0.09	-0.09	-.09	-0.07	-0.09	-.17	-0.10	-.09	-.09	-.09	-.10	-.09	-.09	-.09
	IRT Tunnel ΔP	PDT-901 or PDI-901 < 0.00 in. wc	-0.113	-0.113	-.113	-0.108	-0.112	-.186	-0.113	-.112	-.111	-.110	-.118	-.113	-.099	-.112

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 2 of 3)

Note: Readings should be taken using FCS screens FMT#151,152,201LD and 202LD. Field verification and local plenum PDI's may be used if FCS is unavailable.				Date:	4-5-21		4/6/21		4-7-21		4/8/21		4/9/21		4/10/21		4/11/21	
				Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
				Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
				Initials:	JSL	OH	M	DH	JSL	BC	[illegible]	BC	M	DH	M	OH	M	OH
SRs	**Description**	**Readings**	**Acceptance Criteria**	**SURVEILLANCE RESULTS Sat / Unsat (circle one)**														
4.1.1.6	**200 area re-circulation fan/ plenum**	FR-801 Icon red and PDT-831 ΔP >.050 or FR-802 Icon red and PDT-832 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	100 area re-circulation fan/ plenum	FR-803 Icon red and PDT-833 ΔP >.050 or FR-804 Icon red and PDT-835 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	300 area re-circulation fan/ plenum	FR-805 Icon red and PDT-836 ΔP >.050 or FR-806 Icon red and PDT-837 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	400 area re-circulation fan/ plenum	FR-807 Icon red and PDT-838 ΔP >.050 or FR-808 Icon red and PDT-839 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	Vault re-circulation fan/ plenum	FR-811 Icon red and PDT-840 ΔP >.050 or FR-812 Icon red and PDT-841 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 3 of 3)

Note
Gauge readings should be taken on rack #4 in the OC when possible, local PDI equivalents may be used if necessary. Document any alternate PDIs used.

				Date:	4-5-21		4/6/21		4-7-21		4/8/21		4/9/21		4/10/21		4/11/21	
				Weekday:	Mon.		Tue.		Wed.		Thu		Fri		Sat		Sun	
				Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
				Initials:	JSL	DH	M	DH	JSL	[illegible]	[illegible]	[illegible]	M	DH	M	DH	M	DH
SRs	**Description**	**Area**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS** Sat / Unsat (circle one)													
4.1.1.4	**Glovebox exhaust header ΔPs < laboratory ΔPs < basement ΔPs for areas 100, 200, 300 and 400**	200 Area	PDI-814-2 PDI-803-2 PDI-804-2	PDI-814-2 < PDI-803-2 < PDI-804-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		100 Area	PDI-820-2 PDI-802-2 PDI-804-2	PDI-820-2 < PDI-802-2 < PDI-804-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		300 Area	PDI-870-2 PDI-853-2 PDI-854-2	PDI-870-2 < PDI-853-2 < PDI-854-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		400 Area	PDI-864-2 PDI-852-2 PDI-854-2	PDI-864-2 < PDI-852-2 < PDI-854-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		Completion Time			0723	1931	0727	1930	0718	1924	0718	1916	0721	1931 0731 DH 4/8/21	0727	1929	0729	1931
		OCS Daily Review Sign off (initials)			ATD	ATD	[illegible]	ATD	[illegible]	[illegible]	[illegible]	ATD	[illegible]	[illegible]	ATD	ATD	[illegible]	ATD

[1] Mode 2 acceptance criteria is < 0.00 in. wc.
[2] SRs 4.1.2.x only apply during Mode 2 in accordance with LCO 3.1.2.
[3] SRs 4.1.1.5 is only applicable when MAR is in the IFIT Facility

Completed by: [signature] Date 4/11/21 Time 1931 Reviewed by: [signature] Date: 4/11/21 Time: 1940
On-duty Supervisor

Comments: 4.1.1.3 - 4.1.2.3[3] ON 4.7.21 PM #5 MFC OFF DUE TO FS-841 MAINTENANCE

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 1 of 4)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

SR 4.4.1.1, The OPERABILITY acceptance criterion for this surveillance is:
The FLAMMABLE GAS detector in the FSTF FLAMMABLE GAS SOURCE storage cabinet is exposed to the ambient atmosphere in the storage cabinet. The gas concentration readout directly on the detector in the storage cabinet is compared with the gas concentration readout on the system control and alarm panel. The difference between the two readings is checked to VERIFY it is in the range of (≥-0.1; ≤0.1).

		Date:	04/05/21	4/6/21	4-7-21	4-8-21 4/8/21	04/09/21	04/10/21	4/11/21
		Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
		Initials:	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SR 4.4.1.1	**Description / Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (percentage)**						
	Flammable Gas Channel Check DET-305-3 (LCD Reading)	NA	005	005	005	005	005	005	005
	CP-305-H (LED Reading)		005	005	005	005	005	005	005
	(DET-305-3) – (CP-305H) (LCD Reading) (LED Reading)	Record Calculated Value	005	005	005	005	005	005	005
		≥ -0.1; ≤+0.1	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005
		Completion Time:	0705	0701	0703	0706	0701	0700	0709

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 2 of 4)

4-8-21

			Date:	04/05/21	4/6/21	4/7/21	4/8/21	04/09/21	04/10/21	4/11/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	RH
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.3.4[2]	South basement supply filter plenum (HVP-841) ΔP	[1]PDI-894-1	≤2.0 & > 0[1] in. wc	.02	.02	.02	.02	.02	.02	.03
		PDI-894-2	≤2.0 & > 0[1] in. wc	.49	.49	.49	.48	.48	.48	.49
4.1.3.4[2]	South Corridor supply (HVP-810) ΔP	[1]PDI-895-1	≤2.0 & > 0[1] in. wc	.04	.05	.04	.05	.04	.04	.05
		PDI-895-2	≤2.0 & > 0[1] in. wc	.70	.70	.70	.72	.70	.70	.70
4.1.3.4[2]	300 area glovebox exhaust filter plenum (FF854) ΔP	[1]PDI-817-1	≤2.0 & > 0[1] in. wc	.30	.28	.28	.29	stby	stby	STBY
		PDI-817-2	≤2.0 & > 0[1] in. wc	.31	.31	.30	.31	stby	stby	STBY
		PDI-817-4	≤2.0 & > 0[1] in. wc	.32	.32	.32	.32	stby	stby	STBY
		PDI-817-5	≤2.0 & > 0[1] in. wc	.30	.30	.30	.31	stby	stby	STBY
4.1.3.4[2]	300 area special recovery glovebox exhaust filter plenum (FF858) ΔP	PDI-81 9-1	≤2.0 & > 0[1] in. wc	.45	.46	.42	.44	stby	stby	STBY
		PDI-81 9-3	≤2.0 & > 0[1] in. wc	.43	.48	.46	.46	stby	stby	STBY
		PDI-819-4	≤2.0 & > 0[1] in. wc	.39	.40	.40	.39	stby	stby	STBY
4.1.3.4[2]	300 area glovebox exhaust filter plenum (FF855) ΔP	[1]PDI-818-1	≤2.0 & > 0[1] in. wc	stby	STBY	STBY	STBY	.26	.26	.26
		PDI-818-2	≤2.0 & > 0[1] in. wc	stby	STBY	STBY	STBY	.31	.31	.30
		PDI-818-4	≤2.0 & > 0[1] in. wc	stby	STBY	STBY	STBY	04/09/21 ~~.47~~ .31	.31	.31
		PDI-818-5	≤2.0 & > 0[1] in. wc	stby	STBY	STBY	STBY	04/09/21 ~~.42~~ .3	.31	.31
4.1.3.4[2]	300 area special recovery glovebox exhaust filter plenum (FF859) ΔP	PDI-821-1	≤2.0 & > 0[1] in. wc	stby	STBY	STBY	STBY	.43	.43	.42
		PDI-821-3	≤2.0 & > 0[1] in. wc	stby	STBY	STBY	STBY	04/09/21 ~~.34~~ .47	.47	.48
		PDI-821-4	≤2.0 & > 0[1] in. wc	stby	STBY	STBY	STBY	04/09/21 ~~.34~~ .42	.42	.41

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 3 of 4)

			Date:	04/05/21	4/6/21	4/7/21	4/8/21	04/09/21	04/10/21	4/11/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat.	Sun
			Initials:	[illegible]	(A)	(A)	(A)	[illegible]	[illegible]	ZH
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.3.4[2]	400 area glovebox exhaust filter plenum (FF856) ΔP	[1]PDI-822-1	≤2.0 & > 0[1] in. wc	.11	.11	.11	.11	stby	stby	STBY
		PDI-822-2	≤2.0 & > 0[1] in. wc	.58	.58	.58	.59	stby	stby	STBY
		PDI-822-4	≤2.0 & > 0[1] in. wc	.43	.42	.41	.42	stby	stby	STBY
		PDI-822-5	≤2.0 & > 0[1] in. wc	.53	.57	.54	.57	stby	stby	STBY
4.1.3.4[2]	400 area glovebox exhaust filter plenum (FF857) ΔP	[1]PDI-823-1	≤2.0 & > 0[1] in. wc	stby	STBY	STBY	STBY	.06	.06	.08
		PDI-823-2	≤2.0 & > 0[1] in. wc	stby	STBY	STBY	STBY	.57	.57	.58
		PDI-823-4	≤2.0 & > 0[1] in. wc	stby	STBY	STBY	STBY	.47	.47	.49
		PDI-823—5	≤2.0 & > 0[1] in. wc	stby	STBY	STBY	STBY	.62	.62	.60
4.1.3.4[2]	South Basement exhaust filter plenum (FF-829) ΔP	[1]PDI-830-1	≤2.0 & > 0[1] in. wc	.24	.24	.24	.23	.06	4/10/21 005 .14	.14
		PDI-830-2	≤2.0 & > 0[1] in. wc	.10	.10	.10	.10	.09	4/10/21 .11 .05	.03
		PDI-830-3	≤2.0 & > 0[1] in. wc	.11	.11	.11	.10	.12	.09	.09
4.1.1.7[2]	300 area re-circulation filter plenum (HVP-805) ΔP	[1]PDI-836-1	≤2.0 & > 0[1] in. wc	.07	.08	.07	.07	.07	005	005
		PDI-836-2	≤2.0 & > 0[1] in. wc	.67	.62	.67	.67	.66	005	005
		PDI-836-3	≤2.0 & > 0[1] in. wc	.67	.68	.67	.68	67	005	005
	300 area re-circulation filter plenum (HVP-806) ΔP	[1]PDI-837-1	≤2.0 & > 0[1] in. wc	.04	.04	.04	.05	.04	.06	.06
		PDI-837-2	≤2.0 & > 0[1] in. wc	.47	.49	.49	.49	.48	.55	.54
		PDI-837-3	≤2.0 & > 0[1] in. wc	.43	.42	.42	.42	.43	.50	.50

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 4 of 4)

			Date:	04/05/21	4/6/21	4/7/21	4/8/21	04/09/21	04/10/21	4/11/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	MW	R	R	R	MW	MW	RH
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.1.7[2]	400 area re-circulation filter plenum (HVP-807) ΔP	[1]PDI-838-1	≤2.0 & > 0[1] in. wc	.59	.59	.59	.59	.59	.60	.59
		PDI-838-2	≤2.0 & > 0[1] in. wc	.59	.59	.59	.60	.60	.58	.58
		PDI-838-3	≤2.0 & > 0[1] in. wc	.59	.59	.59	.60	.59	.58	.58
	400 area re-circulation filter plenum (HVP-808) ΔP	[1]PDI-839-1	≤2.0 & > 0[1] in. wc	.42	.42	.42	.42	.42	.42	.41
		PDI-839-2	≤2.0 & > 0[1] in. wc	.52	.51	.52	.52	.52	.52	.52
		PDI-839-3	≤2.0 & > 0[1] in. wc	.53	.52	.52	.52	.52	.52	.53
4.1.3.4[2]	South Bleed off filter plenum (FF-822A) ΔP	[1]PDI-810-1	≤2.0 & > 0[1] in. wc	.17	.17	.17	.17	off	off	.16
		PDI-810-2	≤2.0 & > 0[1] in. wc	.85	.86	.86	.85	off	off	.89
		PDI-810-3	≤2.0 & > 0[1] in. wc	.50	.51	.51	.50	off	off	.51
4.1.3.4[2]	South Bleed off filter plenum (FF-822B) ΔP	[1]PDI -811 - 1	≤2.0 & > 0[1] in. wc	off	OFF	OFF	OFF	.11	.12	OFF
		PDI -811 -2	≤2.0 & > 0[1] in. wc	off	OFF	OFF	OFF	.51	.53	OFF
		PDI -811 -3	≤2.0 & > 0[1] in. wc	off	OFF	OFF	OFF	.50	.51	OFF
			Completion Time	0750	0820	0822	0850	0715	0735	0806
OC Operator Review and Page Count Complete (initials)				M	M	JSL	TS	M	DM	M
OCS Daily Review Sign off (initials)				MJW	MJW				AM	

[1] Non TSR requirement
[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR 4.1.3.4 apply during both Mode 1 and Mode 2 as stated in LCO 3.1.3.

Completed by: RHahner Date 4/11/21 Time 0806 Reviewed by: _____ Date: 4/11/21 Time: 0810
On-duty Supervisor

Comments 4.4.1.1 Flammable Gas detector out of service awaiting calibration MWP
4.1.1.7 FR805 OOS AFTER OUTAGE RECOVERY, T/S TO OCCUR 4/10/21 DM

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 1 of 5)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

			Date:	04/05/21	4/6/21	4/7/21	4/8/21 4-8-21	04/09/21	04/10/21	4/11/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	[illegible]	R	R	R	[illegible]	[illegible]	RH
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.1.7[2]	**Vault re-circulation filter plenum (HVP-811) ΔP Vault re-circulation filter plenum (HVP-812) ΔP**	[1]PDI-840-1	≤2.0 & > 0[1] in. wc	.17	.17	.18	.17	.17	.16	.17
		PDI-840-2	≤2.0 & > 0 in[1]. wc	.44	.52	.52	.53	.53	.53	.52
		PDI-840-3	≤2.0 & > 0[1] in. wc	.51	.51	.51	.51	.51	.51	.51
		[1]PDI-841-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-841-2	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-841-3	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
	200 area re-circulation filter plenum (HVP-801) ΔP	[1]PDI-831-1	≤2.0 & > 0[1] in. wc	.36	.36	.36	.36	.36	.36	.36
		PDI-831-2	≤2.0 & > 0[1] in. wc	.42	.41	.42	.42	.42	.42	.41
		PDI-831-3	≤2.0 & > 0[1] in. wc	.39	.40	.40	.40	.40	.38	.40
	200 area re-circulation filter plenum (HVP-802) ΔP	[1]PDI-832-1	≤2.0 & > 0[1] in. wc	.62	.61	.62	.62	.62	.62	.61
		PDI-832-2	≤2.0 & > 0[1] in. wc	.67	.68	.68	.68	.68	.67	.68
		PDI-832-3	≤2.0 & > 0[1] in. wc	.61	.60	.61	.60	.60	.60	.60
4.1.3.4[2]	**North Bleed off filter plenum (FF-820A) ΔP**	[1]PDI-807-1	≤2.0 & > 0[1] in. wc	OFF	OFF	OFF	OFF	.12	.12	.12
		PDI-807-2	≤2.0 & > 0[1] in. wc	OFF	OFF	OFF	OFF	.55	.55	.59
		PDI-807-3	≤2.0 & > 0[1] in. wc	OFF	OFF	OFF	OFF	.50	.50	.51
4.1.3.4[2]	**North Bleed off filter plenum (FF-820B) ΔP**	[1]PDI-809-1	≤2.0 & > 0[1] in. wc	.07	.07	.07	.07	off	off	OFF
		PDI-809-2	≤2.0 & > 0[1] in. wc	.53	.52	.53	.52	off	off	OFF
		PDI-809-3	≤2.0 & > 0[1] in. wc	.50	.50	.51	.51	off	off	OFF

Attachment B-2: Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 2 of 5)

4-8-21

			Date:	04/05/21	4/~~26~~ 6/21 AC 4-6-21	4/7/21	4/8/~~17~~ 21	04/09/21	04/10/21	4/11/21
			Weekday:	Mon	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	RH
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.3.4[2]	North Basement exhaust filter plenum (FF-828) ΔP	[1]PDI-829-1	≤2.0 & > 0[1] in. wc	.06	.06	.06	.06	.06	.06	.06
		PDI-829-2	≤2.0 & > 0[1] in. wc	.49	.50	.51	.50	.50	.52	.50
		PDI-829-3	≤2.0 & > 0[1] in. wc	.49	.49	.50	.49	.49	.50	.50
4.1.1.7[2]	100 area re-circulation filter plenum (HVP-803) ΔP	[1]PDI-833-1	≤2.0 & > 0[1] in. wc	.08	.08	.08	.09	.08	.09	.08
		PDI-833-2	≤2.0 & > 0[1] in. wc	.50	.52	.52	.53	.53	.53	.54
		PDI-833-3	≤2.0 & > 0[1] in. wc	.51	.51	.51	.51	.51	.51	.51
	100 area re-circulation filter plenum (HVP-804) ΔP	[1]PDI-835-1	≤2.0 & > 0[1] in. wc	.06	.06	.06	.06	.06	.06	.06
		PDI-835-2	≤2.0 & > 0[1] in. wc	.53	.50	.50	.50	.50	.50	.50
		PDI-835-3	≤2.0 & > 0[1] in. wc	.50	.50	.50	.50	.50	.50	.50
4.1.3.4[2]	100 area glovebox exhaust filter plenum (FF852) ΔP	[1]PDI-815-1	≤2.0 & > 0[1] in. wc	stby	STBY	STBY	STBY	.22	.22	.22
		PDI-815-2	≤2.0 & > 0[1] in. wc	stby	STBY	STBY	STBY	.51	.51	.50
		PDI-815-4	≤2.0 & > 0[1] in. wc	stby	STBY	STBY	STBY	.57	.57	.48
		PDI-815-5	≤2.0 & > 0[1] in. wc	stby	STBY	STBY	STBY	.58	.58	.50
4.1.3.4[2]	100 area glovebox exhaust filter plenum (FF853) ΔP	[1]PDI-816-1	≤2.0 & > 0[1] in. wc	.41	.42	.42	.42	stby	stby	STBY
		PDI-816-2	≤2.0 & > 0[1] in. wc	.53	.52	.53	.53	stby	stby	STBY
		PDI-816-4	≤2.0 & > 0[1] in. wc	.50	.50	.50	.50	stby	stby	STBY
		PDI-816-5	≤2.0 & > 0[1] in. wc	.53	.52	.52	.52	stby	stby	STBY

Attachment B-2: Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 3 of 5)

4-8-21

			Date:	04/05/21	4/6/21	4/7/21	4/8/21	04/09/21	04/10/21	4/11/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	[illegible]	@	@	@	[illegible]	[illegible]	ZH
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF850) ΔP	[1]PDI-812-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	.12	.12	.12
		PDI-812-2	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	.27	.27	.27
		PDI-812-3	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	.28	.28	.28
		PDI-812-4	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	.26	.27	.28
		PDI-812-5	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	.32	.33	.31
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF851) ΔP	[1]PDI-813-1	≤2.0 & > 0[1] in. wc	.07	.07	.08	.08	STBY	STBY	STBY
		PDI-813-2	≤2.0 & > 0[1] in. wc	.23	.22	.23	.23	STBY	STBY	STBY
		PDI-813-3	≤2.0 & > 0[1] in. wc	.19	.19	.19	.19	STBY	STBY	STBY
		PDI-813-4	≤2.0 & > 0[1] in. wc	.25	.26	.26	.27	STBY	STBY	STBY
		PDI-813-5	≤2.0 & > 0[1] in. wc	.27	.29	.29	.29	STBY	STBY	STBY
4.1.3.4[2]	IFIT exhaust filter plenum (FF-865) ΔP	[1]PDI-865-1	≤2.0 & > 0[1] in. wc	.02	.02	.02	.02	.01	.01	.02
		PDI-865-2	≤2.0 & > 0[1] in. wc	.39	.40	.40	.40	.40	.40	.40
		PDI-865-3	≤2.0 & > 0[1] in. wc	.35	.35	.35	.36	.36	.35	.36
4.1.3.4[2]	IFIT supply filter plenum (HVP-863) ΔP	[1]PDI-863-1	≤2.0 & > 0[1] in. wc	.04	.04	.04	.05	.04	.05	.05
		PDI-863-2	≤2.0 & >0[1] in. wc	.32	.32	.32	.32	.32	.33	.34

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 4 of 5)

			Date:	04/05/21	4/6/21	4/7/21	4/8/21	04/09/21	04/10/21	4/11/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	RH
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS**						
4.1.3.4[2]	North Basement supply filter plenum (HVP-840) ΔP	[1]PDI-857-1	≤ 2.0 & > 0[1] in. wc	.10	.10	.10	.10	.10	.10	.10
		PDI-857-2	≤2.0 & > 0[1] in. wc	.48	.49	.49	.49	.47	.47	.48
4.1.3.4[2]	North corridor supply filter plenum (HVP-809) ΔP	[1]PDI-856-1	≤2.0 & > 0[1] in. wc	.01	.02	.02	.03	.03	.04	.04
		PDI-856-2	≤2.0 & > 0[1] in. wc	.61	.61	.61	.61	.62	.62	.61
[1]NA	**Combustible exclusion area around basement exhaust fans FE828, FE829 and bleed-off fans FE820A, FE820B, FE820C, FE822A, FE822B, FE822C**		**0 lb/ft² combustibles in designated exclusion area (within 15 feet of fans)**	SAT	SAT	SAT	SAT	SAT	SAT	SAT
4.3.2.2[2]	Room 201		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	SAT	SAT	SAT	SAT	SAT	SAT
4.3.2.2[2]	Room 204		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	SAT	SAT	SAT	SAT	SAT	SAT

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 5 of 5)

4-8-21

			Date:	4/5/21	4/6/21	4/7/21	4/8/21	4/9/21	4/10/21	4/11/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	[illegible]	R	R	R	[illegible]	[illegible]	ZH
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS**						
4.3.2.2[2]	Room 206		0 lb/ft² combustibles within 3 5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	SAT	SAT	SAT	SAT	SAT	SAT
4.3.2.2[2]	Room 207		0 lb/ft² combustibles within 3 5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	SAT	SAT	SAT	SAT	SAT	SAT
			Completion time	0825	0832	0858	0815	0735	0730	0758
			OC Operator Review and Page Count Complete (initials)	M	M	[illegible]	TS	M	OH	M
			OCS Daily Review Sign off (initials)	MJW	MJW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[1] Non TSR requirement

[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR's 4.1.3.4 and 4.3.2.2 apply during both Mode 1 and Mode 2.

Note: Rooms 201, 206 & 207 **must be** entered for surveillance even if they are red lit, room 204 can be viewed through the window. Notify the Operations Center of any rooms that are unable to be entered for the performance of rounds, Operations Center will make a logbook entry recording the room(s) and reason(s) for non-entry. Document in the comments section any room(s) and reason(s) they were unable to be entered for rounds.

Completed by: [illegible] Date: 4/11/21 Time: 0758 Reviewed by: [illegible] Date: 4/11/21 Time: 0812

On-duty Supervisor

Comments: _____

Attachment C, Non-PF-4 Daily Surveillance Rounds [UET]

(Page 1 of 1)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

M&TE Calibrated Data						
Record September through April only	PF-10 Thermometer File No.:	039746	PF-10 Thermistor File No.:	105353	V-701 Thermistor File No.:	103763
	Calibration Expiration Date:	8/5/21	Calibration Expiration Date:	8/13/21	Calibration Expiration Date:	8/13/21
	PF-11 Thermometer File No.:	039745	PF-11 Thermistor File No.:	105352	V-704 Thermistor File No.:	103761
	Calibration Expiration Date:	8/11/21	Calibration Expiration Date:	8/13/21	Calibration Expiration Date:	8/13/21

PF-10 & PF-11 Pump house Room Temperature and V-701 & V-704 Fire Water Storage Tank Temperature									
Daily (September through April only)			4/5/21 CA Date:	4/5/21	4/6/21	4/7/21	4/8/21	4/9/21	4/10/21	4/11/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	[signature]	[signature]	[signature]	PJC	PJC	M	M
SR	**Description**	**Acceptance Criteria**								
NA	ENSURE *M&TE Calibration Data* above is recorded and calibration dates have not elapsed	Calibration dates have not elapsed	SAT/UNSAT	SAT/UNSAT	SAT/UNSAT	SAT/UNSAT	SAT/UNSAT	SAT/UNSAT	SAT/UNSAT
4.3.1.1[1]	RECORD fire water storage tank V-701 temperature	≥ 42.1 F	56.0	56.4	55.5	55.3	55.4	55.1	55.1
4.3.1.1[1]	RECORD fire water storage tank V-704 temperature	≥ 42.1 F	55.2	56.0	55.2	55.0	55.3	55.5	55.7
4.3.1.3[1]	RECORD PF-10 room temperature	≥ 50.1 F	64.6	63.8	56.7	60.0	61.7	60.2	60.8
4.3.1.3[1]	RECORD PF-11 room temperature	≥ 50.1 F	61.2	60.7	61.5	61.2	59.3	58.0	57.8
		Completion Time:	0930	0857	0823	0721	0722	0937	0853
		OC Operator Review and Page Count Complete (initials)	M	M	[signature]	TS	BC	M	M
		OCS Daily Review Sign off (initials)	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]

[1] Temperatures should be recorded using Reference Thermometer FLUKE Model 1524 connected to Thermistor Probe Fluke Model 5610-9 (or approved engineered equivalent).

Completed by: [signature] Date 4/11/21 Time 0853

Reviewed by: [signature] On-duty Supervisor Date: 4/11/21 Time: 0902

Comments: _____

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 3 of 4)

			Date:	4/12/21						
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	[illegible]						
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	**400 area glovebox exhaust filter plenum (FF856) ΔP**	[1]PDI-822-1	≤2.0 & > 0[1] in. wc							
		PDI-822-2	≤2.0 & > 0[1] in. wc							
		PDI-822-4	≤2.0 & > 0[1] in. wc							
		PDI-822-5	≤2.0 & > 0[1] in. wc							
4.1.3.4[2]	**400 area glovebox exhaust filter plenum (FF857) ΔP**	[1]PDI-823-1	≤2.0 & > 0[1] in. wc							
		PDI-823-2	≤2.0 & > 0[1] in. wc							
		PDI-823-4	≤2.0 & > 0[1] in. wc							
		PDI-823—5	≤2.0 & > 0[1] in. wc							
4.1.3.4[2]	**South Basement exhaust filter plenum (FF-829) ΔP**	[1]PDI-830-1	≤2.0 & > 0[1] in. wc							
		PDI-830-2	≤2.0 & > 0[1] in. wc							
		PDI-830-3	≤2.0 & > 0[1] in. wc							
4.1.1.7[2]	**300 area re-circulation filter plenum (HVP-805) ΔP**	[1]PDI-836-1	≤2.0 & > 0[1] in. wc	.06						
		PDI-836-2	≤2.0 & > 0[1] in. wc	.65						
		PDI-836-3	≤2.0 & > 0[1] in. wc	.65						
	300 area re-circulation filter plenum (HVP-806) ΔP	[1]PDI-837-1	≤2.0 & > 0[1] in. wc							
		PDI-837-2	≤2.0 & > 0[1] in. wc							
		PDI-837-3	≤2.0 & > 0[1] in. wc							

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 4 of 4)

			Date:	04/12/21						
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	MM						
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.1.7[2]	**400 area re-circulation filter plenum (HVP-807) ΔP**	[1]PDI-838-1	≤2.0 & > 0[1] in. wc							
		PDI-838-2	≤2.0 & > 0[1] in. wc							
		PDI-838-3	≤2.0 & > 0[1] in. wc							
	400 area re-circulation filter plenum (HVP-808) ΔP	[1]PDI-839-1	≤2.0 & > 0[1] in. wc							
		PDI-839-2	≤2.0 & > 0[1] in. wc							
		PDI-839-3	≤2.0 & > 0[1] in. wc							
4.1.3.4[2]	**South Bleed off filter plenum (FF-822A) ΔP**	[1]PDI-810-1	≤2.0 & > 0[1] in. wc							
		PDI-810-2	≤2.0 & > 0[1] in. wc							
		PDI-810-3	≤2.0 & > 0[1] in. wc							
4.1.3.4[2]	**South Bleed off filter plenum (FF-822B) ΔP**	[1]PDI -811 - 1	≤2.0 & > 0[1] in. wc							
		PDI -811 -2	≤2.0 & > 0[1] in. wc							
		PDI -811 -3	≤2.0 & > 0[1] in. wc							
			Completion Time	1625						
OC Operator Review and Page Count Complete (initials)				DC						
OCS Daily Review Sign off (initials)										

[1] Non TSR requirement
[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR 4.1.3.4 apply during both Mode 1 and Mode 2 as stated in LCO 3.1.3.

Completed by: Michael Trish Date 4/12/21 Time 1625 Reviewed by: _____ Date: _____ Time: _____
On-duty Supervisor

Comments PARTIAL FOR RESTORATION OF FR-805 FOLLOWING CHARGE & STARTER FAILURE

Attachment A, TA-55 Administrative Round Sheet [UET]

(Page 32 of 33)

PERIOD COVERED From 4/12/21 (Date) To 4/18/21 (Date)						Mon	Tue	Wed	Thurs	Fri	Sat	Sun
Item #	Component	Unit	Min	Normal	Max	Observed Reading						
System: South Sumps												
157	PS 011 C-14	Sat/Unsat:(No abnormal conditions) (No overflowing or near overflowing condition)				[ ] Sat [ ] Unsat	[ ] Sat [ ] Unsat	[ ] Sat [ ] Unsat	[ ] Sat [ ] Unsat	[ ] Sat [ ] Unsat	[ ] Sat [ ] Unsat	[ ] Sat [ ] Unsat
158	PS 010 F-11	Sat/Unsat:(No abnormal conditions) (No overflowing or near overflowing condition)				[ ] Sat [ ] Unsat	[ ] Sat [ ] Unsat	[ ] Sat [ ] Unsat	[ ] Sat [ ] Unsat	[ ] Sat [ ] Unsat	[ ] Sat [ ] Unsat	[ ] Sat [ ] Unsat
159	PS 009 C-9	Sat/Unsat:(No abnormal conditions) (No overflowing or near overflowing condition)				[ ] Sat [ ] Unsat	[ ] Sat [ ] Unsat	[ ] Sat [ ] Unsat	[ ] Sat [ ] Unsat	[ ] Sat [ ] Unsat	[ ] Sat [ ] Unsat	[ ] Sat [ ] Unsat
160	PS 008 C-5 to C-6	Sat/Unsat:(No abnormal conditions) (No overflowing or near overflowing condition)				[ ] Sat [ ] Unsat	[ ] Sat [ ] Unsat	[ ] Sat [ ] Unsat	[ ] Sat [ ] Unsat	[ ] Sat [ ] Unsat	[ ] Sat [ ] Unsat	[ ] Sat [ ] Unsat
161	PS 006 E-12 to E-13	Sat/Unsat:(No abnormal conditions) (No overflowing or near overflowing condition)				[ ] Sat [ ] Unsat	[ ] Sat [ ] Unsat	[ ] Sat [ ] Unsat	[ ] Sat [ ] Unsat	[ ] Sat [ ] Unsat	[ ] Sat [ ] Unsat	[ ] Sat [ ] Unsat
162	PS 007 E-5 to G-6	Sat/Unsat:(No abnormal conditions) (No overflowing or near overflowing condition)				[ ] Sat [ ] Unsat	[ ] Sat [ ] Unsat	[ ] Sat [ ] Unsat	[ ] Sat [ ] Unsat	[ ] Sat [ ] Unsat	[ ] Sat [ ] Unsat	[ ] Sat [ ] Unsat
Completion Time:						1620						
Rounds Personnel/Operator Initials:						[illegible]						
Operations Center Operator Initials:						[illegible]						
Operations Center Supervisor Initials:						[illegible]						

Attachment A, TA-55 Administrative Round Sheet [UET]

(Page 19 of 33)

PERIOD COVERED From 4/12/21 Date To 4/18/21 Date						Mon	Tue	Wed	Thurs	Fri	Sat	Sun
Item #	Component	Unit	Min	Normal	Max	Observed Reading						
Location TA55-PF4												
System: Ventilation												
94	South Corridor Supply Air Monitoring Station PDI-810-FT (RM 341)	Inches wg	≥.062	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A
95	400 Area Recirculation 807/808 Air Monitoring Station PDI-807-FT (RM 421)	Inches wg	≥.145	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A
96	300 Area Air Recirculation 805/806 Air Monitoring Station PDI-805-FT (RM ff1)	Inches wg	≥.190	N/A	N/A	N/A	N/A	N/A	N/A	N/A	.25	N/A
97	North Corridor Supply Air Monitor Station PDI-809-FT (HVP 840)	Inches wg	≥.038	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A
98	100 Area Recirculation 803/804 Air Monitoring Station PDI-803-FT (RM 120)	Inches wg	≥.145	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A
99	200 Area Recirculation 801/802 Air Monitoring Station PDI-802-FT (RM 210)	Inches wg	≥.144	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A

Attachment A, TA-55 Administrative Round Sheet [UET]

(Page 33 of 33)

Date	Time	Item #	Description

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 1 of 3)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

Note Gauge readings should be taken on rack #4 in the OC. whenever possible. Document if alternate PDIs are used.		**Date:**	04.12.21		04.13.21		4/14/21		4-15-21		04.16.21		04.17.21		04.18.21	
		Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
		Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
		Initials:	BC	JSC	BC	[illegible]	M	OH	[illegible]	APS	BC	JSC	BC	JSC	BC	JSC
SRs	**Description**	**Gauge Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**													
4.1.1.1 4.1.2.1[2]	**200 area glovebox exhaust header ΔP**	PDI-814-1 or PDI-814-2 ≤-1.5 in. wc[1]	-2.00	-1.98	-2.01	-2.01	-2.00	-2.00	-2.01	-2.00	-1.98	-2.00	-2.00	-2.01	-2.01	-2.13
	100 area glovebox exhaust header ΔP	PDI-820-1 or PDI-820-2 ≤-1.5 in. wc[1]	-1.90	-1.90	-1.90	-1.90	-1.89	-1.89	-1.90	-1.90	-1.90	-1.90	-1.90	-1.90	-1.90	-1.90
	300 area glovebox exhaust header ΔP	PDI-870-1 or PDI-870-2 ≤-1.5 in. wc[1]	-1.96	-1.95	-1.96	-1.99	-1.96	-1.97	-1.95	-1.95	-1.97	-1.96	-1.99	-1.97	-1.97	-1.96
	400 area glovebox exhaust header ΔP	PDI-864-1 or PDI-864-2 ≤-1.5 in. wc[1]	-1.97	-1.96	-1.97	-2.00	-1.96	-2.03	-1.95	-1.99	-1.97	-1.96	-1.96	-1.96	-1.98	-1.94
4.1.1.2 4.1.1.5[3] 4.1.2.2[2]	**200 area laboratory header ΔP**	PDI-803-1 or PDI-803-2 ≤-0.05 in. wc[1]	-.20	-0.22	-.20	-0.19	-.19	-.20	-.20	-.22	-.19	-0.21	-.19	-0.18	-.19	-0.20
	100 area laboratory header ΔP	PDI-802-1 or PDI-802-2 ≤-0.05 in. wc[1]	-.24	-0.27	-.26	-0.25	-.25	-.28	-.26	-.28	-.25	-0.26	-.24	-0.24	-.25	-0.26
	300 area laboratory header ΔP	PDI-853-1 or PDI-853-2 ≤-0.05 in. wc[1]	-.18	-0.23	-.22	-0.19	-.20	-.21	-.22	-.22	-.20	-0.22	-.19	-0.18	-.20	-0.20
	400 area laboratory header ΔP	PDI-852-1 or PDI-852-2 ≤-0.05 in. wc[1]	-.20	-0.21	-.21	-0.19	-.20	-.20	-.21	-.22	-.20	-0.21	-.18	-0.18	-.19	-0.20
	IFIT Facility ΔP	PDI-865-4 or PDI-865-5 ≤-0.05 in. wc	-.15	-0.15	-.15	-0.15	-.15	-.16	-.15	-.17	-.15	-0.15	-.14	-0.14	-.15	-0.15
4.1.1.3 4.1.2.3[2]	**North basement ΔP**	PDI-804-1 or PDI-804-2 < 0.00 in. wc	-.09	-0.09	-.09	-0.10	-.09	-.08	-.09	-.09	-.09	-0.09	-.09	-0.09	-.09	-0.09
	South basement ΔP	PDI-854-1 or PDI-854-2 < 0.00 in. wc	-.09	-0.09	-.09	-0.09	-.08	-.08	-.08	-.09	-.09	-0.09	-.09	-0.09	-.09	-0.09
	IRT Tunnel ΔP	PDT-901 or PDI-901 < 0.00 in. wc	-.099	-0.112	-.103	-0.113	-.111	-.103	-.103	-.106	-.097	-0.094	-.105	-0.110	-.109	-0.112

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 2 of 3)

Note: Readings should be taken using FCS screens FMT#151,152,201LD and 202LD. Field verification and local plenum PDI's may be used if FCS is unavailable.		Date:	04.12.21		04.13.21		4/14/21		4-15-21		04.16.21		04.17.21		04.18.21	
		Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
		Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
		Initials:	BC	JS-	BC	[illegible]	M	DH	CA	AFJ	BC	JSL	BC	JSL	BJ	JSL
SRs	**Description**	**Readings**	**Acceptance Criteria**	**SURVEILLANCE RESULTS Sat / Unsat (circle one)**												
4.1.1.6	**200 area re-circulation fan/ plenum**	FR-801 Icon red and PDT-831 ΔP >.050 or FR-802 Icon red and PDT-832 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	100 area re-circulation fan/ plenum	FR-803 Icon red and PDT-833 ΔP >.050 or FR-804 Icon red and PDT-835 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	300 area re-circulation fan/ plenum	FR-805 Icon red and PDT-836 ΔP >.050 or FR-806 Icon red and PDT-837 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	400 area re-circulation fan/ plenum	FR-807 Icon red and PDT-838 ΔP >.050 or FR-808 Icon red and PDT-839 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	Vault re-circulation fan/ plenum	FR-811 Icon red and PDT-840 ΔP >.050 or FR-812 Icon red and PDT-841 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 3 of 3)

Note Gauge readings should be taken on rack #4 in the OC when possible, local PDI equivalents may be used if necessary. Document any alternate PDIs used.				**Date:**	04.12.21		04.13.21		4/14/21		4-15-21		04.16.21		04.17.21		04.18.21	
				Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
				Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
				Initials:	BC	JSL	BC	[illegible]	M	DH	a	ARJ	BC	JSL	BC	JSL	BC	JS-
SRs	**Description**	**Area**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS Sat / Unsat (circle one)**													
4.1.1.4	**Glovebox exhaust header ΔPs < laboratory ΔPs < basement ΔPs for areas 100, 200, 300 and 400**	200 Area	PDI-814-2 PDI-803-2 PDI-804-2	PDI-814-2 < PDI-803-2 < PDI-804-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		100 Area	PDI-820-2 PDI-802-2 PDI-804-2	PDI-820-2 < PDI-802-2 < PDI-804-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		300 Area	PDI-870-2 PDI-853-2 PDI-854-2	PDI-870-2 < PDI-853-2 < PDI-854-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		400 Area	PDI-864-2 PDI-852-2 PDI-854-2	PDI-864-2 < PDI-852-2 < PDI-854-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		Completion Time			0725	1916	0716	1920	0731	1929	0702	A31	0716	1910	0738	1911	0712	1917
		OCS Daily Review Sign off (initials)			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ARJ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[1] Mode 2 acceptance criteria is < 0.00 in. wc.

[2] SRs 4.1.2.x only apply during Mode 2 in accordance with LCO 3.1.2.

[3] SRs 4.1.1.5 is only applicable when MAR is in the IFIT Facility

Completed by: JSL Date 4-18-21 Time 1912 Reviewed by: [signature] On-duty Supervisor Date: 4/18/21 Time: 1914

Comments: 04.12.21 FR-805 IS OFF/OOS DUE TO BLOWN FUSE FR-806 IS OPERATIONAL

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 1 of 4)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

SR 4.4.1.1, The OPERABILITY acceptance criterion for this surveillance is:
The FLAMMABLE GAS detector in the FSTF FLAMMABLE GAS SOURCE storage cabinet is exposed to the ambient atmosphere in the storage cabinet. The gas concentration readout directly on the detector in the storage cabinet is compared with the gas concentration readout on the system control and alarm panel. The difference between the two readings is checked to VERIFY it is in the range of (≥-0.1; ≤0.1).

		Date:	4-12-21	4/13/21	4/14/21	4/15/21	4/16/21	4/17/21	4/18/21
		Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
		Initials:	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SR 4.4.1.1	**Description / Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (percentage)**						
	Flammable Gas Channel Check DET-305-3 (LCD Reading)	NA	005	005	005	005	005	005	005
	CP-305-H (LED Reading)		005	005	005	005	005	005	005
	(DET-305-3) – (CP-305H) (LCD Reading) (LED Reading)	Record Calculated Value	005	005	005	005	005	005	005
		≥ -0.1; ≤+0.1	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005
		Completion Time:	0730	0740	0730 ~~4/14/21~~ [illegible] 4/14/21	0710 [illegible]	0705	0828	0710

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 2 of 4)

			Date:	4-12-21	4/13/21	4/14/21	4/15/21	4/16/21	4/17/21	4/18/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	ZH					ZH	
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.3.4[2]	South basement supply filter plenum (HVP-841) ΔP	[1]PDI-894-1	≤2.0 & > 0[1] in. wc	.02	.02	.02	.02	.02	.02	.02
		PDI-894-2	≤2.0 & > 0[1] in. wc	.48	.48	.48	.48	.48	.49	.49
4.1.3.4[2]	South Corridor supply (HVP-810) ΔP	[1]PDI-895-1	≤2.0 & > 0[1] in. wc	.04	.05	.04	.04	.04	.05	.06
		PDI-895-2	≤2.0 & > 0[1] in. wc	.70	.70	.71	.70	.70	.70	.71
4.1.3.4[2]	300 area glovebox exhaust filter plenum (FF854) ΔP	[1]PDI-817-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-817-2	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-817-4	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-817-5	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
4.1.3.4[2]	300 area special recovery glovebox exhaust filter plenum (FF858) ΔP	PDI-81 9-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-81 9-3	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-819-4	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
4.1.3.4[2]	300 area glovebox exhaust filter plenum (FF855) ΔP	[1]PDI-818-1	≤2.0 & > 0[1] in. wc	.26	.26	.26	.26	.25	.24	.26
		PDI-818-2	≤2.0 & > 0[1] in. wc	.30	.32	.32	.32	.32	.30	.31
		PDI-818-4	≤2.0 & > 0[1] in. wc	.30	.31	.31	.31	.31	.30	.30
		PDI-818-5	≤2.0 & > 0[1] in. wc	.31	.31	.31	.31	.31	.31	.31
4.1.3.4[2]	300 area special recovery glovebox exhaust filter plenum (FF859) ΔP	PDI-821-1	≤2.0 & > 0[1] in. wc	.43	.44	.44	.45	.44	.42	.43
		PDI-821-3	≤2.0 & > 0[1] in. wc	.45	.46	.46	.46	.46	.48	.47
		PDI-821-4	≤2.0 & > 0[1] in. wc	.42	.42	.42	.42	.42	.41	.41

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 3 of 4)

			Date:	6-12-21	4/13/21	4/14/21	4/15/21	4/16/21	4/17/21	4/18/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	RH					RH	
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	400 area glovebox exhaust filter plenum (FF856) ΔP	[1]PDI-822-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-822-2	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-822-4	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-822-5	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
4.1.3.4[2]	400 area glovebox exhaust filter plenum (FF857) ΔP	[1]PDI-823-1	≤2.0 & > 0[1] in. wc	.07	.07	.07	.07	.08	.08	.08
		PDI-823-2	≤2.0 & > 0[1] in. wc	.59	.58	.56	.56	.56	.59	.59
		PDI-823-4	≤2.0 & > 0[1] in. wc	.47	.48	.48	.48	.48	.49	.49
		PDI-823—5	≤2.0 & > 0[1] in. wc	.61	.61	.61	.61	.62	.60	.62
4.1.3.4[2]	South Basement exhaust filter plenum (FF-829) ΔP	[1]PDI-830-1	≤2.0 & > 0[1] in. wc	.14	.22	.16	.23	.23	.24	.26
		PDI-830-2	≤2.0 & > 0[1] in. wc	.05	.10	.08	.09	.09	.10	.10
		PDI-830-3	≤2.0 & > 0[1] in. wc	.09	.11	.11	.11	.11	.11	.11
4.1.1.7[2]	300 area re-circulation filter plenum (HVP-805) ΔP	[1]PDI-836-1	≤2.0 & > 0[1] in. wc	.05	.07	.07	.07	.07	.07	.07
		PDI-836-2	≤2.0 & > 0[1] in. wc	.65	.66	.66	.66	.65	.67	.66
		PDI-836-3	≤2.0 & > 0[1] in. wc	.65	.65	.66	.66	.66	.67	.67
	300 area re-circulation filter plenum (HVP-806) ΔP	[1]PDI-837-1	≤2.0 & > 0[1] in. wc	.06	.05	.05	.05	.10	.04	.05
		PDI-837-2	≤2.0 & > 0[1] in. wc	.53	.52	.51	.51	.50	.50	.49
		PDI-837-3	≤2.0 & > 0[1] in. wc	.50	.45	.45	.45	.45	.45	.45

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 4 of 4)

			Date:	4-12-21	4/13/21	4/14/21	4/15/21	4/16/21	4/17/21	4/18/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	DH	TL	AM	AM TL	TL	DN	TL
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.1.7[2]	400 area re-circulation filter plenum (HVP-807) ΔP	[1]PDI-838-1	≤2.0 & > 0[1] in. wc	.60	.59	.59	.59	.59	.59	.58
		PDI-838-2	≤2.0 & > 0[1] in. wc	.55	.56	.56	.57	.58	.58	.56
		PDI-838-3	≤2.0 & > 0[1] in. wc	.58	.58	.58	.58	.58	.59	.58
	400 area re-circulation filter plenum (HVP-808) ΔP	[1]PDI-839-1	≤2.0 & > 0[1] in. wc	.42	.42	.41	.41	.41	.42	.42
		PDI-839-2	≤2.0 & > 0[1] in. wc	.53	.55	.55	.54	.55	.52	.53
		PDI-839-3	≤2.0 & > 0[1] in. wc	.53	.54	.54	.53	.53	.52	.53
4.1.3.4[2]	South Bleed off filter plenum (FF-822A) ΔP	[1]PDI-810-1	≤2.0 & > 0[1] in. wc	.17	.16	.16	.16	.16	.17	.17
		PDI-810-2	≤2.0 & > 0[1] in. wc	.88	.87	.87	.87	.84	.88	.86
		PDI-810-3	≤2.0 & > 0[1] in. wc	.53	.51	.51	.51	.50	.51	.51
4.1.3.4[2]	South Bleed off filter plenum (FF-822B) ΔP	[1]PDI -811 - 1	≤2.0 & > 0[1] in. wc	~~OFF~~	OFF	~~OFF~~	~~OFF~~	OFF	~~OFF~~	OFF
		PDI -811 -2	≤2.0 & > 0[1] in. wc	~~OFF~~	OFF	~~OFF~~	~~OFF~~	OFF	~~OFF~~	OFF
		PDI -811 -3	≤2.0 & > 0[1] in. wc	~~OFF~~	OFF	~~OFF~~	~~OFF~~	OFF	~~OFF~~	OFF
			Completion Time	0746	0824	0841	0741	0751	0945	0905
OC Operator Review and Page Count Complete (initials)				BC	BC	M	M TL	BC	BC	BC
OCS Daily Review Sign off (initials)				W	W	MM	CW	W	W	

[1] Non TSR requirement
[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR 4.1.3.4 apply during both Mode 1 and Mode 2 as stated in LCO 3.1.3.

Completed by: Z. Ramquist Date 4/18/21 Time 0905 Reviewed by: _____ Date: 4/16/21 Time: 1920
On-duty Supervisor

Comments: 4.4.1.1 awaiting calibration out of service
- 4.1.1.7[2] PDI-836-1, 836-2, 836-3 FR-805 out of service control fuse 205 control circuit need troubleshooting
- 4/13/21 4.1.1.7[2] FR-805 restored, PDI pressures are normal.

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 1 of 5)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

			Date:	4-12-21	4/13/21	4/14/21	4/15/21	4/16/21	4/17/21	4/18/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	RH					RH	
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.1.7[2]	Vault re-circulation filter plenum (HVP-811) ΔP Vault re-circulation filter plenum (HVP-812) ΔP	[1]PDI-840-1	≤2.0 & > 0[1] in. wc	.17	.18	.17	.17	.17	.17	.17
		PDI-840-2	≤2.0 & > 0 in[1]. wc	.53	.53	.54	.54	.54	.52	.53
		PDI-840-3	≤2.0 & > 0[1] in. wc	.50	.51	.51	.51	.51	.50	.51
		[1]PDI-841-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-841-2	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-841-3	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
	200 area re-circulation filter plenum (HVP-801) ΔP	[1]PDI-831-1	≤2.0 & > 0[1] in. wc	.36	.36	.36	.36	.36	.37	.37
		PDI-831-2	≤2.0 & > 0[1] in. wc	.42	.42	.42	.42	.42	.41	.42
		PDI-831-3	≤2.0 & > 0[1] in. wc	.38	.40	.40	.40	.40	.40	.40
	200 area re-circulation filter plenum (HVP-802) ΔP	[1]PDI-832-1	≤2.0 & > 0[1] in. wc	.62	.62	.62	.62	.62	.62	.62
		PDI-832-2	≤2.0 & > 0[1] in. wc	.66	.68	.68	.68	.68	.68	.68
		PDI-832-3	≤2.0 & > 0[1] in. wc	.60	.60	.61	.60	.60	.60	.60
4.1.3.4[2]	North Bleed off filter plenum (FF-820A) ΔP	[1]PDI-807-1	≤2.0 & > 0[1] in. wc	.12	.12	.12	.12	.12	.12	.12
		PDI-807-2	≤2.0 & > 0[1] in. wc	.52	.57	.57	.57	.58	.59	.59
		PDI-807-3	≤2.0 & > 0[1] in. wc	.51	.51	.51	.51	.51	.50	.50
4.1.3.4[2]	North Bleed off filter plenum (FF-820B) ΔP	[1]PDI-809-1	≤2.0 & > 0[1] in. wc	off	OFF	off	off	OFF	OFF	OFF
		PDI-809-2	≤2.0 & > 0[1] in. wc	off	OFF	off	off	OFF	OFF	OFF
		PDI-809-3	≤2.0 & > 0[1] in. wc	off	OFF	off	off	OFF	OFF	OFF

Attachment B-2: Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 2 of 5)

			Date:	4-12-21	4/13/21	4/14/21	4/15/21	4/16/21	4/17/21	4/18/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	ZH					ZH	
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.3.4[2]	North Basement exhaust filter plenum (FF-828) ΔP	[1]PDI-829-1	≤2.0 & > 0[1] in. wc	.50	.07	.07	4/15/21 .07	.07	.07	.07
		PDI-829-2	≤2.0 & > 0[1] in. wc	.50	.51	.51	.51	.51	.51	.51
		PDI-829-3	≤2.0 & > 0[1] in. wc	.49	.50	.50	.51	.50	.50	.50
4.1.1.7[2]	100 area re-circulation filter plenum (HVP-803) ΔP	[1]PDI-833-1	≤2.0 & > 0[1] in. wc	.08	.08	.08	.08	.08	.08	.08
		PDI-833-2	≤2.0 & > 0[1] in. wc	.54	.54	.54	.55	.55	.53	.53
		PDI-833-3	≤2.0 & > 0[1] in. wc	.51	.51	.51	.51	.51	.50	.51
	100 area re-circulation filter plenum (HVP-804) ΔP	[1]PDI-835-1	≤2.0 & > 0[1] in. wc	.06	.06	.06	.06	.06	.06	.06
		PDI-835-2	≤2.0 & > 0[1] in. wc	.50	.50	.50	.50	.50	.50	.50
		PDI-835-3	≤2.0 & > 0[1] in. wc	.49	.50	.50	.50	.50	.50	.50
4.1.3.4[2]	100 area glovebox exhaust filter plenum (FF852) ΔP	[1]PDI-815-1	≤2.0 & > 0[1] in. wc	.23	.22	.23	.23	.23	.21	.22
		PDI-815-2	≤2.0 & > 0[1] in. wc	4/12/21 .51	.52	.52	.52	.52	.51	.52
		PDI-815-4	≤2.0 & > 0[1] in. wc	.45	.46	.46	.46	.46	.48	.48
		PDI-815-5	≤2.0 & > 0[1] in. wc	.49	.49	.49	.49	.49	.49	.49
4.1.3.4[2]	100 area glovebox exhaust filter plenum (FF853) ΔP	[1]PDI-816-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-816-2	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-816-4	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-816-5	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY

Attachment B-2: Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 3 of 5)

			Date:	4-12-21	4/13/21	4/14/21	4/15/21	4/16/21	4/17/21	4/18/21
			Weekday:	Mon.	Tue.	Wed	Thu.	Fri.	Sat.	Sun.
			Initials:	RH					RH	
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF850) ΔP	[1]PDI-812-1	≤2.0 & > 0[1] in. wc	.12	.12	.13	.13	.13	.13	.12
		PDI-812-2	≤2.0 & > 0[1] in. wc	.28	.29	.30	.30	.30	.28	.28
		PDI-812-3	≤2.0 & > 0[1] in. wc	.25	.25	.28	.29	.30	.25	.26
		PDI-812-4	≤2.0 & > 0[1] in. wc	.26	.29	.28	.28	.28	.28	.28
		PDI-812-5	≤2.0 & > 0[1] in. wc	.32	.32	.32	.32	.32	.31	.31
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF851) ΔP	[1]PDI-813-1	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-813-2	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-813-3	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-813-4	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
		PDI-813-5	≤2.0 & > 0[1] in. wc	STBY	STBY	STBY	STBY	STBY	STBY	STBY
4.1.3.4[2]	IFIT exhaust filter plenum (FF-865) ΔP	[1]PDI-865-1	≤2.0 & > 0[1] in. wc	.01	.02	.02	.02	.02	.02	.02
		PDI-865-2	≤2.0 & > 0[1] in. wc	.40	.40	.40	.40	.40	.40	.40
		PDI-865-3	≤2.0 & > 0[1] in. wc	.35	.36	.38	.38	.36	.36	.36
4.1.3.4[2]	IFIT supply filter plenum (HVP-863) ΔP	[1]PDI-863-1	≤2.0 & > 0[1] in. wc	.06	.06	.04	.04	.04	.04	.05
		PDI-863-2	≤2.0 & >0[1] in. wc	.33	.34	.32	.34	.34	.32	.33

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 4 of 5)

			Date:	4-12-21	4/13/21	4/14/21	4/15/21	4/16/21	4/17/21	4/18/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	RH	TL	AM	AM	TL	RH	TL
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS**						
4.1.3.4[2]	North Basement supply filter plenum (HVP-840) ΔP	[1]PDI-857-1	≤ 2.0 & > 0[1] in. wc	.10	.10	.10	.11	.11	.10	.10
		PDI-857-2	≤ 2.0 & > 0[1] in. wc	.47	.47	.47	.47	.47	.48	.48
4.1.3.4[2]	North corridor supply filter plenum (HVP-809) ΔP	[1]PDI-856-1	≤ 2.0 & > 0[1] in. wc	.03	.02	.03	.03	.03	.03	.03
		PDI-856-2	≤ 2.0 & > 0[1] in. wc	.61	.61	.61	.61	.61	.60	.60
[1]NA	**Combustible exclusion area around basement exhaust fans FE828, FE829 and bleed-off fans FE820A, FE820B, FE820C, FE822A, FE822B, FE822C**		**0 lb/ft² combustibles in designated exclusion area (within 15 feet of fans)**	SAT	Sat	SAT	SAT	Sat	SAT	Sat
4.3.2.2[2]	Room 201		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	Sat	SAT	SAT	Sat	SAT	Sat
4.3.2.2[2]	Room 204		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	Sat	SAT	SAT	Sat	SAT	Sat

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 5 of 5)

			Date:	4-12-21	4/13/21	4/14/21	4/15/21	4/16/21	4/17/21	4/18/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	RH	[illegible]	[illegible]	[illegible]	[illegible]	RH	[illegible]
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS						
4.3.2.2[2]	Room 206		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	Sat	Sat	SAT	SAT	Sat	SAT	Sat
4.3.2.2[2]	Room 207		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	Sat	Sat	SAT	SAT	Sat	SAT	Sat
			Completion time	0810	0825	0850	0740	0751	0950	0905
			OC Operator Review and Page Count Complete (initials)	BC	BC	M	M	BC	BC	BC
			OCS Daily Review Sign off (initials)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[1] Non TSR requirement

[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR's 4.1.3.4 and 4.3.2.2 apply during both Mode 1 and Mode 2.

Note: Rooms 201, 206 & 207 **must be** entered for surveillance even if they are red lit, room 204 can be viewed through the window. Notify the Operations Center of any rooms that are unable to be entered for the performance of rounds, Operations Center will make a logbook entry recording the room(s) and reason(s) for non-entry. Document in the comments section any room(s) and reason(s) they were unable to be entered for rounds.

Completed by: [illegible] Date 4/18/21 Time 0905 Reviewed by: [illegible] On-duty Supervisor Date: 4/18/21 Time: 1919

Comments:

Attachment C, Non-PF-4 Daily Surveillance Rounds [UET]

(Page 1 of 1)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

M&TE Calibrated Data						
Record September through April only	PF-10 Thermometer File No.:	039746	PF-10 Thermistor File No.:	105353	V-701 Thermistor File No.:	103763
	Calibration Expiration Date:	8/5/21	Calibration Expiration Date:	8/13/21	Calibration Expiration Date:	8/13/21
	PF-11 Thermometer File No.:	039745	PF-11 Thermistor File No.:	105352	V-704 Thermistor File No.:	103761
	Calibration Expiration Date:	8/11/21	Calibration Expiration Date:	8/13/21	Calibration Expiration Date:	8/13/21

PF-10 & PF-11 Pump house Room Temperature and V-701 & V-704 Fire Water Storage Tank Temperature									
Daily (September through April only)		Date:	4/12/21	4/13/21	4/14/21	4/15/21	4/16/21	4.17.21	4/18/21
		Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
		Initials:	PJC	[illegible]	[illegible]	PJC	PJC	BL	[illegible]
SR	**Description**	**Acceptance Criteria**							
NA	ENSURE *M&TE Calibration Data* above is recorded and calibration dates have not elapsed	Calibration dates have not elapsed	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT
4.3.1.1[1]	RECORD fire water storage tank V-701 temperature	≥ 42.1 F	55.1	54.4	54.3	54.5	54.2	54.0	53.9
4.3.1.1[1]	RECORD fire water storage tank V-704 temperature	≥ 42.1 F	55.6	55.1	54.4	54.3	53.9	53.2	51.7
4.3.1.3[1]	RECORD PF-10 room temperature	≥ 50.1 F	61.4	59.2	59.8	60.8	59.7	58.7	56.1
4.3.1.3[1]	RECORD PF-11 room temperature	≥ 50.1 F	59.1	59.2	60.8	60.6	59.4	60.8	59.3
		Completion Time:	0727	0757	0715	0712	0704	0851	~~0858~~ 0858
OC Operator Review and Page Count Complete (initials)			BL	BL	M	M	BL	BL	[illegible]
OCS Daily Review Sign off (initials)			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[1] Temperatures should be recorded using Reference Thermometer FLUKE Model 1524 connected to Thermistor Probe Fluke Model 5610-9 (or approved engineered equivalent).

Completed by: C. Coleman Date 4/18/21 Time 0858

Reviewed by: [signature] Date: 4/18/21 Time: 1915
On-duty Supervisor

Comments:

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 1 of 3)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

Note Gauge readings should be taken on rack #4 in the OC. whenever possible. Document if alternate PDIs are used.		**Date:**	4/19/21		4/20/21		4/21/21		04.22.21		4/23/21		4/24/21		4/25/21	
		Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
		Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
		Initials:	M	DH	M	DH	[illegible]		[illegible]		M	APA	M	DH	M	DH
SRs	**Description**	**Gauge Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**													
4.1.1.1 4.1.2.1[2]	**200 area glovebox exhaust header ΔP**	PDI-814-1 or PDI-814-2 ≤-1.5 in. wc[1]	-1.99	-2.01	-2.01	-1.99	-1.99	-1.94	-1.99	-2.02	-2.00	-1.99	-1.97	-2.01	-1.99	-1.99
	100 area glovebox exhaust header ΔP	PDI-820-1 or PDI-820-2 ≤-1.5 in. wc[1]	-1.92	-1.90	-1.90	-1.89	-1.91	-1.91	-1.89	-1.91	-1.90	-1.89	-1.91	-1.90	-1.89	-1.91
	300 area glovebox exhaust header ΔP	PDI-870-1 or PDI-870-2 ≤-1.5 in. wc[1]	-1.97	-1.96	-1.97	-1.96	-1.97	-1.96	-1.95	-1.97	-1.97	-1.95	-1.96	-1.96	-1.97	-1.96
	400 area glovebox exhaust header ΔP	PDI-864-1 or PDI-864-2 ≤-1.5 in. wc[1]	-1.93	-1.97	-1.98	-1.99	-1.97	-1.98	-1.99	-1.94	-1.99	-1.96	-1.97	-1.98	-2.00	-1.99
4.1.1.2 4.1.1.5[3] 4.1.2.2[2]	**200 area laboratory header ΔP**	PDI-803-1 or PDI-803-2 ≤-0.05 in. wc[1]	-.18	-.21	-.19	-.19	-.18	0.80	-.20	0.20	-.19	-.21	-.19	-.21	-.19	-.21
	100 area laboratory header ΔP	PDI-802-1 or PDI-802-2 ≤-0.05 in. wc[1]	-.25	-.25	-.25	-.25	-.24	0.24	-.26	0.26	-.25	-.27	-.24	-.26	-.26	-.26
	300 area laboratory header ΔP	PDI-853-1 or PDI-853-2 ≤-0.05 in. wc[1]	-.19	-.20	-.21	-.22	-.20	0.20	-.22	0.20	-.19	-.21	-.20	-.20	-.18	-.20
	400 area laboratory header ΔP	PDI-852-1 or PDI-852-2 ≤-0.05 in. wc[1]	-.19	-.20	-.21	-.21	-.19	0.21	-.21	0.19	-.18	-.21	-.20	-.21	-.18	-.20
	IFIT Facility ΔP	PDI-865-4 or PDI-865-5 ≤-0.05 in. wc	-.15	-.15	-.15	-.15	-.15	0.15	-.15	0.15	-.14	-.14	-.15	-.15	-.15	-.15
4.1.1.3 4.1.2.3[2]	**North basement ΔP**	PDI-804-1 or PDI-804-2 < 0.00 in. wc	-.09	-.09	-.09	-.09	-.09	0.09	-.09	0.09	-.09	-.09	-.09	-.09	-.09	-.09
	South basement ΔP	PDI-854-1 or PDI-854-2 < 0.00 in. wc	-.09	-.09	-.09	-.09	-.09	0.09	-.09	0.09	-.09	-.09	-.09	-.09	-.09	-.09
	IRT Tunnel ΔP	PDT-901 or PDI-901 < 0.00 in. wc	-.109	-.109	-.102	-.110	-.114	0.110	-.095	0.088	-.110	-.108	-.106	-.110	-.108	-.113

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 2 of 3)

Note Readings should be taken using FCS screens FMT#151,152,201LD and 202LD. Field verification and local plenum PDI's may be used if FCS is unavailable.		**Date:**	4/19/21		4/20/21		4/21/21		04-22-21		4/23/21		4/24/21		4/25/21	
		Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
		Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
		Initials:	M	DH	M	DH	C	[illegible]	[illegible]	[illegible]	M	AM	M	DH	M	DH
SRs	**Description**	**Readings**	**Acceptance Criteria**	**SURVEILLANCE RESULTS Sat / Unsat (circle one)**												
4.1.1.6	**200 area re-circulation fan/ plenum**	FR-801 Icon red and PDT-831 ΔP >.050 or FR-802 Icon red and PDT-832 ΔP >.050	At least one fan/plenum is in service	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat
	100 area re-circulation fan/ plenum	FR-803 Icon red and PDT-833 ΔP >.050 or FR-804 Icon red and PDT-835 ΔP >.050	At least one fan/plenum is in service	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat
	300 area re-circulation fan/ plenum	FR-805 Icon red and PDT-836 ΔP >.050 or FR-806 Icon red and PDT-837 ΔP >.050	At least one fan/plenum is in service	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat
	400 area re-circulation fan/ plenum	FR-807 Icon red and PDT-838 ΔP >.050 or FR-808 Icon red and PDT-839 ΔP >.050	At least one fan/plenum is in service	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat
	Vault re-circulation fan/ plenum	FR-811 Icon red and PDT-840 ΔP >.050 or FR-812 Icon red and PDT-841 ΔP >.050	At least one fan/plenum is in service	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 3 of 3)

Note
Gauge readings should be taken on rack #4 in the OC when possible, local PDI equivalents may be used if necessary. Document any alternate PDIs used.

				Date:	4/19/21		4/20/21		4/21/21		04.22.21		4/23/21		4/24/21		4/25/21	
				Weekday:	Mon		Tue		Wed		Thu		Fri		Sat		Sun	
				Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
				Initials:	M	DH	M	OH	C	[illegible]	[illegible]	[illegible]	M	ATJ	M	DH	M	OH
SRs	**Description**	**Area**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS Sat / Unsat (circle one)**													
4.1.1.4	**Glovebox exhaust header ΔPs < laboratory ΔPs < basement ΔPs for areas 100, 200, 300 and 400**	200 Area	PDI-814-2 PDI-803-2 PDI-804-2	PDI-814-2 < PDI-803-2 < PDI-804-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		100 Area	PDI-820-2 PDI-802-2 PDI-804-2	PDI-820-2 < PDI-802-2 < PDI-804-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		300 Area	PDI-870-2 PDI-853-2 PDI-854-2	PDI-870-2 < PDI-853-2 < PDI-854-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		400 Area	PDI-864-2 PDI-852-2 PDI-854-2	PDI-864-2 < PDI-852-2 < PDI-854-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		Completion Time			0735	1931	0732	1934	0724	1916	0715	1915	0733	1930	0733	1930	0730	1930
		OCS Daily Review Sign off (initials)			[illegible]	4/19/21 DH ARS	[illegible]	ATJ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ARS

[1] Mode 2 acceptance criteria is < 0.00 in. wc.

[2] SRs 4.1.2.x only apply during Mode 2 in accordance with LCO 3.1.2.

[3] SRs 4.1.1.5 is only applicable when MAR is in the IFIT Facility

Completed by: [signature] Date 4/25/21 Time 1930 Reviewed by: LAURENT [signature] Date: 4/25/21 Time: 1935
On-duty Supervisor

Comments: _____

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 1 of 4)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

SR 4.4.1.1, The OPERABILITY acceptance criterion for this surveillance is:
The FLAMMABLE GAS detector in the FSTF FLAMMABLE GAS SOURCE storage cabinet is exposed to the ambient atmosphere in the storage cabinet. The gas concentration readout directly on the detector in the storage cabinet is compared with the gas concentration readout on the system control and alarm panel. The difference between the two readings is checked to VERIFY it is in the range of (≥-0.1; ≤0.1).

		Date:	4-19-21	4/20/21	4/21/21	4/22/21	4/23/21	4/24/21	4/25/21
		Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
		Initials:	[illegible]	[illegible]	ZH	ZH	ZH	RM	RM
	Description / Gauge	**Acceptance Criteria**	**SURVEILLANCE RESULTS (percentage)**						
SR 4.4.1.1	**Flammable Gas Channel Check DET-305-3 (LCD Reading)**	NA	005	005	005	005	005	005	005
	CP-305-H (LED Reading)		005	005	005	005	005	005	005
	(DET-305-3) – (CP-305H) (LCD Reading) (LED Reading)	Record Calculated Value	000	000	000	000	000	000	000
		≥ -0.1; ≤+0.1	~~Sat / Unsat~~ 000	~~Sat / Unsat~~ 000	~~Sat / Unsat~~ 000	~~Sat / Unsat~~ 000	~~Sat / Unsat~~ 000	~~Sat / Unsat~~ 000	~~Sat / Unsat~~ 000
		Completion Time:	0702	0713	0758	0830	0953	0824	0750

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 2 of 4)

			Date:	4-19-21	4/20/21	4/21/21	4/22/21	4/23/21	4/24/21	4/25/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:							
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.3.4[2]	South basement supply filter plenum (HVP-841) ΔP	[1]PDI-894-1	≤2.0 & > 0[1] in. wc	.02	.02	.03	.02	.02	.02	.02
		PDI-894-2	≤2.0 & > 0[1] in. wc	.48	.48	.49	.49	.49	.49	.50
4.1.3.4[2]	South Corridor supply (HVP-810) ΔP	[1]PDI-895-1	≤2.0 & > 0[1] in. wc	.05	.04	.05	.05	.05	.05	.05
		PDI-895-2	≤2.0 & > 0[1] in. wc	.71	.71	.68	.70	.70	.71	.71
4.1.3.4[2]	300 area glovebox exhaust filter plenum (FF854) ΔP	[1]PDI-817-1	≤2.0 & > 0[1] in. wc	STBY	STBY	.30	.30	.29	.30	.30
		PDI-817-2	≤2.0 & > 0[1] in. wc	STBY	STBY	.30	.30	.30	.31	.31
		PDI-817-4	≤2.0 & > 0[1] in. wc	STBY	STBY	.32	.32	.32	.35	.33
		PDI-817-5	≤2.0 & > 0[1] in. wc	STBY	STBY	.30	.30	.31	.33	.32
4.1.3.4[2]	300 area special recovery glovebox exhaust filter plenum (FF858) ΔP	PDI-81 9-1	≤2.0 & > 0[1] in. wc	STBY	STBY	.48	.48	.48	.46	.47
		PDI-81 9-3	≤2.0 & > 0[1] in. wc	STBY	STBY	.46	.47	.48	.48	.48
		PDI-819-4	≤2.0 & > 0[1] in. wc	STBY	STBY	.40	.40	.40	.40	.40
4.1.3.4[2]	300 area glovebox exhaust filter plenum (FF855) ΔP	[1]PDI-818-1	≤2.0 & > 0[1] in. wc	.26	.26	STBY	STBY	STBY	STBY	STBY
		PDI-818-2	≤2.0 & > 0[1] in. wc	.31	.31	STBY	STBY	STBY	STBY	STBY
		PDI-818-4	≤2.0 & > 0[1] in. wc	.31	.31	STBY	STBY	STBY	STBY	STBY
		PDI-818-5	≤2.0 & > 0[1] in. wc	.31	.31	STBY	STBY	STBY	STBY	STBY
4.1.3.4[2]	300 area special recovery glovebox exhaust filter plenum (FF859) ΔP	PDI-821-1	≤2.0 & > 0[1] in. wc	.46	.46	STBY	STBY	STBY	STBY	STBY
		PDI-821-3	≤2.0 & > 0[1] in. wc	.46	.46	STBY	STBY	STBY	STBY	STBY
		PDI-821-4	≤2.0 & > 0[1] in. wc	.41	.41	STBY	STBY	STBY	STBY	STBY

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 3 of 4)

			Date:	4/19/21	4/20/21	4/21/21	4/22/21	4/23/21	4/24/21	4/25/21
			Weekday:	Mon	Tue	Wed	Thu	Fri.	Sat	Sun
			Initials:	[illegible] / RH	[illegible]	RH	RH	RH	[illegible]	[illegible]
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.3.4[2]	400 area glovebox exhaust filter plenum (FF856) ΔP	[1]PDI-822-1	≤2.0 & > 0[1] in. wc	STBY	STBY	.13	.14	.14	.15	.15
		PDI-822-2	≤2.0 & > 0[1] in. wc	STBY	STBY	.60	.60	.60	.62	.61
		PDI-822-4	≤2.0 & > 0[1] in. wc	STBY	STBY	.46	.48	.47	.46	.46
		PDI-822-5	≤2.0 & > 0[1] in. wc	STBY	STBY	.60	.60	.60	.60	.60
4.1.3.4[2]	400 area glovebox exhaust filter plenum (FF857) ΔP	[1]PDI-823-1	≤2.0 & > 0[1] in. wc	.08	.08	STBY	STBY	STBY	STBY	STBY
		PDI-823-2	≤2.0 & > 0[1] in. wc	.56	.56	STBY	STBY	STBY	STBY	STBY
		PDI-823-4	≤2.0 & > 0[1] in. wc	.49	.49	STBY	STBY	STBY	STBY	STBY
		PDI-823—5	≤2.0 & > 0[1] in. wc	.61	.61	STBY	STBY	STBY	STBY	STBY
4.1.3.4[2]	South Basement exhaust filter plenum (FF-829) ΔP	[1]PDI-830-1	≤2.0 & > 0[1] in. wc	.27	.25	.30	.15	.14	.25	.25
		PDI-830-2	≤2.0 & > 0[1] in. wc	.09	.09	.10	.07	.02	.10	.10
		PDI-830-3	≤2.0 & > 0[1] in. wc	.11	.11	.11	.10	.09	.11	.11
4.1.1.7[2]	300 area re-circulation filter plenum (HVP-805) ΔP	[1]PDI-836-1	≤2.0 & > 0[1] in. wc	.07	.07	.07	.07	RH 4/22/21 ~~.07~~ .07	.08	.08
		PDI-836-2	≤2.0 & > 0[1] in. wc	.66	.66	.66	.66	RH 4/22/21 ~~.67~~ .67	.67	.68
		PDI-836-3	≤2.0 & > 0[1] in. wc	.67	.67	.68	.68	RH 4/22/21 ~~.68~~ .68	.68	.67
	300 area re-circulation filter plenum (HVP-806) ΔP	[1]PDI-837-1	≤2.0 & > 0[1] in. wc	.04	.04	.04	.04	RH 4/22/21 ~~.04~~ .04	.04	.04
		PDI-837-2	≤2.0 & > 0[1] in. wc	.49	.49	.50	.49	RH 4/22/21 ~~.49~~ .49	.49	.49
		PDI-837-3	≤2.0 & > 0[1] in. wc	.44	.44	.45	.41	RH 4/22/21 ~~.44~~ .41	.44	.43

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 4 of 4)

			Date:	4-19-21	4/20/21	4/21/21	4/22/21	4/23/21	4/24/21	4/25/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	[illegible] RH	[illegible]	RH	RH	RH	RH	RH
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.1.7[2]	400 area re-circulation filter plenum (HVP-807) ΔP	[1]PDI-838-1	≤2.0 & > 0[1] in. wc	.59	.59	.59	.59	.59	.59	.60
		PDI-838-2	≤2.0 & > 0[1] in. wc	.58	.58	.58	.60	.60	.59	.60
		PDI-838-3	≤2.0 & > 0[1] in. wc	.59	.59	.59	.60	.60	.60	.60
	400 area re-circulation filter plenum (HVP-808) ΔP	[1]PDI-839-1	≤2.0 & > 0[1] in. wc	.55	.55	.42	.41	.42	.41	.42
		PDI-839-2	≤2.0 & > 0[1] in. wc	.41	.41	.53	.51	.51	.52	.52
		PDI-839-3	≤2.0 & > 0[1] in. wc	.53	.53	.52	.51	.51	.51	.52
4.1.3.4[2]	South Bleed off filter plenum (FF-822A) ΔP	[1]PDI-810-1	≤2.0 & > 0[1] in. wc	.16	.17	.14	OFF	.17	.17	.16
		PDI-810-2	≤2.0 & > 0[1] in. wc	.86	.86	.85	OFF	.90	.88	.81
		PDI-810-3	≤2.0 & > 0[1] in. wc	.51	.51	.50	OFF	.59	.51	.50
4.1.3.4[2]	South Bleed off filter plenum (FF-822B) ΔP	[1]PDI -811 - 1	≤2.0 & > 0[1] in. wc	off	off	OFF	-.11	OFF	Off	Off
		PDI -811 -2	≤2.0 & > 0[1] in. wc	off	off	OFF	.51	OFF	Off	Off
		PDI -811 -3	≤2.0 & > 0[1] in. wc	OFF	off	OFF	.51	OFF	Off	Off
			Completion Time	0838	0754	0913	0925	0914	0735	0740
OC Operator Review and Page Count Complete (initials)				M	M	RH	RH	M	M	M
OCS Daily Review Sign off (initials)				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[1] Non TSR requirement

[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR 4.1.3.4 apply during both Mode 1 and Mode 2 as stated in LCO 3.1.3.

Completed by: [illegible] Date 4/25/21 Time 0740 Reviewed by: [illegible] On-duty Supervisor Date: 4/25/21 Time: 0915

Comments 4.4.1.1 waiting for calibration. Not in use.

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 1 of 5)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

			Date:	4-19-21	4/20/21	4/21/21	4/22/21	4/23/21	4/24/21	4/25/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	JM/RH	JM RL	RH	RH	RH	RLL	RLL
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.1.7[2]	**Vault re-circulation filter plenum (HVP-811) ΔP Vault re-circulation filter plenum (HVP-812) ΔP**	[1]PDI-840-1	≤2.0 & > 0[1] in. wc	.17	.17	STBY	STBY	STBY	STBY	STBY
		PDI-840-2	≤2.0 & > 0 in[1] wc	.54	.54	STBY	STBY	STBY	STBY	STBY
		PDI-840-3	≤2.0 & > 0[1] in. wc	.51	.51	STBY	STBY	STBY	STBY	STBY
		[1]PDI-841-1	≤2.0 & > 0[1] in. wc	STBY	STBY	.48	.48	.48	.48	.48
		PDI-841-2	≤2.0 & > 0[1] in. wc	STBY	STBY	.59	.59	.59	.59	.59
		PDI-841-3	≤2.0 & > 0[1] in. wc	STBY	STBY	.52	.51	.51	.51	.52
	200 area re-circulation filter plenum (HVP-801) ΔP	[1]PDI-831-1	≤2.0 & > 0[1] in. wc	.36	.36	.37	.36	.36	.37	.36
		PDI-831-2	≤2.0 & > 0[1] in. wc	.42	.42	.41	.41	.41	.42	.41
		PDI-831-3	≤2.0 & > 0[1] in. wc	.40	.40	.40	.40	.40	.40	.40
	200 area re-circulation filter plenum (HVP-802) ΔP	[1]PDI-832-1	≤2.0 & > 0[1] in. wc	.61	.61	.62	.62	.62	.62	.62
		PDI-832-2	≤2.0 & > 0[1] in. wc	.68	.68	.68	.68	.68	.68	.68
		PDI-832-3	≤2.0 & > 0[1] in. wc	.60	.60	.60	.60	.60	.60	.61
4.1.3.4[2]	**North Bleed off filter plenum (FF-820A) ΔP**	[1]PDI-807-1	≤2.0 & > 0[1] in. wc	.12	.12	OFF	.12	.12	.12	.12
		PDI-807-2	≤2.0 & > 0[1] in. wc	.58	.58	OFF	.59	.59	.59	.59
		PDI-807-3	≤2.0 & > 0[1] in. wc	.51	.51	OFF	.50	.50	.50	.50
4.1.3.4[2]	**North Bleed off filter plenum (FF-820B) ΔP**	[1]PDI-809-1	≤2.0 & > 0[1] in. wc	OFF	OFF	.08	OFF	OFF	OFF	OFF
		PDI-809-2	≤2.0 & > 0[1] in. wc	OFF	OFF	.56	OFF	OFF	OFF	OFF
		PDI-809-3	≤2.0 & > 0[1] in. wc	OFF	OFF	.51	OFF	OFF	OFF	OFF

Attachment B-2: Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 2 of 5)

			Date:	4-19-21	4/20/21	4/21/21	4/22/21	4/23/21	4/24/21	4/25/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	JM/RH	TL	RH	RH	RH	RH	RM
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	North Basement exhaust filter plenum (FF-828) ΔP	[1]PDI-829-1	≤2.0 & > 0[1] in. wc	.07	.07	.06	.08	.04	.08	.07
		PDI-829-2	≤2.0 & > 0[1] in. wc	.51	.51	.50	.58	.50	.50	.49
		PDI-829-3	≤2.0 & > 0[1] in. wc	.50	.50	.47	.51	.50	.47	.46
4.1.1.7[2]	100 area re-circulation filter plenum (HVP-803) ΔP	[1]PDI-833-1	≤2.0 & > 0[1] in. wc	.08	.08	.08	.08	.08	.09	.08
		PDI-833-2	≤2.0 & > 0[1] in. wc	.55	.55	.53	.52	.52	.55	.55
		PDI-833-3	≤2.0 & > 0[1] in. wc	.51	.51	.51	.50	.50	.52	.52
	100 area re-circulation filter plenum (HVP-804) ΔP	[1]PDI-835-1	≤2.0 & > 0[1] in. wc	.06	.06	.06	.06	.06	.06	.06
		PDI-835-2	≤2.0 & > 0[1] in. wc	.50	.50	.50	.50	.50	.50	.50
		PDI-835-3	≤2.0 & > 0[1] in. wc	.50	.50	.50	.50	.50	.50	.50
4.1.3.4[2]	100 area glovebox exhaust filter plenum (FF852) ΔP	[1]PDI-815-1	≤2.0 & > 0[1] in. wc	.23	.23	STBY	STBY	STBY	STBY	STBY
		PDI-815-2	≤2.0 & > 0[1] in. wc	.52	.52	STBY	STBY	STBY	STBY	STBY
		PDI-815-4	≤2.0 & > 0[1] in. wc	.46	.47	STBY	STBY	STBY	STBY	STBY
		PDI-815-5	≤2.0 & > 0[1] in. wc	.49	.49	STBY	STBY	STBY	STBY	STBY
4.1.3.4[2]	100 area glovebox exhaust filter plenum (FF853) ΔP	[1]PDI-816-1	≤2.0 & > 0[1] in. wc	STBY	STBY	.41	.41	.41	.45	.45
		PDI-816-2	≤2.0 & > 0[1] in. wc	STBY	STBY	.53	.58	.56	.55	.55
		PDI-816-4	≤2.0 & > 0[1] in. wc	STBY	STBY	.50	.50	.50	.50	.50
		PDI-816-5	≤2.0 & > 0[1] in. wc	STBY	STBY	.50	.51	.51	.52	.52

Attachment B-2: Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 3 of 5)

			Date:	4-19-21	4/20/21	4/21/21	4/22/21	4/23/21	4/24/21	4/25/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	[illegible] / RH	[illegible]	RH	ZH	RH	[illegible]	[illegible]
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF850) ΔP	[1]PDI-812-1	≤2.0 & > 0[1] in. wc	.13	.13	STBY	STBY	STBY	STBY	STBY
		PDI-812-2	≤2.0 & > 0[1] in. wc	.30	.30	STBY	STBY	STBY	STBY	STBY
		PDI-812-3	≤2.0 & > 0[1] in. wc	.29	.29	STBY	STBY	STBY	STBY	STBY
		PDI-812-4	≤2.0 & > 0[1] in. wc	.28	.26	STBY	STBY	STBY	STBY	STBY
		PDI-812-5	≤2.0 & > 0[1] in. wc	.31	.30	STBY	STBY	STBY	STBY	STBY
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF851) ΔP	[1]PDI-813-1	≤2.0 & > 0[1] in. wc	STBY	STBY	.06	.06	.05	.05	.06
		PDI-813-2	≤2.0 & > 0[1] in. wc	STBY	STBY	.22	.22	.21	.22	.22
		PDI-813-3	≤2.0 & > 0[1] in. wc	STBY	STBY	.20	.20	.20	.18	.18
		PDI-813-4	≤2.0 & > 0[1] in. wc	STBY	STBY	.22	.21	.21	.25	.29
		PDI-813-5	≤2.0 & > 0[1] in. wc	STBY	STBY	.30	.30	.29	.30	.28
4.1.3.4[2]	IFIT exhaust filter plenum (FF-865) ΔP	[1]PDI-865-1	≤2.0 & > 0[1] in. wc	.02	.02	.02	.02	.02	.02	.02
		PDI-865-2	≤2.0 & > 0[1] in. wc	.39	.40	.40	.40	.40	.40	.40
		PDI-865-3	≤2.0 & > 0[1] in. wc	.38	.38	.36	.37	.35	.38	.36
4.1.3.4[2]	IFIT supply filter plenum (HVP-863) ΔP	[1]PDI-863-1	≤2.0 & > 0[1] in. wc	.04	.04	.05	.05	.04	.04	.04
		PDI-863-2	≤2.0 & >0[1] in. wc	.31	.31	.31	.31	.31	.34	.34

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 4 of 5)

			Date:	4/19/21	4/20/21	4/21/21	4/22/21	4/23/21	4/24/21	4/25/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	JM/RH	JM YL	RH	RH	RH	RH	RH
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS**						
4.1.3.4[2]	North Basement supply filter plenum (HVP-840) ΔP	[1]PDI-857-1	≤ 2.0 & > 0[1] in. wc	.11	.11	.10	.10	.10	.11	.11
		PDI-857-2	≤ 2.0 & > 0[1] in. wc	.47	.47	.47	.48	.48	.46	.46
4.1.3.4[2]	North corridor supply filter plenum (HVP-809) ΔP	[1]PDI-856-1	≤ 2.0 & > 0[1] in. wc	.04	.04	.04	.04	.04	.04	.04
		PDI-856-2	≤ 2.0 & > 0[1] in. wc	.61	.61	.68	.61	.61	.61	.61
[1]NA	**Combustible exclusion area around basement exhaust fans FE828, FE829 and bleed-off fans FE820A, FE820B, FE820C, FE822A, FE822B, FE822C**		**0 lb/ft² combustibles in designated exclusion area (within 15 feet of fans)**	SAT	SAT	SAT	SAT	SAT	SAT	SAT
4.3.2.2[2]	Room 201		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	SAT	SAT	SAT	SAT	SAT	SAT
4.3.2.2[2]	Room 204		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	SAT	SAT	SAT	SAT	SAT	SAT

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 5 of 5)

			Date:	4/19/21	4/20/21	4/21/21	4/22/21	4/23/21	4/24/21	4/25/21
			Weekday:	Mon	Tue	Wed	Thu.	Fri	Sat	Sun
			Initials:	[illegible]	[illegible]	RH	RH	RH	[illegible]	[illegible]
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS**						
4.3.2.2[2]	Room 206		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	SAT	SAT	SAT	SAT	SAT	SAT
4.3.2.2[2]	Room 207		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	SAT	SAT	SAT	SAT	SAT	SAT
			Completion time	0830	0740	0914	0926	0841	0820	0814
			OC Operator Review and Page Count Complete (initials)	M	M	RH	RH	M	M	M
			OCS Daily Review Sign off (initials)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[1] Non TSR requirement

[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR's 4.1.3.4 and 4.3.2.2 apply during both Mode 1 and Mode 2.

Note: Rooms 201, 206 & 207 **must be** entered for surveillance even if they are red lit, room 204 can be viewed through the window. Notify the Operations Center of any rooms that are unable to be entered for the performance of rounds, Operations Center will make a logbook entry recording the room(s) and reason(s) for non-entry. Document in the comments section any room(s) and reason(s) they were unable to be entered for rounds.

Completed by: RICHARD T. MARTINEZ Date 4/25/21 Time 0814 Reviewed by: [illegible] Date: 4/25/21 Time: 0918

On-duty Supervisor

Comments: _____

Attachment C, Non-PF-4 Daily Surveillance Rounds [UET]

(Page 1 of 1)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

M&TE Calibrated Data							
Record September through April only	PF-10 Thermometer File No.:	039746	PF-10 Thermistor File No.:	105353	V-701 Thermistor File No.:	103763
	Calibration Expiration Date:	8/5/21	Calibration Expiration Date:	8/13/21	Calibration Expiration Date:	8/13/21
	PF-11 Thermometer File No.:	039745	PF-11 Thermistor File No.:	105352	V-704 Thermistor File No.:	103761
	Calibration Expiration Date:	8/11/21	Calibration Expiration Date:	8/13/21	Calibration Expiration Date:	8/13/21

PF-10 & PF-11 Pump house Room Temperature and V-701 & V-704 Fire Water Storage Tank Temperature									
Daily (September through April only)		Date:	4/19/21	4/20/21	4/21/21	4/22/21	4/23/21	4/24/21	4/25/21
		Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
		Initials:	PJC	PJC	PJC	[illegible]	PJC	M	M
SR	**Description**	**Acceptance Criteria**							
NA	ENSURE *M&TE Calibration Data* above is recorded and calibration dates have not elapsed	Calibration dates have not elapsed	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT
4.3.1.1[1]	RECORD fire water storage tank V-701 temperature	≥ 42.1 F	54.2	54.3	53.9	54.1	54.4	54.7	55.3
4.3.1.1[1]	RECORD fire water storage tank V-704 temperature	≥ 42.1 F	51.3	51.4	50.6	50.4	50.8	51.1	51.9
4.3.1.3[1]	RECORD PF-10 room temperature	≥ 50.1 F	59.1	60.2	58.6	59.7	61.9	60.3	62.0
4.3.1.3[1]	RECORD PF-11 room temperature	≥ 50.1 F	56.2	61.4	61.3	60.5	57.6	55.7	58.1
		Completion Time:	0717	0704	0812	0723	0735	0947	0837
OC Operator Review and Page Count Complete (initials)			M	M	[illegible]	[illegible]	M	M	M
OCS Daily Review Sign off (initials)			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[1] Temperatures should be recorded using Reference Thermometer FLUKE Model 1524 connected to Thermistor Probe Fluke Model 5610-9 (or approved engineered equivalent).

Completed by: [signature] Date 4/25/21 Time 0837

Reviewed by: [signature] Date: 4/25/21 Time: 0847
On-duty Supervisor

Comments:

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 1 of 3)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

Note Gauge readings should be taken on rack #4 in the OC. whenever possible. Document if alternate PDIs are used.		**Date:**	04.26.21		4/27/21		4/28/21		4/29/21		4/30/21					
		Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
		Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
		Initials:	BC	TS	C	JSC	M	DH	M	AMJ	C	JSC				
SRs	**Description**	**Gauge Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**													
4.1.1.1 4.1.2.1[2]	**200 area glovebox exhaust header ΔP**	PDI-814-1 or PDI-814-2 ≤-1.5 in. wc[1]	-2.00	-2.02	-2.02	-2.00	-1.99	-2.03	-2.00	-2.00	-2.01	-1.98				
	100 area glovebox exhaust header ΔP	PDI-820-1 or PDI-820-2 ≤-1.5 in. wc[1]	-1.92	-1.90	-1.90	-1.90	-1.89	-1.90	-1.89	-1.90	-1.90	-1.89				
	300 area glovebox exhaust header ΔP	PDI-870-1 or PDI-870-2 ≤-1.5 in. wc[1]	-1.97	-1.97	-1.96	-1.98	-1.94	-1.98	-1.95	-1.97	-1.96	-1.96				
	400 area glovebox exhaust header ΔP	PDI-864-1 or PDI-864-2 ≤-1.5 in. wc[1]	-1.97	-1.99	-1.98	-1.98	-1.94	-2.00	-1.96	-1.99	-1.97	-1.97				
4.1.1.2 4.1.1.5[3] 4.1.2.2[2]	**200 area laboratory header ΔP**	PDI-803-1 or PDI-803-2 ≤-0.05 in. wc[1]	-.20	-.18	-.20	-0.21	-.20	-.20	-.20	-.19	-.18	-0.19				
	100 area laboratory header ΔP	PDI-802-1 or PDI-802-2 ≤-0.05 in. wc[1]	-.25	-.25	-.25	-0.26	-.26	-.26	-.27	-.25	-.23	-0.24				
	300 area laboratory header ΔP	PDI-853-1 or PDI-853-2 ≤-0.05 in. wc[1]	-.19	-.20	-.20	-0.21	-.20	-.20	-.23	-.22	-.19	-0.22				
	400 area laboratory header ΔP	PDI-852-1 or PDI-852-2 ≤-0.05 in. wc[1]	-.18	-.20	-.18	-0.20	-.19	-.18	-.22	-.20	-.19	-0.21				
	IFIT Facility ΔP	PDI-865-4 or PDI-865-5 ≤-0.05 in. wc	-.15	-.16	-.15	-0.15	-.14	-.15	-.15	-.15	-.15	-0.15				
4.1.1.3 4.1.2.3[2]	**North basement ΔP**	PDI-804-1 or PDI-804-2 < 0.00 in. wc	-.09	-.09	-.09	-0.09	-.09	-.09	-.09	-.09	-.09	-0.09				
	South basement ΔP	PDI-854-1 or PDI-854-2 < 0.00 in. wc	-.09	-.09	-.09	-0.09	-.09	-.09	-.08	-.09	-.09	-0.09				
	IRT Tunnel ΔP	PDT-901 or PDI-901 < 0.00 in. wc	-.103	-.110	-.113	-0.112	-.111	-.114	-.094	-.107	-.110	-0.112				

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 2 of 3)

Note Readings should be taken using FCS screens FMT#151,152,201LD and 202LD. Field verification and local plenum PDI's may be used if FCS is unavailable.			**Date:**	04.26.21		4/27/21		4/28/21		4/29/21		4/30/21					
			Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
			Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
			Initials:	BC	TS	C	JSL	M	DH	M	AM	C	JSL				
SRs	**Description**	**Readings**	**Acceptance Criteria**	**SURVEILLANCE RESULTS Sat / Unsat (circle one)**													
4.1.1.6	**200 area re-circulation fan/ plenum**	FR-801 Icon red and PDT-831 ΔP >.050 or FR-802 Icon red and PDT-832 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	100 area re-circulation fan/ plenum	FR-803 Icon red and PDT-833 ΔP >.050 or FR-804 Icon red and PDT-835 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	300 area re-circulation fan/ plenum	FR-805 Icon red and PDT-836 ΔP >.050 or FR-806 Icon red and PDT-837 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	400 area re-circulation fan/ plenum	FR-807 Icon red and PDT-838 ΔP >.050 or FR-808 Icon red and PDT-839 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	Vault re-circulation fan/ plenum	FR-811 Icon red and PDT-840 ΔP >.050 or FR-812 Icon red and PDT-841 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 3 of 3)

Note
Gauge readings should be taken on rack #4 in the OC when possible, local PDI equivalents may be used if necessary. Document any alternate PDIs used.

				Date:	04.26.21		4/27/21		4/28/21		4/29/21		4/30/21				
				Weekday:	Mon		Tue		Wed		Thu		Fri		Sat		Sun	
				Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
				Initials:	BL	TS	C	SSL	M	DM	M	AM	C	SSL				
SRs	**Description**	**Area**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS** Sat / Unsat (circle one)													
4.1.1.4	**Glovebox exhaust header ΔPs < laboratory ΔPs < basement ΔPs for areas 100, 200, 300 and 400**	200 Area	PDI-814-2 PDI-803-2 PDI-804-2	PDI-814-2 < PDI-803-2 < PDI-804-2	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		100 Area	PDI-820-2 PDI-802-2 PDI-804-2	PDI-820-2 < PDI-802-2 < PDI-804-2	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		300 Area	PDI-870-2 PDI-853-2 PDI-854-2	PDI-870-2 < PDI-853-2 < PDI-854-2	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		400 Area	PDI-864-2 PDI-852-2 PDI-854-2	PDI-864-2 < PDI-852-2 < PDI-854-2	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		Completion Time			0728	1916	0711	1916	0733	1933	0733	1935	0712	1922				
		OCS Daily Review Sign off (initials)								AM								

[1] Mode 2 acceptance criteria is < 0.00 in. wc.
[2] SRs 4.1.2.x only apply during Mode 2 in accordance with LCO 3.1.2.
[3] SRs 4.1.1.5 is only applicable when MAR is in the IFIT Facility

Completed by: SSL Date 4.30.21 Time 1922 Reviewed by: _____ Date: 4/30/21 Time: 1929
On-duty Supervisor

Comments: _____

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 1 of 4)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

SR 4.4.1.1, The OPERABILITY acceptance criterion for this surveillance is:
The FLAMMABLE GAS detector in the FSTF FLAMMABLE GAS SOURCE storage cabinet is exposed to the ambient atmosphere in the storage cabinet. The gas concentration readout directly on the detector in the storage cabinet is compared with the gas concentration readout on the system control and alarm panel. The difference between the two readings is checked to VERIFY it is in the range of (≥-0.1; ≤0.1).

		Date:	4-26-21	4-27-21	4-28-21	4-29-21	04/30/21		
		Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
		Initials:	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
SR 4.4.1.1	Description / Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (percentage)						
	Flammable Gas Channel Check DET-305-3 (LCD Reading)	NA	005	005	005	005	005		
	CP-305-H (LED Reading)		005	005	005	005	005		
	(DET-305-3) – (CP-305H)	Record Calculated Value	005	005	005	005	005		
	(LCD Reading) (LED Reading)	≥ -0.1; ≤+0.1	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat	Sat / Unsat
		Completion Time:	0705	0702	0710	0709	0700		

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 2 of 4)

			Date:	4-26-21	4-27-21	4-28-21	4-29-21	04/30/21		
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	R	R	R	R	MR		
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.3.4[2]	South basement supply filter plenum (HVP-841) ΔP	[1]PDI-894-1	≤2.0 & > 0[1] in. wc	.02	.03	.03	.02	.03		
		PDI-894-2	≤2.0 & > 0[1] in. wc	.49	.48	.49	.50	.50		
4.1.3.4[2]	South Corridor supply (HVP-810) ΔP	[1]PDI-895-1	≤2.0 & > 0[1] in. wc	.05	.04	.05	.05	.05		
		PDI-895-2	≤2.0 & > 0[1] in. wc	.70	.70	.71	.71	.72		
4.1.3.4[2]	300 area glovebox exhaust filter plenum (FF854) ΔP	[1]PDI-817-1	≤2.0 & > 0[1] in. wc	.29	STBY	STBY	STBY	.36		
		PDI-817-2	≤2.0 & > 0[1] in. wc	.30	STBY	STBY	STBY	.32		
		PDI-817-4	≤2.0 & > 0[1] in. wc	.32	STBY	STBY	STBY	.32		
		PDI-817-5	≤2.0 & > 0[1] in. wc	.31	STBY	STBY	STBY	.31		
4.1.3.4[2]	300 area special recovery glovebox exhaust filter plenum (FF858) ΔP	PDI-81 9-1	≤2.0 & > 0[1] in. wc	.44	STBY	STBY	STBY	.45		
		PDI-81 9-3	≤2.0 & > 0[1] in. wc	.48	STBY	STBY	STBY	.43		
		PDI-819-4	≤2.0 & > 0[1] in. wc	.40	STBY	STBY	STBY	.36		
4.1.3.4[2]	300 area glovebox exhaust filter plenum (FF855) ΔP	[1]PDI-818-1	≤2.0 & > 0[1] in. wc	STBY	.26	.26	.27	Stby		
		PDI-818-2	≤2.0 & > 0[1] in. wc	STBY	.31	.31	.31	Stby		
		PDI-818-4	≤2.0 & > 0[1] in. wc	STBY	.31	.31	.31	Stby		
		PDI-818-5	≤2.0 & > 0[1] in. wc	STBY	.31	.30	.31	Stby		
4.1.3.4[2]	300 area special recovery glovebox exhaust filter plenum (FF859) ΔP	PDI-821-1	≤2.0 & > 0[1] in. wc	STBY	.42	.42	.42	Stby		
		PDI-821-3	≤2.0 & > 0[1] in. wc	STBY	.48	.48	.48	Stby		
		PDI-821-4	≤2.0 & > 0[1] in. wc	STBY	.41	.41	.41	Stby		

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 3 of 4)

			Date:	4-26-21	4-27-21	4-28-21	4-29-21	04/30/21		
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	R	R	R	R	mjt		
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	**400 area glovebox exhaust filter plenum (FF856) ΔP**	[1]PDI-822-1	≤2.0 & > 0[1] in. wc	.12	STBY	STBY	STBY	.12		
		PDI-822-2	≤2.0 & > 0[1] in. wc	.61	STBY	STBY	STBY	.59		
		PDI-822-4	≤2.0 & > 0[1] in. wc	.48	STBY	STBY	STBY	.43		
		PDI-822-5	≤2.0 & > 0[1] in. wc	.60	STBY	STBY	STBY	.58		
4.1.3.4[2]	**400 area glovebox exhaust filter plenum (FF857) ΔP**	[1]PDI-823-1	≤2.0 & > 0[1] in. wc	STBY	.08	.07	.07	stby		
		PDI-823-2	≤2.0 & > 0[1] in. wc	STBY	.60	.58	.59	stby		
		PDI-823-4	≤2.0 & > 0[1] in. wc	STBY	.50	.49	.49	stby		
		PDI-823—5	≤2.0 & > 0[1] in. wc	STBY	.64	.62	.62	stby		
4.1.3.4[2]	**South Basement exhaust filter plenum (FF-829) ΔP**	[1]PDI-830-1	≤2.0 & > 0[1] in. wc	.25	.30	.25	.25	[illegible]		
		PDI-830-2	≤2.0 & > 0[1] in. wc	.04	.03	.04	.04	.05		
		PDI-830-3	≤2.0 & > 0[1] in. wc	.10	.11	.11	.11	.12		
4.1.1.7[2]	**300 area re-circulation filter plenum (HVP-805) ΔP**	[1]PDI-836-1	≤2.0 & > 0[1] in. wc	.07	.08	.07	.07	.07		
		PDI-836-2	≤2.0 & > 0[1] in. wc	.67	.68	.68	.68	.65		
		PDI-836-3	≤2.0 & > 0[1] in. wc	.68	.64	.66	.66	.66		
	300 area re-circulation filter plenum (HVP-806) ΔP	[1]PDI-837-1	≤2.0 & > 0[1] in. wc	.04	.05	.06	.05	.04		
		PDI-837-2	≤2.0 & > 0[1] in. wc	.49	.50	.49	.50	.50		
		PDI-837-3	≤2.0 & > 0[1] in. wc	.42	.42	.44	.45	.45		

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 4 of 4)

			Date:	4-26-21	4-27-21	4-28-21	4-29-21	[illegible]		
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	R	R	R	R	[illegible]		
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.1.7[2]	400 area re-circulation filter plenum (HVP-807) ΔP	[1]PDI-838-1	≤2.0 & > 0[1] in. wc	.58	.58	.59	.60	.60		
		PDI-838-2	≤2.0 & > 0[1] in. wc	.60	.59	.60	.59	.58		
		PDI-838-3	≤2.0 & > 0[1] in. wc	.52	.59	.59	.59	.59		
	400 area re-circulation filter plenum (HVP-808) ΔP	[1]PDI-839-1	≤2.0 & > 0[1] in. wc	.42	.42	.42	.42	.42		
		PDI-839-2	≤2.0 & > 0[1] in. wc	.52	.52	.52	.54	.52		
		PDI-839-3	≤2.0 & > 0[1] in. wc	.59	.53	.52	.52	.52		
4.1.3.4[2]	South Bleed off filter plenum (FF-822A) ΔP	[1]PDI-810-1	≤2.0 & > 0[1] in. wc	.16	OFF	OFF	OFF	.16		
		PDI-810-2	≤2.0 & > 0[1] in. wc	.82	OFF	OFF	OFF	.83		
		PDI-810-3	≤2.0 & > 0[1] in. wc	.51	OFF	OFF	OFF	.52		
4.1.3.4[2]	South Bleed off filter plenum (FF-822B) ΔP	[1]PDI -811 - 1	≤2.0 & > 0[1] in. wc	OFF	.10	.11	.12	OFF		
		PDI -811 -2	≤2.0 & > 0[1] in. wc	OFF	.50	.52	.52	OFF		
		PDI -811 -3	≤2.0 & > 0[1] in. wc	OFF	.51	.52	.51	OFF		
			Completion Time	0805	0745	0800	0810	0738		
OC Operator Review and Page Count Complete (initials)				MC	BC	M	M	BC		
OCS Daily Review Sign off (initials)				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		

[1] Non TSR requirement

[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR 4.1.3.4 apply during both Mode 1 and Mode 2 as stated in LCO 3.1.3.

Completed by: Michael Irish Date 4/30/21 Time 0806 Reviewed by: [illegible] Date: 4/30/21 Time: 0945

On-duty Supervisor

Comments 4.4.1.1 Meter is out of service, awaiting Calibration

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 1 of 5)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

			Date:	4-26-21	4-27-21	4-28-21	4-29-21	04/30/21		
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	(R)	(R)	(R)	(R)	[illegible]		
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.1.7[2]	Vault re-circulation filter plenum (HVP-811) ΔP Vault re-circulation filter plenum (HVP-812) ΔP	[1]PDI-840-1	≤2.0 & > 0[1] in. wc	STBY	.16	.18	.18	STBY		
		PDI-840-2	≤2.0 & > 0 in[1]. wc	STBY	.53	.52	.52	STBY		
		PDI-840-3	≤2.0 & > 0[1] in. wc	STBY	.51	.51	.51	STBY		
		[1]PDI-841-1	≤2.0 & > 0[1] in. wc	.48	STBY	STBY	STBY	.48		
		PDI-841-2	≤2.0 & > 0[1] in. wc	.59	STBY	STBY	STBY	.58		
		PDI-841-3	≤2.0 & > 0[1] in. wc	.52	STBY	STBY	STBY	.52		
	200 area re-circulation filter plenum (HVP-801) ΔP	[1]PDI-831-1	≤2.0 & > 0[1] in. wc	.36	.36	.36	.36	.36		
		PDI-831-2	≤2.0 & > 0[1] in. wc	.42	.41	.41	.42	.41		
		PDI-831-3	≤2.0 & > 0[1] in. wc	.40	.40	.39	.40	.39		
	200 area re-circulation filter plenum (HVP-802) ΔP	[1]PDI-832-1	≤2.0 & > 0[1] in. wc	.62	.62	.62	.62	.62		
		PDI-832-2	≤2.0 & > 0[1] in. wc	.68	.68	.68	.68	.67		
		PDI-832-3	≤2.0 & > 0[1] in. wc	.60	.60	.60	.61	.61		
4.1.3.4[2]	North Bleed off filter plenum (FF-820A) ΔP	[1]PDI-807-1	≤2.0 & > 0[1] in. wc	.12	OFF	OFF	OFF	off		
		PDI-807-2	≤2.0 & > 0[1] in. wc	.58	OFF	OFF	OFF	off		
		PDI-807-3	≤2.0 & > 0[1] in. wc	.50	OFF	OFF	OFF	off		
4.1.3.4[2]	North Bleed off filter plenum (FF-820B) ΔP	[1]PDI-809-1	≤2.0 & > 0[1] in. wc	OFF	.05	.05	.06	.07		
		PDI-809-2	≤2.0 & > 0[1] in. wc	OFF	.51	.51	.51	.53		
		PDI-809-3	≤2.0 & > 0[1] in. wc	OFF	.50	.51	.50	.52		

Attachment B-2: Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 2 of 5)

			Date:	4-26-21	4-27-21	4-28-21	4-29-21	04/30/21		
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	R	R	R	R	MP		
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.3.4[2]	North Basement exhaust filter plenum (FF-828) ΔP	[1]PDI-829-1	≤2.0 & > 0[1] in. wc	.06	.06	.06	.06	.06		
		PDI-829-2	≤2.0 & > 0[1] in. wc	.49	.50	.50	.50	.47		
		PDI-829-3	≤2.0 & > 0[1] in. wc	.46	.48	.49	.49	.46		
4.1.1.7[2]	100 area re-circulation filter plenum (HVP-803) ΔP	[1]PDI-833-1	≤2.0 & > 0[1] in. wc	.08	.08	.09	.09	.09		
		PDI-833-2	≤2.0 & > 0[1] in. wc	.50	.52	.52	.53	.53		
		PDI-833-3	≤2.0 & > 0[1] in. wc	.51	.38	.38	.37	.35		
	100 area re-circulation filter plenum (HVP-804) ΔP	[1]PDI-835-1	≤2.0 & > 0[1] in. wc	.06	.06	.06	.06	.06		
		PDI-835-2	≤2.0 & > 0[1] in. wc	.50	.50	.50	.50	.50		
		PDI-835-3	≤2.0 & > 0[1] in. wc	.50	.50	.50	.50	.50		
4.1.3.4[2]	100 area glovebox exhaust filter plenum (FF852) ΔP	[1]PDI-815-1	≤2.0 & > 0[1] in. wc	STBY	.04	.04	.05	STBY		
		PDI-815-2	≤2.0 & > 0[1] in. wc	STBY	.51	.50	.50	STBY		
		PDI-815-4	≤2.0 & > 0[1] in. wc	STBY	.48	.49	.49	STBY		
		PDI-815-5	≤2.0 & > 0[1] in. wc	STBY	.49	.49	.49	STBY		
4.1.3.4[2]	100 area glovebox exhaust filter plenum (FF853) ΔP	[1]PDI-816-1	≤2.0 & > 0[1] in. wc	.08	STBY	STBY	STBY	.41		
		PDI-816-2	≤2.0 & > 0[1] in. wc	.52	STBY	STBY	STBY	.53		
		PDI-816-4	≤2.0 & > 0[1] in. wc	.50	STBY	STBY	STBY	.50		
		PDI-816-5	≤2.0 & > 0[1] in. wc	.51	STBY	STBY	STBY	.50		

Attachment B-2: Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 3 of 5)

			Date:	4-26-21	4-27-21	4-28-21	4-29-21	4/30/21		
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF850) ΔP	[1]PDI-812-1	≤2.0 & > 0[1] in. wc	STBY	.10	.10	.11	STBY		
		PDI-812-2	≤2.0 & > 0[1] in. wc	STBY	.28	.29	.29	STBY		
		PDI-812-3	≤2.0 & > 0[1] in. wc	STBY	.28	.28	.28	STBY		
		PDI-812-4	≤2.0 & > 0[1] in. wc	STBY	.24	.25	.26	STBY		
		PDI-812-5	≤2.0 & > 0[1] in. wc	STBY	.29	.31	.31	STBY		
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF851) ΔP	[1]PDI-813-1	≤2.0 & > 0[1] in. wc	.07	STBY	STBY	STBY	.07		
		PDI-813-2	≤2.0 & > 0[1] in. wc	.21	STBY	STBY	STBY	.23		
		PDI-813-3	≤2.0 & > 0[1] in. wc	.19	STBY	STBY	STBY	.31		
		PDI-813-4	≤2.0 & > 0[1] in. wc	.22	STBY	STBY	STBY	.28		
		PDI-813-5	≤2.0 & > 0[1] in. wc	.28	STBY	STBY	STBY	.34		
4.1.3.4[2]	IFIT exhaust filter plenum (FF-865) ΔP	[1]PDI-865-1	≤2.0 & > 0[1] in. wc	.02	.02	.02	.02	.02		
		PDI-865-2	≤2.0 & > 0[1] in. wc	.40	.39	.39	.39	.38		
		PDI-865-3	≤2.0 & > 0[1] in. wc	.34	.34	.33	.34	.35		
4.1.3.4[2]	IFIT supply filter plenum (HVP-863) ΔP	[1]PDI-863-1	≤2.0 & > 0[1] in. wc	.04	.05	.05	.05	.05		
		PDI-863-2	≤2.0 & >0[1] in. wc	.32	.31	.31	.31	.32		

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 4 of 5)

			Date:	4-26-21	4-27-21	4-28-21	4-29-21	04/30/21		
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	R	R	R	R	MM		
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS**						
4.1.3.4[2]	North Basement supply filter plenum (HVP-840) ΔP	[1]PDI-857-1	≤ 2.0 & > 0[1] in. wc	.10	.10	.10	.11	.11		
		PDI-857-2	≤2.0 & > 0[1] in. wc	.48	.48	.48	.49	.47		
4.1.3.4[2]	North corridor supply filter plenum (HVP-809) ΔP	[1]PDI-856-1	≤2.0 & > 0[1] in. wc	.02	.03	.03	.04	.05		
		PDI-856-2	≤2.0 & > 0[1] in. wc	.61	.60	.61	.60	.60		
[1]NA	**Combustible exclusion area around basement exhaust fans FE828, FE829 and bleed-off fans FE820A, FE820B, FE820C, FE822A, FE822B, FE822C**		**0 lb/ft² combustibles in designated exclusion area (within 15 feet of fans)**	SAT	SAT	SAT	SAT	SAT		
4.3.2.2[2]	Room 201		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	SAT	SAT	SAT	SAT		
4.3.2.2[2]	Room 204		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	SAT	SAT	SAT	SAT		

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 5 of 5)

			Date:	4-26-21	4-27-21	4-28-21	4-29-21	4/30/21		
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:							
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS**						
4.3.2.2[2]	Room 206		0 lb/ft² combustibles within 3 5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	SAT	SAT	SAT	SAT		
4.3.2.2[2]	Room 207		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	SAT	SAT	SAT	SAT		
			Completion time	0735	0720	0830	0745	0715		
			OC Operator Review and Page Count Complete (initials)							
			OCS Daily Review Sign off (initials)							

[1] Non TSR requirement

[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR's 4.1.3.4 and 4.3.2.2 apply during both Mode 1 and Mode 2.

Note: Rooms 201, 206 & 207 **must be** entered for surveillance even if they are red lit, room 204 can be viewed through the window. Notify the Operations Center of any rooms that are unable to be entered for the performance of rounds, Operations Center will make a logbook entry recording the room(s) and reason(s) for non-entry. Document in the comments section any room(s) and reason(s) they were unable to be entered for rounds.

Completed by: Michael Irish Date 4/30/21 Time 0808 Reviewed by: PRCG Date: 4/30/21 Time: 0930

On-duty Supervisor

Comments: _____

Attachment C, Non-PF-4 Daily Surveillance Rounds [UET]

(Page 1 of 1)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

M&TE Calibrated Data						
Record September through April only	PF-10 Thermometer File No.:	039746	PF-10 Thermistor File No.:	105353	V-701 Thermistor File No.:	103763
	Calibration Expiration Date:	8/5/21	Calibration Expiration Date:	8/13/21	Calibration Expiration Date:	8/13/21
	PF-11 Thermometer File No.:	039745	PF-11 Thermistor File No.:	105352	V-704 Thermistor File No.:	358437 ~~103764~~ 103761
	Calibration Expiration Date:	8/11/21	Calibration Expiration Date:	8/13/21	Calibration Expiration Date:	8/13/21

PF-10 & PF-11 Pump house Room Temperature and V-701 & V-704 Fire Water Storage Tank Temperature									
Daily (September through April only)		Date:	4/26/21	4/27/21	4/28/21	4/29/21	4/30/21		
		Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
		Initials:	[illegible]	[illegible]	[illegible]	[illegible]	PSC		
SR	**Description**	**Acceptance Criteria**							
NA	ENSURE *M&TE Calibration Data* above is recorded and calibration dates have not elapsed	Calibration dates have not elapsed	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT	(SAT)/UNSAT	SAT /UNSAT	SAT /UNSAT
4.3.1.1[1]	RECORD fire water storage tank V-701 temperature	≥ 42 1 F	55.7	56.0	55.5	54.7	54.9		
4.3.1.1[1]	RECORD fire water storage tank V-704 temperature	≥ 42 1 F	53.1	53.6	53.7	58.3	53.8		
4.3.1.3[1]	RECORD PF-10 room temperature	≥ 50 1 F	63.9	62.6	60.5	60.9	59.9		
4.3.1.3[1]	RECORD PF-11 room temperature	≥ 50 1 F	61.1	60.1	56.1	53.2	58.8		
		Completion Time:	0755	0724	0741	0711	0755		
	OC Operator Review and Page Count Complete (initials)		DC	BC	M	M	BC		
	OCS Daily Review Sign off (initials)		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		

[1] Temperatures should be recorded using Reference Thermometer FLUKE Model 1524 connected to Thermistor Probe Fluke Model 5610-9 (or approved engineered equivalent).

Completed by: Patrick Connolly Date 4/30/21 Time 0755

Reviewed by: PRice [illegible] Date: 4/30/21 Time: 1535
On-duty Supervisor

Comments:

Attachment B, Surveillance Training Checklist

(Page 1 of 2)

Procedure title:	SURVEILLANCE ROUNDS
Procedure no.:	TA55-STP-004 R21
Date of issue:	5-1-21
Working copy issued to:	T. STILSON
Working copy issued by:	J. CEDILLO
	Certified Operations Center Operator (OCO)

Procedure is the current revision listed in Documentum: ☑ Yes ☐ Documentum Unavailable

Performance Type: ☑ Scheduled ☐ Partial ☐ Other *If partial or other list reason in Comments below*

Comments: *(Document TSR Status Board tracking date here if different from completion date.)*

Training Checklist:

Workers Performing Surveillance	Applicable Surveillance Training Current	
	OCO Initials	Date
J. CEDILLO	JSC	5-1-21
B. CHANCE	JSC	5-1-21
C. COCHRAN	JSC	5-1-21
D. FEINSCHIEL	JSC	5-1-21
T. STILSON	JSC	5-1-21
M. WELLS	JSC	5-1-21
A. JAURIGUE	JSC	5-1-21
M. MILLER	JSC	5-1-21
R. PRICE	JSC	5-1-21

OC Reviews Complete and TSR Status Board Updated

OCO Signature / Date 5-2-21

Attachment B, Surveillance Training Checklist (continued)

(Page 2 of 2)

Training Checklist (continuation sheet)

Workers Performing Surveillance	Applicable Surveillance Training Current	
	Initials	Date
F. SEYBERT	JSL	5-1-21
D. DUNLAVY	JSL	5-1-21
K. ASHLEY	JSL	5-1-21
M. WASHBURN	JSL	5-1-21
R. HOLMES	JSL	5-1-21
M. IRISH	JSL	5-1-21
T. SANDWORTHY	JSL	5-1-21
J. MARTINEZ	JSL	5-1-21
M. VIGIL	JSL	5-1-21
A. CANTU	JSL	5-1-21
P. CONNELLY	JSL	5-1-21
K. BRAUER	JSL	5-1-21
R. MARTINEZ	JSL	5-1-21

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 1 of 3)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

Note Gauge readings should be taken on rack #4 in the OC. whenever possible. Document if alternate PDIs are used.		**Date:**											05.01.21			
		Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
		Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
		Initials:											BL	JSL		
SRs	**Description**	**Gauge Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**													
4.1.1.1 4.1.2.1[2]	**200 area glovebox exhaust header ΔP**	PDI-814-1 or PDI-814-2 ≤-1.5 in. wc[1]											-1.99	-0.11		
	100 area glovebox exhaust header ΔP	PDI-820-1 or PDI-820-2 ≤-1.5 in. wc[1]											-1.90	-1.91		
	300 area glovebox exhaust header ΔP	PDI-870-1 or PDI-870-2 ≤-1.5 in. wc[1]											-1.96	-1.97		
	400 area glovebox exhaust header ΔP	PDI-864-1 or PDI-864-2 ≤-1.5 in. wc[1]											-1.98	-1.98		
4.1.1.2 4.1.1.5[3] 4.1.2.2[2]	**200 area laboratory header ΔP**	PDI-803-1 or PDI-803-2 ≤-0.05 in. wc[1]											-.18	-0.18		
	100 area laboratory header ΔP	PDI-802-1 or PDI-802-2 ≤-0.05 in. wc[1]											-.24	-0.21		
	300 area laboratory header ΔP	PDI-853-1 or PDI-853-2 ≤-0.05 in. wc[1]											-.20	-0.20		
	400 area laboratory header ΔP	PDI-852-1 or PDI-852-2 ≤-0.05 in. wc[1]											-.20	-0.20		
	IFIT Facility ΔP	PDI-865-4 or PDI-865-5 ≤-0.05 in. wc											-.15	-0.15		
4.1.1.3 4.1.2.3[2]	**North basement ΔP**	PDI-804-1 or PDI-804-2 < 0.00 in. wc											-.09	-0.19 -0.20 5-1-21		
	South basement ΔP	PDI-854-1 or PDI-854-2 < 0.00 in. wc											-.09	-0.18		
	IRT Tunnel ΔP	PDT-901 or PDI-901 < 0.00 in. wc											-.116	-0.173		

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 2 of 3)

Note Readings should be taken using FCS screens FMT#151,152,201LD and 202LD. Field verification and local plenum PDI's may be used if FCS is unavailable.																	
			Date:											05·01·21			
			Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
			Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
			Initials:											BC	JSL		
SRs	**Description**	**Readings**	**Acceptance Criteria**	**SURVEILLANCE RESULTS Sat / Unsat (circle one)**													
4.1.1.6	**200 area re-circulation fan/ plenum**	FR-801 Icon red and PDT-831 ΔP >.050 or FR-802 Icon red and PDT-832 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	(Sat) Unsat	Sat (Unsat)	Sat Unsat	Sat Unsat
	100 area re-circulation fan/ plenum	FR-803 Icon red and PDT-833 ΔP >.050 or FR-804 Icon red and PDT-835 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	(Sat) Unsat	Sat (Unsat)	Sat Unsat	Sat Unsat
	300 area re-circulation fan/ plenum	FR-805 Icon red and PDT-836 ΔP >.050 or FR-806 Icon red and PDT-837 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	(Sat) Unsat	Sat (Unsat)	Sat Unsat	Sat Unsat
	400 area re-circulation fan/ plenum	FR-807 Icon red and PDT-838 ΔP >.050 or FR-808 Icon red and PDT-839 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	(Sat) Unsat	Sat (Unsat)	Sat Unsat	Sat Unsat
	Vault re-circulation fan/ plenum	FR-811 Icon red and PDT-840 ΔP >.050 or FR-812 Icon red and PDT-841 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	(Sat) Unsat	Sat (Unsat)	Sat Unsat	Sat Unsat

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 3 of 3)

Note Gauge readings should be taken on rack #4 in the OC when possible, local PDI equivalents may be used if necessary. Document any alternate PDIs used.				**Date:**										05.01.21			
				Weekday:	Mon		Tue		Wed		Thu		Fri		Sat		Sun	
				Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
				Initials:											BC	JSC		
SRs	**Description**	**Area**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS** **Sat / Unsat (circle one)**													
4.1.1.4	**Glovebox exhaust header ΔPs < laboratory ΔPs < basement ΔPs for areas 100, 200, 300 and 400**	200 Area	PDI-814-2 PDI-803-2 PDI-804-2	PDI-814-2 < PDI-803-2 < PDI-804-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	(Sat) Unsat	Sat (Unsat)	Sat Unsat	Sat Unsat
		100 Area	PDI-820-2 PDI-802-2 PDI-804-2	PDI-820-2 < PDI-802-2 < PDI-804-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	(Sat) Unsat	(Sat) Unsat	Sat Unsat	Sat Unsat
		300 Area	PDI-870-2 PDI-853-2 PDI-854-2	PDI-870-2 < PDI-853-2 < PDI-854-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	(Sat) Unsat	(Sat) Unsat	Sat Unsat	Sat Unsat
		400 Area	PDI-864-2 PDI-852-2 PDI-854-2	PDI-864-2 < PDI-852-2 < PDI-854-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	(Sat) Unsat	(Sat) Unsat	Sat Unsat	Sat Unsat
		Completion Time													0721	1913		
		OCS Daily Review Sign off (initials)																

[1] Mode 2 acceptance criteria is < 0.00 in. wc.

[2] SRs 4.1.2.x only apply during Mode 2 in accordance with LCO 3.1.2.

[3] SRs 4.1.1.5 is only applicable when MAR is in the IFIT Facility

Completed by: JSC Date 5-1-21 Time 1913 Reviewed by: _____ Date: _____ Time: _____

On-duty Supervisor

Comments: 4.1.1.1 NO ZONE 1 FAN IN 200 AREA. 4.1.1.6 NO RUNNING RECYCLE FANS. 4.1.1.4 NO CASCADE IN 200 AREA DUE TO NOT RUNNING 200 AREA ZONE 1 FAN

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 1 of 4)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

SR 4.4.1.1, The OPERABILITY acceptance criterion for this surveillance is:
The FLAMMABLE GAS detector in the FSTF FLAMMABLE GAS SOURCE storage cabinet is exposed to the ambient atmosphere in the storage cabinet. The gas concentration readout directly on the detector in the storage cabinet is compared with the gas concentration readout on the system control and alarm panel. The difference between the two readings is checked to VERIFY it is in the range of (≥-0.1; ≤0.1).

		Date:						05/01/21	
		Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
		Initials:						WG	
SR 4.4.1.1	**Description / Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (percentage)**						
	Flammable Gas Channel Check DET-305-3 (LCD Reading)	NA						005	
	CP-305-H (LED Reading)							005	
	(DET-305-3) – (CP-305H) (LCD Reading) (LED Reading)	Record Calculated Value						005	
		≥ -0.1; ≤+0.1	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat 005	Sat / Unsat
		Completion Time:						0701	

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 2 of 4)

			Date:						05/01/12	
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:						MW	
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.3.4[2]	South basement supply filter plenum (HVP-841) ΔP	[1]PDI-894-1	≤2.0 & > 0[1] in. wc						.00	
		PDI-894-2	≤2.0 & > 0[1] in. wc						.48	
4.1.3.4[2]	South Corridor supply (HVP-810) ΔP	[1]PDI-895-1	≤2.0 & > 0[1] in. wc						.05	
		PDI-895-2	≤2.0 & > 0[1] in. wc						.73	
4.1.3.4[2]	300 area glovebox exhaust filter plenum (FF854) ΔP	[1]PDI-817-1	≤2.0 & > 0[1] in. wc						.30	
		PDI-817-2	≤2.0 & > 0[1] in. wc						.32	
		PDI-817-4	≤2.0 & > 0[1] in. wc						.33	
		PDI-817-5	≤2.0 & > 0[1] in. wc						.32	
4.1.3.4[2]	300 area special recovery glovebox exhaust filter plenum (FF858) ΔP	PDI-81 9-1	≤2.0 & > 0[1] in. wc						.45	
		PDI-81 9-3	≤2.0 & > 0[1] in. wc						.45	
		PDI-819-4	≤2.0 & > 0[1] in. wc						.34	
4.1.3.4[2]	300 area glovebox exhaust filter plenum (FF855) ΔP	[1]PDI-818-1	≤2.0 & > 0[1] in. wc						Stby	
		PDI-818-2	≤2.0 & > 0[1] in. wc						Stby	
		PDI-818-4	≤2.0 & > 0[1] in. wc						Stby	
		PDI-818-5	≤2.0 & > 0[1] in. wc						Stby	
4.1.3.4[2]	300 area special recovery glovebox exhaust filter plenum (FF859) ΔP	PDI-821-1	≤2.0 & > 0[1] in. wc						Stby	
		PDI-821-3	≤2.0 & > 0[1] in. wc						Stby	
		PDI-821-4	≤2.0 & > 0[1] in. wc						Stby	

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 3 of 4)

			Date:						05/01/21	
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:						[illegible]	
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	**400 area glovebox exhaust filter plenum (FF856) ΔP**	[1]PDI-822-1	≤2.0 & > 0[1] in. wc						.14	
		PDI-822-2	≤2.0 & > 0[1] in. wc						.39	
		PDI-822-4	≤2.0 & > 0[1] in. wc						.45	
		PDI-822-5	≤2.0 & > 0[1] in. wc						.59	
4.1.3.4[2]	**400 area glovebox exhaust filter plenum (FF857) ΔP**	[1]PDI-823-1	≤2.0 & > 0[1] in. wc						stby	
		PDI-823-2	≤2.0 & > 0[1] in. wc						stby	
		PDI-823-4	≤2.0 & > 0[1] in. wc						stby	
		PDI-823—5	≤2.0 & > 0[1] in. wc						stby	
4.1.3.4[2]	**South Basement exhaust filter plenum (FF-829) ΔP**	[1]PDI-830-1	≤2.0 & > 0[1] in. wc						.36	
		PDI-830-2	≤2.0 & > 0[1] in. wc						.06	
		PDI-830-3	≤2.0 & > 0[1] in. wc						.13	
4.1.1.7[2]	**300 area re-circulation filter plenum (HVP-805) ΔP**	[1]PDI-836-1	≤2.0 & > 0[1] in. wc						.07	
		PDI-836-2	≤2.0 & > 0[1] in. wc						.67	
		PDI-836-3	≤2.0 & > 0[1] in. wc						.67	
	300 area re-circulation filter plenum (HVP-806) ΔP	[1]PDI-837-1	≤2.0 & > 0[1] in. wc						.05	
		PDI-837-2	≤2.0 & > 0[1] in. wc						.49	
		PDI-837-3	≤2.0 & > 0[1] in. wc						.33	

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 4 of 4)

			Date:						05/01/21	
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:						[illegible]	
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.1.7[2]	400 area re-circulation filter plenum (HVP-807) ΔP	[1]PDI-838-1	≤2.0 & > 0[1] in. wc						.60	
		PDI-838-2	≤2.0 & > 0[1] in. wc						5/1/21 .59	
		PDI-838-3	≤2.0 & > 0[1] in. wc						.59	
	400 area re-circulation filter plenum (HVP-808) ΔP	[1]PDI-839-1	≤2.0 & > 0[1] in. wc						.43	
		PDI-839-2	≤2.0 & > 0[1] in. wc						5/1/21 .52	
		PDI-839-3	≤2.0 & > 0[1] in. wc						.53	
4.1.3.4[2]	South Bleed off filter plenum (FF-822A) ΔP	[1]PDI-810-1	≤2.0 & > 0[1] in. wc						.16	
		PDI-810-2	≤2.0 & > 0[1] in. wc						.83	
		PDI-810-3	≤2.0 & > 0[1] in. wc						.80	
4.1.3.4[2]	South Bleed off filter plenum (FF-822B) ΔP	[1]PDI -811 - 1	≤2.0 & > 0[1] in. wc						off	
		PDI -811 -2	≤2.0 & > 0[1] in. wc						off	
		PDI -811 -3	≤2.0 & > 0[1] in. wc						off	
			Completion Time						0703	
OC Operator Review and Page Count Complete (initials)									BL	
OCS Daily Review Sign off (initials)									[illegible]	

[1] Non TSR requirement
[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR 4.1.3.4 apply during both Mode 1 and Mode 2 as stated in LCO 3.1.3.

Completed by: Michael M. Ivie Date 5/1/21 Time 0703 Reviewed by: _____ Date: _____ Time: _____
On-duty Supervisor

Comments 4.4.1.1 Flamable Gas detector OOS awaiting calibration mm

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 1 of 5)

NOTE This entire Attachment is to be treated as Surveillance Requirement implementing actions.

			Date:						05/01/21	
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:						[illegible]	
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.1.7[2]	**Vault re-circulation filter plenum (HVP-811) ΔP Vault re-circulation filter plenum (HVP-812) ΔP**	[1]PDI-840-1	≤2.0 & > 0[1] in. wc						Stby	
		PDI-840-2	≤2.0 & > 0 in[1]. wc						Stby	
		PDI-840-3	≤2.0 & > 0[1] in. wc						Stby	
		[1]PDI-841-1	≤2.0 & > 0[1] in. wc						.46	
		PDI-841-2	≤2.0 & > 0[1] in. wc						.59	
		PDI-841-3	≤2.0 & > 0[1] in. wc						5/1/21 .40	
	200 area re-circulation filter plenum (HVP-801) ΔP	[1]PDI-831-1	≤2.0 & > 0[1] in. wc						5/1/21 .36	
		PDI-831-2	≤2.0 & > 0[1] in. wc						5/1/21 .62	
		PDI-831-3	≤2.0 & > 0[1] in. wc						.40	
	200 area re-circulation filter plenum (HVP-802) ΔP	[1]PDI-832-1	≤2.0 & > 0[1] in. wc						5/1/21 .53	
		PDI-832-2	≤2.0 & > 0[1] in. wc						.67	
		PDI-832-3	≤2.0 & > 0[1] in. wc						.62	
4.1.3.4[2]	**North Bleed off filter plenum (FF-820A) ΔP**	[1]PDI-807-1	≤2.0 & > 0[1] in. wc						off	
		PDI-807-2	≤2.0 & > 0[1] in. wc						off	
		PDI-807-3	≤2.0 & > 0[1] in. wc						off	
4.1.3.4[2]	**North Bleed off filter plenum (FF-820B) ΔP**	[1]PDI-809-1	≤2.0 & > 0[1] in. wc						.07	
		PDI-809-2	≤2.0 & > 0[1] in. wc						.57	
		PDI-809-3	≤2.0 & > 0[1] in. wc						.53	

Attachment B-2: Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 2 of 5)

			Date:						05/01/21	
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:						MT	
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	**North Basement exhaust filter plenum (FF-828) ΔP**	[1]PDI-829-1	≤2.0 & > 0[1] in. wc						.06	
		PDI-829-2	≤2.0 & > 0[1] in. wc						.47	
		PDI-829-3	≤2.0 & > 0[1] in. wc						.43	
4.1.1.7[2]	**100 area re-circulation filter plenum (HVP-803) ΔP**	[1]PDI-833-1	≤2.0 & > 0[1] in. wc						.58	
		PDI-833-2	≤2.0 & > 0[1] in. wc						.59	
		PDI-833-3	≤2.0 & > 0[1] in. wc						.51	
	100 area re-circulation filter plenum (HVP-804) ΔP	[1]PDI-835-1	≤2.0 & > 0[1] in. wc						.06	
		PDI-835-2	≤2.0 & > 0[1] in. wc						.56	
		PDI-835-3	≤2.0 & > 0[1] in. wc						.52	
4.1.3.4[2]	**100 area glovebox exhaust filter plenum (FF852) ΔP**	[1]PDI-815-1	≤2.0 & > 0[1] in. wc						SHN	
		PDI-815-2	≤2.0 & > 0[1] in. wc						SHN	
		PDI-815-4	≤2.0 & > 0[1] in. wc						SHN	
		PDI-815-5	≤2.0 & > 0[1] in. wc						SHN	
4.1.3.4[2]	**100 area glovebox exhaust filter plenum (FF853) ΔP**	[1]PDI-816-1	≤2.0 & > 0[1] in. wc						.40	
		PDI-816-2	≤2.0 & > 0[1] in. wc						.43	
		PDI-816-4	≤2.0 & > 0[1] in. wc						.48	
		PDI-816-5	≤2.0 & > 0[1] in. wc						.56	

Attachment B-2: Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 3 of 5)

			Date:						05/01/21	
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:						MG	
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF850) ΔP	[1]PDI-812-1	≤2.0 & > 0[1] in. wc						.07	
		PDI-812-2	≤2.0 & > 0[1] in. wc						.20	
		PDI-812-3	≤2.0 & > 0[1] in. wc						.27	
		PDI-812-4	≤2.0 & > 0[1] in. wc						.26	
		PDI-812-5	≤2.0 & > 0[1] in. wc						.31	
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF851) ΔP	[1]PDI-813-1	≤2.0 & > 0[1] in. wc						MG 05/01/21 SMH 005	
		PDI-813-2	≤2.0 & > 0[1] in. wc						SMH 5/1/21 005	
		PDI-813-3	≤2.0 & > 0[1] in. wc						SMH 5/1/21 005	
		PDI-813-4	≤2.0 & > 0[1] in. wc						SMH 5/1/21 005	
		PDI-813-5	≤2.0 & > 0[1] in. wc						MG 5/1/21 SMH 005	
4.1.3.4[2]	IFIT exhaust filter plenum (FF-865) ΔP	[1]PDI-865-1	≤2.0 & > 0[1] in. wc						MG 5/1/21 .35 .02	
		PDI-865-2	≤2.0 & > 0[1] in. wc						.35 .35	
		PDI-865-3	≤2.0 & > 0[1] in. wc						.35	
4.1.3.4[2]	IFIT supply filter plenum (HVP-863) ΔP	[1]PDI-863-1	≤2.0 & > 0[1] in. wc						.04	
		PDI-863-2	≤2.0 & >0[1] in. wc						.31	

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 4 of 5)

			Date:						05/01/21	
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:						MM	
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS**						
4.1.3.4[2]	North Basement supply filter plenum (HVP-840) ΔP	[1]PDI-857-1	≤ 2.0 & > 0[1] in. wc						.06	
		PDI-857-2	≤2.0 & > 0[1] in. wc						.43	
4.1.3.4[2]	North corridor supply filter plenum (HVP-809) ΔP	[1]PDI-856-1	≤2.0 & > 0[1] in. wc						.85	
		PDI-856-2	≤2.0 & > 0[1] in. wc						.61	
[1]NA	**Combustible exclusion area around basement exhaust fans FE828, FE829 and bleed-off fans FE820A, FE820B, FE820C, FE822A, FE822B, FE822C**		**0 lb/ft² combustibles in designated exclusion area (within 15 feet of fans)**						Sat	
4.3.2.2[2]	Room 201		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less						Sat	
4.3.2.2[2]	Room 204		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less						Sat	

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 5 of 5)

			Date:						05/01/21	
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:						MJ	
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS**						
4.3.2.2[2]	Room 206		0 lb/ft^2 combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less						Sat	
4.3.2.2[2]	Room 207		0 lb/ft^2 combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less						Sat	
			Completion time						0752	
			OC Operator Review and Page Count Complete (initials)						MJ	
			OCS Daily Review Sign off (initials)							

[1] Non TSR requirement

[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR's 4.1.3.4 and 4.3.2.2 apply during both Mode 1 and Mode 2.

Note: Rooms 201, 206 & 207 **must be** entered for surveillance even if they are red lit, room 204 can be viewed through the window. Notify the Operations Center of any rooms that are unable to be entered for the performance of rounds, Operations Center will make a logbook entry recording the room(s) and reason(s) for non-entry. Document in the comments section any room(s) and reason(s) they were unable to be entered for rounds.

Completed by: Michael M Fitch Date 5/1/21 Time 0800 Reviewed by: _____ Date: _____ Time: _____

On-duty Supervisor

Comments: 4.1.3.4 200 area Z1 FE-851 Out of Service for VFD upgrade MMF

Attachment B, Surveillance Training Checklist

(Page 1 of 2)

Procedure title:	Surveillance Rounds
Procedure no.:	TA55-STP-004 R22
Date of issue:	~~7-1-2020~~ MRS 5/13/21 5/1/21
Working copy issued to:	J.Cedillo
Working copy issued by:	T.Stilson
	Certified Operations Center Operator (OCO)

Procedure is the current revision listed in Documentum: ☑ Yes ☐ Documentum Unavailable

Performance Type: ☑ Scheduled ☐ Partial ☐ Other *If partial or other list reason in Comments below*

Comments: *(Document TSR Status Board tracking date here if different from completion date.)*

COMMENCEMENT OF REV 22

Training Checklist:

Workers Performing Surveillance		Applicable Surveillance Training Current	
		OCO Initials	Date
Cedillo, John	330354	TS	5-2-21
Chance, Bryan	109569	TS	5-2-21
Cochran,Cory	319862	TS	5-2-21
Heintschel, Dustin	232795	DH	5/3/21
Stilson, Tyler	334315	TS	5-2-21
Wells, Mathew	335126	M	5/3/21
Jaurigue, Antonio	298308	[illegible]	5/4/21
Miller, Marcus	308593	M	5/3/21
Price, Ricky	288994	TS	5-2-21

OC Reviews Complete and TSR Status Board Updated

/

OCO Signature Date

Attachment B, Surveillance Training Checklist (continued)

(Page 2 of 2)

Training Checklist (continuation sheet)

Workers Performing Surveillance		Applicable Surveillance Training Current	
		Initials	Date
Seybert, Fred	212242	MM	5/5/21
Cantu Albert	097986		
Dunlevy, Derek	199876		
Connelly Patrick	327245	TS	5-2-21
Tesch, Chuck	152599		
Washburn, Michael	304241		
Fordham, Brian	235635		
Hohner, Rory	095026	M	5/4/21
Irish, Michael	182680	MM	5/2/21
Langwrothy, Thomas	200955		
Martinez, Jerome	173968	M	5/5/21
Martinez, Richard	184122		
Brauer Kevin	352699	TS	5-2-21
Sheldon Steven	355437	MM	5/3/21
Sanchez, Augustine	090060		
Vigil MATT	239237	TS	5-2-21
ASHLOCK, KEITH	325500	[signature]	5/4/21

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 1 of 3)

NOTE This entire attachment is to be treated as Surveillance Requirement implementing actions.

Note Gauge readings should be taken on rack #4 in the OC. whenever possible. Document if alternate PDIs are used.		**Date:**													5/2/21	
		Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
		Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
		Initials:													~	
SRs	**Description**	**Gauge Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**													
4.1.1.1 4.1.2.1[2]	**200 area glovebox exhaust header ΔP**	PDI-814-1 or PDI-814-2 ≤-1.5 in. wc[1]													-.11	-2.00
	100 area glovebox exhaust header ΔP	PDI-820-1 or PDI-820-2 ≤-1.5 in. wc[1]													-1.90	-1.90
	300 area glovebox exhaust header ΔP	PDI-870-1 or PDI-870-2 ≤-1.5 in. wc[1]													-1.94	-1.97
	400 area glovebox exhaust header ΔP	PDI-864-1 or PDI-864-2 ≤-1.5 in. wc[1]													-1.96	-1.99
4.1.1.2 4.1.1.5[3] 4.1.2.2[2]	**200 area laboratory header ΔP**	PDI-803-1 or PDI-803-2 ≤-0.05 in. wc[1]													~~-1.96~~ -.17	-0.22
	100 area laboratory header ΔP	PDI-802-1 or PDI-802-2 ≤-0.05 in. wc[1]													-.18	-0.26
	300 area laboratory header ΔP	PDI-853-1 or PDI-853-2 ≤-0.05 in. wc[1]													-.14	-0.19
	400 area laboratory header ΔP	PDI-852-1 or PDI-852-2 ≤-0.05 in. wc[1]													-.14	-0.19
	IFIT Facility ΔP	PDI-865-4 or PDI-865-5 ≤-0.05 in. wc													-.13	-0.15
4.1.1.3 4.1.2.3[2]	**North basement ΔP**	PDI-804-1 or PDI-804-2 < 0.00 in. wc													-.17	-0.09
	South basement ΔP	PDI-854-1 or PDI-854-2 < 0.00 in. wc													-.17	-0.09
	IRT Tunnel ΔP	PDT-901 or PDI-901 < 0.00 in. wc													-.162	-0.104

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 2 of 3)

Note Readings should be taken using FCS screens FMT#151,152,201LD and 202LD. Field verification and local plenum PDI's may be used if FCS is unavailable.		**Date:**														5/4/21	
		Weekday:		Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
		Shift:		AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
		Initials:														C	JSL
SRs	**Description**	**Readings**	**Acceptance Criteria**	**SURVEILLANCE RESULTS Sat / Unsat (circle one)**													
4.1.1.6	**200 area re-circulation fan/ plenum**	FR-801 Icon red and PDT-831 ΔP >.050 or FR-802 Icon red and PDT-832 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	(Sat) Unsat
	100 area re-circulation fan/ plenum	FR-803 Icon red and PDT-833 ΔP >.050 or FR-804 Icon red and PDT-835 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	(Sat) Unsat
	300 area re-circulation fan/ plenum	FR-805 Icon red and PDT-836 ΔP >.050 or FR-806 Icon red and PDT-837 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	(Sat) Unsat
	400 area re-circulation fan/ plenum	FR-807 Icon red and PDT-838 ΔP >.050 or FR-808 Icon red and PDT-839 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	(Sat) Unsat
	Vault re-circulation fan/ plenum	FR-811 Icon red and PDT-840 ΔP >.050 or FR-812 Icon red and PDT-841 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	(Sat) Unsat

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 3 of 3)

Note Gauge readings should be taken on rack #4 in the OC when possible, local PDI equivalents may be used if necessary. Document any alternate PDIs used.				**Date:**													5/2/21	
				Weekday:	Mon		Tue		Wed		Thu		Fri		Sat		Sun	
				Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
				Initials:													<	JSC
SRs	**Description**	**Area**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS** **Sat / Unsat (circle one)**													
4.1.1.4	**Glovebox exhaust header ΔPs < laboratory ΔPs < basement ΔPs for areas 100, 200, 300 and 400**	200 Area	PDI-814-2 PDI-803-2 PDI-804-2	PDI-814-2 < PDI-803-2 < PDI-804-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	(Sat) Unsat
		100 Area	PDI-820-2 PDI-802-2 PDI-804-2	PDI-820-2 < PDI-802-2 < PDI-804-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	(Sat) Unsat	(Sat) Unsat
		300 Area	PDI-870-2 PDI-853-2 PDI-854-2	PDI-870-2 < PDI-853-2 < PDI-854-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	(Sat) Unsat	(Sat) Unsat
		400 Area	PDI-864-2 PDI-852-2 PDI-854-2	PDI-864-2 < PDI-852-2 < PDI-854-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	(Sat) Unsat	(Sat) Unsat
		Completion Time															0720	1926
		OCS Daily Review Sign off (initials)															u	

[1] Mode 2 acceptance criteria is < 0.00 in. wc.

[2] SRs 4.1.2.x only apply during Mode 2 in accordance with LCO 3.1.2.

[3] SRs 4.1.1.5 is only applicable when MAR is in the IFIT Facility

Completed by: JSC Date 5-2-21 Time 1926 Reviewed by: _____ Date:_____ Time:_____
On-duty Supervisor

Comments: 200 AREA GB ΔP OUT OF REG, RECIRC FANS OFF. AND 200 AREA CASCADING ΔP'S UNSAT DUE TO ACC GIR / UPD INFORMATION 5/2/21 AM

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 1 of 4)

NOTE This entire attachment is to be treated as Surveillance Requirement implementing actions.

SR 4.4.1.1, The OPERABILITY acceptance criterion for this surveillance is:
The FLAMMABLE GAS detector in the FSTF FLAMMABLE GAS SOURCE storage cabinet is exposed to the ambient atmosphere in the storage cabinet. The gas concentration readout directly on the detector in the storage cabinet is compared with the gas concentration readout on the system control and alarm panel. The difference between the two readings is checked to VERIFY it is in the range of (≥-0.1; ≤0.1).

		Date:							5-2-21
		Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
		Initials:							MV
	Description / Gauge	**Acceptance Criteria**	**SURVEILLANCE RESULTS (percentage)**						
SR 4.4.1.1	**Flammable Gas Channel Check DET-305-3 (LCD Reading)**	NA							005
	CP-305-H (LED Reading)								005
	(DET-305-3) – (CP-305H)	Record Calculated Value							005
	(LCD Reading) (LED Reading)	≥ -0.1; ≤+0.1	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat 005
		Completion Time:							

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 2 of 4)

			Date:		N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:		N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	**South basement supply filter plenum (HVP-841) ΔP**	[1]PDI-894-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-894-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**South Corridor supply (HVP-810) ΔP**	[1]PDI-895-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-895-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**300 area glovebox exhaust filter plenum (FF854) ΔP**	[1]PDI-817-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-817-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-817-4	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-817-5	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**300 area special recovery glovebox exhaust filter plenum (FF858) ΔP**	PDI-81 9-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-81 9-3	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-819-4	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**300 area glovebox exhaust filter plenum (FF855) ΔP**	[1]PDI-818-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-818-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-818-4	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-818-5	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**300 area special recovery glovebox exhaust filter plenum (FF859) ΔP**	PDI-821-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-821-3	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-821-4	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 3 of 4)

			Date:		N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:		N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	**400 area glovebox exhaust filter plenum (FF856) ΔP**	[1]PDI-822-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-822-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-822-4	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-822-5	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**400 area glovebox exhaust filter plenum (FF857) ΔP**	[1]PDI-823-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-823-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-823-4	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-823—5	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**South Basement exhaust filter plenum (FF-829) ΔP**	[1]PDI-830-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-830-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-830-3	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
4.1.1.7[2]	**300 area re-circulation filter plenum (HVP-805) ΔP**	[1]PDI-836-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-836-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-836-3	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
	300 area re-circulation filter plenum (HVP-806) ΔP	[1]PDI-837-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-837-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-837-3	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 4 of 4)

			Date:		N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:		N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.1.7[2]	**400 area re-circulation filter plenum (HVP-807) ΔP**	[1]PDI-838-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-838-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-838-3	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
	400 area re-circulation filter plenum (HVP-808) ΔP	[1]PDI-839-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-839-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-839-3	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**South Bleed off filter plenum (FF-822A) ΔP**	[1]PDI-810-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-810-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-810-3	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**South Bleed off filter plenum (FF-822B) ΔP**	[1]PDI -811 - 1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI -811 -2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI -811 -3	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
			Completion Time							7:30
OC Operator Review and Page Count Complete (initials)										PE
OCS Daily Review Sign off (initials)										M

[1] Non TSR requirement

[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR 4.1.3.4 apply during both Mode 1 and Mode 2 as stated in LCO 3.1.3.

Completed by: MV Date 5-2-21 Time 7:30 Reviewed by: PRICE Date: 5/2/21 Time: 0853

On-duty Supervisor

Comments 4.4.1.1 - system is out of service,

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 1 of 5)

NOTE This entire attachment is to be treated as Surveillance Requirement implementing actions.

			Date:		N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:		N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.1.7[2]	**Vault re-circulation filter plenum (HVP-811) ΔP Vault re-circulation filter plenum (HVP-812) ΔP**	[1]PDI-840-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-840-2	≤2.0 & > 0 in[1]. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-840-3	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		[1]PDI-841-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-841-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-841-3	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
	200 area re-circulation filter plenum (HVP-801) ΔP	[1]PDI-831-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-831-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-831-3	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
	200 area re-circulation filter plenum (HVP-802) ΔP	[1]PDI-832-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-832-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-832-3	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**North Bleed off filter plenum (FF-820A) ΔP**	[1]PDI-807-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-807-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-807-3	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**North Bleed off filter plenum (FF-820B) ΔP**	[1]PDI-809-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-809-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-809-3	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 2 of 5)

			Date:		N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:		N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	**North Basement exhaust filter plenum (FF-828) ΔP**	[1]PDI-829-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-829-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-829-3	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
4.1.1.7[2]	**100 area re-circulation filter plenum (HVP-803) ΔP**	[1]PDI-833-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-833-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-833-3	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
	100 area re-circulation filter plenum (HVP-804) ΔP	[1]PDI-835-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-835-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-835-3	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**100 area glovebox exhaust filter plenum (FF852) ΔP**	[1]PDI-815-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-815-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-815-4	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-815-5	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**100 area glovebox exhaust filter plenum (FF853) ΔP**	[1]PDI-816-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-816-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-816-4	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-816-5	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 3 of 5)

			Date:		N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:		N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF850) ΔP	[1]PDI-812-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-812-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-812-3	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-812-4	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-812-5	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF851) ΔP	[1]PDI-813-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-813-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-813-3	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-813-4	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-813-5	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	IFIT exhaust filter plenum (FF-865) ΔP	[1]PDI-865-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-865-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-865-3	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	IFIT supply filter plenum (HVP-863) ΔP	[1]PDI-863-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-863-2	≤2.0 & >0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 4 of 5)

			Date:							5-2-21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:							MV
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS**						
4.1.3.4[2]	North Basement supply filter plenum (HVP-840) ΔP	[1]PDI-857-1	≤ 2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-857-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	North corridor supply filter plenum (HVP-809) ΔP	[1]PDI-856-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-856-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
[1]NA	**Combustible exclusion area around basement exhaust fans FE828, FE829 and bleed-off fans FE820A, FE820B, FE820C, FE822A, FE822B, FE822C**		**0 lb/ft² combustibles in designated exclusion area (within 15 feet of fans)**		N/A	N/A	N/A	N/A	N/A	N/A
4.3.2.2[2]	Room 201		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less							SAT ~~MV~~ 239237 mV ~~5-2-21~~ 5-2-21
4.3.2.2[2]	Room 204		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less							SAT MV 239237 5-2-21 mV

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 5 of 5)

			Date:							5.2.21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:							MV
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS**						
4.3.2.2[2]	Room 206		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less							SAT 379237 5-2-21 MV MV
4.3.2.2[2]	Room 207		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less							SAT 234237 MV 5-2-21 MV
			Completion time							7:45
			OC Operator Review and Page Count Complete (initials)							BC
			OCS Daily Review Sign off (initials)							[illegible]

[1] Non TSR requirement

[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR's 4.1.3.4 and 4.3.2.2 apply during both Mode 1 and Mode 2.

Note: Rooms 201, 206 & 207 **must be** entered for surveillance even if they are red lit, room 204 can be viewed through the window. Notify the Operations Center of any rooms that are unable to be entered for the performance of rounds, Operations Center will make a logbook entry recording the room(s) and reason(s) for non-entry. Document in the comments section any room(s) and reason(s) they were unable to be entered for rounds.

Completed by: MV Date 5.2.21 Time 7:50 Reviewed by: PRICE [signature] Date: 5/2/21 Time: 0855

On-duty Supervisor

Comments: _____

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 1 of 3)

NOTE This entire attachment is to be treated as Surveillance Requirement implementing actions.

Note: Gauge readings should be taken on rack #4 in the OC. whenever possible. Document if alternate PDIs are used.		Date:	5/3/21		5/4/21		5/5/21		5/6/21		5/7/21		5/8/21		5/9/21	
		Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
		Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
		Initials:	DH	M	[illegible]	M	[illegible]	[illegible]	[illegible]	JSC	DH	M	DH	M	DH	M
SRs	**Description**	**Gauge Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**													
4.1.1.1 4.1.2.1[2]	**200 area glovebox exhaust header ΔP**	PDI-814-1 or PDI-814-2 ≤-1.5 in. wc[1]	-2.01	-2.01	-2.00	-2.01	-2.01	-2.01	-2.01	-2.00	-2.01	-2.00	-2.01	-2.00	-2.00	-2.00
	100 area glovebox exhaust header ΔP	PDI-820-1 or PDI-820-2 ≤-1.5 in. wc[1]	-1.90	-1.90	-1.89	-1.90	-1.98	-1.89	-1.90	-1.90	-1.90	-1.90	-1.89	-1.90	-1.91	-1.90
	300 area glovebox exhaust header ΔP	PDI-870-1 or PDI-870-2 ≤-1.5 in. wc[1]	-1.95	-1.98	-1.97	-1.96	-1.96	-1.96	-1.96	-1.94	-1.97	-1.95	-1.97	-1.96	-1.97	-1.99
	400 area glovebox exhaust header ΔP	PDI-864-1 or PDI-864-2 ≤-1.5 in. wc[1]	-1.98	-2.00	-1.98	-1.99	-1.97	-1.97	-1.97	-1.97	-1.96	-1.97	-1.98	-1.97	-1.98	-1.96
4.1.1.2 4.1.1.5[3] 4.1.2.2[2]	**200 area laboratory header ΔP**	PDI-803-1 or PDI-803-2 ≤-0.05 in. wc[1]	-0.20	-.20	-0.19	-.20	-.21	-0.22	-.20	-0.23	-0.21	-.22	-0.20	-.23	-.21	-.19
	100 area laboratory header ΔP	PDI-802-1 or PDI-802-2 ≤-0.05 in. wc[1]	-0.25	-.25	-0.25	-.25	-.26	-0.28	-.25	-0.29	-0.27	-.27	-0.27	-.27	-.26	-.24
	300 area laboratory header ΔP	PDI-853-1 or PDI-853-2 ≤-0.05 in. wc[1]	-0.21	-.21	-0.20	-.19	-.20	-0.22	-.19	-0.23	-0.19	-.21	-0.21	-.19	-.19	-.16
	400 area laboratory header ΔP	PDI-852-1 or PDI-852-2 ≤-0.05 in. wc[1]	-0.21	-.20	-0.20	-.19	-.20	-0.21	-.19	-0.22	-0.19	-.21	-0.22	-.19	-.19	-.16
	IFIT Facility ΔP	PDI-865-4 or PDI-865-5 ≤-0.05 in. wc	-0.14	-.15	-0.15	-.15	-.15	-0.15	-.15	-0.15	-0.15	-.15	-0.15	-.15	-.15	-.14
4.1.1.3 4.1.2.3[2]	**North basement ΔP**	PDI-804-1 or PDI-804-2 < 0.00 in. wc	-0.09	-.09	-0.09	-.09	-.09	-0.09	-.10	-0.09	-0.09	-.09	-0.09	-.09	-.09	-.09
	South basement ΔP	PDI-854-1 or PDI-854-2 < 0.00 in. wc	-0.09	-.09	-0.09	-.09	-.09	-0.09	-.09	-0.09	-0.09	-.09	-0.09	-.09	-.09	-.09
	IRT Tunnel ΔP	PDT-901 or PDI-901 < 0.00 in. wc	-0.112	-.114	-0.100	-.097	-.112	-0.111	-.116	-0.117	-0.112	-.112	-.101	-.103	-.109	-.121

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 2 of 3)

Note Readings should be taken using FCS screens FMT#151,152,201LD and 202LD. Field verification and local plenum PDI's may be used if FCS is unavailable.		**Date:**	5/3/21		5/4/21		5/5/21		5/6/21		5/7/21		5/8/21		5/9/21	
		Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
		Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
		Initials:	DH	M	[illegible]	M	[illegible]	[illegible]	[illegible]	JSL	DH	M	DH	M	DH	M
SRs	**Description**	**Readings**	**Acceptance Criteria**	**SURVEILLANCE RESULTS Sat / Unsat (circle one)**												
4.1.1.6	**200 area re-circulation fan/ plenum**	FR-801 Icon red and PDT-831 ΔP >.050 or FR-802 Icon red and PDT-832 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	100 area re-circulation fan/ plenum	FR-803 Icon red and PDT-833 ΔP >.050 or FR-804 Icon red and PDT-835 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	300 area re-circulation fan/ plenum	FR-805 Icon red and PDT-836 ΔP >.050 or FR-806 Icon red and PDT-837 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	400 area re-circulation fan/ plenum	FR-807 Icon red and PDT-838 ΔP >.050 or FR-808 Icon red and PDT-839 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	Vault re-circulation fan/ plenum	FR-811 Icon red and PDT-840 ΔP >.050 or FR-812 Icon red and PDT-841 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 3 of 3)

Note Gauge readings should be taken on rack #4 in the OC when possible, local PDI equivalents may be used if necessary. Document any alternate PDIs used.				**Date:**	5/3/21		5/4/21		5/5/21		5/6/21		5/7/21		5/8/21		5/9/21	
				Weekday:	Mon		Tue		Wed		Thu		Fri		Sat		Sun	
				Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
				Initials:	OH	M		M	G		G	JSL	OH	M	OH	M	OH	M
SRs	**Description**	**Area**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS** **Sat / Unsat (circle one)**													
4.1.1.4	**Glovebox exhaust header ΔPs < laboratory ΔPs < basement ΔPs for areas 100, 200, 300 and 400**	200 Area	PDI-814-2 PDI-803-2 PDI-804-2	PDI-814-2 < PDI-803-2 < PDI-804-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		100 Area	PDI-820-2 PDI-802-2 PDI-804-2	PDI-820-2 < PDI-802-2 < PDI-804-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		300 Area	PDI-870-2 PDI-853-2 PDI-854-2	PDI-870-2 < PDI-853-2 < PDI-854-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		400 Area	PDI-864-2 PDI-852-2 PDI-854-2	PDI-864-2 < PDI-852-2 < PDI-854-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		Completion Time			0728	1931	0703	1929	0718	1917	0712	1912	0721	1921	0731	1926	0727	1929
		OCS Daily Review Sign off (initials)													AG		AM	

[1] Mode 2 acceptance criteria is < 0.00 in. wc.

[2] SRs 4.1.2.x only apply during Mode 2 in accordance with LCO 3.1.2.

[3] SRs 4.1.1.5 is only applicable when MAR is in the IFIT Facility

Completed by: _____ Date 5/9/21 Time 1929 Reviewed by: _____ Date: 5/9/21 Time: 1939
On-duty Supervisor

Comments: _____

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 1 of 4)

NOTE This entire attachment is to be treated as Surveillance Requirement implementing actions.

SR 4.4.1.1, The OPERABILITY acceptance criterion for this surveillance is:
The FLAMMABLE GAS detector in the FSTF FLAMMABLE GAS SOURCE storage cabinet is exposed to the ambient atmosphere in the storage cabinet. The gas concentration readout directly on the detector in the storage cabinet is compared with the gas concentration readout on the system control and alarm panel. The difference between the two readings is checked to VERIFY it is in the range of (≥-0.1; ≤0.1).

		Date:	5/3/21	5/4/21	5/5/21	5/6/21	5/7/21	5/8/21	5/9/21
		Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
		Initials:	RH	RH	R	R	RH	[illegible]	[illegible]
SR 4.4.1.1	Description / Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (percentage)						
	Flammable Gas Channel Check DET-305-3 (LCD Reading)	NA	005	005	005	005	005	005	005
	CP-305-H (LED Reading)		005	005	005	005	005	005	005
	(DET-305-3) – (CP-305H)	Record Calculated Value	005	005	005	005	005	005	005
	(LCD Reading) (LED Reading)	≥ -0.1; ≤+0.1	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005
		Completion Time:	0923	0744	0710	0705	0719	0705	0710

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 2 of 4)

			Date:	5/3/21	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	RH	N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	**South basement supply filter plenum (HVP-841) ΔP**	[1]PDI-894-1	≤2.0 & > 0[1] in. wc	.02	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-894-2	≤2.0 & > 0[1] in. wc	.49	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**South Corridor supply (HVP-810) ΔP**	[1]PDI-895-1	≤2.0 & > 0[1] in. wc	.05	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-895-2	≤2.0 & > 0[1] in. wc	.70	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**300 area glovebox exhaust filter plenum (FF854) ΔP**	[1]PDI-817-1	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-817-2	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-817-4	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-817-5	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**300 area special recovery glovebox exhaust filter plenum (FF858) ΔP**	PDI-819-1	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-819-3	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-819-4	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**300 area glovebox exhaust filter plenum (FF855) ΔP**	[1]PDI-818-1	≤2.0 & > 0[1] in. wc	.27	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-818-2	≤2.0 & > 0[1] in. wc	.31	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-818-4	≤2.0 & > 0[1] in. wc	.31	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-818-5	≤2.0 & > 0[1] in. wc	.31	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**300 area special recovery glovebox exhaust filter plenum (FF859) ΔP**	PDI-821-1	≤2.0 & > 0[1] in. wc	.42	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-821-3	≤2.0 & > 0[1] in. wc	.49	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-821-4	≤2.0 & > 0[1] in. wc	.41	N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 3 of 4)

			Date:	5/3/21	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	RH	N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	**400 area glovebox exhaust filter plenum (FF856) ΔP**	[1]PDI-822-1	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-822-2	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-822-4	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-822-5	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**400 area glovebox exhaust filter plenum (FF857) ΔP**	[1]PDI-823-1	≤2.0 & > 0[1] in. wc	.09	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-823-2	≤2.0 & > 0[1] in. wc	.60	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-823-4	≤2.0 & > 0[1] in. wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-823—5	≤2.0 & > 0[1] in. wc	.62	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**South Basement exhaust filter plenum (FF-829) ΔP**	[1]PDI-830-1	≤2.0 & > 0[1] in. wc	.20	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-830-2	≤2.0 & > 0[1] in. wc	.04	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-830-3	≤2.0 & > 0[1] in. wc	.11	N/A	N/A	N/A	N/A	N/A	N/A
4.1.1.7[2]	**300 area re-circulation filter plenum (HVP-805) ΔP**	[1]PDI-836-1	≤2.0 & > 0[1] in. wc	.07	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-836-2	≤2.0 & > 0[1] in. wc	.65	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-836-3	≤2.0 & > 0[1] in. wc	.68	N/A	N/A	N/A	N/A	N/A	N/A
	300 area re-circulation filter plenum (HVP-806) ΔP	[1]PDI-837-1	≤2.0 & > 0[1] in. wc	.04	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-837-2	≤2.0 & > 0[1] in. wc	.49	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-837-3	≤2.0 & > 0[1] in. wc	.42	N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 4 of 4)

			Date:	5/3/21	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	RH	N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.1.7[2]	400 area re-circulation filter plenum (HVP-807) ΔP	[1]PDI-838-1	≤2.0 & > 0[1] in wc	.59	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-838-2	≤2.0 & > 0[1] in wc	.60	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-838-3	≤2.0 & > 0[1] in wc	.59	N/A	N/A	N/A	N/A	N/A	N/A
	400 area re-circulation filter plenum (HVP-808) ΔP	[1]PDI-839-1	≤2.0 & > 0[1] in wc	.42	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-839-2	≤2.0 & > 0[1] in wc	.51	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-839-3	≤2.0 & > 0[1] in wc	.52	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	South Bleed off filter plenum (FF-822A) ΔP	[1]PDI-810-1	≤2.0 & > 0[1] in wc	OFF	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-810-2	≤2.0 & > 0[1] in wc	OFF	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-810-3	≤2.0 & > 0[1] in wc	OFF	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	South Bleed off filter plenum (FF-822B) ΔP	[1]PDI -811 - 1	≤2.0 & > 0[1] in wc	.10	N/A	N/A	N/A	N/A	N/A	N/A
		PDI -811 -2	≤2.0 & > 0[1] in wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
		PDI -811 -3	≤2.0 & > 0[1] in wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
			Completion Time	0948	0954	0715	0710	0834	0750	0835
OC Operator Review and Page Count Complete (initials)				DH				DH	DH	DH
OCS Daily Review Sign off (initials)					ARO			ARO	ARO	ARO

[1] Non TSR requirement
[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR 4.1.3.4 apply during both Mode 1 and Mode 2 as stated in LCO 3.1.3.

Completed by: [signature] Date 5/9/21 Time 0835 Reviewed by: [signature] Date: 5/9/21 Time: 0855
On-duty Supervisor

Comments 4.4.1.1 Awaiting Calibration

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 1 of 5)

NOTE This entire attachment is to be treated as Surveillance Requirement implementing actions.

			Date:	5/3/21	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	BH	N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.1.7[2]	**Vault re-circulation filter plenum (HVP-811) ΔP Vault re-circulation filter plenum (HVP-812) ΔP**	[1]PDI-840-1	≤2.0 & > 0[1] in. wc	.17	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-840-2	≤2.0 & > 0 in[1]. wc	.55	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-840-3	≤2.0 & > 0[1] in. wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
		[1]PDI-841-1	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-841-2	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-841-3	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
	200 area re-circulation filter plenum (HVP-801) ΔP	[1]PDI-831-1	≤2.0 & > 0[1] in. wc	.36	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-831-2	≤2.0 & > 0[1] in. wc	.40	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-831-3	≤2.0 & > 0[1] in. wc	.40	N/A	N/A	N/A	N/A	N/A	N/A
	200 area re-circulation filter plenum (HVP-802) ΔP	[1]PDI-832-1	≤2.0 & > 0[1] in. wc	.60	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-832-2	≤2.0 & > 0[1] in. wc	.68	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-832-3	≤2.0 & > 0[1] in. wc	.60	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**North Bleed off filter plenum (FF-820A) ΔP**	[1]PDI-807-1	≤2.0 & > 0[1] in. wc	.12	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-807-2	≤2.0 & > 0[1] in. wc	.60	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-807-3	≤2.0 & > 0[1] in. wc	.51	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**North Bleed off filter plenum (FF-820B) ΔP**	[1]PDI-809-1	≤2.0 & > 0[1] in. wc	OFF	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-809-2	≤2.0 & > 0[1] in. wc	OFF	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-809-3	≤2.0 & > 0[1] in. wc	OFF	N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 2 of 5)

			Date:	5/3/21	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	ZH	N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	**North Basement exhaust filter plenum (FF-828) ΔP**	[1]PDI-829-1	≤2.0 & > 0[1] in. wc	.09	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-829-2	≤2.0 & > 0[1] in. wc	.60	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-829-3	≤2.0 & > 0[1] in. wc	.54	N/A	N/A	N/A	N/A	N/A	N/A
4.1.1.7[2]	**100 area re-circulation filter plenum (HVP-803) ΔP**	[1]PDI-833-1	≤2.0 & > 0[1] in. wc	ZH 5/3/21 STBY .18	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-833-2	≤2.0 & > 0[1] in. wc	ZH 5/3/21 STBY .55	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-833-3	≤2.0 & > 0[1] in. wc	ZH 5/3/21 STBY .51	N/A	N/A	N/A	N/A	N/A	N/A
	100 area re-circulation filter plenum (HVP-804) ΔP	[1]PDI-835-1	≤2.0 & > 0[1] in. wc	ZH 5/3/21 STBY .04	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-835-2	≤2.0 & > 0[1] in. wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-835-3	≤2.0 & > 0[1] in. wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**100 area glovebox exhaust filter plenum (FF852) ΔP**	[1]PDI-815-1	≤2.0 & > 0[1] in. wc	.22	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-815-2	≤2.0 & > 0[1] in. wc	.51	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-815-4	≤2.0 & > 0[1] in. wc	.49	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-815-5	≤2.0 & > 0[1] in. wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**100 area glovebox exhaust filter plenum (FF853) ΔP**	[1]PDI-816-1	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-816-2	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-816-4	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-816-5	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 3 of 5)

			Date:	5/3/21	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	RH	N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF850) ΔP	[1]PDI-812-1	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-812-2	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-812-3	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-812-4	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-812-5	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF851) ΔP	[1]PDI-813-1	≤2.0 & > 0[1] in. wc	.07	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-813-2	≤2.0 & > 0[1] in. wc	.21	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-813-3	≤2.0 & > 0[1] in. wc	.30	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-813-4	≤2.0 & > 0[1] in. wc	.29	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-813-5	≤2.0 & > 0[1] in. wc	.32	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	IFIT exhaust filter plenum (FF-865) ΔP	[1]PDI-865-1	≤2.0 & > 0[1] in. wc	.01	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-865-2	≤2.0 & > 0[1] in. wc	.40	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-865-3	≤2.0 & > 0[1] in. wc	.32	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	IFIT supply filter plenum (HVP-863) ΔP	[1]PDI-863-1	≤2.0 & > 0[1] in. wc	.05	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-863-2	≤2.0 & >0[1] in. wc	RH 5/3/21 .31	N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 4 of 5)

			Date:	5.3.21	5-4-21	5/5/21	5/6/21	5/7/21	5/8/21	5/9/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	[illegible]	RH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS**						
4.1.3.4[2]	North Basement supply filter plenum (HVP-840) ΔP	[1]PDI-857-1	≤ 2.0 & > 0[1] in. wc	.10	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-857-2	≤2.0 & > 0[1] in. wc	.48	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	North corridor supply filter plenum (HVP-809) ΔP	[1]PDI-856-1	≤2.0 & > 0[1] in. wc	.05	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-856-2	≤2.0 & > 0[1] in. wc	.61	N/A	N/A	N/A	N/A	N/A	N/A
[1]NA	**Combustible exclusion area around basement exhaust fans FE828, FE829 and bleed-off fans FE820A, FE820B, FE820C, FE822A, FE822B, FE822C**		**0 lb/ft² combustibles in designated exclusion area (within 15 feet of fans)**	SAT	N/A	N/A	N/A	N/A	N/A	N/A
4.3.2.2[2]	Room 201		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	SAT	SAT	SAT	SAT	SAT	SAT
4.3.2.2[2]	Room 204		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	SAT	SAT	SAT	SAT	SAT	SAT

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 5 of 5)

			Date:	5/3/21	5/4/21	5/5/21	5/6/21	5/7/21	5/8/21	5/9/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	RH	RH	[illegible]	[illegible]	RH	[illegible]	[illegible]
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS						
4.3.2.2[2]	Room 206		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	SAT	SAT	SAT	SAT	SAT	SAT
4.3.2.2[2]	Room 207		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	SAT	SAT	SAT	SAT	SAT	SAT
			Completion time	1059	0930	0745	0740	0750	0750	0757
			OC Operator Review and Page Count Complete (initials)	DH	[illegible]	[illegible]	[illegible]	DH	DH	DH
			OCS Daily Review Sign off (initials)	[illegible]	ARJ	[illegible]	[illegible]	ARJ	ARJ	ARJ

[1] Non TSR requirement

[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR's 4.1.3.4 and 4.3.2.2 apply during both Mode 1 and Mode 2.

Note: Rooms 201, 206 & 207 **must be** entered for surveillance even if they are red lit, room 204 can be viewed through the window. Notify the Operations Center of any rooms that are unable to be entered for the performance of rounds, Operations Center will make a logbook entry recording the room(s) and reason(s) for non-entry. Document in the comments section any room(s) and reason(s) they were unable to be entered for rounds.

Completed by: [illegible] Date 5/9/21 Time 0757 Reviewed by: [illegible] Date: 5/9/21 Time: 0856

On-duty Supervisor

Comments:

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 1 of 3)

NOTE This entire attachment is to be treated as Surveillance Requirement implementing actions.

Note Gauge readings should be taken on rack #4 in the OC. whenever possible. Document if alternate PDIs are used.		**Date:**	5-10-21		5-11-21		5/12/21		5/13/21		5-14-21		5/15/21		5/16/21	
		Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
		Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
		Initials:	TS	BC	[illegible]	BC	OH	M	OH	M	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SRs	**Description**	**Gauge Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**													
4.1.1.1 4.1.2.1[2]	**200 area glovebox exhaust header ΔP**	PDI-814-1 or PDI-814-2 ≤-1.5 in. wc[1]	-2.00	-2.01	-2.01	-2.01	-2.00	-2.01	-2.00	-2.00	-2.01	-2.01	-2.00	-2.01	-2.01	-2.01
	100 area glovebox exhaust header ΔP	PDI-820-1 or PDI-820-2 ≤-1.5 in. wc[1]	-1.90	-1.90	-1.90	-1.90	-1.89	-1.91	-1.91	-1.91	-1.91	-1.90	-1.89	-1.90	-1.90	-1.89
	300 area glovebox exhaust header ΔP	PDI-870-1 or PDI-870-2 ≤-1.5 in. wc[1]	-1.98	-1.98	-1.97	-1.99	-1.97	-1.99	-1.97	-1.97	-1.97	-1.95	-1.97	-1.97	-1.96	-1.98
	400 area glovebox exhaust header ΔP	PDI-864-1 or PDI-864-2 ≤-1.5 in. wc[1]	-1.96	-1.98	-1.97	-2.00	-2.03	-1.99	-1.99	-1.98	-1.98	-1.99	-1.97	-1.98	-1.97	-2.01
4.1.1.2 4.1.1.5[3] 4.1.2.2[2]	**200 area laboratory header ΔP**	PDI-803-1 or PDI-803-2 ≤-0.05 in. wc[1]	-.20	-.22	-0.21	-.21	-0.20	-.20	-0.20	-.19	-0.18	-.19	-0.18	-.23	-0.21	-.22
	100 area laboratory header ΔP	PDI-802-1 or PDI-802-2 ≤-0.05 in. wc[1]	-.26	-.25	-0.26	-.26	-0.26	-.24	-0.26	-.24	-0.23	-.24	-0.23	-.28	-0.27	-.27
	300 area laboratory header ΔP	PDI-853-1 or PDI-853-2 ≤-0.05 in. wc[1]	-.17	-.17	-0.20	-.18	-0.21	-.17	-0.18	-.21	-0.19	-.21	-0.19	-.22	-0.22	-.19
	400 area laboratory header ΔP	PDI-852-1 or PDI-852-2 ≤-0.05 in. wc[1]	-.17	-.17	-0.20	-.18	-0.20	-.17	-0.18	-.20	-0.19	-.21	-0.19	-.22	-0.21	-.19
	IFIT Facility ΔP	PDI-865-4 or PDI-865-5 ≤-0.05 in. wc	-.13	-.14	-0.14	-.14	-0.15	-.16	-0.15	-.15	-0.15	-.15	-0.15	-.16	-0.15	-.15
4.1.1.3 4.1.2.3[2]	**North basement ΔP**	PDI-804-1 or PDI-804-2 < 0.00 in. wc	-.09	-.10	-0.09	-.09	-0.09	-.10	-0.09	-.09	-0.09	-.09	-0.09	-.09	-0.09	-.10
	South basement ΔP	PDI-854-1 or PDI-854-2 < 0.00 in. wc	-.09	-.09	-0.09	-.09	-0.09	-.09	-0.09	-.09	-0.05	-.09	-0.10	-.09	-0.09	-.09
	IRT Tunnel ΔP	PDT-901 or PDI-901 < 0.00 in. wc	-.13	-.095	-0.110	-.114	-0.118	-.110	-0.111	-.092	-0.105	-.097	-0.101	-.114	-0.111	-.115

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 2 of 3)

Note																	
Readings should be taken using FCS screens FMT#151,152,201LD and 202LD. Field verification and local plenum PDI's may be used if FCS is unavailable.	**Date:**	5-10-21		5-11-21		5/12/21		5/13/21		5-14-21		5/15/21		5/16/21	
	Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
	Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
	Initials:	TS	BC	JSL	BC	DH	M	DH	M	JSL	L	[illegible]	L	[illegible]	L

SRs	Description	Readings	Acceptance Criteria	SURVEILLANCE RESULTS Sat / Unsat (circle one)													
4.1.1.6	**200 area re-circulation fan/ plenum**	FR-801 Icon red and PDT-831 ΔP >.050 or FR-802 Icon red and PDT-832 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	100 area re-circulation fan/ plenum	FR-803 Icon red and PDT-833 ΔP >.050 or FR-804 Icon red and PDT-835 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	300 area re-circulation fan/ plenum	FR-805 Icon red and PDT-836 ΔP >.050 or FR-806 Icon red and PDT-837 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	400 area re-circulation fan/ plenum	FR-807 Icon red and PDT-838 ΔP >.050 or FR-808 Icon red and PDT-839 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	Vault re-circulation fan/ plenum	FR-811 Icon red and PDT-840 ΔP >.050 or FR-812 Icon red and PDT-841 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 3 of 3)

Note
Gauge readings should be taken on rack #4 in the OC when possible, local PDI equivalents may be used if necessary. Document any alternate PDIs used.

				Date:	5-10-21		5-11-21		5/12/21		5/13/21		5-14-21		5/15/21		5/16/21	
				Weekday:	Mon		Tue		Wed		Thu		Fri		Sat		Sun	
				Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
				Initials:	TS	BC	JSC	BC	DH	M	DH	M	JSC	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SRs	**Description**	**Area**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS** Sat / Unsat (circle one)													
4.1.1.4	**Glovebox exhaust header ΔPs < laboratory ΔPs < basement ΔPs for areas 100, 200, 300 and 400**	200 Area	PDI-814-2 PDI-803-2 PDI-804-2	PDI-814-2 < PDI-803-2 < PDI-804-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		100 Area	PDI-820-2 PDI-802-2 PDI-804-2	PDI-820-2 < PDI-802-2 < PDI-804-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		300 Area	PDI-870-2 PDI-853-2 PDI-854-2	PDI-870-2 < PDI-853-2 < PDI-854-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		400 Area	PDI-864-2 PDI-852-2 PDI-854-2	PDI-864-2 < PDI-852-2 < PDI-854-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		Completion Time			0715	1916	0713	1917	0702	1923	0729	1926	0725	1919	0717	1918	0710	1914
		OCS Daily Review Sign off (initials)			[illegible]	[illegible]	ARJ	[illegible]	[illegible]	[illegible]	ARJ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

[1] Mode 2 acceptance criteria is < 0.00 in. wc.

[2] SRs 4.1.2.x only apply during Mode 2 in accordance with LCO 3.1.2.

[3] SRs 4.1.1.5 is only applicable when MAR is in the IFIT Facility

Completed by: C Date 5/16/21 Time 1914 Reviewed by: _____ Date:_____Time:_____
On-duty Supervisor

Comments: _____

_____

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 1 of 4)

NOTE This entire attachment is to be treated as Surveillance Requirement implementing actions.

SR 4.4.1.1, The OPERABILITY acceptance criterion for this surveillance is:
The FLAMMABLE GAS detector in the FSTF FLAMMABLE GAS SOURCE storage cabinet is exposed to the ambient atmosphere in the storage cabinet. The gas concentration readout directly on the detector in the storage cabinet is compared with the gas concentration readout on the system control and alarm panel. The difference between the two readings is checked to VERIFY it is in the range of (≥-0.1; ≤0.1).

		Date:	5/10/21	5/11/21	5/12/21	5/13/21	5/14/21	5/15/21	5/16/21
		Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
		Initials:							
SR 4.4.1.1	**Description / Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (percentage)**						
	Flammable Gas Channel Check DET-305-3 (LCD Reading)	NA	005	005	005	005	005	005	005
	CP-305-H (LED Reading)		005	005	005	005	005	005	005
	(DET-305-3) – (CP-305H) (LCD Reading) (LED Reading)	Record Calculated Value	005	005	005	005	005	005	005
		≥ -0.1; ≤+0.1	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005
		Completion Time:	0710	0800	0713	0711	0705	0781	0701

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 2 of 4)

			Date:	3/10/21	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	JM	N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	**South basement supply filter plenum (HVP-841) ΔP**	[1]PDI-894-1	≤2.0 & > 0[1] in. wc	.03	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-894-2	≤2.0 & > 0[1] in. wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**South Corridor supply (HVP-810) ΔP**	[1]PDI-895-1	≤2.0 & > 0[1] in. wc	.05	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-895-2	≤2.0 & > 0[1] in. wc	.67	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**300 area glovebox exhaust filter plenum (FF854) ΔP**	[1]PDI-817-1	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-817-2	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-817-4	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-817-5	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**300 area special recovery glovebox exhaust filter plenum (FF858) ΔP**	PDI-81 9-1	≤2 0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-81 9-3	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-819-4	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**300 area glovebox exhaust filter plenum (FF855) ΔP**	[1]PDI-818-1	≤2.0 & > 0[1] in. wc	.26	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-818-2	≤2 0 & > 0[1] in. wc	.31	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-818-4	≤2 0 & > 0[1] in. wc	.31	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-818-5	≤2.0 & > 0[1] in. wc	.31	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**300 area special recovery glovebox exhaust filter plenum (FF859) ΔP**	PDI-821-1	≤2.0 & > 0[1] in. wc	.45	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-821-3	≤2.0 & > 0[1] in. wc	.46	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-821-4	≤2.0 & > 0[1] in. wc	.41	N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 3 of 4)

			Date:	5/10/21	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	[illegible]	N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	**400 area glovebox exhaust filter plenum (FF856) ΔP**	[1]PDI-822-1	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-822-2	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-822-4	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-822-5	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**400 area glovebox exhaust filter plenum (FF857) ΔP**	[1]PDI-823-1	≤2.0 & > 0[1] in. wc	.08	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-823-2	≤2.0 & > 0[1] in. wc	.55	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-823-4	≤2.0 & > 0[1] in. wc	.49	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-823—5	≤2.0 & > 0[1] in. wc	.61	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**South Basement exhaust filter plenum (FF-829) ΔP**	[1]PDI-830-1	≤2.0 & > 0[1] in. wc	.29	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-830-2	≤2.0 & > 0[1] in. wc	.09	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-830-3	≤2.0 & > 0[1] in. wc	.12	N/A	N/A	N/A	N/A	N/A	N/A
4.1.1.7[2]	**300 area re-circulation filter plenum (HVP-805) ΔP**	[1]PDI-836-1	≤2.0 & > 0[1] in. wc	.07	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-836-2	≤2.0 & > 0[1] in. wc	.67	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-836-3	≤2.0 & > 0[1] in. wc	.66	N/A	N/A	N/A	N/A	N/A	N/A
	300 area re-circulation filter plenum (HVP-806) ΔP	[1]PDI-837-1	≤2.0 & > 0[1] in. wc	.04	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-837-2	≤2.0 & > 0[1] in. wc	.49	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-837-3	≤2.0 & > 0[1] in. wc	.44	N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 4 of 4)

			Date:	5/10/21	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	JM	N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.1.7[2]	400 area re-circulation filter plenum (HVP-807) ΔP	[1]PDI-838-1	≤2.0 & > 0[1] in. wc	.59	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-838-2	≤2.0 & > 0[1] in. wc	.59	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-838-3	≤2.0 & > 0[1] in. wc	.59	N/A	N/A	N/A	N/A	N/A	N/A
	400 area re-circulation filter plenum (HVP-808) ΔP	[1]PDI-839-1	≤2.0 & > 0[1] in. wc	.42	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-839-2	≤2.0 & > 0[1] in. wc	.51	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-839-3	≤2.0 & > 0[1] in. wc	.51	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	South Bleed off filter plenum (FF-822A) ΔP	[1]PDI-810-1	≤2.0 & > 0[1] in. wc	off	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-810-2	≤2.0 & > 0[1] in. wc	off	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-810-3	≤2.0 & > 0[1] in. wc	off	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	South Bleed off filter plenum (FF-822B) ΔP	[1]PDI -811 - 1	≤2.0 & > 0[1] in. wc	.11	N/A	N/A	N/A	N/A	N/A	N/A
		PDI -811 -2	≤2.0 & > 0[1] in. wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
		PDI -811 -3	≤2.0 & > 0[1] in. wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
			Completion Time	0730	0800	0713	0711	0705	0700	0710
OC Operator Review and Page Count Complete (initials)				TS	JSL	DH	DH	JSL	TS	BC
OCS Daily Review Sign off (initials)					ATS	ATS	ATS		TS 5-15-21	

[1] Non TSR requirement

[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR 4.1.3.4 apply during both Mode 1 and Mode 2 as stated in LCO 3.1.3.

Completed by: Jerome M Date 5/16/21 Time 0710 Reviewed by: _____ Date: 5/16/21 Time: 0726

On-duty Supervisor

Comments 5/10/21 4.1.1.1 Not in use. Waiting for calibration

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 1 of 5)

NOTE This entire attachment is to be treated as Surveillance Requirement implementing actions.

			Date:	5/10/21	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	[illegible]	N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.1.7[2]	**Vault re-circulation filter plenum (HVP-811) ΔP Vault re-circulation filter plenum (HVP-812) ΔP**	[1]PDI-840-1	≤2.0 & > 0[1] in. wc	.17	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-840-2	≤2.0 & > 0 in[1]. wc	.55	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-840-3	≤2.0 & > 0[1] in. wc	.51	N/A	N/A	N/A	N/A	N/A	N/A
		[1]PDI-841-1	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-841-2	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-841-3	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
	200 area re-circulation filter plenum (HVP-801) ΔP	[1]PDI-831-1	≤2.0 & > 0[1] in. wc	.36	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-831-2	≤2.0 & > 0[1] in. wc	.41	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-831-3	≤2.0 & > 0[1] in. wc	.40	N/A	N/A	N/A	N/A	N/A	N/A
	200 area re-circulation filter plenum (HVP-802) ΔP	[1]PDI-832-1	≤2.0 & > 0[1] in. wc	.61	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-832-2	≤2.0 & > 0[1] in. wc	.67	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-832-3	≤2.0 & > 0[1] in. wc	.60	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**North Bleed off filter plenum (FF-820A) ΔP**	[1]PDI-807-1	≤2.0 & > 0[1] in. wc	.12	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-807-2	≤2.0 & > 0[1] in. wc	.58	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-807-3	≤2.0 & > 0[1] in. wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**North Bleed off filter plenum (FF-820B) ΔP**	[1]PDI-809-1	≤2.0 & > 0[1] in. wc	OFF	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-809-2	≤2.0 & > 0[1] in. wc	OFF	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-809-3	≤2.0 & > 0[1] in. wc	OFF	N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 2 of 5)

			Date:	5/16/21	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	JM	N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	**North Basement exhaust filter plenum (FF-828) ΔP**	[1]PDI-829-1	≤2.0 & > 0[1] in. wc	.08	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-829-2	≤2.0 & > 0[1] in. wc	.57	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-829-3	≤2.0 & > 0[1] in. wc	.52	N/A	N/A	N/A	N/A	N/A	N/A
4.1.1.7[2]	**100 area re-circulation filter plenum (HVP-803) ΔP**	[1]PDI-833-1	≤2.0 & > 0[1] in. wc	.08	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-833-2	≤2.0 & > 0[1] in. wc	.55	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-833-3	≤2.0 & > 0[1] in. wc	.51	N/A	N/A	N/A	N/A	N/A	N/A
	100 area re-circulation filter plenum (HVP-804) ΔP	[1]PDI-835-1	≤2.0 & > 0[1] in. wc	.06	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-835-2	≤2.0 & > 0[1] in. wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-835-3	≤2.0 & > 0[1] in. wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**100 area glovebox exhaust filter plenum (FF852) ΔP**	[1]PDI-815-1	≤2.0 & > 0[1] in. wc	.21	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-815-2	≤2.0 & > 0[1] in. wc	.48	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-815-4	≤2.0 & > 0[1] in. wc	.40	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-815-5	≤2.0 & > 0[1] in. wc	.41	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**100 area glovebox exhaust filter plenum (FF853) ΔP**	[1]PDI-816-1	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-816-2	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-816-4	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-816-5	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 3 of 5)

			Date:	5/10/21	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	JM	N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF850) ΔP	[1]PDI-812-1	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-812-2	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-812-3	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-812-4	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-812-5	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF851) ΔP	[1]PDI-813-1	≤2.0 & > 0[1] in. wc	.05	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-813-2	≤2.0 & > 0[1] in. wc	.20	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-813-3	≤2.0 & > 0[1] in. wc	.29	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-813-4	≤2.0 & > 0[1] in. wc	.25	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-813-5	≤2.0 & > 0[1] in. wc	.31	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	IFIT exhaust filter plenum (FF-865) ΔP	[1]PDI-865-1	≤2.0 & > 0[1] in. wc	.62	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-865-2	≤2.0 & > 0[1] in. wc	.37	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-865-3	≤2.0 & > 0[1] in. wc	.32	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	IFIT supply filter plenum (HVP-863) ΔP	[1]PDI-863-1	≤2.0 & > 0[1] in. wc	.65	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-863-2	≤2.0 & >0[1] in. wc	.31	N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 4 of 5)

			Date:	5/10/21	5/11/21	5/12/21	5/13/21	5/14/21	5/15/21	5/16/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:							
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS**						
4.1.3.4[2]	North Basement supply filter plenum (HVP-840) ΔP	[1]PDI-857-1	≤ 2.0 & > 0[1] in. wc	.11	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-857-2	≤2.0 & > 0[1] in. wc	.47	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	North corridor supply filter plenum (HVP-809) ΔP	[1]PDI-856-1	≤2.0 & > 0[1] in. wc	.04	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-856-2	≤2.0 & > 0[1] in. wc	.61	N/A	N/A	N/A	N/A	N/A	N/A
[1]NA	**Combustible exclusion area around basement exhaust fans FE828, FE829 and bleed-off fans FE820A, FE820B, FE820C, FE822A, FE822B, FE822C**		**0 lb/ft² combustibles in designated exclusion area (within 15 feet of fans)**	SAT	N/A	N/A	N/A	N/A	N/A	N/A
4.3.2.2[2]	Room 201		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	SAT	SAT	SAT	SAT	SAT	SAT
4.3.2.2[2]	Room 204		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	SAT	SAT	SAT	SAT	SAT	SAT

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 5 of 5)

			Date:	5/10/21	5/11/21	5/12/21	5/13/21	5/14/21	05/15/21	5/16/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:							
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS**						
4.3.2.2[2]	Room 206		0 lb/ft² combustibles within 3 5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	SAT	SAT	SAT	SAT	SAT	SAT
4.3.2.2[2]	Room 207		0 lb/ft² combustibles within 3 5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	SAT	SAT	SAT	SAT	SAT	SAT
			Completion time	0900	0805	0745	0810	0820	0741	0710
			OC Operator Review and Page Count Complete (initials)	TS	JSC	DH	DH	JSC	TS	TS
			OCS Daily Review Sign off (initials)		APJ	APJ	APJ			

[1] Non TSR requirement

[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR's 4.1.3.4 and 4.3.2.2 apply during both Mode 1 and Mode 2.

Note: Rooms 201, 206 & 207 **must be** entered for surveillance even if they are red lit, room 204 can be viewed through the window. Notify the Operations Center of any rooms that are unable to be entered for the performance of rounds. Operations Center will make a logbook entry recording the room(s) and reason(s) for non-entry. Document in the comments section any room(s) and reason(s) they were unable to be entered for rounds.

Completed ~~by~~: _____ Date 5/16/21 Time 0710 Reviewed by: _____ Date: 5/16/21 Time: 0727

On-duty Supervisor

Comments: _____

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 1 of 3)

NOTE This entire attachment is to be treated as Surveillance Requirement implementing actions.

Note Gauge readings should be taken on rack #4 in the OC. whenever possible. Document if alternate PDIs are used.		**Date:**	5/17/21		5/18/21		5-19-21		5/20/21		5/21/21		5/22/21		5/23/21	
		Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
		Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
		Initials:	DH	M	DH	M	TS	BC	[illegible]	BC	DH	M	DH	MM	DH	MM
SRs	**Description**	**Gauge Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**													
4.1.1.1 4.1.2.1[2]	**200 area glovebox exhaust header ΔP**	PDI-814-1 or PDI-814-2 ≤-1.5 in. wc[1]	-2.01	-2.01	-2.01	-2.00	-2.00	2.01	-2.01	-2.00	-2.01	-2.00	-2.01	-2.00	-2.00	-2.00
	100 area glovebox exhaust header ΔP	PDI-820-1 or PDI-820-2 ≤-1.5 in. wc[1]	-1.94	-1.91	-1.94	-1.94	-1.94	1.94	-1.93	-1.93	-1.94	-1.94	-1.94	-1.93	-1.94	-1.94
	300 area glovebox exhaust header ΔP	PDI-870-1 or PDI-870-2 ≤-1.5 in. wc[1]	-1.97	-1.97	-1.95	-1.96	-1.96	-1.97	-1.95	-1.96	-1.97	-1.95	-1.98	-1.97	-1.98	-1.97
	400 area glovebox exhaust header ΔP	PDI-864-1 or PDI-864-2 ≤-1.5 in. wc[1]	-2.00	-2.01	-1.99	-1.98	-1.99	-1.98	-1.99	-1.98	-1.99	-1.98	-1.99	-1.97	-2.00	-1.98
4.1.1.2 4.1.1.5[3] 4.1.2.2[2]	**200 area laboratory header ΔP**	PDI-803-1 or PDI-803-2 ≤-0.05 in. wc[1]	-0.20	-.19	-0.21	-.21	-.19	-.27	-0.18	-.19	-.19	-.22	-.21	-.22	-.20	-.21
	100 area laboratory header ΔP	PDI-802-1 or PDI-802-2 ≤-0.05 in. wc[1]	-0.26	-.24	-0.26	-.26	-.24	-.33	-0.24	-.24	-.25	-.17	-.26	-.24	-.26	-.27
	300 area laboratory header ΔP	PDI-853-1 or PDI-853-2 ≤-0.05 in. wc[1]	-0.19	-.19	-0.21	-.21	-.20	-.28	-0.19	-.18	-.19	-.21	-.19	-.20	-.18	-.18
	400 area laboratory header ΔP	PDI-852-1 or PDI-852-2 ≤-0.05 in. wc[1]	-0.19	-.19	-0.18	-.20	-.20	-.27	-0.19	-.18	-.19	-.20	-.18	-.19	-.18	-.18
	IFIT Facility ΔP	PDI-865-4 or PDI-865-5 ≤-0.05 in. wc	-0.15	-.15	-0.15	-.15	-.16	-.15	-0.15	-.15	-.15	-.15	-.15	-.16	-.15	-.14
4.1.1.3 4.1.2.3[2]	**North basement ΔP**	PDI-804-1 or PDI-804-2 < 0.00 in. wc	-0.09	-.09	-0.09	-.09	-.10	-.24	-0.09	-.09	-.09	-.10	-.09	-0.09	-.09	-.09
	South basement ΔP	PDI-854-1 or PDI-854-2 < 0.00 in. wc	-0.09	-.09	-0.09	-.08	-.10	-.24	-0.09	-.09	-.09	-.10	-.09	-0.09	-.08	-.09
	IRT Tunnel ΔP	PDT-901 or PDI-901 < 0.00 in. wc	-0.112	-.112	-0.114	-.112	-.096	-.255	-0.110	-.105	-.108	-.120	-.090	-.105	-.107	-.093

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 2 of 3)

Note		Date:	5/17/21		5/18/21		5-19-21		5/20/21		5/21/21		5/22/21		5/23/21	
Readings should be taken using FCS screens FMT#151,152,201LD and 202LD. Field verification and local plenum PDI's may be used if FCS is unavailable.		Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
		Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
		Initials:	DH	M	DH	M	TS	BC	[illegible]	BC	DH	M	DH	MM	DH	MM
SRs	**Description**	**Readings**	**Acceptance Criteria**	**SURVEILLANCE RESULTS Sat / Unsat (circle one)**												
4.1.1.6	**200 area re-circulation fan/ plenum**	FR-801 Icon red and PDT-831 ΔP >.050 or FR-802 Icon red and PDT-832 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	100 area re-circulation fan/ plenum	FR-803 Icon red and PDT-833 ΔP >.050 or FR-804 Icon red and PDT-835 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	300 area re-circulation fan/ plenum	FR-805 Icon red and PDT-836 ΔP >.050 or FR-806 Icon red and PDT-837 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	400 area re-circulation fan/ plenum	FR-807 Icon red and PDT-838 ΔP >.050 or FR-808 Icon red and PDT-839 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	Vault re-circulation fan/ plenum	FR-811 Icon red and PDT-840 ΔP >.050 or FR-812 Icon red and PDT-841 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 3 of 3)

Note
Gauge readings should be taken on rack #4 in the OC when possible, local PDI equivalents may be used if necessary. Document any alternate PDIs used.

				Date:	5/17/21		5/18/21		5-19-21		5/20/21		5/21/21		5/22/21		5/23/21	
				Weekday:	Mon		Tue		Wed		Thu		Fri		Sat		Sun	
				Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
				Initials:	DH	M	DH	M	[illegible]	[illegible]	[illegible]	BC	DH	M	DH	[illegible]	DH	[illegible]
SRs	**Description**	**Area**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS Sat / Unsat (circle one)**													
4.1.1.4	**Glovebox exhaust header ΔPs < laboratory ΔPs < basement ΔPs for areas 100, 200, 300 and 400**	200 Area	PDI-814-2 PDI-803-2 PDI-804-2	PDI-814-2 < PDI-803-2 < PDI-804-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		100 Area	PDI-820-2 PDI-802-2 PDI-804-2	PDI-820-2 < PDI-802-2 < PDI-804-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		300 Area	PDI-870-2 PDI-853-2 PDI-854-2	PDI-870-2 < PDI-853-2 < PDI-854-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		400 Area	PDI-864-2 PDI-852-2 PDI-854-2	PDI-864-2 < PDI-852-2 < PDI-854-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		Completion Time			0728	1929	0730	1926	0725	1920	0715	1915	0728	1928	0730	1930	0724	1934
		OCS Daily Review Sign off (initials)			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[1] Mode 2 acceptance criteria is < 0.00 in. wc.

[2] SRs 4.1.2.x only apply during Mode 2 in accordance with LCO 3.1.2.

[3] SRs 4.1.1.5 is only applicable when MAR is in the IFIT Facility

Completed by: [illegible] Date: 5/23/21 Time 1936 Reviewed by: [illegible] ASH LEY Date: 5/23/21 Time: 1943
On-duty Supervisor

Comments: 4.1.1.6 LAB RECIRCS 300 & 400 OOS for MAINTENANCE. BC

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 1 of 4)

NOTE This entire attachment is to be treated as Surveillance Requirement implementing actions.

SR 4.4.1.1, The OPERABILITY acceptance criterion for this surveillance is:
The FLAMMABLE GAS detector in the FSTF FLAMMABLE GAS SOURCE storage cabinet is exposed to the ambient atmosphere in the storage cabinet. The gas concentration readout directly on the detector in the storage cabinet is compared with the gas concentration readout on the system control and alarm panel. The difference between the two readings is checked to VERIFY it is in the range of (≥-0.1; ≤0.1).

		Date:	5/17/21	5/18/21	5/19/21	5/20/21	5/21/21	5/22/21	5/23/21
		Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
		Initials:	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SR 4.4.1.1	Description / Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (percentage)						
	Flammable Gas Channel Check DET-305-3 (LCD Reading)	NA	005	005	005	005	005	005	005
	CP-305-H (LED Reading)		005	005	005	005	005	005	005
	(DET-305-3) – (CP-305H)	Record Calculated Value	005	005	005	005	005	005	005
	(LCD Reading) (LED Reading)	≥ -0.1; ≤+0.1	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005
		Completion Time:	0705	0712	0810	0737	0704	0747	0730

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 2 of 4)

			Date:	5/21 5/17/21	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	fjh	N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	**South basement supply filter plenum (HVP-841) ΔP**	[1]PDI-894-1	≤2.0 & > 0[1] in. wc	.63	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-894-2	≤2.0 & > 0[1] in. wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**South Corridor supply (HVP-810) ΔP**	[1]PDI-895-1	≤2.0 & > 0[1] in. wc	.05	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-895-2	≤2.0 & > 0[1] in. wc	.67	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**300 area glovebox exhaust filter plenum (FF854) ΔP**	[1]PDI-817-1	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-817-2	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-817-4	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-817-5	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**300 area special recovery glovebox exhaust filter plenum (FF858) ΔP**	PDI-81 9-1	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-81 9-3	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-819-4	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**300 area glovebox exhaust filter plenum (FF855) ΔP**	[1]PDI-818-1	≤2.0 & > 0[1] in. wc	.26	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-818-2	≤2.0 & > 0[1] in. wc	.31	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-818-4	≤2.0 & > 0[1] in. wc	.31	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-818-5	≤2.0 & > 0[1] in. wc	.31	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**300 area special recovery glovebox exhaust filter plenum (FF859) ΔP**	PDI-821-1	≤2.0 & > 0[1] in. wc	.44	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-821-3	≤2.0 & > 0[1] in. wc	.46	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-821-4	≤2.0 & > 0[1] in. wc	.41	N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 3 of 4)

			Date:	5/17/21	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	[illegible]	N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	**400 area glovebox exhaust filter plenum (FF856) ΔP**	[1]PDI-822-1	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-822-2	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-822-4	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-822-5	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**400 area glovebox exhaust filter plenum (FF857) ΔP**	[1]PDI-823-1	≤2.0 & > 0[1] in. wc	.08	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-823-2	≤2.0 & > 0[1] in. wc	.57	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-823-4	≤2.0 & > 0[1] in. wc	.49	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-823—5	≤2.0 & > 0[1] in. wc	.61	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**South Basement exhaust filter plenum (FF-829) ΔP**	[1]PDI-830-1	≤2.0 & > 0[1] in. wc	.25	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-830-2	≤2.0 & > 0[1] in. wc	.09	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-830-3	≤2.0 & > 0[1] in. wc	.11	N/A	N/A	N/A	N/A	N/A	N/A
4.1.1.7[2]	**300 area re-circulation filter plenum (HVP-805) ΔP**	[1]PDI-836-1	≤2.0 & > 0[1] in. wc	.07	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-836-2	≤2.0 & > 0[1] in. wc	.67	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-836-3	≤2.0 & > 0[1] in. wc	.68	N/A	N/A	N/A	N/A	N/A	N/A
	300 area re-circulation filter plenum (HVP-806) ΔP	[1]PDI-837-1	≤2.0 & > 0[1] in. wc	.10	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-837-2	≤2.0 & > 0[1] in. wc	.49	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-837-3	≤2.0 & > 0[1] in. wc	.43	N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 4 of 4)

			Date:	5/17/21	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	[illegible]	N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.1.7[2]	400 area re-circulation filter plenum (HVP-807) ΔP	[1]PDI-838-1	≤2.0 & > 0[1] in wc	.59	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-838-2	≤2.0 & > 0[1] in wc	.61	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-838-3	≤2.0 & > 0[1] in wc	.59	N/A	N/A	N/A	N/A	N/A	N/A
	400 area re-circulation filter plenum (HVP-808) ΔP	[1]PDI-839-1	≤2.0 & > 0[1] in wc	.42	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-839-2	≤2.0 & > 0[1] in wc	.51	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-839-3	≤2.0 & > 0[1] in wc	.51	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	South Bleed off filter plenum (FF-822A) ΔP	[1]PDI-810-1	≤2.0 & > 0[1] in wc	OFF	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-810-2	≤2.0 & > 0[1] in wc	OFF	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-810-3	≤2.0 & > 0[1] in wc	OFF	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	South Bleed off filter plenum (FF-822B) ΔP	[1]PDI -811 - 1	≤2.0 & > 0[1] in wc	.10	N/A	N/A	N/A	N/A	N/A	N/A
		PDI -811 -2	≤2.0 & > 0[1] in wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
		PDI -811 -3	≤2.0 & > 0[1] in wc	.49	N/A	N/A	N/A	N/A	N/A	N/A
			Completion Time	0920	0850	0810	0754	0723	0810	~~N/A~~ 0755
OC Operator Review and Page Count Complete (initials)				DH	DH	TS	TS	DH	DH	DH
OCS Daily Review Sign off (initials)				AFS	[illegible]	[illegible]	[illegible]	AFS	AFS	[illegible]

RW 5/23/21 Required

[1] Non TSR requirement

[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR 4.1.3.4 apply during both Mode 1 and Mode 2 as stated in LCO 3.1.3.

Completed by: [illegible] 184122 Date 5/27/21 Time 0755 Reviewed by: [illegible] Date: 5/23/21 Time: 2038

On-duty Supervisor

Comments _____

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 1 of 5)

NOTE This entire attachment is to be treated as Surveillance Requirement implementing actions.

			Date:	5/17/24	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	JM	N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.1.7[2]	**Vault re-circulation filter plenum (HVP-811) ΔP Vault re-circulation filter plenum (HVP-812) ΔP**	[1]PDI-840-1	≤2.0 & > 0[1] in. wc	.17	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-840-2	≤2.0 & > 0 in[1]. wc	.53	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-840-3	≤2.0 & > 0[1] in. wc	.51	N/A	N/A	N/A	N/A	N/A	N/A
		[1]PDI-841-1	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-841-2	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-841-3	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
	200 area re-circulation filter plenum (HVP-801) ΔP	[1]PDI-831-1	≤2.0 & > 0[1] in. wc	.36	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-831-2	≤2.0 & > 0[1] in. wc	.41	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-831-3	≤2.0 & > 0[1] in. wc	.40	N/A	N/A	N/A	N/A	N/A	N/A
	200 area re-circulation filter plenum (HVP-802) ΔP	[1]PDI-832-1	≤2.0 & > 0[1] in. wc	.62	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-832-2	≤2.0 & > 0[1] in. wc	.66	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-832-3	≤2.0 & > 0[1] in. wc	.61	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**North Bleed off filter plenum (FF-820A) ΔP**	[1]PDI-807-1	≤2.0 & > 0[1] in. wc	.12	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-807-2	≤2.0 & > 0[1] in. wc	.58	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-807-3	≤2.0 & > 0[1] in. wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**North Bleed off filter plenum (FF-820B) ΔP**	[1]PDI-809-1	≤2.0 & > 0[1] in. wc	OFF	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-809-2	≤2.0 & > 0[1] in. wc	OFF	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-809-3	≤2.0 & > 0[1] in. wc	OFF	N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 2 of 5)

			Date:	5/17/21	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	JM	N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	**North Basement exhaust filter plenum (FF-828) ΔP**	[1]PDI-829-1	≤2.0 & > 0[1] in. wc	.07	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-829-2	≤2.0 & > 0[1] in. wc	.51	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-829-3	≤2.0 & > 0[1] in. wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
4.1.1.7[2]	**100 area re-circulation filter plenum (HVP-803) ΔP**	[1]PDI-833-1	≤2.0 & > 0[1] in. wc	.08	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-833-2	≤2.0 & > 0[1] in. wc	.55	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-833-3	≤2.0 & > 0[1] in. wc	.51	N/A	N/A	N/A	N/A	N/A	N/A
	100 area re-circulation filter plenum (HVP-804) ΔP	[1]PDI-835-1	≤2.0 & > 0[1] in. wc	.06	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-835-2	≤2.0 & > 0[1] in. wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-835-3	≤2.0 & > 0[1] in. wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**100 area glovebox exhaust filter plenum (FF852) ΔP**	[1]PDI-815-1	≤2.0 & > 0[1] in. wc	.21	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-815-2	≤2.0 & > 0[1] in. wc	.48	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-815-4	≤2.0 & > 0[1] in. wc	.40	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-815-5	≤2.0 & > 0[1] in. wc	.42	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**100 area glovebox exhaust filter plenum (FF853) ΔP**	[1]PDI-816-1	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-816-2	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-816-4	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-816-5	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 3 of 5)

			Date:	5/17/21	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	[illegible]	N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF850) ΔP	[1]PDI-812-1	≤2.0 & > 0[1] in. wc	.11	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-812-2	≤2.0 & > 0[1] in. wc	.28	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-812-3	≤2.0 & > 0[1] in. wc	.27	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-812-4	≤2.0 & > 0[1] in. wc	.25	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-812-5	≤2.0 & > 0[1] in. wc	.29	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF851) ΔP	[1]PDI-813-1	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-813-2	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-813-3	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-813-4	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-813-5	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	IFIT exhaust filter plenum (FF-865) ΔP	[1]PDI-865-1	≤2.0 & > 0[1] in. wc	.02	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-865-2	≤2.0 & > 0[1] in. wc	.38	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-865-3	≤2.0 & > 0[1] in. wc	.35	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	IFIT supply filter plenum (HVP-863) ΔP	[1]PDI-863-1	≤2.0 & > 0[1] in. wc	.04	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-863-2	≤2 0 & >0[1] in. wc	.32	N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 4 of 5)

			Date:	5/17/21	5/18/21	5/19/21	5/20/21	5/21/21	5/22/21	5/23/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS**						
4.1.3.4[2]	North Basement supply filter plenum (HVP-840) ΔP	[1]PDI-857-1	≤ 2.0 & > 0[1] in. wc	.10	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-857-2	≤2.0 & > 0[1] in. wc	.47	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	North corridor supply filter plenum (HVP-809) ΔP	[1]PDI-856-1	≤2.0 & > 0[1] in. wc	.04	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-856-2	≤2.0 & > 0[1] in. wc	.61	N/A	N/A	N/A	N/A	N/A	N/A
[1]NA	**Combustible exclusion area around basement exhaust fans FE828, FE829 and bleed-off fans FE820A, FE820B, FE820C, FE822A, FE822B, FE822C**		**0 lb/ft² combustibles in designated exclusion area (within 15 feet of fans)**	SAT	N/A	N/A	N/A	N/A	N/A	N/A
4.3.2.2[2]	Room 201		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	SAT	SAT	SAT	SAT	SAT	SAT
4.3.2.2[2]	Room 204		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	SAT	SAT	SAT	SAT	SAT	SAT

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 5 of 5)

			Date:	5/17/21	5/18/21	5/19/21	5/20/21	5/21/21	5/22/21	5/23/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	[illegible]	~~[illegible]~~	[illegible]	~~[illegible]~~	~~[illegible]~~	[illegible]	[illegible]
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS**						
4.3.2.2[2]	Room 206		0 lb/ft² combustibles within 3 5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	SAT	SAT	SAT	SAT	SAT	SAT
4.3.2.2[2]	Room 207		0 lb/ft² combustibles within 3 5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	SAT	SAT	SAT	SAT	SAT	SAT
			Completion time	0900	0852	0820	0755	0727	0800	0745
			OC Operator Review and Page Count Complete (initials)	DH	DH	TS	TS	DH	DH	DH
			OCS Daily Review Sign off (initials)	AM	[illegible]	[illegible]	[illegible]	AM	AM	[illegible]

[1] Non TSR requirement

[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR's 4.1.3.4 and 4.3.2.2 apply during both Mode 1 and Mode 2.

Note: Rooms 201, 206 & 207 **must be** entered for surveillance even if they are red lit, room 204 can be viewed through the window. Notify the Operations Center of any rooms that are unable to be entered for the performance of rounds, Operations Center will make a logbook entry recording the room(s) and reason(s) for non-entry. Document in the comments section any room(s) and reason(s) they were unable to be entered for rounds.

Completed by: 184122 Date 5/23/21 Time 0745 Reviewed by: [illegible] Date: 5/23/21 Time: 2040

On-duty Supervisor

Comments: 4.3.2.2 Step stool and ladder in PMMA. Respirator entry, corrected issue Room 207 5/18/21

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 1 of 3)

NOTE This entire attachment is to be treated as Surveillance Requirement implementing actions.

Note Gauge readings should be taken on rack #4 in the OC. whenever possible. Document if alternate PDIs are used.		**Date:**	5-24-21		5-25-21		5-26-21		5-27-21		5-28-21		5-29-21		5-30-21	
		Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
		Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
		Initials:	JSL	✓	JSL	✓	TS	BZ	JSL	✓	JSL	✓	JSL	✓	JSL	✓
SRs	**Description**	**Gauge Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**													
4.1.1.1 4.1.2.1[2]	**200 area glovebox exhaust header ΔP**	PDI-814-1 or PDI-814-2 ≤-1.5 in. wc[1]	-2.01	-2.00	-2.00	-2.01	-2.00	-2.00	-2.00	-2.01	-2.00	-2.01	-2.00	-2.00	-2.00	-2.01
	100 area glovebox exhaust header ΔP	PDI-820-1 or PDI-820-2 ≤-1.5 in. wc[1]	-1.93	-1.94	-1.93	-1.94	-1.94	-1.94	-1.94	-1.94	-1.94	-1.94	-1.93	-1.94	-1.93	-1.94
	300 area glovebox exhaust header ΔP	PDI-870-1 or PDI-870-2 ≤-1.5 in. wc[1]	-1.97	-1.97	-1.96	-1.96	-1.97	-1.97	-1.98	-1.98	-1.96	-1.96	-1.96	-1.97	-1.97	-1.95
	400 area glovebox exhaust header ΔP	PDI-864-1 or PDI-864-2 ≤-1.5 in. wc[1]	-1.98	-1.97	-1.97	-1.97	-1.98	-1.97	-2.02	-2.01	-1.96	-1.96	-1.96	-1.98	-1.98	-1.96
4.1.1.2 4.1.1.5[3] 4.1.2.2[2]	**200 area laboratory header ΔP**	PDI-803-1 or PDI-803-2 ≤-0.05 in. wc[1]	-0.21	-.22	-0.22	-.21	TS 5-26-21 -.28	-.21	-0.21	-.23	-0.22	-.22	-0.22	-.22	-0.22	-.23
	100 area laboratory header ΔP	PDI-802-1 or PDI-802-2 ≤-0.05 in. wc[1]	-0.27	-.28	-0.28	-.27	-.27	-.27	-0.27	-.29	-0.28	-.28	-0.28	-.29	-0.28	-.29
	300 area laboratory header ΔP	PDI-853-1 or PDI-853-2 ≤-0.05 in. wc[1]	-0.20	-.20	-0.22	-.17	-.19	-.18	-0.19	-.22	-0.21	-.21	-0.22	-.20	-0.14	-.22
	400 area laboratory header ΔP	PDI-852-1 or PDI-852-2 ≤-0.05 in. wc[1]	-0.18	-.19	-0.21	-.16	-.19	-.18	-0.18	-.21	-0.20	-.20	-0.21	-.19	-0.18	-.21
	IFIT Facility ΔP	PDI-865-4 or PDI-865-5 ≤-0.05 in. wc	-0.14	-.15	-0.15	-.15	-.15	-.14	-0.15	-.15	-0.15	-.15	-0.14	-.15	-0.15	-.15
4.1.1.3 4.1.2.3[2]	**North basement ΔP**	PDI-804-1 or PDI-804-2 < 0.00 in. wc	-0.09	-.10	-0.09	-.09	-.09	-.09	-0.09	-.09	-0.09	-.09	-0.09	-.09	-0.09	-.09
	South basement ΔP	PDI-854-1 or PDI-854-2 < 0.00 in. wc	-0.09	-.09	-0.09	-.09	-.09	-.09	-0.09	-.09	-0.09	-.09	-0.09	-.08	-0.09	-.09
	IRT Tunnel ΔP	PDT-901 or PDI-901 < 0.00 in. wc	-0.100	-.104	-0.094	-.095	-.106	-.119	-0.093	-.101	-0.107	-.107	-0.105	-.107	-0.108	-.109

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 2 of 3)

25 TS 5-26-21 26 TS 5-26-21

Note: Readings should be taken using FCS screens FMT#151,152,201LD and 202LD. Field verification and local plenum PDI's may be used if FCS is unavailable.																	
		Date:	5-24-21		5-25-21		5-26-21		5-27-21		5-28-21		5-29-21		5-30-21	
		Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
		Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
		Initials:	JSL	C	JSL	C	TS	BK	JSL	C	JSL	C	JSL	C	JSL	C
SRs	**Description**	**Readings**	**Acceptance Criteria**	**SURVEILLANCE RESULTS Sat / Unsat (circle one)**													
4.1.1.6	**200 area re-circulation fan/ plenum**	FR-801 Icon red and PDT-831 ΔP >.050 or FR-802 Icon red and PDT-832 ΔP >.050	At least one fan/plenum is in service	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat
	100 area re-circulation fan/ plenum	FR-803 Icon red and PDT-833 ΔP >.050 or FR-804 Icon red and PDT-835 ΔP >.050	At least one fan/plenum is in service	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat
	300 area re-circulation fan/ plenum	FR-805 Icon red and PDT-836 ΔP >.050 or FR-806 Icon red and PDT-837 ΔP >.050	At least one fan/plenum is in service	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat
	400 area re-circulation fan/ plenum	FR-807 Icon red and PDT-838 ΔP >.050 or FR-808 Icon red and PDT-839 ΔP >.050	At least one fan/plenum is in service	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat
	Vault re-circulation fan/ plenum	FR-811 Icon red and PDT-840 ΔP >.050 or FR-812 Icon red and PDT-841 ΔP >.050	At least one fan/plenum is in service	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 3 of 3) 25 TS 5-26-21

Note Gauge readings should be taken on rack #4 in the OC when possible, local PDI equivalents may be used if necessary. Document any alternate PDIs used.				**Date:**	5-24-21		5-24-21		5-26-21		5-27-21		5-28-21		5-29-21		5-30-21	
				Weekday:	Mon		Tue		Wed		Thu		Fri		Sat		Sun	
				Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
				Initials:	JSL	✓	JSL	✓	TS	BL	JSL	✓	JSL	✓	JSL	✓	JSL	✓
SRs	**Description**	**Area**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS** **Sat / Unsat (circle one)**													
4.1.1.4	**Glovebox exhaust header ΔPs < laboratory ΔPs < basement ΔPs for areas 100, 200, 300 and 400**	200 Area	PDI-814-2 PDI-803-2 PDI-804-2	PDI-814-2 < PDI-803-2 < PDI-804-2	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat
		100 Area	PDI-820-2 PDI-802-2 PDI-804-2	PDI-820-2 < PDI-802-2 < PDI-804-2	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat
		300 Area	PDI-870-2 PDI-853-2 PDI-854-2	PDI-870-2 < PDI-853-2 < PDI-854-2	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat
		400 Area	PDI-864-2 PDI-852-2 PDI-854-2	PDI-864-2 < PDI-852-2 < PDI-854-2	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat
		Completion Time			0721	1911	0728	1917	0728	1915	0709	1917	0706	1913	0710	1915	0713	1913
		OCS Daily Review Sign off (initials)			MJW		MJW		DMO									

[1] Mode 2 acceptance criteria is < 0.00 in. wc.

[2] SRs 4.1.2.x only apply during Mode 2 in accordance with LCO 3.1.2.

[3] SRs 4.1.1.5 is only applicable when MAR is in the IFIT Facility

Completed by: ✓ Date 5/30/21 Time 1913 Reviewed by: PRICE Date: 5/30/21 Time: 2000

On-duty Supervisor

Comments: _____

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 1 of 4)

NOTE This entire attachment is to be treated as Surveillance Requirement implementing actions.

SR 4.4.1.1, The OPERABILITY acceptance criterion for this surveillance is:
The FLAMMABLE GAS detector in the FSTF FLAMMABLE GAS SOURCE storage cabinet is exposed to the ambient atmosphere in the storage cabinet. The gas concentration readout directly on the detector in the storage cabinet is compared with the gas concentration readout on the system control and alarm panel. The difference between the two readings is checked to VERIFY it is in the range of (≥-0.1; ≤0.1).

		Date:	5/24/21	5/25/21	5/26/21	05/27/21	5/28/21	5/29/21	5/30/21
		Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
		Initials:							
SR 4.4.1.1	Description / Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (percentage)						
	Flammable Gas Channel Check DET-305-3 (LCD Reading)	NA	005	005	005	005	005	005	005
	CP-305-H (LED Reading)		005	005	005	005	005	005	005
	(DET-305-3) – (CP-305H) (LCD Reading) (LED Reading)	Record Calculated Value	005	005	005	005	005	005	005
		≥ -0.1; ≤+0.1	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005
		Completion Time:	0710	0740	0756	0723	0733	0742	0725

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 2 of 4)

			Date:	5/24/21	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	JM	N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	**South basement supply filter plenum (HVP-841) ΔP**	[1]PDI-894-1	≤2.0 & > 0[1] in. wc	.03	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-894-2	≤2.0 & > 0[1] in. wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**South Corridor supply (HVP-810) ΔP**	[1]PDI-895-1	≤2.0 & > 0[1] in. wc	.06	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-895-2	≤2.0 & > 0[1] in. wc	.70	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**300 area glovebox exhaust filter plenum (FF854) ΔP**	[1]PDI-817-1	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-817-2	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-817-4	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-817-5	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**300 area special recovery glovebox exhaust filter plenum (FF858) ΔP**	PDI-81 9-1	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-81 9-3	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-819-4	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**300 area glovebox exhaust filter plenum (FF855) ΔP**	[1]PDI-818-1	≤2.0 & > 0[1] in. wc	.24	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-818-2	≤2.0 & > 0[1] in. wc	.30	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-818-4	≤2.0 & > 0[1] in. wc	.30	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-818-5	≤2.0 & > 0[1] in. wc	.30	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**300 area special recovery glovebox exhaust filter plenum (FF859) ΔP**	PDI-821-1	≤2.0 & > 0[1] in. wc	.34	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-821-3	≤2.0 & > 0[1] in. wc	.45	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-821-4	≤2.0 & > 0[1] in. wc	.41	N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 3 of 4)

			Date:	5/24/21	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	JM	N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	**400 area glovebox exhaust filter plenum (FF856) ΔP**	[1]PDI-822-1	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-822-2	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-822-4	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-822-5	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**400 area glovebox exhaust filter plenum (FF857) ΔP**	[1]PDI-823-1	≤2.0 & > 0[1] in. wc	.07	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-823-2	≤2.0 & > 0[1] in. wc	.52	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-823-4	≤2.0 & > 0[1] in. wc	.48	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-823—5	≤2.0 & > 0[1] in. wc	.59	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**South Basement exhaust filter plenum (FF-829) ΔP**	[1]PDI-830-1	≤2.0 & > 0[1] in. wc	.15	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-830-2	≤2.0 & > 0[1] in. wc	.08	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-830-3	≤2.0 & > 0[1] in. wc	.09	N/A	N/A	N/A	N/A	N/A	N/A
4.1.1.7[2]	**300 area re-circulation filter plenum (HVP-805) ΔP**	[1]PDI-836-1	≤2.0 & > 0[1] in. wc	.07	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-836-2	≤2.0 & > 0[1] in. wc	.67	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-836-3	≤2.0 & > 0[1] in. wc	.67	N/A	N/A	N/A	N/A	N/A	N/A
	300 area re-circulation filter plenum (HVP-806) ΔP	[1]PDI-837-1	≤2.0 & > 0[1] in. wc	Am 5/24/21 42.04	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-837-2	≤2.0 & > 0[1] in. wc	.49	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-837-3	≤2.0 & > 0[1] in. wc	Am 5/24/21 .04 .42	N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 4 of 4)

			Date:	3/24/21	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	JH	N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.1.7[2]	**400 area re-circulation filter plenum (HVP-807) ΔP**	[1]PDI-838-1	≤2.0 & > 0[1] in. wc	.59	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-838-2	≤2.0 & > 0[1] in. wc	.59	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-838-3	≤2.0 & > 0[1] in. wc	.59	N/A	N/A	N/A	N/A	N/A	N/A
	400 area re-circulation filter plenum (HVP-808) ΔP	[1]PDI-839-1	≤2.0 & > 0[1] in. wc	.41	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-839-2	≤2.0 & > 0[1] in. wc	.51	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-839-3	≤2.0 & > 0[1] in. wc	.52	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**South Bleed off filter plenum (FF-822A) ΔP**	[1]PDI-810-1	≤2.0 & > 0[1] in. wc	.15	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-810-2	≤2.0 & > 0[1] in. wc	.81	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-810-3	≤2.0 & > 0[1] in. wc	.49	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**South Bleed off filter plenum (FF-822B) ΔP**	[1]PDI -811 - 1	≤2.0 & > 0[1] in. wc	off	N/A	N/A	N/A	N/A	N/A	N/A
		PDI -811 -2	≤2.0 & > 0[1] in. wc	off	N/A	N/A	N/A	N/A	N/A	N/A
		PDI -811 -3	≤2.0 & > 0[1] in. wc	off	N/A	N/A	N/A	N/A	N/A	N/A
			Completion Time	0830	0754	0756	0733	0733	0742	0738
OC Operator Review and Page Count Complete (initials)				TS	TS	TS	DH	TS	TS	JS
OCS Daily Review Sign off (initials)				MJW	MJW	DAO	[signature]	[signature]	[signature]	[signature]

[1] Non TSR requirement
[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR 4.1.3.4 apply during both Mode 1 and ~~Mode 2~~ as stated in LCO 3.1.3.

Completed by: [signature] Date 5/30/21 Time 0738 Reviewed by: [signature] Date: 5/30/21 Time: 0753
On-duty Supervisor

Comments 4.4.1.1 Not in use. Waiting for calibration

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 1 of 5)

NOTE This entire attachment is to be treated as Surveillance Requirement implementing actions.

			Date:	5/24/21	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	[illegible]	N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.1.7[2]	**Vault re-circulation filter plenum (HVP-811) ΔP Vault re-circulation filter plenum (HVP-812) ΔP**	[1]PDI-840-1	≤2.0 & > 0[1] in. wc	.17	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-840-2	≤2.0 & > 0 in[1]. wc	.53	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-840-3	≤2.0 & > 0[1] in. wc	.51	N/A	N/A	N/A	N/A	N/A	N/A
		[1]PDI-841-1	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-841-2	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-841-3	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
	200 area re-circulation filter plenum (HVP-801) ΔP	[1]PDI-831-1	≤2.0 & > 0[1] in. wc	.37	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-831-2	≤2.0 & > 0[1] in. wc	.41	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-831-3	≤2.0 & > 0[1] in. wc	.40	N/A	N/A	N/A	N/A	N/A	N/A
	200 area re-circulation filter plenum (HVP-802) ΔP	[1]PDI-832-1	≤2.0 & > 0[1] in. wc	.62	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-832-2	≤2.0 & > 0[1] in. wc	.67	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-832-3	≤2.0 & > 0[1] in. wc	.60	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**North Bleed off filter plenum (FF-820A) ΔP**	[1]PDI-807-1	≤2.0 & > 0[1] in. wc	.12	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-807-2	≤2.0 & > 0[1] in. wc	.59	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-807-3	≤2.0 & > 0[1] in. wc	.51	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**North Bleed off filter plenum (FF-820B) ΔP**	[1]PDI-809-1	≤2.0 & > 0[1] in. wc	off	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-809-2	≤2.0 & > 0[1] in. wc	off	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-809-3	≤2.0 & > 0[1] in. wc	off	N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 2 of 5)

			Date:	5/24/21	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	JM	N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	**North Basement exhaust filter plenum (FF-828) ΔP**	[1]PDI-829-1	≤2.0 & > 0[1] in. wc	.06	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-829-2	≤2.0 & > 0[1] in. wc	.49	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-829-3	≤2.0 & > 0[1] in. wc	.45	N/A	N/A	N/A	N/A	N/A	N/A
4.1.1.7[2]	**100 area re-circulation filter plenum (HVP-803) ΔP**	[1]PDI-833-1	≤2.0 & > 0[1] in. wc	.08	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-833-2	≤2.0 & > 0[1] in. wc	.55	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-833-3	≤2.0 & > 0[1] in. wc	.51	N/A	N/A	N/A	N/A	N/A	N/A
	100 area re-circulation filter plenum (HVP-804) ΔP	[1]PDI-835-1	≤2.0 & > 0[1] in. wc	.06	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-835-2	≤2.0 & > 0[1] in. wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-835-3	≤2.0 & > 0[1] in. wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**100 area glovebox exhaust filter plenum (FF852) ΔP**	[1]PDI-815-1	≤2.0 & > 0[1] in. wc	.27	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-815-2	≤2.0 & > 0[1] in. wc	.56	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-815-4	≤2.0 & > 0[1] in. wc	.49	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-815-5	≤2.0 & > 0[1] in. wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**100 area glovebox exhaust filter plenum (FF853) ΔP**	[1]PDI-816-1	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-816-2	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-816-4	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-816-5	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 3 of 5)

			Date:	5/24/21	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	[illegible]	N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF850) ΔP	[1]PDI-812-1	≤2.0 & > 0[1] in. wc	.12	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-812-2	≤2.0 & > 0[1] in. wc	.28	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-812-3	≤2.0 & > 0[1] in. wc	.27	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-812-4	≤2.0 & > 0[1] in. wc	.25	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-812-5	≤2.0 & > 0[1] in. wc	.30	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF851) ΔP	[1]PDI-813-1	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-813-2	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-813-3	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-813-4	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-813-5	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	IFIT exhaust filter plenum (FF-865) ΔP	[1]PDI-865-1	≤2.0 & > 0[1] in. wc	.02	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-865-2	≤2.0 & > 0[1] in. wc	.39	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-865-3	≤2.0 & > 0[1] in. wc	.34	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	IFIT supply filter plenum (HVP-863) ΔP	[1]PDI-863-1	≤2.0 & > 0[1] in. wc	.04	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-863-2	≤2.0 & >0[1] in. wc	.31	N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 4 of 5)

			Date:	5/24/21	5/25/21	5/26/21	5/27/21	5/28/21	5/29/21	5/30/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS**						
4.1.3.4[2]	North Basement supply filter plenum (HVP-840) ΔP	[1]PDI-857-1	≤ 2.0 & > 0[1] in. wc	.11	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-857-2	≤2.0 & > 0[1] in. wc	.49	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	North corridor supply filter plenum (HVP-809) ΔP	[1]PDI-856-1	≤2.0 & > 0[1] in. wc	.04	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-856-2	≤2.0 & > 0[1] in. wc	.62	N/A	N/A	N/A	N/A	N/A	N/A
[1]NA	**Combustible exclusion area around basement exhaust fans FE828, FE829 and bleed-off fans FE820A, FE820B, FE820C, FE822A, FE822B, FE822C**		**0 lb/ft² combustibles in designated exclusion area (within 15 feet of fans)**	SAT	N/A	N/A	N/A	N/A	N/A	N/A
4.3.2.2[2]	Room 201		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	Sat	Sat	Sat	Sat	Sat	Sat
4.3.2.2[2]	Room 204		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	Sat	Sat	Sat	Sat	Sat	Sat

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 5 of 5)

			Date:	5/24/21	5/25/21	5/26/21	5/27/21	5/28/21	5/29/21	5/30/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS**						
4.3.2.2[2]	Room 206		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	Sat	Sat	Sat	Sat	Sat	Sat	Sat
4.3.2.2[2]	Room 207		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	Sat	Sat	Sat	Sat	Sat	Sat	Sat
			Completion time	0753	0754	0756	0723	0733	0742	0738
			OC Operator Review and Page Count Complete (initials)	TS	TS	TS	DH	TS	TS	TS
			OCS Daily Review Sign off (initials)	MJW	MJW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[1] Non TSR requirement

[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR's 4.1.3.4 and 4.3.2.2 apply during both Mode 1 and Mode 2.

Note: Rooms 201, 206 & 207 **must be** entered for surveillance even if they are red lit, room 204 can be viewed through the window. Notify the Operations Center of any rooms that are unable to be entered for the performance of rounds. Operations Center will make a logbook entry recording the room(s) and reason(s) for non-entry. Document in the comments section any room(s) and reason(s) they were unable to be entered for rounds.

Completed by: [illegible] Date 5/30/21 Time 0738 Reviewed by: _____ Date: 5/30/21 Time: 0754

On-duty Supervisor

Comments: _____

Attachment D, Monthly Surveillance Rounds (Confinement Doors) [UET]

(Page 1 of 2)

NOTE: his entire attachment is to be treated as Surveillance Requirement implementing actions.

SRs	Equipment	Location	Acceptance criteria	Sat or Unsat.	Completion Time:	Date:	Initials	CDV Initials
*Note	Confinement DR-344	Southeast	Verify that the Astragals and Jamb-Seal features are in-place and cover the gaps present 1. Between the door leaves and 2. Between the frame and the door edge when the doors are in the closed position	(Sat.) / Unsat.	1446	5/27/21	[illegible]	[illegible]
4.1.3.2[1]	Confinement Door DR-344	Southeast	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure. For each confinement door, VERIFY that one leaf of the door(s) is secured shut (NW, NE, SW, SE, south basement door).	(Sat.) / Unsat.	1446	5/27/21	[illegible]	[illegible]
4.1.3.2[1]	Confinement Door DR-149	Northeast	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure. For each confinement door, VERIFY that one leaf of the door(s) is secured shut (NW, NE, SW, SE, south basement door).	(Sat.) / Unsat.	1317	5/27/21	[illegible]	[illegible]
*Note	Confinement DR-102	Northwest	Verify that the Astragals and Jamb-Seal features are in-place and cover the gaps present 1. Between the door leaves and 2. Between the frame and the door edge when the doors are in the closed position	(Sat.) / Unsat.	1345	5/27/21	[illegible]	[illegible]
4.1.3.2[1]	Confinement Door DR-102	Northwest	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure. For each confinement door, VERIFY that one leaf of the door(s) is secured shut (NW, NE, SW, SE, south basement door).	(Sat.) / Unsat.	1345	5/27/21	[illegible]	[illegible]
			AND VERIFY and RECORD the time (using calibrated stop watch) that the door(s) goes to the fully closed position via the automatic door closure is ≤ 30 seconds. 5 Seconds	(Sat.) / Unsat.	1345	5/27/21	[illegible]	[illegible]

* **Note:** Monthly Inspection of DR-344 and DR-102 in accordance with compensatory measure(s) from: *Request for Permanent Equivalency to OE Order 420.1B Chapter II, NFPA 80, NFPA 101 and IBC Requirements for LANL Building TA55-4 (PF-4); Installation of New Confinement Doors DR-102, DR-302, and DR-344 LANL-DOE-ORDER-420.1B-EQ-2013-001*

Attachment D, Monthly Surveillance Rounds (Confinement Doors) [UET]

(Page 2 of 2)

SRs	Equipment	Location	Acceptance criteria	Sat or Unsat.	Completion Time:	Date:	Initials	CDV Initials
4.1.3.2[1]	Confinement Door DR-302	Southwest	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure. For each confinement door, VERIFY that one leaf of the door(s) is secured shut (NW, NE, SW, SE, south basement door).	Sat./ Unsat.	1355	5/27/21		
			AND VERIFY and RECORD the time (using calibrated stop watch) that the door(s) goes to the fully closed position via the automatic door closure is ≤ 30 seconds. 6 Seconds	Sat./ Unsat.	1355	5/27/21		
4.1.3.2[1]	Confinement Door DR-4	N. Basement Personnel door DR-4	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure.	Sat./ Unsat.	1330	5/27/21		
4.1.3.2[1]	Confinement Door DR-90	South Basement Door (Tunnel)	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure. For each confinement door, VERIFY that one leaf of the door(s) is secured shut (NW, NE, SW, SE, south basement door).	Sat./ Unsat.	1415	5/27/21		
						OC Operator Review and Page Count Complete		

[1] SR 4.1.3.2 applies during both Mode 1 and Mode 2.

Completed by: Jerome M. Date 5/27/21 Time 1450 Reviewed by _____ Date: 5-27-21 Time: 1520

Concurrent Dual Verifier _____ Date 5/27/21 Time 1450

On-duty Supervisor Comments: _____

Attachment D, Monthly Surveillance Rounds (Confinement Doors) [UET]

(Page 1 of 2)

NOTE: his entire attachment is to be treated as Surveillance Requirement implementing actions.

SRs	Equipment	Location	Acceptance criteria	Sat or Unsat.	Completion Time:	Date:	Initials	CDV Initials
***Note**	Confinement DR-344	Southeast	Verify that the Astragals and Jamb-Seal features are in-place and cover the gaps present 1. Between the door leaves and 2. Between the frame and the door edge when the doors are in the closed position	Sat. / Unsat.				
4.1.3.2[1]	Confinement Door DR-344	Southeast	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure. For each confinement door, VERIFY that one leaf of the door(s) is secured shut (NW, NE, SW, SE, south basement door).	Sat. / Unsat.				
4.1.3.2[1]	Confinement Door DR-149	Northeast	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure. For each confinement door, VERIFY that one leaf of the door(s) is secured shut (NW, NE, SW, SE, south basement door).	Sat. / Unsat.				
***Note**	Confinement DR-102	Northwest	Verify that the Astragals and Jamb-Seal features are in-place and cover the gaps present 1. Between the door leaves and 2. Between the frame and the door edge when the doors are in the closed position	Sat. / Unsat.				
4.1.3.2[1]	Confinement Door DR-102	Northwest	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure. For each confinement door, VERIFY that one leaf of the door(s) is secured shut (NW, NE, SW, SE, south basement door).	Sat. / Unsat.				
			AND VERIFY and RECORD the time (using calibrated stop watch) that the door(s) goes to the fully closed position via the automatic door closure is ≤ 30 seconds. _____ Seconds	Sat. / Unsat.				

* **Note:** Monthly Inspection of DR-344 and DR-102 in accordance with compensatory measure(s) from: *Request for Permanent Equivalency to OE Order 420.1B Chapter II, NFPA 80, NFPA 101 and IBC Requirements for LANL Building TA55-4 (PF-4); Installation of New Confinement Doors DR-102, DR-302, and DR-344 LANL-DOE-ORDER-420.1B-EQ-2013-001*

Attachment D, Monthly Surveillance Rounds (Confinement Doors) [UET]

(Page 2 of 2)

SRs	Equipment	Location	Acceptance criteria	Sat or Unsat.	Completion Time:	Date:	Initials	CDV Initials
4.1.3.2[1]	Confinement Door DR-302	Southwest	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure. For each confinement door, VERIFY that one leaf of the door(s) is secured shut (NW, NE, SW, SE, south basement door).	Sat. / Unsat.				
			AND VERIFY and RECORD the time (using calibrated stop watch) that the door(s) goes to the fully closed position via the automatic door closure is ≤ 30 seconds. _____ Seconds	Sat. / Unsat.				
4.1.3.2[1]	Confinement Door DR-4	N. Basement Personnel door DR-4	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure.	Sat. / Unsat.				
4.1.3.2[1]	Confinement Door DR-90	South Basement Door (Tunnel)	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure. For each confinement door, VERIFY that one leaf of the door(s) is secured shut (NW, NE, SW, SE, south basement door).	Sat. / Unsat.				
						OC Operator Review and Page Count Complete		

[1] SR 4.1.3.2 applies during both Mode 1 and Mode 2.

Completed by: _____ Date ____ Time_____ Reviewed by: _____ Date: ____ Time: _____

Concurrent Dual Verifier _____Date _____Time _____

On-duty Supervisor Comments: _____

_____

_____

_____

_____

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 1 of 3)

NOTE This entire attachment is to be treated as Surveillance Requirement implementing actions.

Note Gauge readings should be taken on rack #4 in the OC. whenever possible. Document if alternate PDIs are used.		**Date:**	5/31/21													
		Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
		Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
		Initials:	M	DH												
SRs	**Description**	**Gauge Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**													
4.1.1.1 4.1.2.1[2]	**200 area glovebox exhaust header ΔP**	PDI-814-1 or PDI-814-2 ≤-1.5 in. wc[1]	-2.01	-2.00												
	100 area glovebox exhaust header ΔP	PDI-820-1 or PDI-820-2 ≤-1.5 in. wc[1]	-1.94	-1.93												
	300 area glovebox exhaust header ΔP	PDI-870-1 or PDI-870-2 ≤-1.5 in. wc[1]	-1.97	-1.95												
	400 area glovebox exhaust header ΔP	PDI-864-1 or PDI-864-2 ≤-1.5 in. wc[1]	-1.99	-1.98												
4.1.1.2 4.1.1.5[3] 4.1.2.2[2]	**200 area laboratory header ΔP**	PDI-803-1 or PDI-803-2 ≤-0.05 in. wc[1]	-.21	-.22												
	100 area laboratory header ΔP	PDI-802-1 or PDI-802-2 ≤-0.05 in. wc[1]	-.27	-.27												
	300 area laboratory header ΔP	PDI-853-1 or PDI-853-2 ≤-0.05 in. wc[1]	-.19	-.19												
	400 area laboratory header ΔP	PDI-852-1 or PDI-852-2 ≤-0.05 in. wc[1]	-.18	-.18												
	IFIT Facility ΔP	PDI-865-4 or PDI-865-5 ≤-0.05 in. wc	-.15	-.15												
4.1.1.3 4.1.2.3[2]	**North basement ΔP**	PDI-804-1 or PDI-804-2 < 0.00 in. wc	-.09	-.09												
	South basement ΔP	PDI-854-1 or PDI-854-2 < 0.00 in. wc	-.09	-.09												
	IRT Tunnel ΔP	PDT-901 or PDI-901 < 0.00 in. wc	-.095	-.106												

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 2 of 3)

Note	Date:	5/31/21													
Readings should be taken using FCS screens FMT#151,152,201LD and 202LD. Field verification and local plenum PDI's may be used if FCS is unavailable.	**Weekday:**	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
	Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
	Initials:	M	DH												

SRs	Description	Readings	Acceptance Criteria	SURVEILLANCE RESULTS Sat / Unsat (circle one)													
4.1.1.6	**200 area re-circulation fan/ plenum**	FR-801 Icon red and PDT-831 ΔP >.050 or FR-802 Icon red and PDT-832 ΔP >.050	At least one fan/plenum is in service	(Sat) Unsat	(Sat) Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	100 area re-circulation fan/ plenum	FR-803 Icon red and PDT-833 ΔP >.050 or FR-804 Icon red and PDT-835 ΔP >.050	At least one fan/plenum is in service	(Sat) Unsat	(Sat) Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	300 area re-circulation fan/ plenum	FR-805 Icon red and PDT-836 ΔP >.050 or FR-806 Icon red and PDT-837 ΔP >.050	At least one fan/plenum is in service	(Sat) Unsat	(Sat) Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	400 area re-circulation fan/ plenum	FR-807 Icon red and PDT-838 ΔP >.050 or FR-808 Icon red and PDT-839 ΔP >.050	At least one fan/plenum is in service	(Sat) Unsat	(Sat) Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	Vault re-circulation fan/ plenum	FR-811 Icon red and PDT-840 ΔP >.050 or FR-812 Icon red and PDT-841 ΔP >.050	At least one fan/plenum is in service	(Sat) Unsat	(Sat) Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 3 of 3)

Note Gauge readings should be taken on rack #4 in the OC when possible, local PDI equivalents may be used if necessary. Document any alternate PDIs used.				**Date:**	5/31/21															
				Weekday:	Mon		Tue		Wed		Thu		Fri		Sat		Sun			
				Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM		
				Initials:	M	DH														
SRs	**Description**	**Area**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS** **Sat / Unsat (circle one)**															
4.1.1.4	**Glovebox exhaust header ΔPs < laboratory ΔPs < basement ΔPs for areas 100, 200, 300 and 400**	200 Area	PDI-814-2 PDI-803-2 PDI-804-2	PDI-814-2 < PDI-803-2 < PDI-804-2	(Sat) Unsat	(Sat) Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		100 Area	PDI-820-2 PDI-802-2 PDI-804-2	PDI-820-2 < PDI-802-2 < PDI-804-2	(Sat) Unsat	(Sat) Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		300 Area	PDI-870-2 PDI-853-2 PDI-854-2	PDI-870-2 < PDI-853-2 < PDI-854-2	(Sat) Unsat	(Sat) Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		400 Area	PDI-864-2 PDI-852-2 PDI-854-2	PDI-864-2 < PDI-852-2 < PDI-854-2	(Sat) Unsat	(Sat) Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		Completion Time			0733	1924														
		OCS Daily Review Sign off (initials)			MH	ATG														

[1] Mode 2 acceptance criteria is < 0.00 in. wc.

[2] SRs 4.1.2.x only apply during Mode 2 in accordance with LCO 3.1.2.

[3] SRs 4.1.1.5 is only applicable when MAR is in the IFIT Facility

Completed by: _____ Date _____ Time _____ Reviewed by: _____ Date:_____Time:_____
On-duty Supervisor

Comments: _____

_____

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 1 of 4)

NOTE This entire attachment is to be treated as Surveillance Requirement implementing actions.

SR 4.4.1.1, The OPERABILITY acceptance criterion for this surveillance is:
The FLAMMABLE GAS detector in the FSTF FLAMMABLE GAS SOURCE storage cabinet is exposed to the ambient atmosphere in the storage cabinet. The gas concentration readout directly on the detector in the storage cabinet is compared with the gas concentration readout on the system control and alarm panel. The difference between the two readings is checked to VERIFY it is in the range of (≥-0.1; ≤0.1).

		Date:	5/31/21						
		Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
		Initials:	[signature]						
	Description / Gauge	Acceptance Criteria	**SURVEILLANCE RESULTS (percentage)**						
SR 4.4.1.1	**Flammable Gas Channel Check DET-305-3 (LCD Reading)**	NA	005						
	CP-305-H (LED Reading)		005						
	(DET-305-3) – (CP-305H)	Record Calculated Value	005						
	(LCD Reading) (LED Reading)	≥ -0.1; ≤+0.1	~~Sat / Unsat~~ 005	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat
		Completion Time:	0745						

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 2 of 4)

			Date:	5/31/21	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	[illegible]	N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	**South basement supply filter plenum (HVP-841) ΔP**	[1]PDI-894-1	≤2.0 & > 0[1] in. wc	.04	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-894-2	≤2.0 & > 0[1] in. wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**South Corridor supply (HVP-810) ΔP**	[1]PDI-895-1	≤ 2.0 & > 0[1] in. wc	.06	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-895-2	≤2.0 & > 0[1] in. wc	.70	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**300 area glovebox exhaust filter plenum (FF854) ΔP**	[1]PDI-817-1	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-817-2	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-817-4	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-817-5	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**300 area special recovery glovebox exhaust filter plenum (FF858) ΔP**	PDI-81 9-1	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-81 9-3	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-819-4	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**300 area glovebox exhaust filter plenum (FF855) ΔP**	[1]PDI-818-1	≤2.0 & > 0[1] in. wc	.26	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-818-2	≤2.0 & > 0[1] in. wc	.31	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-818-4	≤2.0 & > 0[1] in. wc	.31	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-818-5	≤2.0 & > 0[1] in. wc	.31	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**300 area special recovery glovebox exhaust filter plenum (FF859) ΔP**	PDI-821-1	≤2.0 & > 0[1] in. wc	.42	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-821-3	≤2.0 & > 0[1] in. wc	.48	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-821-4	≤2.0 & > 0[1] in. wc	.42	N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 3 of 4)

			Date:	5/31/21	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	TL	N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	**400 area glovebox exhaust filter plenum (FF856) ΔP**	[1]PDI-822-1	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-822-2	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-822-4	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-822-5	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**400 area glovebox exhaust filter plenum (FF857) ΔP**	[1]PDI-823-1	≤2.0 & > 0[1] in. wc	.07	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-823-2	≤2.0 & > 0[1] in. wc	.58	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-823-4	≤2.0 & > 0[1] in. wc	.48	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-823—5	≤2.0 & > 0[1] in. wc	.61	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**South Basement exhaust filter plenum (FF-829) ΔP**	[1]PDI-830-1	≤2.0 & > 0[1] in. wc	.26	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-830-2	≤2.0 & > 0[1] in. wc	.04	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-830-3	≤2.0 & > 0[1] in. wc	.06	N/A	N/A	N/A	N/A	N/A	N/A
4.1.1.7[2]	**300 area re-circulation filter plenum (HVP-805) ΔP**	[1]PDI-836-1	≤2.0 & > 0[1] in. wc	.07	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-836-2	≤2.0 & > 0[1] in. wc	.67	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-836-3	≤2.0 & > 0[1] in. wc	.66	N/A	N/A	N/A	N/A	N/A	N/A
	300 area re-circulation filter plenum (HVP-806) ΔP	[1]PDI-837-1	≤2.0 & > 0[1] in. wc	.04	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-837-2	≤2.0 & > 0[1] in. wc	.49	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-837-3	≤2.0 & > 0[1] in. wc	.42	N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 4 of 4)

			Date:	5/31/21	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun
			Initials:	TL	N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.1.7[2]	**400 area re-circulation filter plenum (HVP-807) ΔP**	[1]PDI-838-1	≤2.0 & > 0[1] in. wc	.60	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-838-2	≤2.0 & > 0[1] in. wc	.60	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-838-3	≤2.0 & > 0[1] in. wc	.58	N/A	N/A	N/A	N/A	N/A	N/A
	400 area re-circulation filter plenum (HVP-808) ΔP	[1]PDI-839-1	≤2.0 & > 0[1] in. wc	.42	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-839-2	≤2.0 & > 0[1] in. wc	.52	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-839-3	≤2.0 & > 0[1] in. wc	.52	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**South Bleed off filter plenum (FF-822A) ΔP**	[1]PDI-810-1	≤2.0 & > 0[1] in. wc	.15	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-810-2	≤2.0 & > 0[1] in. wc	.81	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-810-3	≤2.0 & > 0[1] in. wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**South Bleed off filter plenum (FF-822B) ΔP**	[1]PDI -811 - 1	≤2.0 & > 0[1] in. wc	OFF	N/A	N/A	N/A	N/A	N/A	N/A
		PDI -811 -2	≤2.0 & > 0[1] in. wc	OFF	N/A	N/A	N/A	N/A	N/A	N/A
		PDI -811 -3	≤2.0 & > 0[1] in. wc	OFF	N/A	N/A	N/A	N/A	N/A	N/A
			Completion Time	0854						
OC Operator Review and Page Count Complete (initials)				M						
OCS Daily Review Sign off (initials)				MM						

[1] Non TSR requirement

[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR 4.1.3.4 apply during both Mode 1 and Mode 2 as stated in LCO 3.1.3.

Completed by: TL Date 5/31/21 Time 0854 Reviewed by: MM Date: 5/31/21 Time: 0900

On-duty Supervisor

Comments 4.4.1.1 O_2 monitor is Out of service, awaiting Calibration.

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 1 of 5)

NOTE This entire attachment is to be treated as Surveillance Requirement implementing actions.

			Date:	5/31/21	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	TL	N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.1.7[2]	**Vault re-circulation filter plenum (HVP-811) ΔP**	[1]PDI-840-1	≤2.0 & > 0[1] in. wc	.17	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-840-2	≤2.0 & > 0 in[1]. wc	.54	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-840-3	≤2.0 & > 0[1] in. wc	.51	N/A	N/A	N/A	N/A	N/A	N/A
	Vault re-circulation filter plenum (HVP-812) ΔP	[1]PDI-841-1	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-841-2	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-841-3	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
	200 area re-circulation filter plenum (HVP-801) ΔP	[1]PDI-831-1	≤2.0 & > 0[1] in. wc	.37	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-831-2	≤2.0 & > 0[1] in. wc	.42	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-831-3	≤2.0 & > 0[1] in. wc	.40	N/A	N/A	N/A	N/A	N/A	N/A
	200 area re-circulation filter plenum (HVP-802) ΔP	[1]PDI-832-1	≤2.0 & > 0[1] in. wc	.62	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-832-2	≤2.0 & > 0[1] in. wc	.68	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-832-3	≤2.0 & > 0[1] in. wc	.60	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**North Bleed off filter plenum (FF-820A) ΔP**	[1]PDI-807-1	≤2.0 & > 0[1] in. wc	.12	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-807-2	≤2.0 & > 0[1] in. wc	.60	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-807-3	≤2.0 & > 0[1] in. wc	.52	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**North Bleed off filter plenum (FF-820B) ΔP**	[1]PDI-809-1	≤2.0 & > 0[1] in. wc	OFF	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-809-2	≤2.0 & > 0[1] in. wc	OFF	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-809-3	≤2.0 & > 0[1] in. wc	OFF	N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 2 of 5)

			Date:	5/31/21	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	JL	N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	**North Basement exhaust filter plenum (FF-828) ΔP**	[1]PDI-829-1	≤2.0 & > 0[1] in. wc	.07	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-829-2	≤2.0 & > 0[1] in. wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-829-3	≤2.0 & > 0[1] in. wc	.48	N/A	N/A	N/A	N/A	N/A	N/A
4.1.1.7[2]	**100 area re-circulation filter plenum (HVP-803) ΔP**	[1]PDI-833-1	≤2.0 & > 0[1] in. wc	.08	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-833-2	≤2.0 & > 0[1] in. wc	.55	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-833-3	≤2.0 & > 0[1] in. wc	.51	N/A	N/A	N/A	N/A	N/A	N/A
	100 area re-circulation filter plenum (HVP-804) ΔP	[1]PDI-835-1	≤2.0 & > 0[1] in. wc	.06	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-835-2	≤2.0 & > 0[1] in. wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-835-3	≤2.0 & > 0[1] in. wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**100 area glovebox exhaust filter plenum (FF852) ΔP**	[1]PDI-815-1	≤2.0 & > 0[1] in. wc	.22	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-815-2	≤2.0 & > 0[1] in. wc	.55	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-815-4	≤2.0 & > 0[1] in. wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-815-5	≤2.0 & > 0[1] in. wc	.56	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**100 area glovebox exhaust filter plenum (FF853) ΔP**	[1]PDI-816-1	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-816-2	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-816-4	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-816-5	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 3 of 5)

			Date:	5/31/21	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	TL	N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF850) ΔP	[1]PDI-812-1	≤2.0 & > 0[1] in. wc	.12	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-812-2	≤2.0 & > 0[1] in. wc	.29	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-812-3	≤2.0 & > 0[1] in. wc	.30	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-812-4	≤2.0 & > 0[1] in. wc	.28	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-812-5	≤2.0 & > 0[1] in. wc	.31	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF851) ΔP	[1]PDI-813-1	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-813-2	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-813-3	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-813-4	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-813-5	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	IFIT exhaust filter plenum (FF-865) ΔP	[1]PDI-865-1	≤2.0 & > 0[1] in. wc	TL 5/31/21 .02	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-865-2	≤2.0 & > 0[1] in. wc	.40	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-865-3	≤2.0 & > 0[1] in. wc	.35	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	IFIT supply filter plenum (HVP-863) ΔP	[1]PDI-863-1	≤2.0 & > 0[1] in. wc	.05	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-863-2	≤2.0 & >0[1] in. wc	.31	N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 4 of 5)

			Date:	5/31/21						
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	NL						
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS**						
4.1.3.4[2]	North Basement supply filter plenum (HVP-840) ΔP	[1]PDI-857-1	≤ 2.0 & > 0[1] in. wc	.06	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-857-2	≤2.0 & > 0[1] in. wc	.48	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	North corridor supply filter plenum (HVP-809) ΔP	[1]PDI-856-1	≤2.0 & > 0[1] in. wc	.05	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-856-2	≤2.0 & > 0[1] in. wc	.62	N/A	N/A	N/A	N/A	N/A	N/A
[1]NA	**Combustible exclusion area around basement exhaust fans FE828, FE829 and bleed-off fans FE820A, FE820B, FE820C, FE822A, FE822B, FE822C**		**0 lb/ft² combustibles in designated exclusion area (within 15 feet of fans)**	Sat	N/A	N/A	N/A	N/A	N/A	N/A
4.3.2.2[2]	Room 201		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	Sat						
4.3.2.2[2]	Room 204		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	Sat						

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 5 of 5)

			Date:	5/31/21						
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:	YL						
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS**						
4.3.2.2[2]	Room 206		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	Sat						
4.3.2.2[2]	Room 207		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	Sat						
			Completion time	0854						
			OC Operator Review and Page Count Complete (initials)	M						
			OCS Daily Review Sign off (initials)	MM						

[1] Non TSR requirement

[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR's 4.1.3.4 and 4.3.2.2 apply during both Mode 1 and Mode 2.

Note: Rooms 201, 206 & 207 **must be** entered for surveillance even if they are red lit, room 204 can be viewed through the window. Notify the Operations Center of any rooms that are unable to be entered for the performance of rounds, Operations Center will make a logbook entry recording the room(s) and reason(s) for non-entry. Document in the comments section any room(s) and reason(s) they were unable to be entered for rounds.

Completed by: YL Date 5/31/21 Time 0854 Reviewed by: _____ Date: 5/1/21 Time: 0900

On-duty Supervisor

Comments: _____

Attachment B, Surveillance Training Checklist

(Page 1 of 2)

Procedure title:	Surveillance Rounds
Procedure no.:	TA55-STP-004, R22
Date of issue:	6/1/21
Working copy issued to:	A. Jaurigue
Working copy issued by:	D. Heintschel
	Certified Operations Center Operator (OCO)

Procedure is the current revision listed in Documentum: ☑ Yes ☐ Documentum Unavailable

Performance Type: ☑ Scheduled ☐ Partial ☐ Other *If partial or other list reason in Comments below*

Comments: *(Document TSR Status Board tracking date here if different from completion date.)*

Training Checklist:

Workers Performing Surveillance	TOO?	Applicable Surveillance Training Current	
		OCO Initials	Date
Cedillo, John	✓	DH	06/01/21
Chance, Brian	✓	DH	06/01/21
Cochran, Cory	✓	DH	06/01/21
Heintschel, Dustin	✓	DH	06/01/21
Stilson, Tyler	✓	DH	06/01/21
Wells, Matt	✓	DH	06/01/21
Jaurigue, Antonio	✓	DH	06/01/21
Miller, Marcus	✓	DH	06/01/21
Price, Ricky	✓	DH	06/01/21

OC Reviews Complete and TSR Status Board Updated

OCO Signature 7-1-21 Date

Attachment B, Surveillance Training Checklist (continued)

(Page 2 of 2)

Training Checklist (continuation sheet)

Workers Performing Surveillance		Applicable Surveillance Training Current	
	+007	Initials	Date
Seybert, Fred	✓	DH	06/01/21
Dunlavy, Derek	✓		06/01/21
Ashley, Keith	✓	DH	06/01/21
Sheldon, Steven	✓	DH	06/01/21
Washburn, Michael	✓	DH	06/01/21
Fordham, Brian	✓		06/01/21
Hohner, Rory	✓	DH	06/01/21
Irish, Michael	✓	DH	06/01/21
Langworthy, Thomas	✓	DH	06/01/21
Martinez, Jerome	✓	DH	06/01/21
Martinez, Richard	✓	DH	06/01/21
Connolly, Patrick	✓	DH	06/01/21
Long, Robert	✓	DH	06/01/21
Brauer, Kevin	✓	DH	06/01/21
Cantu, Albert	✓		06/01/21
Vigil, Matthew	✓	DH	06/01/21
Sheldon, Steven	✓	DH	06/01/21

Attachment B, Surveillance Training Checklist

(Page 1 of 2)

Procedure title:	Administrative Rounds
Procedure no.:	TA55-RS-004, R24
Date of issue:	6/1/21
Working copy issued to:	A. Jaurigue
Working copy issued by:	D. Heintschel
	Certified Operations Center Operator (OCO)

Procedure is the current revision listed in Documentum: ☑ Yes ☐ Documentum Unavailable

Performance Type: ☑ Scheduled ☐ Partial ☐ Other *If partial or other list reason in Comments below*

Comments: *(Document TSR Status Board tracking date here if different from completion date.)*

Training Checklist:

Workers Performing Surveillance	+002	Applicable Surveillance Training Current	
		OCO Initials	Date
Cedillo, John	✓	DH	06/01/21
Chance, Brian	✓	DH	06/01/21
Cochran, Cory	✓	DH	06/01/21
Heintschel, Dustin	✓	DH	06/01/21
Stilson, Tyler	✓	DH	06/01/21
Wells, Matt	✓	DH	06/01/21
Jaurigue, Antonio	✓	DH	06/01/21
Miller, Marcus	✓	DH	06/01/21
Price, Ricky	✓	DH	06/01/21

OC Reviews Complete and TSR Status Board Updated

OCO Signature

7-1-21

Date

Attachment B, Surveillance Training Checklist (continued)

(Page 2 of 2)

Training Checklist (continuation sheet)

Workers Performing Surveillance	Applicable Surveillance Training Current	
	Initials	Date
Seybert, Fred ✓	DH	06/01/21
Dunlavy, Derek ✓	DH	06/01/21
Ashley, Keith ✓	DH	06/01/21
Sheldon, Steven ✓	DH	06/01/21
Washburn, Michael ✓	DH	06/01/21
Fordham, Brian ✓	DH	06/01/21
Hohner, Rory ✓	DH	06/01/21
Irish, Michael ✓	DH	06/01/21
Langworthy, Thomas ✓	DH	06/01/21
Martinez, Jerome ✓	DH	06/01/21
Martinez, Richard ✓	DH	06/01/21
Connolly, Patrick ✓	DH	06/01/21
Long, Robert ✓	DH	06/01/21
Brauer, Kevin ✓	DH	06/01/21
Cantu, Albert ✓	DH	06/01/21
Vigil, Matthew ✓	DH	06/01/21
Sheldon, Steven ✓	DH	06/01/21

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 1 of 3)

NOTE This entire attachment is to be treated as Surveillance Requirement implementing actions.

Note Gauge readings should be taken on rack #4 in the OC. whenever possible. Document if alternate PDIs are used.		**Date:**			6/1/21		6-2-21		6-3-21		6/4/21		6/5/21		06-06-21	
		Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
		Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
		Initials:			M	DH	JSL	C	JSL	C	M	DH	M	DH	BC	DH
SRs	**Description**	**Gauge Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**													
4.1.1.1 4.1.2.1[2]	**200 area glovebox exhaust header ΔP**	PDI-814-1 or PDI-814-2 ≤-1.5 in. wc[1]			-2.01	-2.01	-2.00	-2.00	-2.00	-2.01	-2.01	-2.01	-2.00	-2.01	-2.01	-2.00
	100 area glovebox exhaust header ΔP	PDI-820-1 or PDI-820-2 ≤-1.5 in. wc[1]			-1.94	-1.94	-1.94	-1.93	-1.93	-1.93	-1.94	-1.94	-1.94	-1.93	-1.94	-1.93
	300 area glovebox exhaust header ΔP	PDI-870-1 or PDI-870-2 ≤-1.5 in. wc[1]			-1.96	-1.97	-1.94	-1.97	-1.95	-1.96	-1.95	-1.98	-1.97	-1.98	-1.95	-1.97
	400 area glovebox exhaust header ΔP	PDI-864-1 or PDI-864-2 ≤-1.5 in. wc[1]			-1.97	-2.00	-1.97	-1.93	-1.99	-1.99	-1.97	-1.97	-1.99	-1.99	-1.98	-1.98
4.1.1.2 4.1.1.5[3] 4.1.2.2[2]	**200 area laboratory header ΔP**	PDI-803-1 or PDI-803-2 ≤-0.05 in. wc[1]			-.21	-.22	-0.22	-.22	-0.21	-.19	-.19	-.18	-.19	-.23	-.23	-.22
	100 area laboratory header ΔP	PDI-802-1 or PDI-802-2 ≤-0.05 in. wc[1]			-.27	-.28	-0.28	-.29	-0.27	-.25	-.25	-.24	-.25	-.29	-.29	-.28
	300 area laboratory header ΔP	PDI-853-1 or PDI-853-2 ≤-0.05 in. wc[1]			-.19	-.19	-0.22	-.18	-0.19	-.22	-.22	-.19	-.21	-.20	-.20	-.20
	400 area laboratory header ΔP	PDI-852-1 or PDI-852-2 ≤-0.05 in. wc[1]			-.19	-.18	-0.21	-.18	-0.18	-.21	-.21	-.19	-.20	-.19	-.20	-.20
	IFIT Facility ΔP	PDI-865-4 or PDI-865-5 ≤-0.05 in. wc			-.15	-.15	-0.15	-.16	-0.15	-.15	-.15	-.15	-.15	-.14	-.15	-.15
4.1.1.3 4.1.2.3[2]	**North basement ΔP**	PDI-804-1 or PDI-804-2 < 0.00 in. wc			-.09	-.09	-0.09	-.09	-0.09	-.09	-.09	-.09	-.09	-.09	-.09	-.09
	South basement ΔP	PDI-854-1 or PDI-854-2 < 0.00 in. wc			-.09	-.09	-0.09	-.09	-0.09	-.09	-.09	-.10	-.09	-.10	-.09	-.09
	IRT Tunnel ΔP	PDT-901 or PDI-901 < 0.00 in. wc			-.109	-.107	-0.139	-.096	-0.109	-.104	-.095	-.096	-.107	-.099	-.091	-.108

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 2 of 3)

Note: Readings should be taken using FCS screens FMT#151,152,201LD and 202LD. Field verification and local plenum PDI's may be used if FCS is unavailable.																			
		Date:			6/1/21		6-2-21		6-3-21		6/4/21		6/5/21		06-06-21				
		Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.				
		Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM			
		Initials:			M	DH	JSL	C	JSL	C	M	DH	M	DH	BC	DH			
SRs	**Description**	**Readings**	**Acceptance Criteria**	**SURVEILLANCE RESULTS Sat / Unsat (circle one)**															
4.1.1.6	**200 area re-circulation fan/ plenum**	FR-801 Icon red and PDT-831 ΔP >.050 or FR-802 Icon red and PDT-832 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	100 area re-circulation fan/ plenum	FR-803 Icon red and PDT-833 ΔP >.050 or FR-804 Icon red and PDT-835 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	300 area re-circulation fan/ plenum	FR-805 Icon red and PDT-836 ΔP >.050 or FR-806 Icon red and PDT-837 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	400 area re-circulation fan/ plenum	FR-807 Icon red and PDT-838 ΔP >.050 or FR-808 Icon red and PDT-839 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	Vault re-circulation fan/ plenum	FR-811 Icon red and PDT-840 ΔP >.050 or FR-812 Icon red and PDT-841 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 3 of 3)

Note
Gauge readings should be taken on rack #4 in the OC when possible, local PDI equivalents may be used if necessary. Document any alternate PDIs used.

				Date:			6/1/21		6-2-21		6-3-21		6/4/21		6/5/21		06-06-21	
				Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun	
				Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
				Initials:			M	DH	JSC	C	JSC	C	M	DH	M	DH	BC	DH
SRs	**Description**	**Area**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS Sat / Unsat (circle one)**													
4.1.1.4	**Glovebox exhaust header ΔPs < laboratory ΔPs < basement ΔPs for areas 100, 200, 300 and 400**	200 Area	PDI-814-2 PDI-803-2 PDI-804-2	PDI-814-2 < PDI-803-2 < PDI-804-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		100 Area	PDI-820-2 PDI-802-2 PDI-804-2	PDI-820-2 < PDI-802-2 < PDI-804-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		300 Area	PDI-870-2 PDI-853-2 PDI-854-2	PDI-870-2 < PDI-853-2 < PDI-854-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		400 Area	PDI-864-2 PDI-852-2 PDI-854-2	PDI-864-2 < PDI-852-2 < PDI-854-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		Completion Time					0733	1927	0710	1911	0727	1911	0730	1928	0733	1930	0712	1926
		OCS Daily Review Sign off (initials)					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ARS	ARS	[illegible]	AR	ARS

[1] Mode 2 acceptance criteria is < 0.00 in. wc.

[2] SRs 4.1.2.x only apply during Mode 2 in accordance with LCO 3.1.2.

[3] SRs 4.1.1.5 is only applicable when MAR is in the IFIT Facility

Completed by: [signature] Date 6/6/21 Time 1924 Reviewed by: [signature] Date: 7/2/21 Time: 1940
On-duty Supervisor

Comments: _____

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 1 of 4)

NOTE This entire attachment is to be treated as Surveillance Requirement implementing actions.

SR 4.4.1.1, The OPERABILITY acceptance criterion for this surveillance is:
The FLAMMABLE GAS detector in the FSTF FLAMMABLE GAS SOURCE storage cabinet is exposed to the ambient atmosphere in the storage cabinet. The gas concentration readout directly on the detector in the storage cabinet is compared with the gas concentration readout on the system control and alarm panel. The difference between the two readings is checked to VERIFY it is in the range of (≥-0.1; ≤0.1).

		Date:		6/1/21	6/2/21	6/3/21	6/4/21	6/5/21	6/6/21
		Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
		Initials:		JM	JM	JM	RH	KB	KB
SR 4.4.1.1	**Description / Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (percentage)**						
	Flammable Gas Channel Check DET-305-3 (LCD Reading)	NA		005	005	005	005	005	005
	CP-305-H (LED Reading)			005	005	005	005	005	005
	(DET-305-3) – (CP-305H)	Record Calculated Value		005	005	005	005	005	005
	(LCD Reading) (LED Reading)	≥ -0.1; ≤+0.1	Sat / Unsat	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005
		Completion Time:		0710	0705	0702	0401	0700	0724

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 2 of 4)

			Date:		N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:		N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	**South basement supply filter plenum (HVP-841) ΔP**	[1]PDI-894-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-894-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**South Corridor supply (HVP-810) ΔP**	[1]PDI-895-1	≤ 2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-895-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**300 area glovebox exhaust filter plenum (FF854) ΔP**	[1]PDI-817-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-817-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-817-4	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-817-5	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**300 area special recovery glovebox exhaust filter plenum (FF858) ΔP**	PDI-81 9-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-81 9-3	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-819-4	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**300 area glovebox exhaust filter plenum (FF855) ΔP**	[1]PDI-818-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-818-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-818-4	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-818-5	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**300 area special recovery glovebox exhaust filter plenum (FF859) ΔP**	PDI-821-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-821-3	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-821-4	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 3 of 4)

			Date:		N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:		N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	**400 area glovebox exhaust filter plenum (FF856) ΔP**	[1]PDI-822-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-822-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-822-4	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-822-5	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**400 area glovebox exhaust filter plenum (FF857) ΔP**	[1]PDI-823-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-823-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-823-4	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-823—5	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**South Basement exhaust filter plenum (FF-829) ΔP**	[1]PDI-830-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-830-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-830-3	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
4.1.1.7[2]	**300 area re-circulation filter plenum (HVP-805) ΔP**	[1]PDI-836-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-836-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-836-3	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
	300 area re-circulation filter plenum (HVP-806) ΔP	[1]PDI-837-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-837-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-837-3	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 4 of 4)

			Date:		N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:		N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.1.7[2]	**400 area re-circulation filter plenum (HVP-807) ΔP**	[1]PDI-838-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-838-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-838-3	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
	400 area re-circulation filter plenum (HVP-808) ΔP	[1]PDI-839-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-839-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-839-3	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**South Bleed off filter plenum (FF-822A) ΔP**	[1]PDI-810-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-810-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-810-3	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**South Bleed off filter plenum (FF-822B) ΔP**	[1]PDI -811 - 1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI -811 -2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI -811 -3	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
			Completion Time		0710	0705	0702	0730	0703	0724
OC Operator Review and Page Count Complete (initials)					M	TS	TS	M	DH	BC/M
OCS Daily Review Sign off (initials)					[signature]	MSW	[signature]	[signature]	APD	[signature]

[1] Non TSR requirement
[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR 4.1.3.4 apply during both Mode 1 and Mode 2 as stated in LCO 3.1.3.

Completed by: KB Date 6/6/21 Time 0751 Reviewed by: [signature] Date: 7/2/21 Time: 1940
On-duty Supervisor

Comments 6/1/21 not in use. Waiting for calibration

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 1 of 5)

NOTE This entire attachment is to be treated as Surveillance Requirement implementing actions.

			Date:		N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:		N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.1.7[2]	**Vault re-circulation filter plenum (HVP-811) ΔP**	[1]PDI-840-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-840-2	≤2.0 & > 0 in[1]. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-840-3	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
	Vault re-circulation filter plenum (HVP-812) ΔP	[1]PDI-841-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-841-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-841-3	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
	200 area re-circulation filter plenum (HVP-801) ΔP	[1]PDI-831-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-831-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-831-3	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
	200 area re-circulation filter plenum (HVP-802) ΔP	[1]PDI-832-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-832-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-832-3	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**North Bleed off filter plenum (FF-820A) ΔP**	[1]PDI-807-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-807-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-807-3	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**North Bleed off filter plenum (FF-820B) ΔP**	[1]PDI-809-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-809-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-809-3	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 2 of 5)

			Date:		N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:		N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	**North Basement exhaust filter plenum (FF-828) ΔP**	[1]PDI-829-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-829-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-829-3	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
4.1.1.7[2]	**100 area re-circulation filter plenum (HVP-803) ΔP**	[1]PDI-833-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-833-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-833-3	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
	100 area re-circulation filter plenum (HVP-804) ΔP	[1]PDI-835-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-835-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-835-3	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**100 area glovebox exhaust filter plenum (FF852) ΔP**	[1]PDI-815-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-815-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-815-4	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-815-5	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**100 area glovebox exhaust filter plenum (FF853) ΔP**	[1]PDI-816-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-816-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-816-4	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-816-5	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 3 of 5)

			Date:		N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:		N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF850) ΔP	[1]PDI-812-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-812-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-812-3	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-812-4	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-812-5	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF851) ΔP	[1]PDI-813-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-813-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-813-3	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-813-4	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-813-5	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	IFIT exhaust filter plenum (FF-865) ΔP	[1]PDI-865-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-865-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-865-3	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	IFIT supply filter plenum (HVP-863) ΔP	[1]PDI-863-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-863-2	≤2.0 & >0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 4 of 5)

			Date:		6/1/21	6/2/21	6/3/21	6/4/21	6/5/21	6/6/21
			Weekday:	Mon	Tue	Wed	Thu	Fri	Sat	Sun
			Initials:		[illegible]	[illegible]	[illegible]	[illegible]	KB	KB
SRs	**Description**	**Gauge**	**Acceptance Criteria**	SURVEILLANCE RESULTS						
4.1.3.4[2]	North Basement supply filter plenum (HVP-840) ΔP	[1]PDI-857-1	≤ 2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-857-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	North corridor supply filter plenum (HVP-809) ΔP	[1]PDI-856-1	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
		PDI-856-2	≤2.0 & > 0[1] in. wc		N/A	N/A	N/A	N/A	N/A	N/A
[1]**NA**	**Combustible exclusion area around basement exhaust fans FE828, FE829 and bleed-off fans FE820A, FE820B, FE820C, FE822A, FE822B, FE822C**		**0 lb/ft² combustibles in designated exclusion area (within 15 feet of fans)**		N/A	N/A	N/A	N/A	N/A	N/A
4.3.2.2[2]	Room 201		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less		SAT	SAT	SAT	SAT	SAT	SAT
4.3.2.2[2]	Room 204		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less		SAT	SAT	SAT	SAT	SAT	SAT

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 5 of 5)

			Date:		6/1/21	6/2/21	6/3/21	6/4/21	6/5/21	6/6/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:		[illegible]	[illegible]	[illegible]	[illegible]	KB	KB
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS**						
4.3.2.2[2]	Room 206		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less		SAT	SAT	SAT	SAT	SAT	SAT
4.3.2.2[2]	Room 207		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less		SAT	SAT	SAT	SAT	SAT	SAT
			Completion time		0745	0740	0746	0720	0703	0751
			OC Operator Review and Page Count Complete (initials)		M	TS	TS	M	OH	M
			OCS Daily Review Sign off (initials)		MJW	MJW	[illegible]	AM	AM	[illegible]

[1] Non TSR requirement

[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR's 4.1.3.4 and 4.3.2.2 apply during both Mode 1 and Mode 2.

Note: Rooms 201, 206 & 207 **must be** entered for surveillance even if they are red lit, room 204 can be viewed through the window. Notify the Operations Center of any rooms that are unable to be entered for the performance of rounds, Operations Center will make a logbook entry recording the room(s) and reason(s) for non-entry. Document in the comments section any room(s) and reason(s) they were unable to be entered for rounds.

Completed by: KB Date 6/6/21 Time 0751 Reviewed by: [signature] Date: 7/2/21 Time: 1940

On-duty Supervisor

Comments: _____

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 1 of 3)

NOTE This entire attachment is to be treated as Surveillance Requirement implementing actions.

Note Gauge readings should be taken on rack #4 in the OC. whenever possible. Document if alternate PDIs are used.		**Date:**	06-07-21		06-08-21		6/9/21		6/10/21		06-11-21		06-12-21		06-13-21	
		Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
		Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
		Initials:	BC	JSC	BC	[illegible]	M	APJ	M	QM	BC	[illegible]	BC	[illegible]	BC	JSC
SRs	**Description**	**Gauge Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**													
4.1.1.1 4.1.2.1[2]	**200 area glovebox exhaust header ΔP**	PDI-814-1 or PDI-814-2 ≤-1.5 in. wc[1]	-2.00	-2.01	-2.00	-2.01	-2.01	-2.00	-2.00	-2.01	-2.01	-2.00	-2.00	-2.01	-2.01	-2.00
	100 area glovebox exhaust header ΔP	PDI-820-1 or PDI-820-2 ≤-1.5 in. wc[1]	-1.94	-1.94	-1.93	-1.94	-1.94	-1.93	-1.94	-1.93	-1.94	-1.93	-1.93	-1.93	-1.93	-1.93
	300 area glovebox exhaust header ΔP	PDI-870-1 or PDI-870-2 ≤-1.5 in. wc[1]	-1.97	-1.96	-1.97	-1.97	-1.97	-1.98	-1.99	-1.97	-1.97	-1.97	-1.97	-1.97	-1.97	-1.96
	400 area glovebox exhaust header ΔP	PDI-864-1 or PDI-864-2 ≤-1.5 in. wc[1]	-1.96	-1.99	-1.98	-2.00	-1.98	-1.98	-1.98	-1.99	-1.98	-1.99	-1.98	-1.97	-1.97	-1.97
4.1.1.2 4.1.1.5[3] 4.1.2.2[2]	**200 area laboratory header ΔP**	PDI-803-1 or PDI-803-2 ≤-0.05 in. wc[1]	-.22	-0.23	-.22	-0.23	-.23	-.24	-.23	-.23	-.23	-0.23	-.23	-0.24	-.23	-0.24
	100 area laboratory header ΔP	PDI-802-1 or PDI-802-2 ≤-0.05 in. wc[1]	-.28	-0.29	-.28	-0.29	-.28	-.30	-.30	-.30	-.30	-0.30	-.30	-0.30	-.29	-0.30
	300 area laboratory header ΔP	PDI-853-1 or PDI-853-2 ≤-0.05 in. wc[1]	-.21	-0.21	-.19	-0.22	-.18	-.20	-.20	-.18	-.19	-0.19	-.20	-0.20	-.20	-0.20
	400 area laboratory header ΔP	PDI-852-1 or PDI-852-2 ≤-0.05 in. wc[1]	-.21	-0.20	-.19	-0.21	-.20	-.20	-.17	-.18	-.19	-0.19	-.20	-0.20	-.20	-0.20
	IFIT Facility ΔP	PDI-865-4 or PDI-865-5 ≤-0.05 in. wc	-.15	-0.15	-.15	-0.15	-.15	-.15	-.14	-.15	-.15	-0.15	-.15	-0.15	-.15	-0.15
4.1.1.3 4.1.2.3[2]	**North basement ΔP**	PDI-804-1 or PDI-804-2 < 0.00 in. wc	-.09	-0.09	-.09	-0.09	-.09	-.09	-.09	-.09	-.09	-0.09	-.09	-0.09	-.09	-0.09
	South basement ΔP	PDI-854-1 or PDI-854-2 < 0.00 in. wc	-.10	-0.09	-.09	-0.10	-.09	-.10	-.10	-.10	-.09	-0.09	-.09	-0.10	-.10	-0.09
	IRT Tunnel ΔP	PDT-901 or PDI-901 < 0.00 in. wc	-.095	-0.097	-.094	-0.101	-.095	-.117	-.108	-.110	-.099	-0.095	-.103	-0.101	-.101	-0.112

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 2 of 3)

Note: Readings should be taken using FCS screens FMT#151,152,201LD and 202LD. Field verification and local plenum PDI's may be used if FCS is unavailable.																				
		Date:	06.07.21		06.08.21		6/9/21		6/10/21		06.11.21		06.12.21		06.13.21					
		Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.					
		Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM				
		Initials:	BC	JSC	BC		M	AM	M	DH	BC	JSC	BC		BC	JSC				
SRs	**Description**	**Readings**	**Acceptance Criteria**	**SURVEILLANCE RESULTS Sat / Unsat (circle one)**																
4.1.1.6	**200 area re-circulation fan/ plenum**	FR-801 Icon red and PDT-831 ΔP >.050 or FR-802 Icon red and PDT-832 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	100 area re-circulation fan/ plenum	FR-803 Icon red and PDT-833 ΔP >.050 or FR-804 Icon red and PDT-835 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	300 area re-circulation fan/ plenum	FR-805 Icon red and PDT-836 ΔP >.050 or FR-806 Icon red and PDT-837 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	400 area re-circulation fan/ plenum	FR-807 Icon red and PDT-838 ΔP >.050 or FR-808 Icon red and PDT-839 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	Vault re-circulation fan/ plenum	FR-811 Icon red and PDT-840 ΔP >.050 or FR-812 Icon red and PDT-841 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 3 of 3)

Note
Gauge readings should be taken on rack #4 in the OC when possible, local PDI equivalents may be used if necessary. Document any alternate PDIs used.

				Date:	06-07-21		06-08-21		6/9/21		6/10/21		06-11-21		06-12-21		06-13-21	
				Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
				Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
				Initials:	BC	JSL	BC	[illegible]	M	ARJ	M	OH	BC	JSL	BC	[illegible]	BC	JSL
SRs	**Description**	**Area**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS** Sat / Unsat (circle one)													
4.1.1.4	**Glovebox exhaust header ΔPs < laboratory ΔPs < basement ΔPs for areas 100, 200, 300 and 400**	200 Area	PDI-814-2 PDI-803-2 PDI-804-2	PDI-814-2 < PDI-803-2 < PDI-804-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		100 Area	PDI-820-2 PDI-802-2 PDI-804-2	PDI-820-2 < PDI-802-2 < PDI-804-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		300 Area	PDI-870-2 PDI-853-2 PDI-854-2	PDI-870-2 < PDI-853-2 < PDI-854-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		400 Area	PDI-864-2 PDI-852-2 PDI-854-2	PDI-864-2 < PDI-852-2 < PDI-854-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		Completion Time			0709	1904	0718	1907	0733	1928	0730	1929	0712	0703	0716	1914	0717	1906
		OCS Daily Review Sign off (initials)			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] ARJ	[illegible]	ARJ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[1] Mode 2 acceptance criteria is < 0.00 in. wc.
[2] SRs 4.1.2.x only apply during Mode 2 in accordance with LCO 3.1.2.
[3] SRs 4.1.1.5 is only applicable when MAR is in the IFIT Facility

Completed by: JSL Date 6-13-21 Time 1906 Reviewed by: [signature] Date: 6/13/21 Time: 1912
On-duty Supervisor

Comments: _____

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 1 of 4)

NOTE This entire attachment is to be treated as Surveillance Requirement implementing actions.

SR 4.4.1.1, The OPERABILITY acceptance criterion for this surveillance is:
The FLAMMABLE GAS detector in the FSTF FLAMMABLE GAS SOURCE storage cabinet is exposed to the ambient atmosphere in the storage cabinet. The gas concentration readout directly on the detector in the storage cabinet is compared with the gas concentration readout on the system control and alarm panel. The difference between the two readings is checked to VERIFY it is in the range of (≥-0.1; ≤0.1).

		Date:	6/7/21	6/8/21	6/9/21	6/10/21	6/11/21	6/12/21	6/13/21
		Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
		Initials:	RH	JM	JM	VL	VL	RH	RH
SR 4.4.1.1	Description / Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (percentage)						
	Flammable Gas Channel Check DET-305-3 (LCD Reading)	NA	005	005	005	005	005	005	005
	CP-305-H (LED Reading)		005	005	005	005	005	005	005
	(DET-305-3) – (CP-305H)	Record Calculated Value	005	005	005	005	005	005	005
	(LCD Reading) (LED Reading)	≥ -0.1; ≤+0.1	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005
		Completion Time:	0705	0703	0707	0709	0715	0815	0830

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 2 of 4)

			Date:	6/7/21	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	ZH	N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	**South basement supply filter plenum (HVP-841) ΔP**	[1]PDI-894-1	≤2.0 & > 0[1] in. wc	.05	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-894-2	≤2.0 & > 0[1] in. wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**South Corridor supply (HVP-810) ΔP**	[1]PDI-895-1	≤ 2.0 & > 0[1] in. wc	.06	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-895-2	≤2.0 & > 0[1] in. wc	.70	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**300 area glovebox exhaust filter plenum (FF854) ΔP**	[1]PDI-817-1	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-817-2	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-817-4	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-817-5	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**300 area special recovery glovebox exhaust filter plenum (FF858) ΔP**	PDI-81 9-1	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-81 9-3	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-819-4	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**300 area glovebox exhaust filter plenum (FF855) ΔP**	[1]PDI-818-1	≤2.0 & > 0[1] in. wc	.23	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-818-2	≤2.0 & > 0[1] in. wc	.30	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-818-4	≤2.0 & > 0[1] in. wc	.30	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-818-5	≤2.0 & > 0[1] in. wc	.30	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**300 area special recovery glovebox exhaust filter plenum (FF859) ΔP**	PDI-821-1	≤2.0 & > 0[1] in. wc	.41	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-821-3	≤2.0 & > 0[1] in. wc	.48	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-821-4	≤2.0 & > 0[1] in. wc	.40	N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 3 of 4)

			Date:	6/7/21	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	ZH	N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	**400 area glovebox exhaust filter plenum (FF856) ΔP**	[1]PDI-822-1	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-822-2	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-822-4	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-822-5	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**400 area glovebox exhaust filter plenum (FF857) ΔP**	[1]PDI-823-1	≤2.0 & > 0[1] in. wc	.08	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-823-2	≤2.0 & > 0[1] in. wc	.59	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-823-4	≤2.0 & > 0[1] in. wc	.49	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-823—5	≤2.0 & > 0[1] in. wc	.60	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**South Basement exhaust filter plenum (FF-829) ΔP**	[1]PDI-830-1	≤2.0 & > 0[1] in. wc	.25	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-830-2	≤2.0 & > 0[1] in. wc	.02	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-830-3	≤2.0 & > 0[1] in. wc	.10	N/A	N/A	N/A	N/A	N/A	N/A
4.1.1.7[2]	**300 area re-circulation filter plenum (HVP-805) ΔP**	[1]PDI-836-1	≤2.0 & > 0[1] in. wc	.07	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-836-2	≤2.0 & > 0[1] in. wc	.65	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-836-3	≤2.0 & > 0[1] in. wc	.67	N/A	N/A	N/A	N/A	N/A	N/A
	300 area re-circulation filter plenum (HVP-806) ΔP	[1]PDI-837-1	≤2.0 & > 0[1] in. wc	.04	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-837-2	≤2.0 & > 0[1] in. wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-837-3	≤2.0 & > 0[1] in. wc	.42	N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 4 of 4)

			Date:	6/7/21	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	[illegible]	N/A	N/A	N/A	N/A	N/A	N/A
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.1.7[2]	400 area re-circulation filter plenum (HVP-807) ΔP	[1]PDI-838-1	≤2.0 & > 0[1] in. wc	.60	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-838-2	≤2.0 & > 0[1] in. wc	.60	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-838-3	≤2.0 & > 0[1] in. wc	.59	N/A	N/A	N/A	N/A	N/A	N/A
	400 area re-circulation filter plenum (HVP-808) ΔP	[1]PDI-839-1	≤2.0 & > 0[1] in. wc	.42	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-839-2	≤2.0 & > 0[1] in. wc	.54	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-839-3	≤2.0 & > 0[1] in. wc	.52	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	South Bleed off filter plenum (FF-822A) ΔP	[1]PDI-810-1	≤2.0 & > 0[1] in. wc	OFF	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-810-2	≤2.0 & > 0[1] in. wc	OFF	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-810-3	≤2.0 & > 0[1] in. wc	OFF	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	South Bleed off filter plenum (FF-822B) ΔP	[1]PDI -811 - 1	≤2.0 & > 0[1] in. wc	.11	N/A	N/A	N/A	N/A	N/A	N/A
		PDI -811 -2	≤2.0 & > 0[1] in. wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
		PDI -811 -3	≤2.0 & > 0[1] in. wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
			Completion Time	0859	0703	0707	0710	0754	0914	0915
OC Operator Review and Page Count Complete (initials)				BC	BC	M	OH	BC	BC	BC
OCS Daily Review Sign off (initials)				[illegible]	[illegible]	[illegible]	AM	[illegible]	[illegible]	[illegible]

[1] Non TSR requirement
[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR 4.1.3.4 apply during both Mode 1 and Mode 2 as stated in LCO 3.1.3.

Completed by: RJohnes Date 6/13/21 Time 0917 Reviewed by: PRICE Date: 6/13/21 Time: 0926
On-duty Supervisor

Comments Step 4.4.1.1 Meter is Out of Service, awaiting calibration.

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 1 of 5)

NOTE This entire attachment is to be treated as Surveillance Requirement implementing actions.

			Date:	6/7/21	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	ZH	N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.1.7[2]	**Vault re-circulation filter plenum (HVP-811) ΔP Vault re-circulation filter plenum (HVP-812) ΔP**	[1]PDI-840-1	≤2.0 & > 0[1] in. wc	.18	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-840-2	≤2.0 & > 0 in[1]. wc	.52	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-840-3	≤2.0 & > 0[1] in. wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
		[1]PDI-841-1	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-841-2	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-841-3	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
	200 area re-circulation filter plenum (HVP-801) ΔP	[1]PDI-831-1	≤2.0 & > 0[1] in. wc	.37	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-831-2	≤2.0 & > 0[1] in. wc	.41	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-831-3	≤2.0 & > 0[1] in. wc	.40	N/A	N/A	N/A	N/A	N/A	N/A
	200 area re-circulation filter plenum (HVP-802) ΔP	[1]PDI-832-1	≤2.0 & > 0[1] in. wc	.62	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-832-2	≤2.0 & > 0[1] in. wc	.68	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-832-3	≤2.0 & > 0[1] in. wc	.60	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**North Bleed off filter plenum (FF-820A) ΔP**	[1]PDI-807-1	≤2.0 & > 0[1] in. wc	.12	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-807-2	≤2.0 & > 0[1] in. wc	.59	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-807-3	≤2.0 & > 0[1] in. wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**North Bleed off filter plenum (FF-820B) ΔP**	[1]PDI-809-1	≤2.0 & > 0[1] in. wc	OFF	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-809-2	≤2.0 & > 0[1] in. wc	OFF	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-809-3	≤2.0 & > 0[1] in. wc	OFF	N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 2 of 5)

			Date:	6/7/21	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	ZDL	N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	**North Basement exhaust filter plenum (FF-828) ΔP**	[1]PDI-829-1	≤2.0 & > 0[1] in. wc	.08	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-829-2	≤2.0 & > 0[1] in. wc	.53	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-829-3	≤2.0 & > 0[1] in. wc	.51	N/A	N/A	N/A	N/A	N/A	N/A
4.1.1.7[2]	**100 area re-circulation filter plenum (HVP-803) ΔP**	[1]PDI-833-1	≤2.0 & > 0[1] in. wc	.09	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-833-2	≤2.0 & > 0[1] in. wc	.52	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-833-3	≤2.0 & > 0[1] in. wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
	100 area re-circulation filter plenum (HVP-804) ΔP	[1]PDI-835-1	≤2.0 & > 0[1] in. wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-835-2	≤2.0 & > 0[1] in. wc	.06	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-835-3	≤2.0 & > 0[1] in. wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**100 area glovebox exhaust filter plenum (FF852) ΔP**	[1]PDI-815-1	≤2.0 & > 0[1] in. wc	.28	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-815-2	≤2.0 & > 0[1] in. wc	.52	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-815-4	≤2.0 & > 0[1] in. wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-815-5	≤2.0 & > 0[1] in. wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**100 area glovebox exhaust filter plenum (FF853) ΔP**	[1]PDI-816-1	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-816-2	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-816-4	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-816-5	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 3 of 5)

			Date:	6/7/21	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	[illegible]	N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF850) ΔP	[1]PDI-812-1	≤2.0 & > 0[1] in. wc	.14	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-812-2	≤2.0 & > 0[1] in. wc	.30	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-812-3	≤2.0 & > 0[1] in. wc	.26	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-812-4	≤2.0 & > 0[1] in. wc	.29	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-812-5	≤2.0 & > 0[1] in. wc	.31	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF851) ΔP	[1]PDI-813-1	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-813-2	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-813-3	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-813-4	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-813-5	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	IFIT exhaust filter plenum (FF-865) ΔP	[1]PDI-865-1	≤2.0 & > 0[1] in. wc	.02	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-865-2	≤2.0 & > 0[1] in. wc	.38	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-865-3	≤2.0 & > 0[1] in. wc	.31	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	IFIT supply filter plenum (HVP-863) ΔP	[1]PDI-863-1	≤2.0 & > 0[1] in. wc	.05	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-863-2	≤2.0 & >0[1] in. wc	.31	N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 4 of 5)

			Date:	6/7/21	6/8/21	6/9/21	6/10/21	6/11/21	6/12/21	6/13/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun
			Initials:	RH	[illegible]	[illegible]	[illegible]	[illegible]	RH	[illegible]
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS**						
4.1.3.4[2]	North Basement supply filter plenum (HVP-840) ΔP	[1]PDI-857-1	≤ 2.0 & > 0[1] in. wc	.11	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-857-2	≤2.0 & > 0[1] in. wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	North corridor supply filter plenum (HVP-809) ΔP	[1]PDI-856-1	≤2.0 & > 0[1] in. wc	.05	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-856-2	≤2.0 & > 0[1] in. wc	.66	N/A	N/A	N/A	N/A	N/A	N/A
[1]NA	**Combustible exclusion area around basement exhaust fans FE828, FE829 and bleed-off fans FE820A, FE820B, FE820C, FE822A, FE822B, FE822C**		**0 lb/ft² combustibles in designated exclusion area (within 15 feet of fans)**	SAT	N/A	N/A	N/A	N/A	N/A	N/A
4.3.2.2[2]	Room 201		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	SAT	SAT	Sat	Sat	SAT	SAT
4.3.2.2[2]	Room 204		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	SAT	SAT	Sat	Sat	SAT	SAT

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 5 of 5)

			Date:	6/7/21	6/8/21	6/9/21	6/10/21	6/11/21	6/12/21	6/13/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	RH	JM	JM	TL		RH	RH
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS**						
4.3.2.2[2]	Room 206		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	SAT	SAT	Sat	Sat	SAT	SAT
4.3.2.2[2]	Room 207		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	SAT	SAT	Sat	Sat	SAT	SAT
			Completion time	0901	0730	0800	0710	0754	0915	0918
			OC Operator Review and Page Count Complete (initials)	BC	BC	M	DH	BC	BC	BC
			OCS Daily Review Sign off (initials)			ATS	ATS			

[1] Non TSR requirement

[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR's 4.1.3.4 and 4.3.2.2 apply during both Mode 1 and Mode 2.

Note: Rooms 201, 206 & 207 **must be** entered for surveillance even if they are red lit, room 204 can be viewed through the window. Notify the Operations Center of any rooms that are unable to be entered for the performance of rounds, Operations Center will make a logbook entry recording the room(s) and reason(s) for non-entry. Document in the comments section any room(s) and reason(s) they were unable to be entered for rounds.

Completed by: RHohnes Date: 6/13/21 Time: 0918 Reviewed by: PRICE Date: 6/13/21 Time: 0929

On-duty Supervisor

Comments: _____

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 1 of 3)

NOTE This entire attachment is to be treated as Surveillance Requirement implementing actions.

Note Gauge readings should be taken on rack #4 in the OC. whenever possible. Document if alternate PDIs are used.		**Date:**	6/14/21		6-15-21		6/16/21		06.17.21		6/18/21		6/19/21		6/20/21	
		Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
		Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
		Initials:	M	DH	a	DH	M	JSL	EC	JSL	M	ARM	M	DH	M	DH
SRs	**Description**	**Gauge Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**													
4.1.1.1 4.1.2.1[2]	**200 area glovebox exhaust header ΔP**	PDI-814-1 or PDI-814-2 ≤-1.5 in. wc[1]	-2.01	-2.01	-2.02	-2.00	-2.01	-2.00	-2.01	-2.01	-2.01	-2.01	-2.01	-2.01	-2.00	-2.00
	100 area glovebox exhaust header ΔP	PDI-820-1 or PDI-820-2 ≤-1.5 in. wc[1]	-1.93	-1.93	-1.93	-1.93	-1.93	-1.93	-1.94	-1.93	-1.93	-1.93	-1.93	-1.93	-1.93	-1.94
	300 area glovebox exhaust header ΔP	PDI-870-1 or PDI-870-2 ≤-1.5 in. wc[1]	-1.97	-1.98	-1.98	-1.97	-1.96	-1.97	-1.97	-1.96	-1.97	-1.98	-1.99	-1.98	-1.97	-1.97
	400 area glovebox exhaust header ΔP	PDI-864-1 or PDI-864-2 ≤-1.5 in. wc[1]	-1.97	-1.97	-1.98	-1.98	-2.00	-1.99	-1.99	-1.96	-1.97	-1.99	-1.99	-1.97	-1.97	-1.96
4.1.1.2 4.1.1.5[3] 4.1.2.2[2]	**200 area laboratory header ΔP**	PDI-803-1 or PDI-803-2 ≤-0.05 in. wc[1]	-.23	-.24	-.23	-.23	-.23	-0.24	-.21	-0.24	-.24	-.24	-.23	-.24	-.23	-.23
	100 area laboratory header ΔP	PDI-802-1 or PDI-802-2 ≤-0.05 in. wc[1]	-.30	-.30	-.30	-.30	-.28	-0.30	-.30	-0.31	-.30	-.29	-.28	-.30	-.29	-.29
	300 area laboratory header ΔP	PDI-853-1 or PDI-853-2 ≤-0.05 in. wc[1]	-.20	-.20	-.20	-.20	-.19	-0.19	-.20	-0.21	-.21	-.20	-.18	-.20	-.20	-.19
	400 area laboratory header ΔP	PDI-852-1 or PDI-852-2 ≤-0.05 in. wc[1]	-.20	-.20	-.19	-.20	-.19	-0.19	-.19	-0.21	-.20	-.19	-.17	-.20	-.20	-.19
	IFIT Facility ΔP	PDI-865-4 or PDI-865-5 ≤-0.05 in. wc	-.15	-.15	-.15	-.15	-.15	-0.16	-.15	-0.15	-.15	-.14	-.15	-.15	-.15	-.15
4.1.1.3 4.1.2.3[2]	**North basement ΔP**	PDI-804-1 or PDI-804-2 < 0.00 in. wc	-.09	-.09	-.09	-.09	-.09	-0.09	-.09	-0.09	-.09	-.09	-.10	-.09	-.09	-.10
	South basement ΔP	PDI-854-1 or PDI-854-2 < 0.00 in. wc	-.09	-.09	-.09	-.09	-.09	-0.09	-.09	-0.10	-.09	-.09	-.10	-.09	-.09	-.10
	IRT Tunnel ΔP	PDT-901 or PDI-901 < 0.00 in. wc	-.096	-.108	-.101	-.103	-.106	-0.102	-.103	-0.099	-.097	-.112	-.110	-.112	-.113	-.110

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 2 of 3)

Note		Date:	6/14/21		6-15-21		6/16/21		06-17-21		6/18/21		6/19/21		6/20/21	
Readings should be taken using FCS screens FMT#151,152,201LD and 202LD. Field verification and local plenum PDI's may be used if FCS is unavailable.		Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
		Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
		Initials:	M	OH	CA	OH	M	JSL	BC	JSL	M	ARJ	M	OH	M	OH
SRs	**Description**	**Readings**	**Acceptance Criteria**	**SURVEILLANCE RESULTS Sat / Unsat (circle one)**												
4.1.1.6	**200 area re-circulation fan/ plenum**	FR-801 Icon red and PDT-831 ΔP >.050 or FR-802 Icon red and PDT-832 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	100 area re-circulation fan/ plenum	FR-803 Icon red and PDT-833 ΔP >.050 or FR-804 Icon red and PDT-835 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	300 area re-circulation fan/ plenum	FR-805 Icon red and PDT-836 ΔP >.050 or FR-806 Icon red and PDT-837 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	400 area re-circulation fan/ plenum	FR-807 Icon red and PDT-838 ΔP >.050 or FR-808 Icon red and PDT-839 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	Vault re-circulation fan/ plenum	FR-811 Icon red and PDT-840 ΔP >.050 or FR-812 Icon red and PDT-841 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 3 of 3)

Note
Gauge readings should be taken on rack #4 in the OC when possible, local PDI equivalents may be used if necessary. Document any alternate PDIs used.

				Date:	6/14/21		6-15-21		6/16/21		06-17-21		6/18/21		6/19/21		6/20/21	
				Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat		Sun	
				Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
				Initials:	M	DH	CL	DH	M	JSL	BC	JSL	M	ARJ	M	DH	M	DH
SRs	**Description**	**Area**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS Sat / Unsat (circle one)**													
4.1.1.4	**Glovebox exhaust header ΔPs < laboratory ΔPs < basement ΔPs for areas 100, 200, 300 and 400**	200 Area	PDI-814-2 PDI-803-2 PDI-804-2	PDI-814-2 < PDI-803-2 < PDI-804-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		100 Area	PDI-820-2 PDI-802-2 PDI-804-2	PDI-820-2 < PDI-802-2 < PDI-804-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		300 Area	PDI-870-2 PDI-853-2 PDI-854-2	PDI-870-2 < PDI-853-2 < PDI-854-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		400 Area	PDI-864-2 PDI-852-2 PDI-854-2	PDI-864-2 < PDI-852-2 < PDI-854-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		Completion Time			0733	1924	0727	1930	0734 ~~1934~~ ARJ 6/18/21	1908 ~~0708~~ ARJ 6/18/21	0718	1910 ~~0710~~ ARJ 6/18/21	0737	1930	0731	1929	0729	1930
		OCS Daily Review Sign off (initials)			[signature]	ARJ	[signature]	ARJ	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	[signature]	ARJ	[signature]	ARJ

[1] Mode 2 acceptance criteria is < 0.00 in. wc.

[2] SRs 4.1.2.x only apply during Mode 2 in accordance with LCO 3.1.2.

[3] SRs 4.1.1.5 is only applicable when MAR is in the IFIT Facility

Completed by: [signature] Date 6/20/21 Time 1930 Reviewed by: [signature] Date: 7/2/21 Time: 1940
On-duty Supervisor

Comments: _____

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 1 of 4)

NOTE This entire attachment is to be treated as Surveillance Requirement implementing actions.

SR 4.4.1.1, The OPERABILITY acceptance criterion for this surveillance is:
The FLAMMABLE GAS detector in the FSTF FLAMMABLE GAS SOURCE storage cabinet is exposed to the ambient atmosphere in the storage cabinet. The gas concentration readout directly on the detector in the storage cabinet is compared with the gas concentration readout on the system control and alarm panel. The difference between the two readings is checked to VERIFY it is in the range of (≥-0.1; ≤0.1).

		Date:	6/14/21	6/15/21	6/16/21	6/17/21	6/18/21	6/19/21	6/20/21
		Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
		Initials:							
	Description / Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (percentage)						
SR 4.4.1.1	**Flammable Gas Channel Check DET-305-3 (LCD Reading)**	NA	005	005	005	005	005	005	005
	CP-305-H (LED Reading)		005	005	005	005	005	005	005
	(DET-305-3) – (CP-305H) (LCD Reading) (LED Reading)	Record Calculated Value	005	005	005	005	005	005	005
		≥ -0.1; ≤+0.1	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005
		Completion Time:	0750	0800	0805	0705	0720	0710	0703

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 2 of 4)

			Date:	6/14/21	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	JM	N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	**South basement supply filter plenum (HVP-841) ΔP**	[1]PDI-894-1	≤2.0 & > 0[1] in. wc	.05	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-894-2	≤2.0 & > 0[1] in. wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**South Corridor supply (HVP-810) ΔP**	[1]PDI-895-1	≤ 2.0 & > 0[1] in. wc	.68	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-895-2	≤2.0 & > 0[1] in. wc	.71	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**300 area glovebox exhaust filter plenum (FF854) ΔP**	[1]PDI-817-1	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-817-2	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-817-4	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-817-5	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**300 area special recovery glovebox exhaust filter plenum (FF858) ΔP**	PDI-81 9-1	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-81 9-3	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-819-4	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**300 area glovebox exhaust filter plenum (FF855) ΔP**	[1]PDI-818-1	≤2.0 & > 0[1] in. wc	.24	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-818-2	≤2.0 & > 0[1] in. wc	.30	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-818-4	≤2.0 & > 0[1] in. wc	.30	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-818-5	≤2.0 & > 0[1] in. wc	.30	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**300 area special recovery glovebox exhaust filter plenum (FF859) ΔP**	PDI-821-1	≤2.0 & > 0[1] in. wc	.43	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-821-3	≤2.0 & > 0[1] in. wc	.45	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-821-4	≤2.0 & > 0[1] in. wc	.41	N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 3 of 4)

			Date:	6/14/24	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	[illegible]	N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	**400 area glovebox exhaust filter plenum (FF856) ΔP**	[1]PDI-822-1	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-822-2	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-822-4	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-822-5	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**400 area glovebox exhaust filter plenum (FF857) ΔP**	[1]PDI-823-1	≤2.0 & > 0[1] in. wc	.07	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-823-2	≤2.0 & > 0[1] in. wc	.53	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-823-4	≤2.0 & > 0[1] in. wc	.49	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-823—5	≤2.0 & > 0[1] in. wc	.60	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**South Basement exhaust filter plenum (FF-829) ΔP**	[1]PDI-830-1	≤2.0 & > 0[1] in. wc	.17	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-830-2	≤2.0 & > 0[1] in. wc	.03	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-830-3	≤2.0 & > 0[1] in. wc	.04	N/A	N/A	N/A	N/A	N/A	N/A
4.1.1.7[2]	**300 area re-circulation filter plenum (HVP-805) ΔP**	[1]PDI-836-1	≤2.0 & > 0[1] in. wc	.07	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-836-2	≤2.0 & > 0[1] in. wc	.67	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-836-3	≤2.0 & > 0[1] in. wc	.67	N/A	N/A	N/A	N/A	N/A	N/A
	300 area re-circulation filter plenum (HVP-806) ΔP	[1]PDI-837-1	≤2.0 & > 0[1] in. wc	.04	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-837-2	≤2.0 & > 0[1] in. wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-837-3	≤2.0 & > 0[1] in. wc	.45	N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 4 of 4)

			Date:	6/4/21	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	MM	N/A	N/A	N/A	N/A	N/A	N/A
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.1.7[2]	400 area re-circulation filter plenum (HVP-807) ΔP	[1]PDI-838-1	≤2.0 & > 0[1] in. wc	.60	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-838-2	≤2.0 & > 0[1] in. wc	.59	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-838-3	≤2.0 & > 0[1] in. wc	.59	N/A	N/A	N/A	N/A	N/A	N/A
	400 area re-circulation filter plenum (HVP-808) ΔP	[1]PDI-839-1	≤2.0 & > 0[1] in. wc	.43	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-839-2	≤2.0 & > 0[1] in. wc	.55	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-839-3	≤2.0 & > 0[1] in. wc	.53	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	South Bleed off filter plenum (FF-822A) ΔP	[1]PDI-810-1	≤2.0 & > 0[1] in. wc	off	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-810-2	≤2.0 & > 0[1] in. wc	off	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-810-3	≤2.0 & > 0[1] in. wc	off	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	South Bleed off filter plenum (FF-822B) ΔP	[1]PDI -811 - 1	≤2.0 & > 0[1] in. wc	.11	N/A	N/A	N/A	N/A	N/A	N/A
		PDI -811 -2	≤2.0 & > 0[1] in. wc	.51	N/A	N/A	N/A	N/A	N/A	N/A
		PDI -811 -3	≤2.0 & > 0[1] in. wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
			Completion Time	0755	0800	0805	0710	0743	0710	0703
OC Operator Review and Page Count Complete (initials)				M	M	M	BK	M	M	M
OCS Daily Review Sign off (initials)				MM	[illegible]	[illegible]	[illegible]	MM	MM	MM

[1] Non TSR requirement
[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR 4.1.3.4 apply during both Mode 1 and Mode 2 as stated in LCO 3.1.3.

Completed by: Jennel M. Date 6/20/21 Time 0703 Reviewed by: _____ Date: 6/20/21 Time: 1000
On-duty Supervisor

Comments 6/4/21 4.1.1 not in use. Waiting for calibration

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 1 of 5)

NOTE This entire attachment is to be treated as Surveillance Requirement implementing actions.

			Date:	6/14/21	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	JM	N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.1.7[2]	**Vault re-circulation filter plenum (HVP-811) ΔP Vault re-circulation filter plenum (IIVP-812) ΔP**	[1]PDI-840-1	≤2.0 & > 0[1] in. wc	.17	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-840-2	≤2.0 & > 0 in[1]. wc	.55	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-840-3	≤2.0 & > 0[1] in. wc	.51	N/A	N/A	N/A	N/A	N/A	N/A
		[1]PDI-841-1	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-841-2	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-841-3	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
	200 area re-circulation filter plenum (HVP-801) ΔP	[1]PDI-831-1	≤2.0 & > 0[1] in. wc	.32	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-831-2	≤2.0 & > 0[1] in. wc	.43	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-831-3	≤2.0 & > 0[1] in. wc	.41	N/A	N/A	N/A	N/A	N/A	N/A
	200 area re-circulation filter plenum (HVP-802) ΔP	[1]PDI-832-1	≤2.0 & > 0[1] in. wc	.63	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-832-2	≤2.0 & > 0[1] in. wc	.68	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-832-3	≤2.0 & > 0[1] in. wc	.61	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**North Bleed off filter plenum (FF-820A) ΔP**	[1]PDI-807-1	≤2.0 & > 0[1] in. wc	.12	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-807-2	≤2.0 & > 0[1] in. wc	.59	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-807-3	≤2.0 & > 0[1] in. wc	.51	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**North Bleed off filter plenum (FF-820B) ΔP**	[1]PDI-809-1	≤2.0 & > 0[1] in. wc	OFF	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-809-2	≤2.0 & > 0[1] in. wc	OFF	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-809-3	≤2.0 & > 0[1] in. wc	OFF	N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 2 of 5)

			Date:	6/14/21	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	JM	N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	**North Basement exhaust filter plenum (FF-828) ΔP**	[1]PDI-829-1	≤2.0 & > 0[1] in. wc	.08	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-829-2	≤2.0 & > 0[1] in. wc	.54	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-829-3	≤2.0 & > 0[1] in. wc	.52	N/A	N/A	N/A	N/A	N/A	N/A
4.1.1.7[2]	**100 area re-circulation filter plenum (HVP-803) ΔP**	[1]PDI-833-1	≤2.0 & > 0[1] in. wc	.08	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-833-2	≤2.0 & > 0[1] in. wc	.58	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-833-3	≤2.0 & > 0[1] in. wc	.37	N/A	N/A	N/A	N/A	N/A	N/A
	100 area re-circulation filter plenum (HVP-804) ΔP	[1]PDI-835-1	≤2.0 & > 0[1] in. wc	.06	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-835-2	≤2.0 & > 0[1] in. wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-835-3	≤2.0 & > 0[1] in. wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**100 area glovebox exhaust filter plenum (FF852) ΔP**	[1]PDI-815-1	≤2.0 & > 0[1] in. wc	.27	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-815-2	≤2.0 & > 0[1] in. wc	.56	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-815-4	≤2.0 & > 0[1] in. wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-815-5	≤2.0 & > 0[1] in. wc	.51	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**100 area glovebox exhaust filter plenum (FF853) ΔP**	[1]PDI-816-1	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-816-2	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-816-4	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-816-5	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 3 of 5)

			Date:	6/4/21	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat	Sun
			Initials:	JM	N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF850) ΔP	[1]PDI-812-1	≤2.0 & > 0[1] in. wc	.13	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-812-2	≤2.0 & > 0[1] in. wc	.30	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-812-3	≤2.0 & > 0[1] in. wc	.30	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-812-4	≤2.0 & > 0[1] in. wc	.29	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-812-5	≤2.0 & > 0[1] in. wc	.31	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF851) ΔP	[1]PDI-813-1	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-813-2	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-813-3	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-813-4	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-813-5	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	IFIT exhaust filter plenum (FF-865) ΔP	[1]PDI-865-1	≤2.0 & > 0[1] in. wc	.02	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-865-2	≤2.0 & > 0[1] in. wc	.38	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-865-3	≤2.0 & > 0[1] in. wc	.32	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	IFIT supply filter plenum (HVP-863) ΔP	[1]PDI-863-1	≤2.0 & > 0[1] in. wc	.04	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-863-2	≤2.0 & >0[1] in. wc	.32	N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 4 of 5)

			Date:	6/14/21	6/15/21	6/16/21	6/17/21	6/18/21	6/19/21	6/20/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:							
SRs	**Description**	**Gauge**	**Acceptance Criteria**	SURVEILLANCE RESULTS						
4.1.3.4[2]	North Basement supply filter plenum (HVP-840) ΔP	[1]PDI-857-1	≤ 2.0 & > 0[1] in. wc	.11	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-857-2	≤2.0 & > 0[1] in. wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	North corridor supply filter plenum (HVP-809) ΔP	[1]PDI-856-1	≤2.0 & > 0[1] in. wc	.06	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-856-2	≤2.0 & > 0[1] in. wc	.68	N/A	N/A	N/A	N/A	N/A	N/A
[1]**NA**	**Combustible exclusion area around basement exhaust fans FE828, FE829 and bleed-off fans FE820A, FE820B, FE820C, FE822A, FE822B, FE822C**		**0 lb/ft² combustibles in designated exclusion area (within 15 feet of fans)**	Sat	N/A	N/A	N/A	N/A	N/A	N/A
4.3.2.2[2]	Room 201		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	Sat	Sat	Sat	Sat	Sat	Sat	Sat
4.3.2.2[2]	Room 204		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	Sat	Sat	Sat	Sat	Sat	Sat	Sat

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 5 of 5)

			Date:	6/14/21	6/15/21	6/16/21	6/17/21	6/18/21	6/19/21	6/20/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:							
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS						
4.3.2.2[2]	Room 206		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	Sat	SAT	SAT	Sat	SAT	SAT
4.3.2.2[2]	Room 207		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	Sat	Sat	SAT	SAT	Sat	SAT	SAT
			Completion time	0740	0800	0830	0800	0743	0815	0825
			OC Operator Review and Page Count Complete (initials)	M	M	M	BM	M	M	M
			OCS Daily Review Sign off (initials)							AMJ

[1] Non TSR requirement

[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR's 4.1.3.4 and 4.3.2.2 apply during both Mode 1 and Mode 2.

Note: Rooms 201, 206 & 207 **must be** entered for surveillance even if they are red lit, room 204 can be viewed through the window. Notify the Operations Center of any rooms that are unable to be entered for the performance of rounds, Operations Center will make a logbook entry recording the room(s) and reason(s) for non-entry. Document in the comments section any room(s) and reason(s) they were unable to be entered for rounds.

Completed by: ~~Sarah M.~~ Date 6/21/21 Time 0825 Reviewed by: _____ Date: 6/20/21 Time: 2100

On-duty Supervisor

Comments: _____

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 1 of 3)

NOTE This entire attachment is to be treated as Surveillance Requirement implementing actions.

Note Gauge readings should be taken on rack #4 in the OC. whenever possible. Document if alternate PDIs are used.		**Date:**	06.21.21		6/22/21		6/23/21		6/24/21		6/25/21		6/26/21		06.27.21	
		Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
		Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
		Initials:	BC	JSL	C	TS	C	JSL	C	TS	C	[illegible]	C	TS	BC	TS
SRs	**Description**	**Gauge Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**													
4.1.1.1 4.1.2.1[2]	**200 area glovebox exhaust header ΔP**	PDI-814-1 or PDI-814-2 ≤-1.5 in. wc[1]	-2.00	-2.00	-2.01	-2.01	-2.00	-2.01	-2.01	-2.01	-2.01	-2.01	-2.01	-2.01	-2.01	-2.01
	100 area glovebox exhaust header ΔP	PDI-820-1 or PDI-820-2 ≤-1.5 in. wc[1]	-1.93	-1.93	-1.93	-1.93	-1.93	-1.94	-1.93	-1.93	-1.93	-1.93	-1.93	-1.93	-1.93	-1.93
	300 area glovebox exhaust header ΔP	PDI-870-1 or PDI-870-2 ≤-1.5 in. wc[1]	-1.95	-1.97	-1.99	-1.95	-1.96	-1.96	-1.97	-1.97	-1.97	-1.95	-1.97	-1.97	-1.96	-1.97
	400 area glovebox exhaust header ΔP	PDI-864-1 or PDI-864-2 ≤-1.5 in. wc[1]	-1.98	-1.97	-1.98	-1.97	-1.98	-1.97	-1.98	-1.99	-1.97	-1.97	-1.98	-1.98	-1.98	-1.98
4.1.1.2 4.1.1.5[3] 4.1.2.2[2]	**200 area laboratory header ΔP**	PDI-803-1 or PDI-803-2 ≤-0.05 in. wc[1]	-.24	-0.24	-.18	-.19	-.19	-0.19	-.23	-.23	-.23	-0.23	-.23	-.24	-.23	-.23
	100 area laboratory header ΔP	PDI-802-1 or PDI-802-2 ≤-0.05 in. wc[1]	-.29	-0.30	-.24	-.25	-.25	-0.25	-.29	-.29	-.29	-0.30	-.29	-.30	-.28	-.29
	300 area laboratory header ΔP	PDI-853-1 or PDI-853-2 ≤-0.05 in. wc[1]	-.20	-0.23	-.19	-.18	-.20	-0.19	-.17	-.19	-.20	-0.20	-.20	-.20	-.20	-.20
	400 area laboratory header ΔP	PDI-852-1 or PDI-852-2 ≤-0.05 in. wc[1]	-.20	-0.22	-.18	-.18	-.20	-0.19	-.17	-.17	-.20	-0.20	-.19	-.20	-.19	-.19
	IFIT Facility ΔP	PDI-865-4 or PDI-865-5 ≤-0.05 in. wc	-.15	-0.15	-.15	-.15	-.15	-0.15	-.15	-.15	-.15	-0.15	-.14	-.15	-.14	-.15
4.1.1.3 4.1.2.3[2]	**North basement ΔP**	PDI-804-1 or PDI-804-2 < 0.00 in. wc	-.09	-0.09	-.09	-.09	-.09	-0.10	-.09	-.09	-.09	-0.09	-.09	-.08	-.09	-.09
	South basement ΔP	PDI-854-1 or PDI-854-2 < 0.00 in. wc	-.09	-0.10	-.09	-.09	-.09	-0.09	-.09	-.09	-.09	-0.08	-.09	-.08	-.09	-.09
	IRT Tunnel ΔP	PDT-901 or PDI-901 < 0.00 in. wc	-.101	-0.098	-.104	-.107	-.112	-0.105	-.105	-.105	-.103	-0.097	-.106	-.096	-.112	-.110

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 2 of 3)

Note: Readings should be taken using FCS screens FMT#151,152,201LD and 202LD. Field verification and local plenum PDI's may be used if FCS is unavailable.																	
		Date:	06-21-21		6/22/21		6/23/21		6/24/21		6/25/21		6/26/21		06-27-21	
		Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
		Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
		Initials:	BC	JSL	[illegible]	TS	[illegible]	JSL	[illegible]	TS	[illegible]	[illegible]	[illegible]	TS	BC	TS
SRs	**Description**	**Readings**	**Acceptance Criteria**	**SURVEILLANCE RESULTS Sat / Unsat (circle one)**													
4.1.1.6	**200 area re-circulation fan/ plenum**	FR-801 Icon red and PDT-831 ΔP >.050 or FR-802 Icon red and PDT-832 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	100 area re-circulation fan/ plenum	FR-803 Icon red and PDT-833 ΔP >.050 or FR-804 Icon red and PDT-835 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	300 area re-circulation fan/ plenum	FR-805 Icon red and PDT-836 ΔP >.050 or FR-806 Icon red and PDT-837 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	400 area re-circulation fan/ plenum	FR-807 Icon red and PDT-838 ΔP >.050 or FR-808 Icon red and PDT-839 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	Vault re-circulation fan/ plenum	FR-811 Icon red and PDT-840 ΔP >.050 or FR-812 Icon red and PDT-841 ΔP >.050	At least one fan/plenum is in service	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 3 of 3)

Note				Date:	06-21-21		6/22/21		6/23/21		6/24/21		6/25/21		6/26/21		06-27-21	
Gauge readings should be taken on rack #4 in the OC when possible, local PDI equivalents may be used if necessary. Document any alternate PDIs used.				Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
				Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
				Initials:	BC	JSL	L	TS	L	JSL	L	TS	L	[illegible]	L	TS	BC	TS
SRs	**Description**	**Area**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS Sat / Unsat (circle one)**													
4.1.1.4	**Glovebox exhaust header ΔPs < laboratory ΔPs < basement ΔPs for areas 100, 200, 300 and 400**	200 Area	PDI-814-2 PDI-803-2 PDI-804-2	PDI-814-2 < PDI-803-2 < PDI-804-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		100 Area	PDI-820-2 PDI-802-2 PDI-804-2	PDI-820-2 < PDI-802-2 < PDI-804-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		300 Area	PDI-870-2 PDI-853-2 PDI-854-2	PDI-870-2 < PDI-853-2 < PDI-854-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		400 Area	PDI-864-2 PDI-852-2 PDI-854-2	PDI-864-2 < PDI-852-2 < PDI-854-2	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		Completion Time			0717	1911	0715	1920	0740	6-23-21 0718 1918	0714	1909	0714	1910	0710	1910	0722	1915
		OCS Daily Review Sign off (initials)			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	AM	[illegible]	AM	AM	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[1] Mode 2 acceptance criteria is < 0.00 in. wc.

[2] SRs 4.1.2.x only apply during Mode 2 in accordance with LCO 3.1.2.

[3] SRs 4.1.1.5 is only applicable when MAR is in the IFIT Facility

Completed by: TS Date 6-27-21 Time 1915 Reviewed by: [signature] Date: 6/27/21 Time: 2014
On-duty Supervisor

Comments: _____

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 1 of 4)

NOTE This entire attachment is to be treated as Surveillance Requirement implementing actions.

SR 4.4.1.1, The OPERABILITY acceptance criterion for this surveillance is:
The FLAMMABLE GAS detector in the FSTF FLAMMABLE GAS SOURCE storage cabinet is exposed to the ambient atmosphere in the storage cabinet. The gas concentration readout directly on the detector in the storage cabinet is compared with the gas concentration readout on the system control and alarm panel. The difference between the two readings is checked to VERIFY it is in the range of (≥-0.1; ≤0.1).

		Date:	6/21/21	6/22/21	6/23/21	6/24/21	6/25/21	6/26/21	6/27/21
		Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
		Initials:	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SR 4.4.1.1	Description / Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (percentage)						
	Flammable Gas Channel Check DET-305-3 (LCD Reading)	NA	005	005	005	005	005	005	005 ~~005~~ RK 6/27/21 1849Z
	CP-305-H (LED Reading)	NA	005	005	005	005	005	005	005
	(DET-305-3) – (CP-305H) (LCD Reading) (LED Reading)	Record Calculated Value	005	005	005	005	005	005	005
		≥ -0.1; ≤+0.1	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005
		Completion Time:	0850	0710	0725	0710	0701	0722	0715

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 2 of 4)

			Date:	6/21/21	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	JM	N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	**South basement supply filter plenum (HVP-841) ΔP**	[1]PDI-894-1	≤2.0 & > 0[1] in. wc	.04	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-894-2	≤2.0 & > 0[1] in. wc	.51	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**South Corridor supply (HVP-810) ΔP**	[1]PDI-895-1	≤ 2.0 & > 0[1] in. wc	.09	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-895-2	≤2.0 & > 0[1] in. wc	.71	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**300 area glovebox exhaust filter plenum (FF854) ΔP**	[1]PDI-817-1	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-817-2	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-817-4	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-817-5	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**300 area special recovery glovebox exhaust filter plenum (FF858) ΔP**	PDI-81 9-1	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-81 9-3	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-819-4	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**300 area glovebox exhaust filter plenum (FF855) ΔP**	[1]PDI-818-1	≤2.0 & > 0[1] in. wc	.25	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-818-2	≤2.0 & > 0[1] in. wc	.30	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-818-4	≤2.0 & > 0[1] in. wc	.30	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-818-5	≤2.0 & > 0[1] in. wc	.30	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**300 area special recovery glovebox exhaust filter plenum (FF859) ΔP**	PDI-821-1	≤2.0 & > 0[1] in. wc	.43	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-821-3	≤2.0 & > 0[1] in. wc	.45	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-821-4	≤2.0 & > 0[1] in. wc	.41	N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 3 of 4)

			Date:	6/21/21	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	JM	N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	**400 area glovebox exhaust filter plenum (FF856) ΔP**	[1]PDI-822-1	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-822-2	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-822-4	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-822-5	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**400 area glovebox exhaust filter plenum (FF857) ΔP**	[1]PDI-823-1	≤2.0 & > 0[1] in. wc	.08	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-823-2	≤2.0 & > 0[1] in. wc	.55	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-823-4	≤2.0 & > 0[1] in. wc	.49	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-823—5	≤2.0 & > 0[1] in. wc	.61	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**South Basement exhaust filter plenum (FF-829) ΔP**	[1]PDI-830-1	≤2.0 & > 0[1] in. wc	.16	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-830-2	≤2.0 & > 0[1] in. wc	.05	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-830-3	≤2.0 & > 0[1] in. wc	.10	N/A	N/A	N/A	N/A	N/A	N/A
4.1.1.7[2]	**300 area re-circulation filter plenum (HVP-805) ΔP**	[1]PDI-836-1	≤2.0 & > 0[1] in. wc	.07	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-836-2	≤2.0 & > 0[1] in. wc	.66	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-836-3	≤2.0 & > 0[1] in. wc	.67	N/A	N/A	N/A	N/A	N/A	N/A
	300 area re-circulation filter plenum (HVP-806) ΔP	[1]PDI-837-1	≤2.0 & > 0[1] in. wc	.05	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-837-2	≤2.0 & > 0[1] in. wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-837-3	≤2.0 & > 0[1] in. wc	.44	N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 4 of 4)

			Date:	6/21/21	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	[illegible]	N/A	N/A	N/A	N/A	N/A	N/A
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.1.7[2]	400 area re-circulation filter plenum (HVP-807) ΔP	[1]PDI-838-1	≤2.0 & > 0[1] in. wc	.60	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-838-2	≤2.0 & > 0[1] in. wc	.59	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-838-3	≤2.0 & > 0[1] in. wc	.59	N/A	N/A	N/A	N/A	N/A	N/A
	400 area re-circulation filter plenum (HVP-808) ΔP	[1]PDI-839-1	≤2.0 & > 0[1] in. wc	.43	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-839-2	≤2.0 & > 0[1] in. wc	.55	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-839-3	≤2.0 & > 0[1] in. wc	.53	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	South Bleed off filter plenum (FF-822A) ΔP	[1]PDI-810-1	≤2.0 & > 0[1] in. wc	off	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-810-2	≤2.0 & > 0[1] in. wc	off	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-810-3	≤2.0 & > 0[1] in. wc	off	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	South Bleed off filter plenum (FF-822B) ΔP	[1]PDI -811 - 1	≤2.0 & > 0[1] in. wc	.10	N/A	N/A	N/A	N/A	N/A	N/A
		PDI -811 -2	≤2.0 & > 0[1] in. wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
		PDI -811 -3	≤2.0 & > 0[1] in. wc	.49	N/A	N/A	N/A	N/A	N/A	N/A
			Completion Time	0850	0710	0725	0725	0705	0801	0739
OC Operator Review and Page Count Complete (initials)				BC	[illegible]	[illegible]	[illegible]	[illegible] BC	BC	BC
OCS Daily Review Sign off (initials)				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[1] Non TSR requirement
[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR 4.1.3.4 apply during both Mode 1 and Mode 2 as stated in LCO 3.1.3.

Completed by [illegible] Date 6/27/21 Time 0739 Reviewed by: [illegible] Date: 6/27/21 Time: 0806
On-duty Supervisor

Comments 6/21/21 4.4.1.1 Not in use. Waiting for calibration

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 1 of 5)

NOTE This entire attachment is to be treated as Surveillance Requirement implementing actions.

			Date:	6/21/21	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	JM	N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.1.7[2]	**Vault re-circulation filter plenum (HVP-811) ΔP Vault re-circulation filter plenum (HVP-812) ΔP**	[1]PDI-840-1	≤2.0 & > 0[1] in. wc	.17	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-840-2	≤2.0 & > 0 in[1]. wc	.54	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-840-3	≤2.0 & > 0[1] in. wc	.51	N/A	N/A	N/A	N/A	N/A	N/A
		[1]PDI-841-1	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-841-2	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-841-3	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
	200 area re-circulation filter plenum (HVP-801) ΔP	[1]PDI-831-1	≤2.0 & > 0[1] in. wc	.37	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-831-2	≤2.0 & > 0[1] in. wc	.45	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-831-3	≤2.0 & > 0[1] in. wc	.41	N/A	N/A	N/A	N/A	N/A	N/A
	200 area re-circulation filter plenum (HVP-802) ΔP	[1]PDI-832-1	≤2.0 & > 0[1] in. wc	.63	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-832-2	≤2.0 & > 0[1] in. wc	.68	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-832-3	≤2.0 & > 0[1] in. wc	.61	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**North Bleed off filter plenum (FF-820A) ΔP**	[1]PDI-807-1	≤2.0 & > 0[1] in. wc	.13	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-807-2	≤2.0 & > 0[1] in. wc	.60	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-807-3	≤2.0 & > 0[1] in. wc	.51	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**North Bleed off filter plenum (FF-820B) ΔP**	[1]PDI-809-1	≤2.0 & > 0[1] in. wc	off	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-809-2	≤2.0 & > 0[1] in. wc	off	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-809-3	≤2.0 & > 0[1] in. wc	off	N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 2 of 5)

			Date:	6/21/21	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun
			Initials:	JM	N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	**North Basement exhaust filter plenum (FF-828) ΔP**	[1]PDI-829-1	≤2.0 & > 0[1] in. wc	.08	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-829-2	≤2.0 & > 0[1] in. wc	.54	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-829-3	≤2.0 & > 0[1] in. wc	.51	N/A	N/A	N/A	N/A	N/A	N/A
4.1.1.7[2]	**100 area re-circulation filter plenum (HVP-803) ΔP**	[1]PDI-833-1	≤2.0 & > 0[1] in. wc	.08	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-833-2	≤2.0 & > 0[1] in. wc	.58	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-833-3	≤2.0 & > 0[1] in. wc	.37	N/A	N/A	N/A	N/A	N/A	N/A
	100 area re-circulation filter plenum (HVP-804) ΔP	[1]PDI-835-1	≤2.0 & > 0[1] in. wc	.06	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-835-2	≤2.0 & > 0[1] in. wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-835-3	≤2.0 & > 0[1] in. wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**100 area glovebox exhaust filter plenum (FF852) ΔP**	[1]PDI-815-1	≤2.0 & > 0[1] in. wc	.27	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-815-2	≤2.0 & > 0[1] in. wc	.57	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-815-4	≤2.0 & > 0[1] in. wc	.49	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-815-5	≤2.0 & > 0[1] in. wc	.51	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**100 area glovebox exhaust filter plenum (FF853) ΔP**	[1]PDI-816-1	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-816-2	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-816-4	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-816-5	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 3 of 5)

			Date:	6/21/21	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	JM	N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF850) ΔP	[1]PDI-812-1	≤2.0 & > 0[1] in. wc	.13	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-812-2	≤2.0 & > 0[1] in. wc	.30	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-812-3	≤2.0 & > 0[1] in. wc	.30	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-812-4	≤2.0 & > 0[1] in. wc	.28	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-812-5	≤2.0 & > 0[1] in. wc	.32	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF851) ΔP	[1]PDI-813-1	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-813-2	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-813-3	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-813-4	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-813-5	≤2.0 & > 0[1] in. wc	STBY	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	IFIT exhaust filter plenum (FF-865) ΔP	[1]PDI-865-1	≤2.0 & > 0[1] in. wc	.02	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-865-2	≤2.0 & > 0[1] in. wc	.39	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-865-3	≤2.0 & > 0[1] in. wc	.34	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	IFIT supply filter plenum (HVP-863) ΔP	[1]PDI-863-1	≤2.0 & > 0[1] in. wc	.04	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-863-2	≤2.0 & >0[1] in. wc	.33	N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 4 of 5)

			Date:	6/21/21	6/22/21	6/23/21	6/24/21	6/25/21	6/26/21	6/27/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	JM	JM	JM	JM	JM	RM	RM
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS**						
4.1.3.4[2]	North Basement supply filter plenum (HVP-840) ΔP	[1]PDI-857-1	≤ 2.0 & > 0[1] in. wc	.13	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-857-2	≤2.0 & > 0[1] in. wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	North corridor supply filter plenum (HVP-809) ΔP	[1]PDI-856-1	≤2.0 & > 0[1] in. wc	.06	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-856-2	≤2.0 & > 0[1] in. wc	.68	N/A	N/A	N/A	N/A	N/A	N/A
[1]NA	**Combustible exclusion area around basement exhaust fans FE828, FE829 and bleed-off fans FE820A, FE820B, FE820C, FE822A, FE822B, FE822C**		**0 lb/ft² combustibles in designated exclusion area (within 15 feet of fans)**	SAT	N/A	N/A	N/A	N/A	N/A	N/A
4.3.2.2[2]	Room 201		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	SAT	SAT	SAT	SAT	SAT	SAT
4.3.2.2[2]	Room 204		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	SAT	SAT	SAT	SAT	SAT	SAT

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 5 of 5)

			Date:	6/21/21	6/22/21	6/23/21	6/24/21	6/25/21	6/26/21	6/27/21
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:							
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS**						
4.3.2.2[2]	Room 206		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	SAT	SAT	SAT	SAT	SAT	SAT
4.3.2.2[2]	Room 207		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	SAT	SAT	SAT	SAT	SAT	SAT	SAT
			Completion time	0820	0800	0850	0740	0728	0731	0735
			OC Operator Review and Page Count Complete (initials)	BC	"	"	"	"	BC	BC
			OCS Daily Review Sign off (initials)	"	"	"	"	"	"	"

[1] Non TSR requirement

[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR's 4.1.3.4 and 4.3.2.2 apply during both Mode 1 and Mode 2.

Note: Rooms 201, 206 & 207 **must be** entered for surveillance even if they are red lit, room 204 can be viewed through the window. Notify the Operations Center of any rooms that are unable to be entered for the performance of rounds, Operations Center will make a logbook entry recording the room(s) and reason(s) for non-entry. Document in the comments section any room(s) and reason(s) they were unable to be entered for rounds.

Completed by: E. Martinez Date 6/27/21 Time 0735 Reviewed by: PRICE Date: 6/27/21 Time: 0806

On-duty Supervisor

Comments: _____

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 1 of 3)

NOTE This entire attachment is to be treated as Surveillance Requirement implementing actions.

Note Gauge readings should be taken on rack #4 in the OC. whenever possible. Document if alternate PDIs are used.		**Date:**	6/28/21		6/29/21		6/30/21									
		Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
		Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
		Initials:	DH	M	DH	M	C									
SRs	**Description**	**Gauge Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**													
4.1.1.1 4.1.2.1[2]	**200 area glovebox exhaust header ΔP**	PDI-814-1 or PDI-814-2 ≤-1.5 in. wc[1]	-2.00	-2.00	-2.00	-2.00	-2.01	-1.99								
	100 area glovebox exhaust header ΔP	PDI-820-1 or PDI-820-2 ≤-1.5 in. wc[1]	-1.93	-1.93	-1.93	-1.93	-1.93	-1.93								
	300 area glovebox exhaust header ΔP	PDI-870-1 or PDI-870-2 ≤-1.5 in. wc[1]	-1.97	-1.97	-1.97	-1.95	-1.97	-1.96								
	400 area glovebox exhaust header ΔP	PDI-864-1 or PDI-864-2 ≤-1.5 in. wc[1]	-1.96	-1.98	-1.98	-1.98	-1.99	-1.97								
4.1.1.2 4.1.1.5[3] 4.1.2.2[2]	**200 area laboratory header ΔP**	PDI-803-1 or PDI-803-2 ≤-0.05 in. wc[1]	-.23	-.21	-.23	-.23	-.23	-0.24								
	100 area laboratory header ΔP	PDI-802-1 or PDI-802-2 ≤-0.05 in. wc[1]	-.29	-.28	-.28	-.29	-.28	-0.29								
	300 area laboratory header ΔP	PDI-853-1 or PDI-853-2 ≤-0.05 in. wc[1]	-.20	-.18	-.20	-.22	-.20	-0.20								
	400 area laboratory header ΔP	PDI-852-1 or PDI-852-2 ≤-0.05 in. wc[1]	-.20	-.19	-.19	-.21	-.19	-0.19								
	IFIT Facility ΔP	PDI-865-4 or PDI-865-5 ≤-0.05 in. wc	-.15	-.15	-.15	-.15	-.15	-0.15								
4.1.1.3 4.1.2.3[2]	**North basement ΔP**	PDI-804-1 or PDI-804-2 < 0.00 in. wc	-.09	-.10	-.09	-.09	-.10	-0.10								
	South basement ΔP	PDI-854-1 or PDI-854-2 < 0.00 in. wc	-.09	-.09	-.09	-.09	-.09	-0.09								
	IRT Tunnel ΔP	PDT-901 or PDI-901 < 0.00 in. wc	-.103	-.114	-.099	-.107	-.097	-0.106								

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 2 of 3)

Note		Date:	6/28/21		6/29/21		6/30/21									
Readings should be taken using FCS screens FMT#151,152,201LD and 202LD. Field verification and local plenum PDI's may be used if FCS is unavailable.		Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
		Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
		Initials:	DH	M	DH	M	C	JSC								
SRs	**Description**	**Readings**	**Acceptance Criteria**	**SURVEILLANCE RESULTS Sat / Unsat (circle one)**												
4.1.1.6	**200 area re-circulation fan/ plenum**	FR-801 Icon red and PDT-831 ΔP >.050 or FR-802 Icon red and PDT-832 ΔP >.050	At least one fan/plenum is in service	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	100 area re-circulation fan/ plenum	FR-803 Icon red and PDT-833 ΔP >.050 or FR-804 Icon red and PDT-835 ΔP >.050	At least one fan/plenum is in service	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	300 area re-circulation fan/ plenum	FR-805 Icon red and PDT-836 ΔP >.050 or FR-806 Icon red and PDT-837 ΔP >.050	At least one fan/plenum is in service	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	400 area re-circulation fan/ plenum	FR-807 Icon red and PDT-838 ΔP >.050 or FR-808 Icon red and PDT-839 ΔP >.050	At least one fan/plenum is in service	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
	Vault re-circulation fan/ plenum	FR-811 Icon red and PDT-840 ΔP >.050 or FR-812 Icon red and PDT-841 ΔP >.050	At least one fan/plenum is in service	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat

Attachment A, Per Shift Surveillance Rounds [UET]

(Page 3 of 3)

Note
Gauge readings should be taken on rack #4 in the OC when possible, local PDI equivalents may be used if necessary. Document any alternate PDIs used.

Date:	6/28/21		6/29/21		6/30/21												
Weekday:	Mon.		Tue.		Wed.		Thu.		Fri.		Sat.		Sun.				
Shift:	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	
Initials:	DH	M	DH	M	C	JSL											

SRs	Description	Area	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS Sat / Unsat (circle one)													
4.1.1.4	**Glovebox exhaust header ΔPs < laboratory ΔPs < basement ΔPs for areas 100, 200, 300 and 400**	200 Area	PDI-814-2 PDI-803-2 PDI-804-2	PDI-814-2 < PDI-803-2 < PDI-804-2	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		100 Area	PDI-820-2 PDI-802-2 PDI-804-2	PDI-820-2 < PDI-802-2 < PDI-804-2	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		300 Area	PDI-870-2 PDI-853-2 PDI-854-2	PDI-870-2 < PDI-853-2 < PDI-854-2	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		400 Area	PDI-864-2 PDI-852-2 PDI-854-2	PDI-864-2 < PDI-852-2 < PDI-854-2	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat
		Completion Time			0732	1930	0728	1925	0721	1910								
		OCS Daily Review Sign off (initials)			AM				BC									

[1] Mode 2 acceptance criteria is < 0.00 in. wc.

[2] SRs 4.1.2.x only apply during Mode 2 in accordance with LCO 3.1.2.

[3] SRs 4.1.1.5 is only applicable when MAR is in the IFIT Facility

Completed by: JSL Date 6-30-21 Time 1910 Reviewed by: _____ Date: 6/30/21 Time: 1956
On-duty Supervisor

Comments: _____

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 1 of 4)

NOTE This entire attachment is to be treated as Surveillance Requirement implementing actions.

SR 4.4.1.1, The OPERABILITY acceptance criterion for this surveillance is:
The FLAMMABLE GAS detector in the FSTF FLAMMABLE GAS SOURCE storage cabinet is exposed to the ambient atmosphere in the storage cabinet. The gas concentration readout directly on the detector in the storage cabinet is compared with the gas concentration readout on the system control and alarm panel. The difference between the two readings is checked to VERIFY it is in the range of (≥-0.1; ≤0.1).

		Date:	06/28/21	6/29/21	6/30/21				
		Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
		Initials:	MMI	[illegible]	[illegible]				
SR 4.4.1.1	**Description / Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (percentage)**						
	Flammable Gas Channel Check DET-305-3 (LCD Reading)	NA	005	005	005				
	CP-305-H (LED Reading)		005	005	005				
	(DET-305-3) – (CP-305H) (LCD Reading) (LED Reading)	Record Calculated Value	005	005	005				
		≥ -0.1; ≤+0.1	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat 005	Sat / Unsat	Sat / Unsat	Sat / Unsat	Sat / Unsat
		Completion Time:	0745	0725	0737				

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 2 of 4)

			Date:	06/28/21	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	mjt	N/A	N/A	N/A	N/A	N/A	N/A
SRs	Description	Gauge	Acceptance Criteria	SURVEILLANCE RESULTS (in. wc)						
4.1.3.4[2]	South basement supply filter plenum (HVP-841) ΔP	[1]PDI-894-1	≤2.0 & > 0[1] in. wc	.65	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-894-2	≤2.0 & > 0[1] in. wc	.49	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	South Corridor supply (HVP-810) ΔP	[1]PDI-895-1	≤ 2.0 & > 0[1] in. wc	.07	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-895-2	≤2.0 & > 0[1] in. wc	.72	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	300 area glovebox exhaust filter plenum (FF854) ΔP	[1]PDI-817-1	≤2.0 & > 0[1] in. wc	Stby	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-817-2	≤2.0 & > 0[1] in. wc	Stby	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-817-4	≤2.0 & > 0[1] in. wc	Stby	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-817-5	≤2.0 & > 0[1] in. wc	Stby	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	300 area special recovery glovebox exhaust filter plenum (FF858) ΔP	PDI-81 9-1	≤2.0 & > 0[1] in. wc	Stby	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-81 9-3	≤2.0 & > 0[1] in. wc	Stby	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-819-4	≤2.0 & > 0[1] in. wc	Stby	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	300 area glovebox exhaust filter plenum (FF855) ΔP	[1]PDI-818-1	≤2.0 & > 0[1] in. wc	.25	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-818-2	≤2.0 & > 0[1] in. wc	.29	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-818-4	≤2.0 & > 0[1] in. wc	31	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-818-5	≤2.0 & > 0[1] in. wc	30	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	300 area special recovery glovebox exhaust filter plenum (FF859) ΔP	PDI-821-1	≤2.0 & > 0[1] in. wc	.43	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-821-3	≤2.0 & > 0[1] in. wc	.45	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-821-4	≤2.0 & > 0[1] in. wc	.42	N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 3 of 4)

			Date:	06/28/21	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	WS	N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	**400 area glovebox exhaust filter plenum (FF856) ΔP**	[1]PDI-822-1	≤2.0 & > 0[1] in. wc	Stby	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-822-2	≤2.0 & > 0[1] in. wc	Stby	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-822-4	≤2.0 & > 0[1] in. wc	Stby	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-822-5	≤2.0 & > 0[1] in. wc	Stby	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**400 area glovebox exhaust filter plenum (FF857) ΔP**	[1]PDI-823-1	≤2.0 & > 0[1] in. wc	.06	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-823-2	≤2.0 & > 0[1] in. wc	.53	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-823-4	≤2.0 & > 0[1] in. wc	.45	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-823—5	≤2.0 & > 0[1] in. wc	.60	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**South Basement exhaust filter plenum (FF-829) ΔP**	[1]PDI-830-1	≤2.0 & > 0[1] in. wc	.20	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-830-2	≤2.0 & > 0[1] in. wc	.05	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-830-3	≤2.0 & > 0[1] in. wc	.10	N/A	N/A	N/A	N/A	N/A	N/A
4.1.1.7[2]	**300 area re-circulation filter plenum (HVP-805) ΔP**	[1]PDI-836-1	≤2.0 & > 0[1] in. wc	.07	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-836-2	≤2.0 & > 0[1] in. wc	.65	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-836-3	≤2.0 & > 0[1] in. wc	.65	N/A	N/A	N/A	N/A	N/A	N/A
	300 area re-circulation filter plenum (HVP-806) ΔP	[1]PDI-837-1	≤2.0 & > 0[1] in. wc	.04	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-837-2	≤2.0 & > 0[1] in. wc	.49	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-837-3	≤2.0 & > 0[1] in. wc	.45	N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-1, Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 4 of 4)

			Date:	06/28/21	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	MM	N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.1.7[2]	**400 area re-circulation filter plenum (HVP-807) ΔP**	[1]PDI-838-1	≤2.0 & > 0[1] in. wc	.61	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-838-2	≤2.0 & > 0[1] in. wc	.59	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-838-3	≤2.0 & > 0[1] in. wc	.59	N/A	N/A	N/A	N/A	N/A	N/A
	400 area re-circulation filter plenum (HVP-808) ΔP	[1]PDI-839-1	≤2.0 & > 0[1] in. wc	.43	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-839-2	≤2.0 & > 0[1] in. wc	.52	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-839-3	≤2.0 & > 0[1] in. wc	.52	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**South Bleed off filter plenum (FF-822A) ΔP**	[1]PDI-810-1	≤2.0 & > 0[1] in. wc	.14	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-810-2	≤2.0 & > 0[1] in. wc	.86	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-810-3	≤2.0 & > 0[1] in. wc	.48	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**South Bleed off filter plenum (FF-822B) ΔP**	[1]PDI -811 - 1	≤2.0 & > 0[1] in. wc	off	N/A	N/A	N/A	N/A	N/A	N/A
		PDI -811 -2	≤2.0 & > 0[1] in. wc	off	N/A	N/A	N/A	N/A	N/A	N/A
		PDI -811 -3	≤2.0 & > 0[1] in. wc	off	N/A	N/A	N/A	N/A	N/A	N/A
			Completion Time	0838	0836	0742				
OC Operator Review and Page Count Complete (initials)				DH	DH	C				
OCS Daily Review Sign off (initials)				ATJ	ATJ	BC				

[1] Non TSR requirement
[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR 4.1.3.4 apply during both Mode 1 and Mode 2 as stated in LCO 3.1.3.

Completed ~~By:~~ [signature] Date 6/30/21 Time 0742 Reviewed by: [signature] Date: 6/30/21 Time: 1918
On-duty Supervisor

Comments _____

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 1 of 5)

NOTE This entire attachment is to be treated as Surveillance Requirement implementing actions.

			Date:	06/28/21	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	[illegible]	N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.1.7[2]	**Vault re-circulation filter plenum (HVP-811) ΔP Vault re-circulation filter plenum (HVP-812) ΔP**	[1]PDI-840-1	≤2.0 & > 0[1] in. wc	.17	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-840-2	≤2.0 & > 0 in[1]. wc	.54	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-840-3	≤2.0 & > 0[1] in. wc	.51	N/A	N/A	N/A	N/A	N/A	N/A
		[1]PDI-841-1	≤2.0 & > 0[1] in. wc	.48	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-841-2	≤2.0 & > 0[1] in. wc	.48	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-841-3	≤2.0 & > 0[1] in. wc	.48	N/A	N/A	N/A	N/A	N/A	N/A
	200 area re-circulation filter plenum (HVP-801) ΔP	[1]PDI-831-1	≤2.0 & > 0[1] in. wc	.47 .39 mw 6/29/21	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-831-2	≤2.0 & > 0[1] in. wc	.42	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-831-3	≤2.0 & > 0[1] in. wc	.36	N/A	N/A	N/A	N/A	N/A	N/A
	200 area re-circulation filter plenum (HVP-802) ΔP	[1]PDI-832-1	≤2.0 & > 0[1] in. wc	.64 .61 mw 6/29/21	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-832-2	≤2.0 & > 0[1] in. wc	.65	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-832-3	≤2.0 & > 0[1] in. wc	.61	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**North Bleed off filter plenum (FF-820A) ΔP**	[1]PDI-807-1	≤2.0 & > 0[1] in. wc	.12	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-807-2	≤2.0 & > 0[1] in. wc	.59	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-807-3	≤2.0 & > 0[1] in. wc	.51	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**North Bleed off filter plenum (FF-820B) ΔP**	[1]PDI-809-1	≤2.0 & > 0[1] in. wc	.05	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-809-2	≤2.0 & > 0[1] in. wc	.05	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-809-3	≤2.0 & > 0[1] in. wc	.05	N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 2 of 5)

			Date:	06/28/21	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	[illegible]	N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	**North Basement exhaust filter plenum (FF-828) ΔP**	[1]PDI-829-1	≤2.0 & > 0[1] in. wc	.01	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-829-2	≤2.0 & > 0[1] in. wc	.53	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-829-3	≤2.0 & > 0[1] in. wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
4.1.1.7[2]	**100 area re-circulation filter plenum (HVP-803) ΔP**	[1]PDI-833-1	≤2.0 & > 0[1] in. wc	.09 ~~.25~~ [illegible]	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-833-2	≤2.0 & > 0[1] in. wc	.53	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-833-3	≤2.0 & > 0[1] in. wc	.36	N/A	N/A	N/A	N/A	N/A	N/A
	100 area re-circulation filter plenum (HVP-804) ΔP	[1]PDI-835-1	≤2.0 & > 0[1] in. wc	.06	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-835-2	≤2.0 & > 0[1] in. wc	.50	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-835-3	≤2.0 & > 0[1] in. wc	.30	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**100 area glovebox exhaust filter plenum (FF852) ΔP**	[1]PDI-815-1	≤2.0 & > 0[1] in. wc	.25	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-815-2	≤2.0 & > 0[1] in. wc	.53	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-815-4	≤2.0 & > 0[1] in. wc	.49	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-815-5	≤2.0 & > 0[1] in. wc	.52	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	**100 area glovebox exhaust filter plenum (FF853) ΔP**	[1]PDI-816-1	≤2.0 & > 0[1] in. wc	stby	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-816-2	≤2.0 & > 0[1] in. wc	stby	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-816-4	≤2.0 & > 0[1] in. wc	stby	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-816-5	≤2.0 & > 0[1] in. wc	stby	N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 3 of 5)

			Date:	06/28/21	N/A	N/A	N/A	N/A	N/A	N/A
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	[illegible]	N/A	N/A	N/A	N/A	N/A	N/A
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS (in. wc)**						
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF850) ΔP	[1]PDI-812-1	≤2.0 & > 0[1] in. wc	.12	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-812-2	≤2.0 & > 0[1] in. wc	.30	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-812-3	≤2.0 & > 0[1] in. wc	.27	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-812-4	≤2.0 & > 0[1] in. wc	.29	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-812-5	≤2.0 & > 0[1] in. wc	.33	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	200 area glovebox exhaust filter plenum (FF851) ΔP	[1]PDI-813-1	≤2.0 & > 0[1] in. wc	[illegible]	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-813-2	≤2.0 & > 0[1] in. wc	[illegible]	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-813-3	≤2.0 & > 0[1] in. wc	[illegible]	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-813-4	≤2.0 & > 0[1] in. wc	[illegible]	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-813-5	≤2.0 & > 0[1] in. wc	[illegible]	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	IFIT exhaust filter plenum (FF-865) ΔP	[1]PDI-865-1	≤2.0 & > 0[1] in. wc	.01	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-865-2	≤2.0 & > 0[1] in. wc	.35	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-865-3	≤2.0 & > 0[1] in. wc	.33	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	IFIT supply filter plenum (HVP-863) ΔP	[1]PDI-863-1	≤2.0 & > 0[1] in. wc	.65	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-863-2	≤2.0 & >0[1] in. wc	.32	N/A	N/A	N/A	N/A	N/A	N/A

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 4 of 5)

			Date:	6/28/21	6/29/21	4/30/21			
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun
			Initials:	MT	RH	RL				
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS**						
4.1.3.4[2]	North Basement supply filter plenum (HVP-840) ΔP	[1]PDI-857-1	≤ 2.0 & > 0[1] in. wc	.07	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-857-2	≤2.0 & > 0[1] in. wc	.49	N/A	N/A	N/A	N/A	N/A	N/A
4.1.3.4[2]	North corridor supply filter plenum (HVP-809) ΔP	[1]PDI-856-1	≤2.0 & > 0[1] in. wc	.07	N/A	N/A	N/A	N/A	N/A	N/A
		PDI-856-2	≤2.0 & > 0[1] in. wc	.63	N/A	N/A	N/A	N/A	N/A	N/A
[1]**NA**	**Combustible exclusion area around basement exhaust fans FE828, FE829 and bleed-off fans FE820A, FE820B, FE820C, FE822A, FE822B, FE822C**		**0 lb/ft² combustibles in designated exclusion area (within 15 feet of fans)**	Sat	N/A	N/A	N/A	N/A	N/A	N/A
4.3.2.2[2]	Room 201		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	Sat	Sat	SAT				
4.3.2.2[2]	Room 204		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	Sat	Sat	SAT				

Attachment B-2, Daily Surveillance Rounds (PF-4 North Side) [UET]

(Page 5 of 5)

			Date:	06/28/21	6/29/21	6/30/21				
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	[illegible]	RH	RH				
SRs	**Description**	**Gauge**	**Acceptance Criteria**	**SURVEILLANCE RESULTS**						
4.3.2.2[2]	Room 206		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	Sat	Sat	SAT				
4.3.2.2[2]	Room 207		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less	Sat	Sat	SAT				
			Completion time	0910	0839	1039				
			OC Operator Review and Page Count Complete (initials)	DH	DH	[illegible]				
			OCS Daily Review Sign off (initials)	ABJ	ABJ	[illegible]				

[1] Non TSR requirement

[2] SR 4.1.1.7 applies during Mode 1 as stated in LCO 3.1.1. SR's 4.1.3.4 and 4.3.2.2 apply during both Mode 1 and Mode 2.

Note: Rooms 201, 206 & 207 **must be** entered for surveillance even if they are red lit, room 204 can be viewed through the window. Notify the Operations Center of any rooms that are unable to be entered for the performance of rounds, Operations Center will make a logbook entry recording the room(s) and reason(s) for non-entry. Document in the comments section any room(s) and reason(s) they were unable to be entered for rounds.

Completed by: RH Date: 6/30/21 Time: 1039 Reviewed by: _____ Date: 6/30/21 Time: 1924

On-duty Supervisor

Comments: _____

Attachment D, Monthly Surveillance Rounds (Confinement Doors) [UET]

(Page 1 of 2)

NOTE: his entire attachment is to be treated as Surveillance Requirement implementing actions.

SRs	Equipment	Location	Acceptance criteria	Sat or Unsat.	Completion Time:	Date:	Initials	CDV Initials
*Note	Confinement DR-344	Southeast	Verify that the Astragals and Jamb-Seal features are in-place and cover the gaps present 1. Between the door leaves and 2. Between the frame and the door edge when the doors are in the closed position	(Sat.) / Unsat.	1411	6/24/21		
4.1.3.2[1]	Confinement Door DR-344	Southeast	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure. For each confinement door, VERIFY that one leaf of the door(s) is secured shut (NW, NE, SW, SE, south basement door).	(Sat) / Unsat.	1411	6/24/21		
4.1.3.2[1]	Confinement Door DR-149	Northeast	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure. For each confinement door, VERIFY that one leaf of the door(s) is secured shut (NW, NE, SW, SE, south basement door).	(Sat.) / Unsat.	1337	6/24/21		
*Note	Confinement DR-102	Northwest	Verify that the Astragals and Jamb-Seal features are in-place and cover the gaps present 1. Between the door leaves and 2. Between the frame and the door edge when the doors are in the closed position	(Sat.) / Unsat.	1347	6/24/21		
4.1.3.2[1]	Confinement Door DR-102	Northwest	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure. For each confinement door, VERIFY that one leaf of the door(s) is secured shut (NW, NE, SW, SE, south basement door).	(Sat.) / Unsat.	1347	6/24/21		
			AND VERIFY and RECORD the time (using calibrated stop watch) that the door(s) goes to the fully closed position via the automatic door closure is ≤ 30 seconds. 6 Seconds	(Sat.) / Unsat.	1346	6/24/21		

*** Note:** Monthly Inspection of DR-344 and DR-102 in accordance with compensatory measure(s) from: *Request for Permanent Equivalency to OE Order 420.1B Chapter II, NFPA 80, NFPA 101 and IBC Requirements for LANL Building TA55-4 (PF-4); Installation of New Confinement Doors DR-102, DR-302, and DR-344 LANL-DOE-ORDER-420.1B-EQ-2013-001*

Attachment D, Monthly Surveillance Rounds (Confinement Doors) [UET]

(Page 2 of 2)

SRs	Equipment	Location	Acceptance criteria	Sat or Unsat.	Completion Time:	Date:	Initials	CDV Initial
4.1.3.2[1]	Confinement Door DR-302	Southwest	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure. For each confinement door, VERIFY that one leaf of the door(s) is secured shut (NW, NE, SW, SE, south basement door).	(Sat.) / Unsat.	1358	6/24/21		
			AND VERIFY and RECORD the time (using calibrated stop watch) that the door(s) goes to the fully closed position via the automatic door closure is ≤ 30 seconds. 7 Seconds	(Sat.) / Unsat.	1356	6/24/21		
4.1.3.2[1]	Confinement Door DR-4	N. Basement Personnel door DR-4	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure.	(Sat.) / Unsat.	1327	6/24/21		
4.1.3.2[1]	Confinement Door DR-90	South Basement Door (Tunnel)	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure. For each confinement door, VERIFY that one leaf of the door(s) is secured shut (NW, NE, SW, SE, south basement door).	(Sat.) / Unsat.	1658	6/24/21		
						OC Operator Review and Page Count Complete		

[1] SR 4.1.3.2 applies during both Mode 1 and Mode 2.

Completed by: T. Plaugher Date 6/24/21 Time 1700 Reviewed by: [signature] Date: 6/24/21 Time: 1705

Concurrent Dual Verifier RICHARD S MARTINEZ Date 6-24-21 Time 1700

On-duty Supervisor Comments: _____

ATTACHMENT A806.A.

External Combustion

20.2.61 NMAC Opacity

Use of pipeline quality natural gas at LANL meets the requirement at Condition A806.A and constitutes compliance with 20.2.61 NMAC. Opacity did not exceed 20% over a 10-minute period and no visible emissions occurred during steady state operation.

ATTACHMENT A806.C.

External Combustion

20.2.61 NMAC Opacity – Units RLUOB-BHWs Fuel-Oil Fired

No fuel oil was used in the RLUOB Boilers during this reporting period and no opacity measurements were required.

ATTACHMENT A807.A.

External Combustion

Natural Gas Usage and Rolling 12-Month Total

2021 Small Boilers Data Entry / Gas Use

	Metered Boilers Gas Use			Non-Metered Gas Use	All Small Boilers[a] Non-Metered + Metered		
	TA-55-6 Boilers[b]		CMRR-RLUOB		Total Gas Use		12-Month Rolling Total[c]
	BHW-1B (EQPT-29)	BHW-2B (EQPT-30)	All 3 Boilers (EQPT-90, 104, & 105)				
Month	(Mscf)	(Mscf)	(Mscf)	(MMscf)	(Mscf)	(MMscf)	(MMscf)
January	1	1890	357	60.81	63,055	63.05	394.97
February	1	2288	411	51.87	54,572	54.57	392.74
March	1	2001	301	43.95	46,251	46.25	393.38
April	1	1758	226	30.76	32,741	32.74	394.54
May	1	1566	166	17.01	18,744	18.74	398.39
June	452	872	108	4.17	5,599	5.60	391.91
July							
August							
September							
October							
November							
December							
TOTAL	457	10375	1569	209	220962	221	

Reviewed by: Katelyn Mahoney 7/19/2021

12 Month Limit (MMscf) = 870

2021 Non Metered Boiler Pool Capacity:	283.9 MMBtu/hr[d]
Estimated Gas-Use per MMBtu rating Jan-June:	0.73 MMscf/MMBtu/hr
Estimated Gas-Use per MMBtu rating July-Dec:	MMscf/MMBtu/hr
Estimated Gas-Use per MMBtu - Annual	0.73 MMscf/MMBtu/hr
Estimated Gas-Use per MMBtu - Fiscal Year	1.18 MMscf/MMBtu/hr

Gas Use Non-Metered[e] (MMSCF)				
NMED ID:	EQPT-11	EQPT-12	EQPT-53&134	Insignificant Units[f]
Location:	TA-53-365	TA-53-365	TA-16-1484	Lab Wide
Equipment ID:	BHW-1	BHW-2	Plant 5	Various
Database ID:	B-0042	B-0043	B-0093/0092	
Design Rate[g] (MMBTU/hr)	7.115	7.115	12.700	257
Calculated Gas Use-Jan-June	5.227	5.227	9.330	188.778
Calculated Gas Use-July-Dec				
Calculated Gas Use-Annual	5.227	5.227	9.330	188.778

ATTACHMENT A807.B.

External Combustion

RLUOB Boilers Natural Gas and Fuel Oil Usage

Boilers at the RLUOB did not use fuel oil during this reporting period. Please see Attachment A807.A. for natural gas use by the RLUOB boilers.

ATTACHMENT A807.C. & D.

External Combustion

Fuel Oil Sulfur Content

LANL purchases only fuel oil with ultra-low sulfur content; fuel oil was not used in the TA-55-6 Boilers or RLUOB Boilers during this reporting period.

ATTACHMENT A807.E.

External Combustion

Initial Compliance Testing (Unit RLUOB-BHW-4)

Unit RLUOB-BHW-4 has not been installed.

ATTACHMENT A807.F.a.

External Combustion

Operational Inspection for Sources listed in Table 800.A.

Annual preventive maintenance was not conducted during this monitoring period. Inspections are planned for 2021H2.

ATTACHMENT A807.F.b.

External Combustion

Revised Maintenance Procedures for Sources listed in Table 800.A.

UI-PROC-76-28-010-R2

PMI – TA-09/16 Steam Plants – Annual Boiler Waterside/Fireside Checklist

Review frequency 1 yr ☑ 2 yr ☐ 3 yr ☐

Issue date 9/3/20 **Next review** 9/3/21

Reviewed by

Glenn Martinez	Steam Plant Maintenance Superintendent
	Z# 190429

Approved by

Patrick McCabe	Steam Facilities System Engineer
	Z# 348093

Derivative Classifier Review

James Liljenwall	Classification: VERIFIED UNCLASSIFIED
	Z# 206614

This procedure may only be worked in conjunction with a work control package that has been processed in accordance with AP-WORK-002, Work Planning. It may not be used as a stand-alone work control document.

The purpose of this procedure is to provide instructions for execution of the Annual Boiler Waterside/Fireside Checklist at the TA-09/16 Steam Plants.

Work Steps

A Preliminary Items

1. Required boiler training and qualifications:

   a. Boiler Operator: New Mexico Construction Industries Journey Classification as a Journeyman Boiler Operator – High Pressure BO2 (NMAC 14.6.6)

      Note: Boiler Operator Trainee may not operate any boiler devices unless under the direct observation of a Journeyman Boiler Operator (NMAC 14.9.4.29).

   b. Pressure Safety Orientation – Course #769 (LANL P101-34)

   c. Pressure Safety Advanced – Course #11459 (LANL P101-34)

d. Boiler maintenance crew performing low-NOx verification: boiler training from Sellers Engineering Company or local manufacturer's representative

2. Equipment, tools, instruments:

   • Flue gas analyzer

   • Calibrated boiler pressure gauge

     Record calibration dates on Boiler Checklist (Attachment 1).

3. Supplies, materials:

   • Mobil Polyrex EM grease

   • Slowserve grease

B Boiler Overview

1. TA-09/16 Steam Plant boilers are located at the following eight boiler plants: Plant 1 (TA-16-1480), Plant 4 (TA-16-1483), Plant 5 (TA-16-1484), Plant 8 (TA-16-1487), Plant 11 (TA-16-1490), Plant 12 (TA-16-1491), Plant 13 (TA-09-0282), and Plant 14 (TA-16-1492).

2. Boilers are Sellers Engineering Company fire tube boilers, manufactured in 1995. Each has a maximum allowable working pressure (MAWP) of 150 psig. Supply natural gas pressure is nominally 5 psig. Attachments 2 and 3 contain boiler technical information.

3. Inspection and maintenance consists of the following:

   a. Testing or replacing pressure relief safety valves

   b. Waterside and fireside boiler inspection

   c. Cleaning of debris or scaling found inside the boiler

   d. Inspection and maintenance of various plant components

   e. Steam gauge calibration

   f. Internal and external inspection by a National Board Inspection Code (NBIC) Boiler Inspector

4. Boiler output pressure: 80 psig

   Exception: Boiler output pressure for two boilers at Plant 12 (TA-16-1491): 40 psig

5. There are three pressure switches on top of each boiler: high pressure steam shutdown (High Limit) switch; operating pressure control (OPC) switch; Low-NOx cold start limit control (CSLC) switch.

6. Final settings for all boilers except two at Plant 12 (TA-16-1491):

    a. High pressure steam shutdown (High Limit) switch: 90 psig

    b. Operating pressure control (OPC) switch: 80 psig

    c. Low-NOx steam pressure (CSLC) switch: 40 psig

    Exceptions: Final settings for two boilers at Plant 12 (TA-16-1491):

    a. High pressure steam shutdown (High Limit) switch: 45 psig

    b. Operating pressure control (OPC) switch: 40 psig

    c. Low-NOx steam pressure (CSLC) switch: 20 psig

7. All steam pressure switch setpoint verification must be performed with a calibrated boiler pressure gauge.

    - All gauges used for pressure switch setpoints must have calibration dates, which are to be recorded on Attachment 1 checklist.

8. There are four pressure switches at the steam header: the lead, the lag, and the two low-pressure switches.

9. For all boilers, set the switches to control the lead/lag feature of the boiler.

10. Verify that all pressure switches perform their intended function.

    - If the pressure setting on a switch varies by more than 20% from the boiler pressure gauge, the switch must be replaced.

11. After final tuning of the boiler parameters, adjust the air flow proving switch to about 2 inches water column below the blower pressure setting.

12. Flue gas analyzer will be needed for two scenarios: light off and Low-NOx boiler settings. Record the O2, CO, NOx, temperature, and efficiency. The boilers are to be run in the Low-NOx mode to be compliant with manufacturer's instructions.

13. Complete Attachments 1 and 2 before the boiler is released by UI Engineering to UI Operations. The Steam Facilities System Engineer must be alerted for inspection of boiler components. See Hold Points below.

C External Inspection

HOLD POINT

UI System Engineer and NBIC Boiler Inspector are needed for external boiler inspection. Give at least 7 days advance notice and coordinate with UI System Engineer.

D Secure Boiler(s) and Prepare for Inspection/Maintenance

1. Secure boilers in accordance with UI-PROC-76-28-001-R1 Boiler Shut-Down Dry Layup Process.

2. Drain boilers in accordance with UI-PROC-76-28-002-R1 Steam Plants Boiler Draining.

3. Isolate system if both boilers are being shut off.

   Note: Outage will be required if doing one boiler at a time to perform the feed water tank and steam header maintenance.

   a. Close main steam valve to system.

   b. Drain steam header

   c. Isolate water to feed tank

   d. Unplug water softeners, chemical pump, and continuous blowdown controller.

4. Remove gas supply and vent piping prior to opening front door.

E Waterside Inspection/Maintenance

1. Open flue door and inspect tube sheets for water leakage. If tube leakage is suspected call the system engineer for further evaluation. The narrow ligaments between tube holes are subject to tremendous stresses and should be watched for any sign of cracking mainly due to overheating.

2. Drain boiler and remove all hand hole and manhole covers, where applicable, to allow a visual check of all internal accessible areas. Example: shell, tubes and tube sheets.

HOLD POINT

Steam Facilities System Engineer and Chemical Treatment Company Representative are needed for boiler inspection. Give at least 7 days advance notice and coordinate with Steam Facilities System Engineer.

3. Carefully examine waterside surfaces using a strong light and mirror where required. Look for evidence of scale, corrosion, blisters, or pitting, indicating adequacy of water treatment.

4. Use a high pressure hose to wash sediment out of the bottom and other internals of the boiler.

5. Remove and replace the Kunkle pressure relief valves. New pressure relief valves can be purchased and Attachment 4 identifies the pressure relief valves to order. If new valves are not purchased, test and repair the pressure relief valves in accordance with the Engineering Standard Manual Chapter 17.

HOLD POINT

Steam Facilities System Engineer and NBIC Boiler Inspector are needed for internal boiler inspection. Give at least 7 days advance notice and coordinate with Steam Facilities System Engineer

6. With the support of electricians, remove the OPC, High Limit, and CLSC controls. Remove both head covers from the bodies of the two float operated low water cut-offs (LWCs). The float-assembly and mercury switches are located on these heads. Flush out both LWC bodies. Inspect floats and replace if necessary. Reinstall head covers. Remove caps from the inspection crosses associated with both LWCs and flush out piping connected to boiler. Reinstall caps.

F Fireside Inspection/Maintenance

1. Remove all heat extractors and inspect their condition. These devices can be pulled out individually from each of the fire tubes and cleaned if necessary. Repair or replace if necessary.

2. Check gas burners for presence of dirt, lint, or foreign matter. Be sure of ports, gas passages and air passages are free of obstructions.

3. Clean out each main burner with a bottle washer.

4. Check the fireside of furnace and fire tubes for any evidence of soot formation or corrosion. Evidence of soot formation is a sign of improperly adjusted combustion. Brush and vacuum the furnace and fire tubes, if such conditions exist.

5. Drill the pilot manifolds with a #53 drill bit as needed and adjust the pilot manifold position in accordance with the Seller's Owners' Manual.

6. Clean air socks, flame rods, ignitor rod, and replace if needed.

7. Remove fan door and clean fan and shroud. Re-install fan door when complete.

8. Lubricate Baldor blower motor with Polyrex EM (Mobil) grease.

9. Check combustion chamber sight glasses and replace as needed.

10. Check flue door gaskets and other gaskets to make sure that they are in good condition and that they are properly secured. Replace, if required, the flue door

gaskets. An ineffective seal may allow flue gases to escape into the boiler room and result in burned gaskets and warped flue doors.

11. Verify the gas low and high limit switches. Record values in Attachment 1.

12. Check the Low-NOx solenoid for proper operation. Remove door and check plunger, clean, and re-grease bearing.

13. After the fireside and waterside surfaces have been inspected by the UI system engineer and by the NBIC boiler inspector, and work is completed, close and secure front and rear flue doors. Reinstall hand hole and manifold covers if applicable; hook up all associated piping and refill boiler to proper level.

G Steam Header Inspection/Maintenance

1. With support of electricians, remove wiring from controls.

2. Remove and clean controls and syphon tubes. Reinstall and replace as needed.

3. Check condition of Y-strainers steam traps, clean and replace as needed.

4. Check the condition of the sparger line controls and safety valves. Repair and replace as needed.

H Feed Water Tank Inspection/Maintenance

1. Electricians go through Feed Water Tank panel to check for loose and broken wires, clean contacts, and inspect.

2. Remove hand holes, inspect tank for deposits and clean as needed.

3. Check condition of anode and replace if needed.

4. Remove and clean temperature gauge.

5. Check condition of sparger line header (if possible) and clean if needed.

6. Remove McDonald Miller strainer. Inspect and replace if needed.

7. Remove and clean all pump strainers, and reinstall.

8. Lubricate Grundfos boiler feed pumps: lubricate the Baldor motor with Polyrex EM (Mobil) grease.

9. Replace hand holes, fill tank, and check for leaks.

I Boiler Gas Train Inspection/Maintenance

1. For Main Gas Regulators, Fisher CS800.

    a. Remove gas regulator diaphragm head on Fisher models, check torque values of orifice. Orifice torque value should be between 25 TO 35 FT-LBS.

    b. Check torque values of 12 diaphragm head bolts, manufacturer specifies 63 TO 90 FT-LBS.

    c. Reinstall gas regulator diaphragm and tighten 4 bolts to manufacturer torque value of 10 to 13 FT-LBS.

2. For Pilot Gas Regulators, Fisher CS200.

    a. Remove gas regulator diaphragm head on, check torque values of orifice. Orifice torque value should be between 35 TO 45 FT-LBS.

    b. Check torque values of 12 diaphragm head bolts, manufacturer specifies 63 TO 90 FT-LBS.

    c. Reinstall gas regulator diaphragm and tighten 4 bolts to manufacturer torque value of 10 to 13 FT-LBS.

3. Grease plug valves on gas supply line. Use Slowserve for Nordstrom Valves Type 555 (-10°F to 500°F).

4. Re-install gas vent and supply piping after closing front door.

5. Check all gas piping from upstream union to the first safety shutoff valve for gas leaks before starting boiler.

6. After start-up of boiler, check all gas piping and fittings from first safety shut-off to boiler combustion chamber for leaks.

J Chemical Equipment Inspection/Maintenance

1. Chemical pump and tank

    a. Empty chemical tank into barrel.

    b. Add water to tank and pump into feed water tank to flush out pump and chemical lines.

    c. Clean any debris accumulated on the Neptune/Leeson chemical feed pumps and the GE/Neptune chemical mixing motors.

    d. Unplug pump until start up

2. 3D Trasar Unit

    a. Remove and clean 3D Trasar conductivity probe for each boiler.

    b. Remove and clean metal filter.

    c. Remove and replace paper filter

    d. Replace back up power batteries

    e. Reprogram 3d Trasar unit after battery replacement.

    f. Perform 2 point calibration on 3D Trasar conductivity probe for each boiler, as per 3D Trasar manual.

    g. Clean 3D Trasar Fluorimeter Flow cell as per UI-PROC-76-28-014-R2.

    h. Perform calibration on 3D Trasar Fluorimeter for each boiler.

3. Water Softener

    a. For systems where both boilers are secured for the summer, regenerate water softeners before putting back online. Check for leaks or abnormal operations.

    b. Fill brine tank if needed.

4. Backflow Preventer

    a. Check for leaks and ensure proper operation.

K Post-Maintenance

1. Complete Attachments 1 and 2.

2. Verify the settings for the following steam switches: lead, lag, low boiler pressure.

3. There are three pressure switches on top of each boiler: the high pressure steam shutdown (High Limit) switch, the operating pressure control (OPC) switch, and Low-NOx Cold Start Limit Control (CSLC) switch.

4. Upon initial startup the CSLC switch is adjusted to a pressure above the OPC switch until the initial boiler parameters have been adjusted.

5. Final setpoint configurations:

    a. For all boilers [except two boilers at Plant 12 (16-1491)]:

        - High pressure steam shutdown (High Limit) switch: 90 psig

        - Operating pressure control (OPC) switch: 80 psig

- Low-NOx cold start limit control (CSLC) switch: 40 psig

b. For the two boilers at Plant 12 (16-1491):

- High pressure steam shutdown (High Limit) switch: 45 psig
- Operating pressure control (OPC) switch: 40 psig
- Low-NOx cold start limit control (CSLC) switch: 20 psig

All steam pressure switch setpoint verification must be performed with a calibrated boiler pressure gauge.

6. Verify the Low-NOx cold start limit control switch.
   a. Set to the values above.
   b. Verification of this switch is performed after the initial settings.
   c. Verify that the Low-NOx damper control motor is operating and that the auxiliary solenoid valve on the main gas valve line de-energizes (closes).
7. Check pilot burners and ignition equipment for proper condition and adjustment.
8. Startup boiler in accordance with UI-PROC-76-28-008-R1 TA-9/16 Steam Plants Boiler Startup.
9. Visually check burner for proper combustion.
   a. Combustion analysis is verifiable only with a flue gas analyzer and is performed mainly on boilers with power burners.
   b. Adjust fuel/air mixture as needed.
   c. Refer to Attachment 3 for commissioning flue gas analysis results.
10. Ensure completion of functional checklist in Attachment 2.
11. Before the boiler is released to Operations, Steam Facilities System Engineer must review and sign off on Attachments 1 and 2.
    - Ensure correct operation. If problems are found, immediately notify appropriate personnel so corrective action can be taken.

L Appendices and Attachments

Attachment 1. Form 76-28-010.1 Boiler Checklist

Attachment 2. Form 76-28-010.2 Pressure and Flue Gas Analysis

Attachment 3. Baseline Settings

Attachment 4. Approved Steam Safety Valves

M History of Revisions

Document Number	Issue Date	Action
UI-PROC-76-28-010-R2	9/3/20	Review and reissue with changes to work steps and corrections to attachment numbering.
UI-PROC-76-28-010-R1	04/10/19	Convert to PMI with changes.
UI-PROC-76-28-010-R0	05/13/15	New procedure.

Attachment 1. Form 76-28-010.1 Boiler Checklist

Boiler NB #_____

Boiler Location_____

Date(s) Performed_____

Safety valves replaced?_____ S/N #_____

Boiler Pressure (psig)_____ Fireside inspection:_____

Supply gas pressure (psig)_____ Waterside inspection:_____

Flue door gaskets replaced?_____

Verify shutdown switches:

High Limit_____ High Limit set point_____

High Gas_____ High Gas set point_____

Low Gas_____ Low Gas set point_____

OPC_____ OPC set point_____

LWC 1_____

LWC 2_____

Air Proving Switch_____

Boiler set in low NOx setting?_____ CSLC set point_____

Lag set point_____ Lead set point_____

Calibration date on steam boiler pressure gauge_____

Work Control: Send copy of this completed form to Steam Facilities System Engineer.

Copy sent to Steam Facilities System Engineer
by WCS _____ Date _____
MSS Rep _____ Date _____

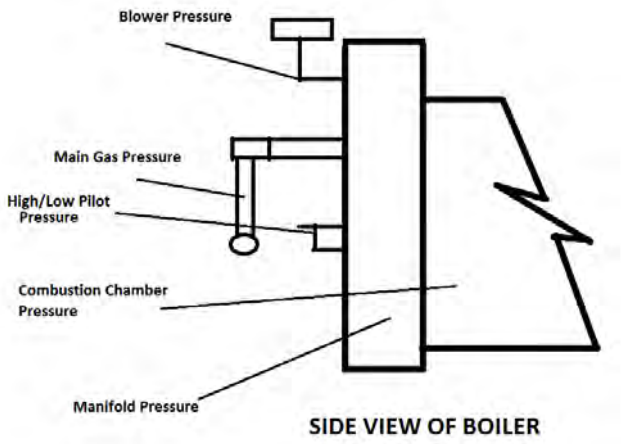
Released for Operations
Steam Facilities System Engineer _____ Date _____

Form 76-28-010.1 1/1

Attachment 2. Form 76-28-010.2. Pressure and Flue Gas Analysis

Original boiler commissioning settings are captured in Attachment 3, Baseline Settings.

	Lightoff Readings	Low NOx Readings
Manifold Pressure (wc)		
High Pilot Pressure (wc)		
Low Pilot Pressure (wc)		
Blower Pressure (wc)		
Main Gas Pressure (psig)		
O2 (%)		
CO (ppm)		
NOx (ppm)		



Work Control: Send copy of this completed form to Steam Facilities System Engineer.

Copy sent to Steam Facilities System Engineer
by WCS _____ Date _____
MSS Rep _____ Date _____

Released for Operations
Steam Facilities System Engineer _____ Date _____

Form 76-28-010.2 1/2

FUNCTIONAL CHECKLIST

- ☐ Steam system
  - o Traps
  - o Y- strainers
- ☐ Condensate return system
- ☐ Gas system
- ☐ Motors operational
- ☐ Pumps operational
- ☐ Feed water system
- ☐ Chemical feed system
- ☐ Blowdown system
  - o Valve controlling continuous blowdown
- ☐ Electrical system
- ☐ Safety shutdown
- ☐ Building
  - o Lights operational
  - o Heating system
  - o Life safety

COMMENTS:_____
_____
_____
_____
_____
_____

Work Control: Send copy of this completed form to Steam Facilities System Engineer.

Copy sent to Steam Facilities System Engineer
by WCS _____ Date _____
MSS Rep _____ Date _____

Released for Operations
Steam Facilities System Engineer _____ Date _____

Form 76-28-010.2 2/2

Attachment 3. Baseline Settings

							Lightoff Readings						Low NOx readings					
Plant #	Location	Serial #	Boiler HP	High Pilot "wc	Low Pilot "wc	Blower Pressure "wc	Manifold Pressure "wc	Combustion Chamber Pressure "wc	Main Gas Pressure "wc	O2 %	CO ppm	NOx ppm	Manifold Pressure "wc	Combustion Chamber Pressure "wc	Main Gas Pressure "wc	O2 %	CO ppm	NOx ppm
1	16-1480-A	100852-B	98	10	10	7.3	5.4	2.1	11.6	3.4	8	52	5.4	1.7	12.5	6.3	18	21
1	16-1480-B	100852-A	98	10	6	7.3	5.3	2.3	9.7	4	29	50	5.3	2	10.5	6.3	6	27
4	16-1483-A	100850-B	128	10.2	5	7.5	5.8	2.4	10.8	3.6	7	51	5.8	2.1	12.5	5.9	8	25
4	16-1483-B	100850-A	128	11	5.5	7.5	5.6	2.3	13.5	3.4	6	51	5.6	2	15	6.5	18	22
5	16-1484-A	100848-A	183	11	6.8	7.9	5.2	2.3	14	3.7	7	46	5.2	2	16	6	41	24
5	16-1484-B	100848-B	183	11.5	7	8	5.5	2.3	15	3.4	11	53	5.5	2	16	6	10	21
8	16-1487-A	100857-B	56	10	5	7.8	5.8	2.5	8.3	3.5	125	50	5.5	1.9	8.7	6.6	82	17
8	16-1487-B	100857-A	56	11	5	7.8	5.6	2.7	7	3.6	18	47	5.6	2.3	7.3	6.3	26	21
11	16-1490-A	100856-A	95	9.5	6.8	7.2	5	2.1	10.6	2.6	49	59	5	1.8	11.1	5.8	8	28
11	16-1490-B	100856-B	95	9.4	6	7.1	4.9	2	8.6	3.4	9	59	4.9	1.8	9.3	5.7	6	28
12	16-1491-A	100859-A	24	10	9	6.4	5.4	3	6.2	5.3	56	43	5.4	2.7	6.8	5.4	66	40
12	16-1491-B	100859-B	24	10	9	7.8	5.6	3.5	8.2	5.3	95	39	5.6	2.7	8.5	7	22	29
14	16-1492-A	100855-B	85	10	9	10	5.2	2.3	8.5	3	7	53	5.2	2	10.7	6.4	24	24
14	16-1492-B	100860-A	70	10	8.5	8.3	5.3	2.5	8.5	3.1	46	51	5.3	2.1	9.2	5.6	28	26
13	9-282-A	100849-A	153	10.5	10	8	5.1	2.2	13.6	3.7	11	57	5.1	1.9	15	6.4	6	27
13	9-282-B	100849-B	153	10.5	6	8.4	5.6	2.4	11.3	3.8	12	52	5.6	2.1	12.5	5.9	8	26

Attachment 4. Approved Steam Safety Valves

Plant #	Location	Serial #	ASME #	Nat'L Board #	Boiler Max Steam Capacity (lb/hr)	Safety Valve Inlet	Relief Flow (lb/hr)	Safety Valve Brand	Safety Valve to Order
1	16-1480-A	100852-B	10158	8365	3381	2"	4593	Kunkle	6021HHT01-AM0100
1	16-1480-B	100852-A	10022	8359	3381	2"	4593	Kunkle	6021HHT01-AM0100
4	16-1483-A	100850-B	10324	8375	4416	2"	4593	Kunkle	6021HHT01-AM0100
5	16-1484-A	100848-B	10291	8334	6314	2"	4593	Kunkle	6021HHT01-AM0100
5	16-1484-A	100848-B	10291	8334	6314	1-1/2"	2948	Kunkle	6021GGT01-AM0100
5	16-1484-B	100848-A	10290	8333	6314	2"	4593	Kunkle	6021HHT01-AM0100
5	16-1484-B	100848-A	10290	8333	6314	1-1/2"	2948	Kunkle	6021GGT01-AM0100
8	16-1487-A	100857-B	10314	8355	1932	1-1/2"	2948	Kunkle	6021GGT01-AM0100
8	16-1487-B	100857-A	10313	8354	1932	1-1/2"	2948	Kunkle	6021GGT01-AM0100
11	16-1490-A	100856-B	10329	8388	3278	2"	4593	Kunkle	6021HHT01-AM0100
11	16-1490-B	100856-A	10328	8395	3278	2"	4593	Kunkle	6021HHT01-AM0100
12	16-1491-A	100859-A	10330	8380	828	1-1/2"	1671	Kunkle	6021GGT01-AM0050
12	16-1491-B	100859-B	10331	8381	828	1-1/2"	1671	Kunkle	6021GGT01-AM0050
14	16-1492-A	100855-B	10327	8387	2933	2"	4593	Kunkle	6021HHT01-AM0100
14	16-1492-B	100860-A	10317	8361	2415	2"	4593	Kunkle	6021HHT01-AM0100
13	9-282-A	100849-A	10292	8338	5279	2"	4593	Kunkle	6021HHT01-AM0100
13	9-282-A	100849-A	10292	8338	5279	1-1/2"	2948	Kunkle	6021GGT01-AM0100
13	9-282-B	100849-B	10293	8342	5279	2"	4593	Kunkle	6021HHT01-AM0100
13	9-282-B	100849-B	10293	8342	5279	1-1/2"	2948	Kunkle	6021GGT01-AM0100

ATTACHMENT A907.A.

Chemical Usage

Chemical Purchases from ChemDB

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001657161	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	04-Jan-21
0001657162	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	04-Jan-21
0001657163	-	HYDROGEN GAS	220	Cubic Feet(CF)	04-Jan-21
0001657164	-	REFRIGERANT R-22	30	Pounds(LB)	04-Jan-21
0001657167	-	REFRIGERANT R-22	30	Pounds(LB)	04-Jan-21
0001657168	-	REFRIGERANT R-22	30	Pounds(LB)	04-Jan-21
0001657166	-	REFRIGERANT R-22	30	Pounds(LB)	04-Jan-21
0001657165	-	REFRIGERANT R-22	30	Pounds(LB)	04-Jan-21
0001657169	811-97-2	SUVA 134A REFRIGERANT	30	Pounds(LB)	04-Jan-21
0001657180	811-97-2	SUVA 134A REFRIGERANT	30	Pounds(LB)	04-Jan-21
0001657174	811-97-2	SUVA 134A REFRIGERANT	30	Pounds(LB)	04-Jan-21
0001657175	811-97-2	SUVA 134A REFRIGERANT	30	Pounds(LB)	04-Jan-21
0001657176	811-97-2	SUVA 134A REFRIGERANT	30	Pounds(LB)	04-Jan-21
0001657177	811-97-2	SUVA 134A REFRIGERANT	30	Pounds(LB)	04-Jan-21
0001657172	811-97-2	SUVA 134A REFRIGERANT	30	Pounds(LB)	04-Jan-21
0001657179	811-97-2	SUVA 134A REFRIGERANT	30	Pounds(LB)	04-Jan-21
0001657171	811-97-2	SUVA 134A REFRIGERANT	30	Pounds(LB)	04-Jan-21
0001657181	811-97-2	SUVA 134A REFRIGERANT	30	Pounds(LB)	04-Jan-21
0001657182	811-97-2	SUVA 134A REFRIGERANT	30	Pounds(LB)	04-Jan-21
0001657183	811-97-2	SUVA 134A REFRIGERANT	30	Pounds(LB)	04-Jan-21
0001657184	811-97-2	SUVA 134A REFRIGERANT	30	Pounds(LB)	04-Jan-21
0001657185	811-97-2	SUVA 134A REFRIGERANT	30	Pounds(LB)	04-Jan-21
0001657186	811-97-2	SUVA 134A REFRIGERANT	30	Pounds(LB)	04-Jan-21
0001657178	811-97-2	SUVA 134A REFRIGERANT	30	Pounds(LB)	04-Jan-21
0001657170	811-97-2	SUVA 134A REFRIGERANT	30	Pounds(LB)	04-Jan-21
0001657187	811-97-2	SUVA 134A REFRIGERANT	30	Pounds(LB)	04-Jan-21
0001657173	811-97-2	SUVA 134A REFRIGERANT	30	Pounds(LB)	04-Jan-21
0001656624	-	ARGON 94% HYDROGEN 6%	220	Cubic Feet(CF)	04-Jan-21
0001656631	-	ARGON 94% HYDROGEN 6%	220	Cubic Feet(CF)	04-Jan-21
0001656632	-	ARGON 94% HYDROGEN 6%	220	Cubic Feet(CF)	04-Jan-21
0001656633	-	ARGON 94% HYDROGEN 6%	220	Cubic Feet(CF)	04-Jan-21
0001656634	-	ARGON 94% HYDROGEN 6%	220	Cubic Feet(CF)	04-Jan-21
0001656628	-	ARGON 94% HYDROGEN 6%	220	Cubic Feet(CF)	04-Jan-21
0001656625	-	ARGON 94% HYDROGEN 6%	220	Cubic Feet(CF)	04-Jan-21
0001656630	-	ARGON 94% HYDROGEN 6%	220	Cubic Feet(CF)	04-Jan-21
0001656623	-	ARGON 94% HYDROGEN 6%	220	Cubic Feet(CF)	04-Jan-21
0001656622	-	ARGON 94% HYDROGEN 6%	220	Cubic Feet(CF)	04-Jan-21
0001656629	-	ARGON 94% HYDROGEN 6%	220	Cubic Feet(CF)	04-Jan-21
0001656621	-	ARGON 94% HYDROGEN 6%	220	Cubic Feet(CF)	04-Jan-21
0001656626	-	ARGON 94% HYDROGEN 6%	220	Cubic Feet(CF)	04-Jan-21
0001656627	-	ARGON 94% HYDROGEN 6%	220	Cubic Feet(CF)	04-Jan-21
0001540058	-	FLUORESCEIN GREEN CONCENTRATE	0.4	Ounces(OZ)	04-Jan-21
0001419743	-	FORMULA 409	1	Gallon(GAL)	04-Jan-21
0001419745	-	FORMULA 409	1	Gallon(GAL)	04-Jan-21
0001419746	-	FORMULA 409	1	Gallon(GAL)	04-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001419747	-	FORMULA 409	1	Gallon(GAL)	04-Jan-21
0001419750	-	FORMULA 409	1	Gallon(GAL)	04-Jan-21
0001419748	-	FORMULA 409	1	Gallon(GAL)	04-Jan-21
0001419749	-	FORMULA 409	1	Gallon(GAL)	04-Jan-21
0001419744	-	FORMULA 409	1	Gallon(GAL)	04-Jan-21
0001646627	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	04-Jan-21
0001646636	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	04-Jan-21
0001646637	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	04-Jan-21
0001646635	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	04-Jan-21
0001646634	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	04-Jan-21
0001646633	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	04-Jan-21
0001646632	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	04-Jan-21
0001646631	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	04-Jan-21
0001646630	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	04-Jan-21
0001646629	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	04-Jan-21
0001646628	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	04-Jan-21
0001646638	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	04-Jan-21
0001646639	-	H2SO4 PRESERVATION KIT FOR 250 ML CONTAINER	100	Milliliter(ML)	04-Jan-21
0001646640	7664-93-9	H2SO4 500ML PRESERVATION VIALS	100	Milliliter(ML)	04-Jan-21
0001646644	7664-93-9	H2SO4 500ML PRESERVATION VIALS	100	Milliliter(ML)	04-Jan-21
0001646643	7664-93-9	H2SO4 500ML PRESERVATION VIALS	100	Milliliter(ML)	04-Jan-21
0001646642	7664-93-9	H2SO4 500ML PRESERVATION VIALS	100	Milliliter(ML)	04-Jan-21
0001646645	7664-93-9	H2SO4 500ML PRESERVATION VIALS	100	Milliliter(ML)	04-Jan-21
0001646641	7664-93-9	H2SO4 500ML PRESERVATION VIALS	100	Milliliter(ML)	04-Jan-21
0001646646	-	HNO3 PRESERVATION KIT FOR 1 GAL CONTAINER	375	Milliliter(ML)	04-Jan-21
0001646647	-	HNO3 PRESERVATION KIT FOR 1 GAL CONTAINER	375	Milliliter(ML)	04-Jan-21
0001646648	-	HNO3 PRESERVATION FOR 125 ML	100	Milliliter(ML)	04-Jan-21
0001646649	-	HNO3 PRESERVATION FOR 125 ML	100	Milliliter(ML)	04-Jan-21
0001646650	7697-37-2	HNO3 Preservation for 500 ml Container	100	Milliliter(ML)	04-Jan-21
0001646652	7697-37-2	HNO3 Preservation for 500 ml Container	100	Milliliter(ML)	04-Jan-21
0001646651	7697-37-2	HNO3 Preservation for 500 ml Container	100	Milliliter(ML)	04-Jan-21
0001646653	-	HNO3 PRESERVATION KIT FOR 1000 ML CONTAINER	100	Milliliter(ML)	04-Jan-21
0001646654	1310-73-2	NaOH Preservation for 250 ml Container	100	Milliliter(ML)	04-Jan-21
0001646657	1310-73-2	NaOH Preservation for 250 ml Container	100	Milliliter(ML)	04-Jan-21
0001646656	1310-73-2	NaOH Preservation for 250 ml Container	100	Milliliter(ML)	04-Jan-21
0001646655	1310-73-2	NaOH Preservation for 250 ml Container	100	Milliliter(ML)	04-Jan-21
0001607767	-	TaqMan RNA-to-CT 1-Step Kit	200	Milliliter(ML)	04-Jan-21
0001607768	15573-39-4	BIS(TRIMETHYLSILYL)PHOSPHIN	5	Gram(GM)	04-Jan-21
0001607769	15573-39-4	BIS(TRIMETHYLSILYL)PHOSPHIN	5	Gram(GM)	04-Jan-21
0001611521	-	POLYMETHYLMETHACRYLATE	500	Gram(GM)	05-Jan-21
0001611522	118727-34-7	1 3 5-Tris(4-aminophenyl)benzene	5	Gram(GM)	05-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001611523	-	Hexanes (Technical and Certified Grades)	4	Liters(L)	05-Jan-21
0001611524	-	Hexanes (Technical and Certified Grades)	4	Liters(L)	05-Jan-21
0001611526	-	Hexanes (Technical and Certified Grades)	4	Liters(L)	05-Jan-21
0001611525	-	Hexanes (Technical and Certified Grades)	4	Liters(L)	05-Jan-21
0001611527	141-78-6	ETHYL ACETATE	4	Liters(L)	05-Jan-21
0001611530	141-78-6	ETHYL ACETATE	4	Liters(L)	05-Jan-21
0001611529	141-78-6	ETHYL ACETATE	4	Liters(L)	05-Jan-21
0001611528	141-78-6	ETHYL ACETATE	4	Liters(L)	05-Jan-21
0001611531	67-64-1	ACETONE	4	Liters(L)	05-Jan-21
0001611533	67-64-1	ACETONE	4	Liters(L)	05-Jan-21
0001611532	67-64-1	ACETONE	4	Liters(L)	05-Jan-21
0001611534	67-64-1	ACETONE	4	Liters(L)	05-Jan-21
0001611535	67-56-1	METHANOL	4	Liters(L)	05-Jan-21
0001611538	67-56-1	METHANOL	4	Liters(L)	05-Jan-21
0001611536	67-56-1	METHANOL	4	Liters(L)	05-Jan-21
0001611537	67-56-1	METHANOL	4	Liters(L)	05-Jan-21
0001611539	7447-40-7	POTASSIUM CHLORIDE	500	Gram(GM)	05-Jan-21
0001611540	7447-40-7	POTASSIUM CHLORIDE	500	Gram(GM)	05-Jan-21
0001611541	1310-58-3	POTASSIUM HYDROXIDE	1	Kilograms(KG)	05-Jan-21
0001611543	67-63-0	ISOPROPYL ALCOHOL	20	Liters(L)	05-Jan-21
0001611544	67-63-0	ISOPROPYL ALCOHOL	20	Liters(L)	05-Jan-21
0001611546	67-63-0	ISOPROPYL ALCOHOL	20	Liters(L)	05-Jan-21
0001611545	67-63-0	ISOPROPYL ALCOHOL	20	Liters(L)	05-Jan-21
0001611547	7647-14-5	SODIUM CHLORIDE	1	Kilograms(KG)	05-Jan-21
0001611548	1344-28-1	ALUMINUM OXIDE	1	Kilograms(KG)	05-Jan-21
0001611549	7447-40-7	POTASSIUM CHLORIDE	500	Milliliter(ML)	05-Jan-21
0001611542	-	LAPPING SLURRY	5	Gallon(GAL)	05-Jan-21
0001611550	-	VisiJet S300	2	Kilograms(KG)	05-Jan-21
0001611551	-	VisiJet S300	2	Kilograms(KG)	05-Jan-21
0001611552	162881-26-7	VisiJet M3-X Plastic Material	2	Kilograms(KG)	05-Jan-21
0001611553	162881-26-7	VisiJet M3-X Plastic Material	2	Kilograms(KG)	05-Jan-21
0001611554	-	VEROCLEAR RGD810	3.6	Kilograms(KG)	05-Jan-21
0001611556	-	VEROCLEAR RGD810	3.6	Kilograms(KG)	05-Jan-21
0001611555	-	VEROCLEAR RGD810	3.6	Kilograms(KG)	05-Jan-21
0001611557	-	VEROWHITEPLUS RGD835	3.6	Kilograms(KG)	05-Jan-21
0001611561	-	VEROWHITEPLUS RGD835	3.6	Kilograms(KG)	05-Jan-21
0001611562	-	VEROWHITEPLUS RGD835	3.6	Kilograms(KG)	05-Jan-21
0001611560	-	VEROWHITEPLUS RGD835	3.6	Kilograms(KG)	05-Jan-21
0001611558	-	VEROWHITEPLUS RGD835	3.6	Kilograms(KG)	05-Jan-21
0001611559	-	VEROWHITEPLUS RGD835	3.6	Kilograms(KG)	05-Jan-21
0001611563	7664-38-2	PHOSPHORIC ACID	100	Milliliter(ML)	05-Jan-21
0001611564	7664-38-2	PHOSPHORIC ACID	100	Milliliter(ML)	05-Jan-21
0001611565	-	CircuitWorks Rosin Flux Remover Pen	9	Gram(GM)	05-Jan-21
0001611566	-	CircuitWorks Rosin Flux Remover Pen	9	Gram(GM)	05-Jan-21
0001611567	-	CircuitWorks Rosin Flux Remover Pen	9	Gram(GM)	05-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001611568	-	CircuitWorks Rosin Flux Remover Pen	9	Gram(GM)	05-Jan-21
0001611569	-	LOCTITE 242 THREADLOCKER	1.69	Ounces(OZ)	05-Jan-21
0001611570	7664-39-3	HYDROFLUORIC ACID	250	Milliliter(ML)	05-Jan-21
0001611571	-	HYDRANAL WATER STD 0.1	40	Milliliter(ML)	05-Jan-21
0001611572	-	HYDRANAL WTR STD	40	Milliliter(ML)	05-Jan-21
0001611573	-	HYDRANAL WTR STD	40	Milliliter(ML)	05-Jan-21
V000007882	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	350	Gram(GM)	05-Jan-21
V000007878	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	350	Gram(GM)	05-Jan-21
V000007879	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	350	Gram(GM)	05-Jan-21
V00000787A	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	350	Gram(GM)	05-Jan-21
V00000787B	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	350	Gram(GM)	05-Jan-21
V00000787C	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	350	Gram(GM)	05-Jan-21
V00000787D	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	350	Gram(GM)	05-Jan-21
V000007877	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	350	Gram(GM)	05-Jan-21
V000007880	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	350	Gram(GM)	05-Jan-21
V00000787F	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	350	Gram(GM)	05-Jan-21
V000007883	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	350	Gram(GM)	05-Jan-21
V000007884	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	350	Gram(GM)	05-Jan-21
V000007885	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	350	Gram(GM)	05-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000007886	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	350	Gram(GM)	05-Jan-21
V000007887	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	350	Gram(GM)	05-Jan-21
V000007888	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	350	Gram(GM)	05-Jan-21
V000007889	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	350	Gram(GM)	05-Jan-21
V00000787E	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	350	Gram(GM)	05-Jan-21
V000007867	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	350	Gram(GM)	05-Jan-21
V000007881	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	350	Gram(GM)	05-Jan-21
V000007866	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	350	Gram(GM)	05-Jan-21
V000007876	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	350	Gram(GM)	05-Jan-21
V000007868	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	350	Gram(GM)	05-Jan-21
V000007869	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	350	Gram(GM)	05-Jan-21
V00000786A	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	350	Gram(GM)	05-Jan-21
V00000786B	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	350	Gram(GM)	05-Jan-21
V00000786C	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	350	Gram(GM)	05-Jan-21
V00000786D	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	350	Gram(GM)	05-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000007873	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	350	Gram(GM)	05-Jan-21
V000007874	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	350	Gram(GM)	05-Jan-21
V000007872	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	350	Gram(GM)	05-Jan-21
V000007871	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	350	Gram(GM)	05-Jan-21
V000007870	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	350	Gram(GM)	05-Jan-21
V00000786F	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	350	Gram(GM)	05-Jan-21
V00000786E	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	350	Gram(GM)	05-Jan-21
V000007875	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	350	Gram(GM)	05-Jan-21
V00000789C	-	LPS 1 GREASELESS LUBRICANT	312	Gram(GM)	05-Jan-21
V0000078AA	-	LPS 1 GREASELESS LUBRICANT	312	Gram(GM)	05-Jan-21
V0000078A5	-	LPS 1 GREASELESS LUBRICANT	312	Gram(GM)	05-Jan-21
V00000789D	-	LPS 1 GREASELESS LUBRICANT	312	Gram(GM)	05-Jan-21
V00000789E	-	LPS 1 GREASELESS LUBRICANT	312	Gram(GM)	05-Jan-21
V00000789F	-	LPS 1 GREASELESS LUBRICANT	312	Gram(GM)	05-Jan-21
V0000078A0	-	LPS 1 GREASELESS LUBRICANT	312	Gram(GM)	05-Jan-21
V0000078A2	-	LPS 1 GREASELESS LUBRICANT	312	Gram(GM)	05-Jan-21
V0000078A4	-	LPS 1 GREASELESS LUBRICANT	312	Gram(GM)	05-Jan-21
V0000078A6	-	LPS 1 GREASELESS LUBRICANT	312	Gram(GM)	05-Jan-21
V0000078A7	-	LPS 1 GREASELESS LUBRICANT	312	Gram(GM)	05-Jan-21
V0000078AD	-	LPS 1 GREASELESS LUBRICANT	312	Gram(GM)	05-Jan-21
V0000078A9	-	LPS 1 GREASELESS LUBRICANT	312	Gram(GM)	05-Jan-21
V00000789B	-	LPS 1 GREASELESS LUBRICANT	312	Gram(GM)	05-Jan-21
V0000078AB	-	LPS 1 GREASELESS LUBRICANT	312	Gram(GM)	05-Jan-21
V0000078AC	-	LPS 1 GREASELESS LUBRICANT	312	Gram(GM)	05-Jan-21
V0000078A1	-	LPS 1 GREASELESS LUBRICANT	312	Gram(GM)	05-Jan-21
V0000078A8	-	LPS 1 GREASELESS LUBRICANT	312	Gram(GM)	05-Jan-21
V00000788F	-	LPS 1 GREASELESS LUBRICANT	312	Gram(GM)	05-Jan-21
V00000789A	-	LPS 1 GREASELESS LUBRICANT	312	Gram(GM)	05-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V0000078A3	-	LPS 1 GREASELESS LUBRICANT	312	Gram(GM)	05-Jan-21
V00000788A	-	LPS 1 GREASELESS LUBRICANT	312	Gram(GM)	05-Jan-21
V00000788B	-	LPS 1 GREASELESS LUBRICANT	312	Gram(GM)	05-Jan-21
V00000788C	-	LPS 1 GREASELESS LUBRICANT	312	Gram(GM)	05-Jan-21
V00000788D	-	LPS 1 GREASELESS LUBRICANT	312	Gram(GM)	05-Jan-21
V00000788E	-	LPS 1 GREASELESS LUBRICANT	312	Gram(GM)	05-Jan-21
V000007890	-	LPS 1 GREASELESS LUBRICANT	312	Gram(GM)	05-Jan-21
V000007891	-	LPS 1 GREASELESS LUBRICANT	312	Gram(GM)	05-Jan-21
V000007896	-	LPS 1 GREASELESS LUBRICANT	312	Gram(GM)	05-Jan-21
V000007899	-	LPS 1 GREASELESS LUBRICANT	312	Gram(GM)	05-Jan-21
V000007898	-	LPS 1 GREASELESS LUBRICANT	312	Gram(GM)	05-Jan-21
V000007897	-	LPS 1 GREASELESS LUBRICANT	312	Gram(GM)	05-Jan-21
V000007892	-	LPS 1 GREASELESS LUBRICANT	312	Gram(GM)	05-Jan-21
V000007895	-	LPS 1 GREASELESS LUBRICANT	312	Gram(GM)	05-Jan-21
V000007894	-	LPS 1 GREASELESS LUBRICANT	312	Gram(GM)	05-Jan-21
V000007893	-	LPS 1 GREASELESS LUBRICANT	312	Gram(GM)	05-Jan-21
0001611574	994-30-9	CHLOROTRIETHYLSILANE	25	Gram(GM)	05-Jan-21
0001611575	-	Buffer Reference Standard	1	Liters(L)	05-Jan-21
0001611577	-	Buffer Reference Standard	1	Liters(L)	05-Jan-21
0001611576	-	Buffer Reference Standard	1	Liters(L)	05-Jan-21
0001640544	-	GROUND CORN COB	15	Pounds(LB)	06-Jan-21
0001640545	-	GROUND CORN COB	15	Pounds(LB)	06-Jan-21
0001640542	-	MOBIL DTE OIL LIGHT	5	Gallon(GAL)	06-Jan-21
0001640543	-	MOBIL DTE OIL LIGHT	5	Gallon(GAL)	06-Jan-21
0001640391	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10.1	Ounces(OZ)	06-Jan-21
0001640392	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10.1	Ounces(OZ)	06-Jan-21
0001640393	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10.1	Ounces(OZ)	06-Jan-21
0001640394	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10.1	Ounces(OZ)	06-Jan-21
0001640395	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10.1	Ounces(OZ)	06-Jan-21
0001640396	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10.1	Ounces(OZ)	06-Jan-21
0001640397	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10.1	Ounces(OZ)	06-Jan-21
0001640399	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10.1	Ounces(OZ)	06-Jan-21
0001640400	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10.1	Ounces(OZ)	06-Jan-21
0001640398	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10.1	Ounces(OZ)	06-Jan-21
0001640401	-	Cross Check - All Colors	1	Ounces(OZ)	06-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001640403	-	Cross Check - All Colors	1	Ounces(OZ)	06-Jan-21
0001640402	-	Cross Check - All Colors	1	Ounces(OZ)	06-Jan-21
0001640404	-	Cross Check - All Colors	1	Ounces(OZ)	06-Jan-21
0001640405	-	Cross Check - All Colors	1	Ounces(OZ)	06-Jan-21
0001640406	-	Cross Check - All Colors	1	Ounces(OZ)	06-Jan-21
0001640538	-	Blasolube 301 Universal Grease	400	Gram(GM)	06-Jan-21
0001640541	-	Blasolube 301 Universal Grease	400	Gram(GM)	06-Jan-21
0001640539	-	Blasolube 301 Universal Grease	400	Gram(GM)	06-Jan-21
0001640540	-	Blasolube 301 Universal Grease	400	Gram(GM)	06-Jan-21
0001664074	12120-15-9	ETHYLENEBIS(TRIPHENYLPHOSPHINE)PLATINUM(0)	52	Pounds(LB)	06-Jan-21
0001640390	-	LOCTITE 454 INSTANT ADHESIVE GEL	0.14	Ounces(OZ)	06-Jan-21
0001640546	-	Loctite 380	1	Ounces(OZ)	06-Jan-21
0001640547	-	Loctite 380	1	Ounces(OZ)	06-Jan-21
0001640548	-	Loctite 380	1	Ounces(OZ)	06-Jan-21
0001640549	-	3M Scotch-Weld Instant Adhesive CA5 Clear	1	Ounces(OZ)	06-Jan-21
0001611578	7447-40-7	POTASSIUM CHLORIDE	500	Milliliter(ML)	06-Jan-21
0001611579	-	KRYTOX 240AC FLUORINATED GREASE	2	Ounces(OZ)	06-Jan-21
0001611580	67-63-0	ISOPROPYL ALCOHOL	1	Liters(L)	06-Jan-21
0001611581	3109-63-5	TETRABUTYLAMMONIUM HEXAFLUOROPHOSPHATE	25	Gram(GM)	06-Jan-21
0001611582	3698-83-7	1 5-Dichloro-2 4-dinitrobenzene	25	Gram(GM)	06-Jan-21
0001611583	3698-83-7	1 5-Dichloro-2 4-dinitrobenzene	25	Gram(GM)	06-Jan-21
0001611584	-	CircuitWorks Rosin Flux Remover Pen	9	Gram(GM)	06-Jan-21
0001611586	-	CircuitWorks Rosin Flux Remover Pen	9	Gram(GM)	06-Jan-21
0001611587	-	CircuitWorks Rosin Flux Remover Pen	9	Gram(GM)	06-Jan-21
0001611588	-	CircuitWorks Rosin Flux Remover Pen	9	Gram(GM)	06-Jan-21
0001611589	-	CircuitWorks Rosin Flux Remover Pen	9	Gram(GM)	06-Jan-21
0001611591	-	CircuitWorks Rosin Flux Remover Pen	9	Gram(GM)	06-Jan-21
0001611590	-	CircuitWorks Rosin Flux Remover Pen	9	Gram(GM)	06-Jan-21
0001611585	-	CircuitWorks Rosin Flux Remover Pen	9	Gram(GM)	06-Jan-21
0001657188	-	1.5% Methane/Balance Nitrogen	34	Liters(L)	06-Jan-21
0001657189	-	1.5% Methane/Balance Nitrogen	34	Liters(L)	06-Jan-21
0001657190	7727-37-9	NITROGEN GAS	34	Liters(L)	06-Jan-21
0001657191	7727-37-9	NITROGEN GAS	34	Liters(L)	06-Jan-21
0001657192	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Jan-21
0001657198	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Jan-21
0001657199	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Jan-21
0001657195	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Jan-21
0001657197	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Jan-21
0001657194	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Jan-21
0001657193	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Jan-21
0001657196	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Jan-21
0001657200	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Jan-21
0001657201	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001657202	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Jan-21
0001657204	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Jan-21
0001657203	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Jan-21
0001657211	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Jan-21
0001657206	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Jan-21
0001657207	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Jan-21
0001657208	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Jan-21
0001657213	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Jan-21
0001657210	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Jan-21
0001657212	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Jan-21
0001657205	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Jan-21
0001657214	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Jan-21
0001657215	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Jan-21
0001657216	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Jan-21
0001657217	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Jan-21
0001657218	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Jan-21
0001657219	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Jan-21
0001657209	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Jan-21
0001657220	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	06-Jan-21
0001657233	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	06-Jan-21
0001657223	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	06-Jan-21
0001657235	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	06-Jan-21
0001657234	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	06-Jan-21
0001657221	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	06-Jan-21
0001657227	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	06-Jan-21
0001657228	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	06-Jan-21
0001657229	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	06-Jan-21
0001657230	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	06-Jan-21
0001657231	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	06-Jan-21
0001657232	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	06-Jan-21
0001657226	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	06-Jan-21
0001657222	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	06-Jan-21
0001657224	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	06-Jan-21
0001657225	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	06-Jan-21
0001657236	-	Compressed Air	220	Cubic Feet(CF)	06-Jan-21
0001657238	-	Compressed Air	220	Cubic Feet(CF)	06-Jan-21
0001657239	-	Compressed Air	220	Cubic Feet(CF)	06-Jan-21
0001657240	-	Compressed Air	220	Cubic Feet(CF)	06-Jan-21
0001657237	-	Compressed Air	220	Cubic Feet(CF)	06-Jan-21
0001657241	-	Compressed Air	220	Cubic Feet(CF)	06-Jan-21
0001657242	-	Compressed Air	220	Cubic Feet(CF)	06-Jan-21
0001657243	-	Compressed Air	220	Cubic Feet(CF)	06-Jan-21
0001657244	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	06-Jan-21
0001657245	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	06-Jan-21
0001657246	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	06-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001657247	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	06-Jan-21
0001657248	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	06-Jan-21
0001657249	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	06-Jan-21
0001657250	-	ARGON GAS	220	Cubic Feet(CF)	06-Jan-21
0001657260	-	ARGON GAS	220	Cubic Feet(CF)	06-Jan-21
0001657264	-	ARGON GAS	220	Cubic Feet(CF)	06-Jan-21
0001657263	-	ARGON GAS	220	Cubic Feet(CF)	06-Jan-21
0001657261	-	ARGON GAS	220	Cubic Feet(CF)	06-Jan-21
0001657254	-	ARGON GAS	220	Cubic Feet(CF)	06-Jan-21
0001657259	-	ARGON GAS	220	Cubic Feet(CF)	06-Jan-21
0001657258	-	ARGON GAS	220	Cubic Feet(CF)	06-Jan-21
0001657257	-	ARGON GAS	220	Cubic Feet(CF)	06-Jan-21
0001657256	-	ARGON GAS	220	Cubic Feet(CF)	06-Jan-21
0001657255	-	ARGON GAS	220	Cubic Feet(CF)	06-Jan-21
0001657251	-	ARGON GAS	220	Cubic Feet(CF)	06-Jan-21
0001657252	-	ARGON GAS	220	Cubic Feet(CF)	06-Jan-21
0001657253	-	ARGON GAS	220	Cubic Feet(CF)	06-Jan-21
0001657262	-	ARGON GAS	220	Cubic Feet(CF)	06-Jan-21
0001657265	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Jan-21
0001657285	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Jan-21
0001657283	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Jan-21
0001657274	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Jan-21
0001657275	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Jan-21
0001657276	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Jan-21
0001657277	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Jan-21
0001657278	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Jan-21
0001657279	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Jan-21
0001657280	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Jan-21
0001657281	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Jan-21
0001657271	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Jan-21
0001657282	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Jan-21
0001657273	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Jan-21
0001657284	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Jan-21
0001657286	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Jan-21
0001657270	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Jan-21
0001657269	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Jan-21
0001657268	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Jan-21
0001657267	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Jan-21
0001657266	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Jan-21
0001657272	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Jan-21
0001657289	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Jan-21
0001657294	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Jan-21
0001657293	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Jan-21
0001657292	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Jan-21
0001657290	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001657288	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Jan-21
0001657287	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Jan-21
0001657291	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Jan-21
0001657297	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Jan-21
0001657301	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Jan-21
0001657300	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Jan-21
0001657298	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Jan-21
0001657296	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Jan-21
0001657295	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Jan-21
0001657299	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Jan-21
0001657302	-	95% NITROGEN/5% HYDROGEN	220	Cubic Feet(CF)	06-Jan-21
0001657310	-	95% NITROGEN/5% HYDROGEN	220	Cubic Feet(CF)	06-Jan-21
0001657309	-	95% NITROGEN/5% HYDROGEN	220	Cubic Feet(CF)	06-Jan-21
0001657308	-	95% NITROGEN/5% HYDROGEN	220	Cubic Feet(CF)	06-Jan-21
0001657307	-	95% NITROGEN/5% HYDROGEN	220	Cubic Feet(CF)	06-Jan-21
0001657305	-	95% NITROGEN/5% HYDROGEN	220	Cubic Feet(CF)	06-Jan-21
0001657304	-	95% NITROGEN/5% HYDROGEN	220	Cubic Feet(CF)	06-Jan-21
0001657303	-	95% NITROGEN/5% HYDROGEN	220	Cubic Feet(CF)	06-Jan-21
0001657306	-	95% NITROGEN/5% HYDROGEN	220	Cubic Feet(CF)	06-Jan-21
0001657330	-	95% NITROGEN/5% HYDROGEN	220	Cubic Feet(CF)	06-Jan-21
0001657331	-	95% NITROGEN/5% HYDROGEN	220	Cubic Feet(CF)	06-Jan-21
0001657311	74-98-6	PROPANE	11	Gallon(GAL)	06-Jan-21
0001657312	74-98-6	PROPANE	11	Gallon(GAL)	06-Jan-21
0001657313	74-98-6	PROPANE	11	Gallon(GAL)	06-Jan-21
0001657314	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	06-Jan-21
0001657321	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	06-Jan-21
0001657316	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	06-Jan-21
0001657315	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	06-Jan-21
0001657318	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	06-Jan-21
0001657320	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	06-Jan-21
0001657322	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	06-Jan-21
0001657317	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	06-Jan-21
0001657319	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	06-Jan-21
0001657324	74-86-2	ACETYLENE STABILIZED	20	Cubic Feet(CF)	06-Jan-21
0001657329	74-86-2	ACETYLENE STABILIZED	20	Cubic Feet(CF)	06-Jan-21
0001657328	74-86-2	ACETYLENE STABILIZED	20	Cubic Feet(CF)	06-Jan-21
0001657327	74-86-2	ACETYLENE STABILIZED	20	Cubic Feet(CF)	06-Jan-21
0001657325	74-86-2	ACETYLENE STABILIZED	20	Cubic Feet(CF)	06-Jan-21
0001657323	74-86-2	ACETYLENE STABILIZED	20	Cubic Feet(CF)	06-Jan-21
0001657326	74-86-2	ACETYLENE STABILIZED	20	Cubic Feet(CF)	06-Jan-21
0001611592	131747-63-2	4-Bromopyridine-2-carbaldehyde	5	Gram(GM)	06-Jan-21
0001611595	131747-63-2	4-Bromopyridine-2-carbaldehyde	5	Gram(GM)	06-Jan-21
0001611594	131747-63-2	4-Bromopyridine-2-carbaldehyde	5	Gram(GM)	06-Jan-21
0001611596	131747-63-2	4-Bromopyridine-2-carbaldehyde	5	Gram(GM)	06-Jan-21
0001611593	131747-63-2	4-Bromopyridine-2-carbaldehyde	5	Gram(GM)	06-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001611597	67-68-5	Qubit dsDNA BR Assay Kit	56	Milliliter(ML)	06-Jan-21
0001611598	20624-25-3	SODIUM DIETHYLDITHIOCARBAMATE TRIHYDRATE	100	Gram(GM)	06-Jan-21
0001611599	366-18-7	2 2'-Bipyridyl	10	Gram(GM)	06-Jan-21
0001611600	7782-40-3	Diamond Powder	250	Gram(GM)	06-Jan-21
0001611601	7782-40-3	Diamond Powder	250	Gram(GM)	06-Jan-21
0001657332	7440-59-7	HELIUM GAS	100	Liters(L)	06-Jan-21
0001657333	7440-59-7	HELIUM GAS	100	Liters(L)	06-Jan-21
0001611602	6268-49-1	4-Dimethylaminoazobenzene-4'-carboxylic acid	5	Gram(GM)	06-Jan-21
0001611603	927-74-2	3-BUTYN-1-OL	25	Gram(GM)	06-Jan-21
0001611604	162881-26-7	Phenylbis(2 4 6-trimethylbenzoyl)phosphine oxide	10	Gram(GM)	06-Jan-21
0001611605	5390-04-5	4-PENTYN-1-OL	25	Gram(GM)	06-Jan-21
0001611606	26628-22-8	SODIUM AZIDE	100	Gram(GM)	06-Jan-21
0001611607	26628-22-8	SODIUM AZIDE	100	Gram(GM)	06-Jan-21
0001611608	603-35-0	TRIPHENYLPHOSPHINE	500	Gram(GM)	06-Jan-21
0001611609	103305-01-7	Pentafluoroethylphosphonic acid	1	Gram(GM)	06-Jan-21
0001611610	103305-01-7	Pentafluoroethylphosphonic acid	1	Gram(GM)	06-Jan-21
0001611611	103305-01-7	Pentafluoroethylphosphonic acid	1	Gram(GM)	06-Jan-21
0001611612	103305-01-7	Pentafluoroethylphosphonic acid	1	Gram(GM)	06-Jan-21
0001611613	103305-01-7	Pentafluoroethylphosphonic acid	1	Gram(GM)	06-Jan-21
0001611614	10025-76-0	EUROPIUM(III) CHLORIDE	1	Gram(GM)	06-Jan-21
0001611615	5144-89-8	1 10-PHENANTHROLINE MONOHYDRATE	25	Gram(GM)	06-Jan-21
0001611616	1336-21-6	ammonium hydroxide	1	Liters(L)	06-Jan-21
0001611617	1336-21-6	ammonium hydroxide	1	Liters(L)	06-Jan-21
0001611618	9-62-2	3-PENTANONE	500	Milliliter(ML)	06-Jan-21
0001611619	553-24-2	NEUTRAL RED	1	Gram(GM)	06-Jan-21
0001611620	67-66-3	CHLOROFORM	100	Milliliter(ML)	06-Jan-21
0001611621	75-09-2	DICHLOROMETHANE	4	Liters(L)	06-Jan-21
0001611622	75-09-2	DICHLOROMETHANE	4	Liters(L)	06-Jan-21
0001611623	75-09-2	DICHLOROMETHANE	4	Liters(L)	06-Jan-21
0001611624	75-09-2	DICHLOROMETHANE	4	Liters(L)	06-Jan-21
0001611625	110-82-7	CYCLOHEXANE	20	Liters(L)	06-Jan-21
0001611626	110-82-7	CYCLOHEXANE	20	Liters(L)	06-Jan-21
0001611627	7697-37-2	NITRIC ACID	2.5	Liters(L)	06-Jan-21
0001611629	7697-37-2	NITRIC ACID	2.5	Liters(L)	06-Jan-21
0001611630	7697-37-2	NITRIC ACID	2.5	Liters(L)	06-Jan-21
0001611628	7697-37-2	NITRIC ACID	2.5	Liters(L)	06-Jan-21
0001611631	25928-81-8	Polybenzimidazole	1	Pounds(LB)	06-Jan-21
0001611632	-	HYDRANAL-Coulomat Oil	500	Milliliter(ML)	06-Jan-21
0001611633	-	HYDRANAL-Coulomat Oil	500	Milliliter(ML)	06-Jan-21
0001611634	-	HYDRANAL-Coulomat Oil	500	Milliliter(ML)	06-Jan-21
0001611635	14040-11-0	tungsten hexacarbonyl	5	Gram(GM)	06-Jan-21
0001611636	14243-64-2	chlorotriphenyl phosphine gold (1) 98%	5	Gram(GM)	06-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001611637	7732-38-2	O-PHOSPORIC ACID	500	Milliliter(ML)	06-Jan-21
0001611638	75-05-8	ACETONITRILE	1	Liters(L)	06-Jan-21
0001611639	14187-32-7	DIBENZO-18-CROWN-6	5	Gram(GM)	06-Jan-21
0001540798	-	MOBILITH SHC 460 SYNTHETIC GREASE	13.4	Ounces(OZ)	07-Jan-21
0001540800	-	MOBILITH SHC 460 SYNTHETIC GREASE	13.4	Ounces(OZ)	07-Jan-21
0001540799	-	MOBILITH SHC 460 SYNTHETIC GREASE	13.4	Ounces(OZ)	07-Jan-21
0001540801	-	PURELL INSTANT HAND SANITIZER	16	Ounces(OZ)	07-Jan-21
0001540802	-	PURELL INSTANT HAND SANITIZER	16	Ounces(OZ)	07-Jan-21
0001420147	-	PERMATEX ULTRA BLACK	3.35	Ounces(OZ)	07-Jan-21
0001646658	-	Hydrochloric Acid	2880	Milliliter(ML)	07-Jan-21
0001569391	-	DYNALUBE	5	Gallon(GAL)	07-Jan-21
0001569394	-	DYNALUBE	5	Gallon(GAL)	07-Jan-21
0001569393	-	DYNALUBE	5	Gallon(GAL)	07-Jan-21
0001569392	-	DYNALUBE	5	Gallon(GAL)	07-Jan-21
0001611640	7447-40-7	POTASSIUM CHLORIDE	1	Liters(L)	07-Jan-21
0001611641	7447-40-7	POTASSIUM CHLORIDE	1	Liters(L)	07-Jan-21
0001611642	10361-82-7	SAMARIUM TRICHLORIDE	10	Gram(GM)	07-Jan-21
0001611643	7789-41-5	CALCIUM BROMIDE	5	Gram(GM)	07-Jan-21
0001611644	7789-41-5	CALCIUM BROMIDE	5	Gram(GM)	07-Jan-21
0001611645	7647-15-6	SODIUM BROMIDE	25	Gram(GM)	07-Jan-21
0001611646	-	BUFFER SOLUTION PH 10.01	475	Milliliter(ML)	07-Jan-21
0001611647	-	REAGENT ALCOHOL	4	Liters(L)	07-Jan-21
0001611650	-	REAGENT ALCOHOL	4	Liters(L)	07-Jan-21
0001611649	-	REAGENT ALCOHOL	4	Liters(L)	07-Jan-21
0001611648	-	REAGENT ALCOHOL	4	Liters(L)	07-Jan-21
0001611651	1185-57-5	FERRIC AMMONIUM CITRATE	100	Gram(GM)	07-Jan-21
0001611652	4301-14-8	ETHYNYLMAGNESIUM BROMIDE	100	Milliliter(ML)	07-Jan-21
0001611653	-	Hydrochloric Acid	500	Milliliter(ML)	07-Jan-21
0001611655	-	Hydrochloric Acid	500	Milliliter(ML)	07-Jan-21
0001611654	-	Hydrochloric Acid	500	Milliliter(ML)	07-Jan-21
0001611656	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Liters(L)	07-Jan-21
0001611657	75-09-2	Methylene Chloride Optima	4	Liters(L)	07-Jan-21
0001611658	75-09-2	Methylene Chloride Optima	4	Liters(L)	07-Jan-21
0001611659	75-09-2	Methylene Chloride Optima	4	Liters(L)	07-Jan-21
0001611660	75-09-2	Methylene Chloride Optima	4	Liters(L)	07-Jan-21
0001611661	7439-97-6	MERCURY	5	Pounds(LB)	07-Jan-21
0001611679	7601-90-3	PERCHLORIC ACID	1	Liters(L)	07-Jan-21
0001611681	7601-90-3	PERCHLORIC ACID	1	Liters(L)	07-Jan-21
0001611680	7601-90-3	PERCHLORIC ACID	1	Liters(L)	07-Jan-21
0001611682	7601-90-3	PERCHLORIC ACID	1	Liters(L)	07-Jan-21
0001611683	7601-90-3	PERCHLORIC ACID	1	Liters(L)	07-Jan-21
0001611684	7601-90-3	PERCHLORIC ACID	1	Liters(L)	07-Jan-21
0001611685	7601-90-3	PERCHLORIC ACID	1	Liters(L)	07-Jan-21
0001611686	7601-90-3	PERCHLORIC ACID	1	Liters(L)	07-Jan-21
0001611687	7601-90-3	PERCHLORIC ACID	1	Liters(L)	07-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001608003	7758-05-6	POTASSIUM IODATE	100	Gram(GM)	07-Jan-21
0001608004	7681-49-4	SODIUM FLUORIDE	500	Gram(GM)	08-Jan-21
0001608005	77-09-8	PHENOLPHTHALEIN	100	Gram(GM)	08-Jan-21
0001608006	76-59-5	BROMOTHYMOL BLUE	10	Gram(GM)	08-Jan-21
0001610836	-	Hydrochloric Acid	1	Liters(L)	08-Jan-21
0001610837	1310-73-2	SODIUM HYDROXIDE	1	Liters(L)	08-Jan-21
0001611662	6156-78-1	Manganese(II) acetate tetrahydrate (99.999%-Mn) PURATREM	5	Gram(GM)	08-Jan-21
0001611663	6156-78-1	Manganese(II) acetate tetrahydrate (99.999%-Mn) PURATREM	5	Gram(GM)	08-Jan-21
0001664075	584-84-9	TOLUENE-2 4-DIISOCYANATE	7.6	Liters(L)	08-Jan-21
0001611664	15529-90-5	Chloro(triethylphosphine)gold(I)	1	Gram(GM)	08-Jan-21
0001611665	75-07-0	ACETALDEHYDE	1	Liters(L)	08-Jan-21
0001611666	13813-24-6	NEODYMIUM(III) IODIDE	1	Gram(GM)	08-Jan-21
0001611667	937-14-4	3-CHLOROPEROXYBENZOIC ACID	100	Gram(GM)	08-Jan-21
0001611668	7790-87-6	CERIUM (III) IODIDE	1	Gram(GM)	08-Jan-21
0001611669	67-63-0	ISOPROPANOL (2-PROPANOL)	4	Liters(L)	08-Jan-21
0001611672	67-63-0	ISOPROPANOL (2-PROPANOL)	4	Liters(L)	08-Jan-21
0001611671	67-63-0	ISOPROPANOL (2-PROPANOL)	4	Liters(L)	08-Jan-21
0001611670	67-63-0	ISOPROPANOL (2-PROPANOL)	4	Liters(L)	08-Jan-21
0001611673	-	4 4-difluoro-1 3 5 7-tetramethyl- 4-bora-3a 4a-diaza-s-indacene (BODIPY 505/515)	10	Milligram(MG)	08-Jan-21
0001611674	13939-06-5	MOLYBDENUM CARBONYL	10	Gram(GM)	08-Jan-21
0001611675	-	VEROCLEAR RGD810	1	Kilograms(KG)	08-Jan-21
0001611676	-	VEROCLEAR RGD810	1	Kilograms(KG)	08-Jan-21
0001611677	1259-35-4	TRIS(PENTAFLUOROPHENYL)PHOSPHINE	5	Gram(GM)	08-Jan-21
0001611678	6737-42-4	BIS(1 3-DIPHENYLPHOSPHINO)PROPANE	5	Gram(GM)	08-Jan-21
0001611751	6484-52-2	AMMONIUM NITRATE	500	Gram(GM)	08-Jan-21
0001611752	1112-67-0	TETRABUTYLAMMONIUM CHLORIDE	25	Gram(GM)	08-Jan-21
0001611753	102-54-5	FERROCENE	5	Gram(GM)	08-Jan-21
0001611754	102-54-5	FERROCENE	5	Gram(GM)	08-Jan-21
0001611755	13477-89-9	NEODYMIUM(III) CHLORIDE HEXAHYDRATE	25	Gram(GM)	08-Jan-21
0001611761	7704-34-9	SULFUR	50	Gram(GM)	08-Jan-21
0001611762	10043-52-4	CALCIUM CHLORIDE	50	Gram(GM)	08-Jan-21
0001611763	10043-52-4	CALCIUM CHLORIDE	50	Gram(GM)	08-Jan-21
0001611764	7758-02-3	POTASSIUM BROMIDE	25	Gram(GM)	08-Jan-21
0001611765	-	Hydrochloric Acid	500	Milliliter(ML)	08-Jan-21
0001611766	-	Hydrochloric Acid	500	Milliliter(ML)	08-Jan-21
0001611767	-	SYLGARD 182 SILICONE ELASTOMER KIT	0.5	Kilograms(KG)	08-Jan-21
0001611768	-	SYLGARD 182 SILICONE ELASTOMER KIT	0.5	Kilograms(KG)	08-Jan-21
0001611769	-	SYLGARD 182 SILICONE ELASTOMER KIT	0.5	Kilograms(KG)	08-Jan-21
0001611770	-	SYLGARD 182 SILICONE ELASTOMER KIT	0.5	Kilograms(KG)	08-Jan-21
0001611771	-	PUMP OIL VACUUM	1	Liters(L)	08-Jan-21
0001611779	-	PUMP OIL VACUUM	1	Liters(L)	08-Jan-21
0001611780	-	PUMP OIL VACUUM	1	Liters(L)	08-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001611777	-	PUMP OIL VACUUM	1	Liters(L)	08-Jan-21
0001611781	-	PUMP OIL VACUUM	1	Liters(L)	08-Jan-21
0001611775	-	PUMP OIL VACUUM	1	Liters(L)	08-Jan-21
0001611782	-	PUMP OIL VACUUM	1	Liters(L)	08-Jan-21
0001611778	-	PUMP OIL VACUUM	1	Liters(L)	08-Jan-21
0001611776	-	PUMP OIL VACUUM	1	Liters(L)	08-Jan-21
0001611774	-	PUMP OIL VACUUM	1	Liters(L)	08-Jan-21
0001611773	-	PUMP OIL VACUUM	1	Liters(L)	08-Jan-21
0001611772	-	PUMP OIL VACUUM	1	Liters(L)	08-Jan-21
0001611783	144-55-8	SODIUM BICARBONATE	10	Kilograms(KG)	08-Jan-21
0001611784	701-99-5	Phenoxyacetyl Chloride	25	Gram(GM)	08-Jan-21
0001611785	50-89-5	THYMIDINE	100	Gram(GM)	08-Jan-21
0001611810	67-64-1	ACETONE	4	Liters(L)	08-Jan-21
0001611812	67-64-1	ACETONE	4	Liters(L)	08-Jan-21
0001611813	67-64-1	ACETONE	4	Liters(L)	08-Jan-21
0001611811	67-64-1	ACETONE	4	Liters(L)	08-Jan-21
0001611814	-	Hydrochloric Acid	500	Milliliter(ML)	08-Jan-21
0001611815	-	Hydrochloric Acid	500	Milliliter(ML)	08-Jan-21
0001611816	7789-23-3	POTASSIUM FLUORIDE	250	Gram(GM)	08-Jan-21
0001611817	-	Buffer Solution (Biphthalate) pH 4	500	Milliliter(ML)	08-Jan-21
0001611818	14243-64-2	CHLORO(TRIPEHNYLPHOSPHINE)GOLD(I) 99.9	1	Gram(GM)	08-Jan-21
0001611819	-	VEROBLACKPLUS RGD875	3.6	Kilograms(KG)	08-Jan-21
0001611820	-	VEROBLACKPLUS RGD875	3.6	Kilograms(KG)	08-Jan-21
0001611821	129-00-0	PYRENE	10	Gram(GM)	08-Jan-21
0001611822	7601-90-3	PERCHLORIC ACID	1	Liters(L)	08-Jan-21
0001611823	7601-90-3	PERCHLORIC ACID	1	Liters(L)	08-Jan-21
0001611824	7601-90-3	PERCHLORIC ACID	1	Liters(L)	08-Jan-21
0001611825	7601-90-3	PERCHLORIC ACID	1	Liters(L)	08-Jan-21
0001611826	141-78-6	ETHYL ACETATE	4	Liters(L)	08-Jan-21
0001611831	141-78-6	ETHYL ACETATE	4	Liters(L)	08-Jan-21
0001611832	141-78-6	ETHYL ACETATE	4	Liters(L)	08-Jan-21
0001611830	141-78-6	ETHYL ACETATE	4	Liters(L)	08-Jan-21
0001611829	141-78-6	ETHYL ACETATE	4	Liters(L)	08-Jan-21
0001611827	141-78-6	ETHYL ACETATE	4	Liters(L)	08-Jan-21
0001611828	141-78-6	ETHYL ACETATE	4	Liters(L)	08-Jan-21
0001611833	68-12-2	N N-DIMETHYLFORMAMIDE	4	Liters(L)	08-Jan-21
0001611843	68-12-2	N N-DIMETHYLFORMAMIDE	4	Liters(L)	08-Jan-21
0001611834	68-12-2	N N-DIMETHYLFORMAMIDE	4	Liters(L)	08-Jan-21
0001611835	68-12-2	N N-DIMETHYLFORMAMIDE	4	Liters(L)	08-Jan-21
0001611836	68-12-2	N N-DIMETHYLFORMAMIDE	4	Liters(L)	08-Jan-21
0001611837	68-12-2	N N-DIMETHYLFORMAMIDE	4	Liters(L)	08-Jan-21
0001611838	68-12-2	N N-DIMETHYLFORMAMIDE	4	Liters(L)	08-Jan-21
0001611839	68-12-2	N N-DIMETHYLFORMAMIDE	4	Liters(L)	08-Jan-21
0001611840	68-12-2	N N-DIMETHYLFORMAMIDE	4	Liters(L)	08-Jan-21
0001611842	68-12-2	N N-DIMETHYLFORMAMIDE	4	Liters(L)	08-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001611844	68-12-2	N N-DIMETHYLFORMAMIDE	4	Liters(L)	08-Jan-21
0001611841	68-12-2	N N-DIMETHYLFORMAMIDE	4	Liters(L)	08-Jan-21
0001611845	81290-20-2	Trimethyl(trifluoromethyl)silane	25	Gram(GM)	08-Jan-21
0001611846	81290-20-2	Trimethyl(trifluoromethyl)silane	25	Gram(GM)	08-Jan-21
0001611847	81290-20-2	Trimethyl(trifluoromethyl)silane	25	Gram(GM)	08-Jan-21
0001611848	64-18-6	FORMIC ACID	500	Milliliter(ML)	08-Jan-21
0001423799	-	PSX 700 CURE	0.76	Liters(L)	11-Jan-21
0001423801	-	PSX 700 CURE	0.76	Liters(L)	11-Jan-21
0001423800	-	PSX 700 CURE	0.76	Liters(L)	11-Jan-21
0001423802	-	PSX 700 SAFETY YELLOW 1979 RESIN	3.03	Liters(L)	11-Jan-21
0001423803	-	PSX 700 SAFETY YELLOW 1979 RESIN	3.03	Liters(L)	11-Jan-21
0001423804	-	PSX 700 SAFETY YELLOW 1979 RESIN	3.03	Liters(L)	11-Jan-21
0001610862	-	NITRIC ACID BLAND STANDARD	25	Milliliter(ML)	11-Jan-21
0001610884	-	NITRIC ACID BLAND STANDARD	25	Milliliter(ML)	11-Jan-21
0001610877	-	NITRIC ACID BLAND STANDARD	25	Milliliter(ML)	11-Jan-21
0001610886	-	NITRIC ACID BLAND STANDARD	25	Milliliter(ML)	11-Jan-21
0001610885	-	NITRIC ACID BLAND STANDARD	25	Milliliter(ML)	11-Jan-21
0001610873	-	NITRIC ACID BLAND STANDARD	25	Milliliter(ML)	11-Jan-21
0001610864	-	NITRIC ACID BLAND STANDARD	25	Milliliter(ML)	11-Jan-21
0001610865	-	NITRIC ACID BLAND STANDARD	25	Milliliter(ML)	11-Jan-21
0001610866	-	NITRIC ACID BLAND STANDARD	25	Milliliter(ML)	11-Jan-21
0001610867	-	NITRIC ACID BLAND STANDARD	25	Milliliter(ML)	11-Jan-21
0001610868	-	NITRIC ACID BLAND STANDARD	25	Milliliter(ML)	11-Jan-21
0001610869	-	NITRIC ACID BLAND STANDARD	25	Milliliter(ML)	11-Jan-21
0001610870	-	NITRIC ACID BLAND STANDARD	25	Milliliter(ML)	11-Jan-21
0001610863	-	NITRIC ACID BLAND STANDARD	25	Milliliter(ML)	11-Jan-21
0001610872	-	NITRIC ACID BLAND STANDARD	25	Milliliter(ML)	11-Jan-21
0001610883	-	NITRIC ACID BLAND STANDARD	25	Milliliter(ML)	11-Jan-21
0001610874	-	NITRIC ACID BLAND STANDARD	25	Milliliter(ML)	11-Jan-21
0001610875	-	NITRIC ACID BLAND STANDARD	25	Milliliter(ML)	11-Jan-21
0001610876	-	NITRIC ACID BLAND STANDARD	25	Milliliter(ML)	11-Jan-21
0001610880	-	NITRIC ACID BLAND STANDARD	25	Milliliter(ML)	11-Jan-21
0001610879	-	NITRIC ACID BLAND STANDARD	25	Milliliter(ML)	11-Jan-21
0001610881	-	NITRIC ACID BLAND STANDARD	25	Milliliter(ML)	11-Jan-21
0001610882	-	NITRIC ACID BLAND STANDARD	25	Milliliter(ML)	11-Jan-21
0001610871	-	NITRIC ACID BLAND STANDARD	25	Milliliter(ML)	11-Jan-21
0001610878	-	NITRIC ACID BLAND STANDARD	25	Milliliter(ML)	11-Jan-21
0001459668	-	EPOXY RESIN CURING AGENT	4	Gallon(GAL)	11-Jan-21
0001459669	-	EPOXY RESIN CURING AGENT	4	Gallon(GAL)	11-Jan-21
0001459670	-	EPOXY RESIN CURING AGENT	4	Gallon(GAL)	11-Jan-21
0001459671	-	EPOXY RESIN CURING AGENT	4	Gallon(GAL)	11-Jan-21
0001459672	68410-23-1	VERSAMID 140	1	Quarts(QT)	11-Jan-21
0001611756	-	Polyclear Fluid	2.5	Gallon(GAL)	12-Jan-21
0001611757	-	Polyclear Fluid	2.5	Gallon(GAL)	12-Jan-21
0001611758	-	Polyclear Fluid	2.5	Gallon(GAL)	12-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001611759	-	Polyclear Fluid	2.5	Gallon(GAL)	12-Jan-21
0001611760	-	Polyclear Fluid	2.5	Gallon(GAL)	12-Jan-21
0001611786	-	DST - GENERAL PURPOSE DUST REMOVER	10	Ounces(OZ)	12-Jan-21
0001611802	-	DST - GENERAL PURPOSE DUST REMOVER	10	Ounces(OZ)	12-Jan-21
0001611807	-	DST - GENERAL PURPOSE DUST REMOVER	10	Ounces(OZ)	12-Jan-21
0001611796	-	DST - GENERAL PURPOSE DUST REMOVER	10	Ounces(OZ)	12-Jan-21
0001611794	-	DST - GENERAL PURPOSE DUST REMOVER	10	Ounces(OZ)	12-Jan-21
0001611797	-	DST - GENERAL PURPOSE DUST REMOVER	10	Ounces(OZ)	12-Jan-21
0001611808	-	DST - GENERAL PURPOSE DUST REMOVER	10	Ounces(OZ)	12-Jan-21
0001611801	-	DST - GENERAL PURPOSE DUST REMOVER	10	Ounces(OZ)	12-Jan-21
0001611800	-	DST - GENERAL PURPOSE DUST REMOVER	10	Ounces(OZ)	12-Jan-21
0001611799	-	DST - GENERAL PURPOSE DUST REMOVER	10	Ounces(OZ)	12-Jan-21
0001611798	-	DST - GENERAL PURPOSE DUST REMOVER	10	Ounces(OZ)	12-Jan-21
0001611809	-	DST - GENERAL PURPOSE DUST REMOVER	10	Ounces(OZ)	12-Jan-21
0001611789	-	DST - GENERAL PURPOSE DUST REMOVER	10	Ounces(OZ)	12-Jan-21
0001611795	-	DST - GENERAL PURPOSE DUST REMOVER	10	Ounces(OZ)	12-Jan-21
0001611793	-	DST - GENERAL PURPOSE DUST REMOVER	10	Ounces(OZ)	12-Jan-21
0001611803	-	DST - GENERAL PURPOSE DUST REMOVER	10	Ounces(OZ)	12-Jan-21
0001611792	-	DST - GENERAL PURPOSE DUST REMOVER	10	Ounces(OZ)	12-Jan-21
0001611804	-	DST - GENERAL PURPOSE DUST REMOVER	10	Ounces(OZ)	12-Jan-21
0001611787	-	DST - GENERAL PURPOSE DUST REMOVER	10	Ounces(OZ)	12-Jan-21
0001611788	-	DST - GENERAL PURPOSE DUST REMOVER	10	Ounces(OZ)	12-Jan-21
0001611805	-	DST - GENERAL PURPOSE DUST REMOVER	10	Ounces(OZ)	12-Jan-21
0001611806	-	DST - GENERAL PURPOSE DUST REMOVER	10	Ounces(OZ)	12-Jan-21
0001611791	-	DST - GENERAL PURPOSE DUST REMOVER	10	Ounces(OZ)	12-Jan-21
0001611790	-	DST - GENERAL PURPOSE DUST REMOVER	10	Ounces(OZ)	12-Jan-21
0001646659	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	12-Jan-21
0001646660	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	12-Jan-21
0001540803	-	PALLADIUM-BARIUM SULFATE	55	Pounds(LB)	12-Jan-21
0001540804	-	PALLADIUM-BARIUM SULFATE	55	Pounds(LB)	12-Jan-21
0001540807	-	PALLADIUM-BARIUM SULFATE	55	Pounds(LB)	12-Jan-21
0001540805	-	PALLADIUM-BARIUM SULFATE	55	Pounds(LB)	12-Jan-21
0001540806	-	PALLADIUM-BARIUM SULFATE	55	Pounds(LB)	12-Jan-21
0001646601	-	BUFFER SOLUTION PH 4.00	5	Gallon(GAL)	13-Jan-21
0001058643	-	R-Grade Sodium	3.1	Kilograms(KG)	13-Jan-21
0001646454	-	Hydrochloric Acid	325	Milliliter(ML)	13-Jan-21
0001646456	-	Hydrochloric Acid	160	Milliliter(ML)	13-Jan-21
0001646459	-	Hydrochloric Acid	160	Milliliter(ML)	13-Jan-21
0001646460	-	Hydrochloric Acid	160	Milliliter(ML)	13-Jan-21
0001646458	-	Hydrochloric Acid	160	Milliliter(ML)	13-Jan-21
0001646457	-	Hydrochloric Acid	160	Milliliter(ML)	13-Jan-21
0001646461	-	Hydrochloric Acid	731.25	Milliliter(ML)	13-Jan-21
0001646455	-	SODIUM HYDROXIDE	5600	Milliliter(ML)	13-Jan-21
0001646464	-	SODIUM HYDROXIDE	200	Milliliter(ML)	13-Jan-21
0001646463	-	SODIUM HYDROXIDE	2100	Milliliter(ML)	13-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001646462	-	SODIUM HYDROXIDE	2700	Milliliter(ML)	13-Jan-21
0001646465	-	SODIUM HYDROXIDE	1800	Milliliter(ML)	13-Jan-21
0001657334	-	Compressed Air	3.7	Cubic Feet(CF)	13-Jan-21
0001657335	-	Compressed Air	3.7	Cubic Feet(CF)	13-Jan-21
0001657336	124-38-9	CARBON DIOXIDE GAS	0.461	Cubic Feet(CF)	13-Jan-21
0001657339	124-38-9	CARBON DIOXIDE GAS	0.461	Cubic Feet(CF)	13-Jan-21
0001657338	124-38-9	CARBON DIOXIDE GAS	0.461	Cubic Feet(CF)	13-Jan-21
0001657337	124-38-9	CARBON DIOXIDE GAS	0.461	Cubic Feet(CF)	13-Jan-21
0001657340	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Jan-21
0001657342	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Jan-21
0001657357	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Jan-21
0001657371	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Jan-21
0001657370	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Jan-21
0001657369	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Jan-21
0001657368	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Jan-21
0001657367	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Jan-21
0001657366	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Jan-21
0001657365	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Jan-21
0001657364	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Jan-21
0001657363	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Jan-21
0001657362	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Jan-21
0001657361	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Jan-21
0001657360	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Jan-21
0001657358	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Jan-21
0001657350	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Jan-21
0001657343	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001657344	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Jan-21
0001657345	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Jan-21
0001657346	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Jan-21
0001657347	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Jan-21
0001657359	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Jan-21
0001657349	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Jan-21
0001657356	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Jan-21
0001657351	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Jan-21
0001657352	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Jan-21
0001657353	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Jan-21
0001657354	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Jan-21
0001657355	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Jan-21
0001657348	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Jan-21
0001657341	7440-59-7	HELIUM GAS	100	Liters(L)	13-Jan-21
0001657445	-	Compressed Air	220	Cubic Feet(CF)	13-Jan-21
0001657372	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	13-Jan-21
0001657393	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	13-Jan-21
0001657392	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	13-Jan-21
0001657384	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	13-Jan-21
0001657385	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	13-Jan-21
0001657386	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	13-Jan-21
0001657387	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	13-Jan-21
0001657388	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	13-Jan-21
0001657399	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	13-Jan-21
0001657390	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	13-Jan-21
0001657381	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	13-Jan-21
0001657400	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	13-Jan-21
0001657394	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	13-Jan-21
0001657395	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	13-Jan-21
0001657396	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	13-Jan-21
0001657397	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	13-Jan-21
0001657398	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	13-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001657389	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	13-Jan-21
0001657375	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	13-Jan-21
0001657391	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	13-Jan-21
0001657401	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	13-Jan-21
0001657383	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	13-Jan-21
0001657374	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	13-Jan-21
0001657382	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	13-Jan-21
0001657376	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	13-Jan-21
0001657377	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	13-Jan-21
0001657378	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	13-Jan-21
0001657379	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	13-Jan-21
0001657380	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	13-Jan-21
0001657373	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	13-Jan-21
0001657402	74-98-6	PROPANE	50	Cubic Feet(CF)	13-Jan-21
0001657403	74-98-6	PROPANE	50	Cubic Feet(CF)	13-Jan-21
0001657404	74-98-6	PROPANE	50	Cubic Feet(CF)	13-Jan-21
0001657406	74-98-6	PROPANE	50	Cubic Feet(CF)	13-Jan-21
0001657405	74-98-6	PROPANE	50	Cubic Feet(CF)	13-Jan-21
0001657407	74-86-2	ACETYLENE STABILIZED	240	Cubic Feet(CF)	13-Jan-21
0001657408	74-86-2	ACETYLENE STABILIZED	240	Cubic Feet(CF)	13-Jan-21
0001657409	74-86-2	ACETYLENE STABILIZED	130	Cubic Feet(CF)	13-Jan-21
0001657410	74-86-2	ACETYLENE STABILIZED	130	Cubic Feet(CF)	13-Jan-21
0001657411	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Jan-21
0001657418	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Jan-21
0001657417	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Jan-21
0001657412	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Jan-21
0001657413	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Jan-21
0001657414	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Jan-21
0001657415	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Jan-21
0001657416	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Jan-21
0001657423	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Jan-21
0001657424	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Jan-21
0001657421	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Jan-21
0001657419	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Jan-21
0001657420	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Jan-21
0001657425	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Jan-21
0001657422	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Jan-21
0001657426	-	ARGON GAS	220	Cubic Feet(CF)	13-Jan-21
0001657429	-	ARGON GAS	220	Cubic Feet(CF)	13-Jan-21
0001657434	-	ARGON GAS	220	Cubic Feet(CF)	13-Jan-21
0001657433	-	ARGON GAS	220	Cubic Feet(CF)	13-Jan-21
0001657432	-	ARGON GAS	220	Cubic Feet(CF)	13-Jan-21
0001657430	-	ARGON GAS	220	Cubic Feet(CF)	13-Jan-21
0001657428	-	ARGON GAS	220	Cubic Feet(CF)	13-Jan-21
0001657427	-	ARGON GAS	220	Cubic Feet(CF)	13-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001657431	-	ARGON GAS	220	Cubic Feet(CF)	13-Jan-21
0001657435	-	25ppm Hydrogen Chloride/Balance Nitrogen	5	Pounds(LB)	13-Jan-21
0001657436	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	13-Jan-21
0001657439	7440-59-7	HELIUM GAS	100	Liters(L)	13-Jan-21
0001657440	7440-59-7	HELIUM GAS	100	Cubic Feet(CF)	13-Jan-21
0001657441	7440-59-7	HELIUM GAS	100	Cubic Feet(CF)	13-Jan-21
0001657442	7440-59-7	HELIUM GAS	100	Cubic Feet(CF)	13-Jan-21
0001657443	7440-59-7	HELIUM GAS	100	Cubic Feet(CF)	13-Jan-21
0001657444	-	Argon Carbon Dioxide	10	Cubic Feet(CF)	13-Jan-21
0001459673	-	EPOXY RESIN PART A	1	Pint(PT)	13-Jan-21
0001571575	-	QUIN-CIP RECIPROCATING OIL ISO-100	1	Gallon(GAL)	13-Jan-21
0001571576	-	HYDROTREATED PARAFFINIC MINERAL OIL	1	Gallon(GAL)	13-Jan-21
0001571579	-	HYDROTREATED PARAFFINIC MINERAL OIL	1	Gallon(GAL)	13-Jan-21
0001571577	-	HYDROTREATED PARAFFINIC MINERAL OIL	1	Gallon(GAL)	13-Jan-21
0001571578	-	HYDROTREATED PARAFFINIC MINERAL OIL	1	Gallon(GAL)	13-Jan-21
V0000078F4	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078FD	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078EA	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078FA	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078F9	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078F8	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078F7	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078FC	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078F6	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078F5	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078FB	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078F3	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078F2	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078F1	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078F0	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078EF	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078EE	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078ED	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078FE	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078EB	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V00000790C	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078E9	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078E8	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078EC	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V00000790E	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078C0	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078E7	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007918	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007917	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007916	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000007915	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007914	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007913	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007912	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007911	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V00000790A	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V00000790F	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007900	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V00000790D	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V00000790B	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007909	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007908	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007907	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007906	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007905	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007904	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007903	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007902	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007910	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007901	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078C2	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078CB	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078CA	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078C9	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078C8	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078C7	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078C6	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078C5	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078C4	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078C3	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078CD	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078C1	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078CE	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078BF	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078BE	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078BD	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078BC	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078BB	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078BA	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078B9	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078B8	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078B7	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078B6	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007919	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078D9	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V0000078E5	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078E4	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078E3	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078E2	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078E1	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078E0	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078DF	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078DE	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078DD	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078DC	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078CC	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078DA	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078E6	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078D8	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078D7	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078D6	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078D5	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078D4	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078D3	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078D2	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078D1	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078D0	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078CF	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078DB	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V0000078FF	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007944	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V00000794C	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V00000794B	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V00000794A	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007949	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007948	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007947	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V00000793B	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007945	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V00000794F	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007943	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007941	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V00000793F	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V00000793E	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V00000793D	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V00000793C	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007946	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007955	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V00000795D	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V00000795C	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V00000795B	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V00000795A	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007959	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007958	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V00000794D	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007956	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V00000794E	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007954	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007953	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007952	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007951	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007950	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007940	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007957	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007921	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007929	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007928	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007927	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V00000793A	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007925	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007942	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V00000792A	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007922	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007926	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007920	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V00000791F	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V00000791E	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V00000791D	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V00000791C	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V00000791B	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V00000791A	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007923	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007936	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007939	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007924	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007937	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V00000792B	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007935	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007934	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007933	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007931	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007930	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V00000792F	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V00000792E	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V00000792D	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V00000792C	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007932	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007938	-	BIG STRETCH CAULK	10.1	Ounces(OZ)	13-Jan-21
V000007981	-	Parts Plus SAE 5W-30 SYNTHETIC MOTOR OIL P3501	1	Quarts(QT)	14-Jan-21
V000007977	-	Parts Plus SAE 5W-30 SYNTHETIC MOTOR OIL P3501	1	Quarts(QT)	14-Jan-21
V000007978	-	Parts Plus SAE 5W-30 SYNTHETIC MOTOR OIL P3501	1	Quarts(QT)	14-Jan-21
V000007979	-	Parts Plus SAE 5W-30 SYNTHETIC MOTOR OIL P3501	1	Quarts(QT)	14-Jan-21
V00000797A	-	Parts Plus SAE 5W-30 SYNTHETIC MOTOR OIL P3501	1	Quarts(QT)	14-Jan-21
V00000797B	-	Parts Plus SAE 5W-30 SYNTHETIC MOTOR OIL P3501	1	Quarts(QT)	14-Jan-21
V00000797C	-	Parts Plus SAE 5W-30 SYNTHETIC MOTOR OIL P3501	1	Quarts(QT)	14-Jan-21
V00000797D	-	Parts Plus SAE 5W-30 SYNTHETIC MOTOR OIL P3501	1	Quarts(QT)	14-Jan-21
V00000797E	-	Parts Plus SAE 5W-30 SYNTHETIC MOTOR OIL P3501	1	Quarts(QT)	14-Jan-21
V000007980	-	Parts Plus SAE 5W-30 SYNTHETIC MOTOR OIL P3501	1	Quarts(QT)	14-Jan-21
V00000796B	-	Parts Plus SAE 5W-30 SYNTHETIC MOTOR OIL P3501	1	Quarts(QT)	14-Jan-21
V000007976	-	Parts Plus SAE 5W-30 SYNTHETIC MOTOR OIL P3501	1	Quarts(QT)	14-Jan-21
V00000797F	-	Parts Plus SAE 5W-30 SYNTHETIC MOTOR OIL P3501	1	Quarts(QT)	14-Jan-21
V00000796A	-	Parts Plus SAE 5W-30 SYNTHETIC MOTOR OIL P3501	1	Quarts(QT)	14-Jan-21
V000007975	-	Parts Plus SAE 5W-30 SYNTHETIC MOTOR OIL P3501	1	Quarts(QT)	14-Jan-21
V00000796D	-	Parts Plus SAE 5W-30 SYNTHETIC MOTOR OIL P3501	1	Quarts(QT)	14-Jan-21
V00000796C	-	Parts Plus SAE 5W-30 SYNTHETIC MOTOR OIL P3501	1	Quarts(QT)	14-Jan-21
V00000796E	-	Parts Plus SAE 5W-30 SYNTHETIC MOTOR OIL P3501	1	Quarts(QT)	14-Jan-21
V00000796F	-	Parts Plus SAE 5W-30 SYNTHETIC MOTOR OIL P3501	1	Quarts(QT)	14-Jan-21
V000007974	-	Parts Plus SAE 5W-30 SYNTHETIC MOTOR OIL P3501	1	Quarts(QT)	14-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000007971	-	Parts Plus SAE 5W-30 SYNTHETIC MOTOR OIL P3501	1	Quarts(QT)	14-Jan-21
V000007972	-	Parts Plus SAE 5W-30 SYNTHETIC MOTOR OIL P3501	1	Quarts(QT)	14-Jan-21
V000007973	-	Parts Plus SAE 5W-30 SYNTHETIC MOTOR OIL P3501	1	Quarts(QT)	14-Jan-21
V000007970	-	Parts Plus SAE 5W-30 SYNTHETIC MOTOR OIL P3501	1	Quarts(QT)	14-Jan-21
V0000079C3	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079C4	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079C5	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079C6	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079C7	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079CA	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079C9	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079C2	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079BC	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079CB	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079C8	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079C1	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079C0	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079BF	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079CC	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079BD	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079D3	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079BB	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079BA	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079B9	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079B8	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079B7	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079B6	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079B5	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079BE	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079DB	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079B4	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V000007993	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079E5	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079E4	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079E3	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079E2	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079E1	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079E0	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079DF	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079DE	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079D1	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V0000079DC	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079CD	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079DA	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079D9	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079D8	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079D7	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079D6	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079D5	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079D4	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079D2	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079D0	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079CF	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079CE	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079DD	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079B3	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V000007999	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V000007998	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V000007997	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V000007996	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V000007994	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V000007992	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V000007991	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V000007990	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V00000798F	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V00000799A	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V00000798D	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V00000798C	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V00000798B	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V000007995	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V000007989	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V000007988	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V000007987	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V000007986	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V000007985	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V000007984	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V000007983	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V000007982	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V00000798E	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079AC	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V00000798A	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V00000799B	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079B2	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079B1	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V0000079B0	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079AF	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079AD	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079AB	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079AA	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079A9	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079A8	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079A7	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079A0	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079A5	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079A4	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079A3	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079A2	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V00000799C	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079A1	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V00000799D	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079AE	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V00000799F	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V00000799E	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V0000079A6	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jan-21
V000007A0F	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V000007A10	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V000007A0E	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V000007A12	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V000007A13	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V000007A14	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V000007A11	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V000007A0D	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V000007A0C	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V000007A0B	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V000007A09	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V000007A07	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V000007A15	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V000007A23	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V000007A08	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V000007A0A	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V000007A1D	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V000007A06	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V0000079F6	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V000007A24	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V000007A22	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V000007A20	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000007A21	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V000007A1E	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V000007A16	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V000007A1C	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V000007A1B	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V000007A1A	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V000007A19	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V000007A18	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V000007A17	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V000007A1F	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V0000079EC	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V0000079F3	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V0000079F2	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V0000079F1	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V0000079F0	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V0000079EF	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V0000079F4	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V0000079ED	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V0000079EB	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V0000079EA	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V0000079E8	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V0000079E7	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V0000079E6	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V000007A05	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V0000079F8	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V0000079EE	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V000007A00	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V000007A03	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V0000079E9	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V0000079F5	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V000007A04	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V000007A02	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V000007A01	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V0000079FF	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V0000079FE	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V0000079F9	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V0000079FC	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V0000079FB	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V0000079FA	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V0000079FD	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
V0000079F7	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	14-Jan-21
0001627179	-	Prime Guard -50 RV & Marine Antifreeze	55	Gallon(GAL)	14-Jan-21
0001590863	109-72-8	N-BUTYLLITHIUM	25	Milliliter(ML)	14-Jan-21
0001590864	109-72-8	N-BUTYLLITHIUM	25	Milliliter(ML)	14-Jan-21
0001590865	109-72-8	N-BUTYLLITHIUM	25	Milliliter(ML)	14-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001590866	109-72-8	N-BUTYLLITHIUM	25	Milliliter(ML)	14-Jan-21
0001590867	5158-50-9	Bromodimethylborane	25	Gram(GM)	15-Jan-21
0001607770	7087-68-5	N N-DIISOPROPYLETHYLAMINE	100	Milliliter(ML)	15-Jan-21
0001611849	141-78-6	ETHYL ACETATE	4	Liters(L)	15-Jan-21
0001611850	7681-52-9	Clorox Concentrated Germicidal Bleach	121	Ounces(OZ)	15-Jan-21
0001611855	7681-52-9	Clorox Concentrated Germicidal Bleach	121	Ounces(OZ)	15-Jan-21
0001611864	7681-52-9	Clorox Concentrated Germicidal Bleach	121	Ounces(OZ)	15-Jan-21
0001611863	7681-52-9	Clorox Concentrated Germicidal Bleach	121	Ounces(OZ)	15-Jan-21
0001611862	7681-52-9	Clorox Concentrated Germicidal Bleach	121	Ounces(OZ)	15-Jan-21
0001611861	7681-52-9	Clorox Concentrated Germicidal Bleach	121	Ounces(OZ)	15-Jan-21
0001611860	7681-52-9	Clorox Concentrated Germicidal Bleach	121	Ounces(OZ)	15-Jan-21
0001611859	7681-52-9	Clorox Concentrated Germicidal Bleach	121	Ounces(OZ)	15-Jan-21
0001611858	7681-52-9	Clorox Concentrated Germicidal Bleach	121	Ounces(OZ)	15-Jan-21
0001611856	7681-52-9	Clorox Concentrated Germicidal Bleach	121	Ounces(OZ)	15-Jan-21
0001611854	7681-52-9	Clorox Concentrated Germicidal Bleach	121	Ounces(OZ)	15-Jan-21
0001611853	7681-52-9	Clorox Concentrated Germicidal Bleach	121	Ounces(OZ)	15-Jan-21
0001611852	7681-52-9	Clorox Concentrated Germicidal Bleach	121	Ounces(OZ)	15-Jan-21
0001611851	7681-52-9	Clorox Concentrated Germicidal Bleach	121	Ounces(OZ)	15-Jan-21
0001611857	7681-52-9	Clorox Concentrated Germicidal Bleach	121	Ounces(OZ)	15-Jan-21
0001611865	67-64-1	ACETONE	4	Liters(L)	15-Jan-21
0001611866	-	BUFFER SOLUTION (PH 4.00)-RED	475	Milliliter(ML)	15-Jan-21
0001611867	-	DOW CORNING SYLGARD 170 A & B SILICONE ELASTOMER KIT	210	Milliliter(ML)	15-Jan-21
0001611868	811-98-3	METHANOL D4	25	Gram(GM)	15-Jan-21
0001611869	811-98-3	METHANOL D4	25	Gram(GM)	15-Jan-21
0001611870	10031-43-3	CUPRIC NITRATE TRIHYDRATE	100	Gram(GM)	15-Jan-21
0001611871	75-09-2	DICHLOROMETHANE	2.5	Liters(L)	15-Jan-21
0001611872	75-09-2	DICHLOROMETHANE	2.5	Liters(L)	15-Jan-21
0001611873	811-97-2	Staticide Turbo Blast Precision Duster ACL	11	Ounces(OZ)	15-Jan-21
0001611875	811-97-2	Staticide Turbo Blast Precision Duster ACL	11	Ounces(OZ)	15-Jan-21
0001611884	811-97-2	Staticide Turbo Blast Precision Duster ACL	11	Ounces(OZ)	15-Jan-21
0001611882	811-97-2	Staticide Turbo Blast Precision Duster ACL	11	Ounces(OZ)	15-Jan-21
0001611880	811-97-2	Staticide Turbo Blast Precision Duster ACL	11	Ounces(OZ)	15-Jan-21
0001611879	811-97-2	Staticide Turbo Blast Precision Duster ACL	11	Ounces(OZ)	15-Jan-21
0001611878	811-97-2	Staticide Turbo Blast Precision Duster ACL	11	Ounces(OZ)	15-Jan-21
0001611876	811-97-2	Staticide Turbo Blast Precision Duster ACL	11	Ounces(OZ)	15-Jan-21
0001611874	811-97-2	Staticide Turbo Blast Precision Duster ACL	11	Ounces(OZ)	15-Jan-21
0001611881	811-97-2	Staticide Turbo Blast Precision Duster ACL	11	Ounces(OZ)	15-Jan-21
0001611877	811-97-2	Staticide Turbo Blast Precision Duster ACL	11	Ounces(OZ)	15-Jan-21
0001611883	811-97-2	Staticide Turbo Blast Precision Duster ACL	11	Ounces(OZ)	15-Jan-21
0001611885	-	PermaTreat PC-510T	55	Gallon(GAL)	15-Jan-21
0001610838	-	LANL-CAL-2B	125	Milliliter(ML)	15-Jan-21
0001610839	-	LANL-CAL-2B	125	Milliliter(ML)	15-Jan-21
0001610840	-	LANL-CAL-2B	125	Milliliter(ML)	15-Jan-21
0001610841	-	LANL-CAL-2B	125	Milliliter(ML)	15-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001610842	-	LANL-CAL-3	125	Milliliter(ML)	15-Jan-21
0001610843	-	LANL-CAL-3	125	Milliliter(ML)	15-Jan-21
0001610844	-	LANL-CAL-3	125	Milliliter(ML)	15-Jan-21
0001610845	-	LANL-CAL-3	125	Milliliter(ML)	15-Jan-21
0001610846	-	LANL-CAL-5	125	Milliliter(ML)	15-Jan-21
0001610847	-	LANL-CAL-5	125	Milliliter(ML)	15-Jan-21
0001610848	-	LANL-CAL-5	125	Milliliter(ML)	15-Jan-21
0001610849	-	LANL-CAL-5	125	Milliliter(ML)	15-Jan-21
0001610850	-	LANL-CAL-6A	120	Milliliter(ML)	15-Jan-21
0001610851	-	LANL-CAL-6A	120	Milliliter(ML)	15-Jan-21
0001610852	-	LANL-CAL-6A	120	Milliliter(ML)	15-Jan-21
0001610853	-	LANL-CAL-6A	120	Milliliter(ML)	15-Jan-21
0001610854	-	LANL-CCS-1A	125	Milliliter(ML)	15-Jan-21
0001610855	-	LANL-CCS-1A	125	Milliliter(ML)	15-Jan-21
0001610856	-	LANL-CCS-4	125	Milliliter(ML)	15-Jan-21
0001610857	-	LANL-CCS-4	125	Milliliter(ML)	15-Jan-21
0001610858	-	LANL-CCS-5	125	Milliliter(ML)	15-Jan-21
0001610859	-	LANL-CCS-5	125	Milliliter(ML)	15-Jan-21
0001610860	-	LANL-CCS-6	125	Milliliter(ML)	15-Jan-21
0001610861	-	LANL-CCS-6	125	Milliliter(ML)	15-Jan-21
0001611886	7631-99-4	SODIUM NITRATE	5	Gram(GM)	15-Jan-21
0001611887	5144-89-8	1 10-PHENANTHROLINE MONOHYDRATE	5	Gram(GM)	15-Jan-21
0001611888	66-22-8	URACIL	25	Gram(GM)	15-Jan-21
0001611889	-	Sodium hydrogen sulfate	250	Gram(GM)	15-Jan-21
0001611890	10361-91-8	YTTERBIUM(III) CHLORIDE ANHYDROUS	5	Gram(GM)	15-Jan-21
0001611891	-	TWEEN 80	500	Milliliter(ML)	15-Jan-21
0001611892	-	LOCTITE SF 713 ACTIVATORS	1.75	Ounces(OZ)	15-Jan-21
0001611893	-	LOCTITE SF 713 ACTIVATORS	1.75	Ounces(OZ)	15-Jan-21
0001611894	-	LOCTITE 409 GEN. PURPOSE	1	Ounces(OZ)	15-Jan-21
0001611896	-	LOCTITE 409 GEN. PURPOSE	1	Ounces(OZ)	15-Jan-21
0001611897	-	LOCTITE 409 GEN. PURPOSE	1	Ounces(OZ)	15-Jan-21
0001611895	-	LOCTITE 409 GEN. PURPOSE	1	Ounces(OZ)	15-Jan-21
0001611898	-	S-316 EXTRACTION SOLVENT	1.5	Kilograms(KG)	15-Jan-21
0001611899	-	S-316 EXTRACTION SOLVENT	1.5	Kilograms(KG)	15-Jan-21
0001611900	-	Poly(3 4-ethylenedioxythiophene) bis-poly(ethyleneglycol) lauryl terminated	25	Gram(GM)	15-Jan-21
0001611901	-	Poly(3 4-ethylenedioxythiophene) bis-poly(ethyleneglycol) lauryl terminated	25	Gram(GM)	15-Jan-21
0001611902	-	Triethyl orthoformate	1	Liters(L)	15-Jan-21
0001607704	5949-29-1	CITRIC ACID MONOHYDRATE	25	Gram(GM)	15-Jan-21
0001607706	5949-29-1	CITRIC ACID MONOHYDRATE	25	Gram(GM)	15-Jan-21
0001607705	5949-29-1	CITRIC ACID MONOHYDRATE	25	Gram(GM)	15-Jan-21
0001608996	95-54-5	O-PHENYLENEDIAMINE	100	Gram(GM)	15-Jan-21
0001612117	1314-13-2	ZINC OXIDE	50	Gram(GM)	15-Jan-21
0001612118	1145-73-9	4-(Dimethylamino)stilbene	5	Gram(GM)	15-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001612121	1145-73-9	4-(Dimethylamino)stilbene	5	Gram(GM)	15-Jan-21
0001612120	1145-73-9	4-(Dimethylamino)stilbene	5	Gram(GM)	15-Jan-21
0001612119	1145-73-9	4-(Dimethylamino)stilbene	5	Gram(GM)	15-Jan-21
0001612122	1145-73-9	4-(Dimethylamino)stilbene	5	Gram(GM)	15-Jan-21
0001612123	88-74-4	2-NITROANILINE	100	Gram(GM)	15-Jan-21
0001612124	121-14-2	2 4-DINITROTOLUENE	5	Gram(GM)	15-Jan-21
0001612125	-	EOS StainlessSteel GP1	1	Kilograms(KG)	15-Jan-21
0001612132	-	EOS StainlessSteel GP1	1	Kilograms(KG)	15-Jan-21
0001612126	-	EOS StainlessSteel GP1	1	Kilograms(KG)	15-Jan-21
0001612127	-	EOS StainlessSteel GP1	1	Kilograms(KG)	15-Jan-21
0001612128	-	EOS StainlessSteel GP1	1	Kilograms(KG)	15-Jan-21
0001612129	-	EOS StainlessSteel GP1	1	Kilograms(KG)	15-Jan-21
0001612131	-	EOS StainlessSteel GP1	1	Kilograms(KG)	15-Jan-21
0001612130	-	EOS StainlessSteel GP1	1	Kilograms(KG)	15-Jan-21
0001612133	67-63-0	ISOPROPYL ALCOHOL	4	Liters(L)	15-Jan-21
0001612134	67-63-0	ISOPROPYL ALCOHOL	4	Liters(L)	15-Jan-21
0001612135	-	PROPARGYL BROMIDE	25	Gram(GM)	15-Jan-21
0001612136	666-52-4	ACETONE D6	0.75	Milliliter(ML)	15-Jan-21
0001612137	-	DIMETHYL SULFOXIDE D6	10	Gram(GM)	15-Jan-21
0001612138	-	DIMETHYL SULFOXIDE D6	10	Gram(GM)	15-Jan-21
0001612139	2393-23-9	4-METHOXYBENZYLAMINE	25	Gram(GM)	15-Jan-21
0001612140	18600-42-5	4-Nitrobenzylamine hydrochloride	25	Gram(GM)	15-Jan-21
0001612141	75-05-8	ACETONITRILE	4	Liters(L)	15-Jan-21
0001612146	75-05-8	ACETONITRILE	4	Liters(L)	15-Jan-21
0001612145	75-05-8	ACETONITRILE	4	Liters(L)	15-Jan-21
0001612148	75-05-8	ACETONITRILE	4	Liters(L)	15-Jan-21
0001612147	75-05-8	ACETONITRILE	4	Liters(L)	15-Jan-21
0001612144	75-05-8	ACETONITRILE	4	Liters(L)	15-Jan-21
0001612143	75-05-8	ACETONITRILE	4	Liters(L)	15-Jan-21
0001612142	75-05-8	ACETONITRILE	4	Liters(L)	15-Jan-21
0001612149	107-41-5	GREENLUBE POLISHING LUBRICANT	32	Ounces(OZ)	15-Jan-21
0001612150	107-41-5	GREENLUBE POLISHING LUBRICANT	32	Ounces(OZ)	15-Jan-21
0001612151	865-49-6	CHLOROFORM-D	100	Gram(GM)	15-Jan-21
0001612152	-	WEST System 105 Epoxy Resin	0.98	Gallon(GAL)	15-Jan-21
0001612154	-	WEST System 206 Slow Hardeners	0.86	Quarts(QT)	15-Jan-21
0001612156	259-79-0	Biphenylene	25	Gram(GM)	15-Jan-21
0001612157	7487-94-7	MERCURY (II) CHLORIDE	25	Gram(GM)	15-Jan-21
0001612158	7705-07-9	TITANIUM(III) CHLORIDE	500	Milliliter(ML)	15-Jan-21
0001612159	132-65-0	DIBENZOTHIOPHENE	25	Gram(GM)	15-Jan-21
0001612160	2155-94-4	N N DIMETHYLSLLYLAMINE	5	Gram(GM)	15-Jan-21
0001612161	-	ETHYL ALCOHOL DENATURED	1	Quarts(QT)	15-Jan-21
0001612162	-	ETHYL ALCOHOL DENATURED	1	Quarts(QT)	15-Jan-21
0001612153	-	WEST SYSTEM 205 Fast Hardener	0.86	Quarts(QT)	15-Jan-21
0001612155	-	WEST SYSTEM 406 Colloidal Silica	1.7	Ounces(OZ)	15-Jan-21
0001612163	12069-32-8	Boron Carbide Powder	50	Kilograms(KG)	15-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001612164	-	Hocut 8640	5	Gallon(GAL)	15-Jan-21
0001612170	-	Hocut 8640	5	Gallon(GAL)	15-Jan-21
0001612171	-	Hocut 8640	5	Gallon(GAL)	15-Jan-21
0001612167	-	Hocut 8640	5	Gallon(GAL)	15-Jan-21
0001612166	-	Hocut 8640	5	Gallon(GAL)	15-Jan-21
0001612165	-	Hocut 8640	5	Gallon(GAL)	15-Jan-21
0001612169	-	Hocut 8640	5	Gallon(GAL)	15-Jan-21
0001612168	-	Hocut 8640	5	Gallon(GAL)	15-Jan-21
0001612172	-	S-316 EXTRACTION SOLVENT	1.5	Kilograms(KG)	15-Jan-21
0001612173	-	S-316 EXTRACTION SOLVENT	1.5	Kilograms(KG)	15-Jan-21
0001612174	151-21-3	DODECYL SULFATE SODIUM SALT (SODIUM DODECYL SULFATE SODIUM LAURYL SULFATE)	25	Gram(GM)	15-Jan-21
0001612175	-	10 ug/ml RHODIUM	30	Milliliter(ML)	15-Jan-21
0001612176	-	10 ug/ml SCANDIUM	30	Milliliter(ML)	15-Jan-21
0001612177	9002-18-0	AGAR NOBLE	500	Gram(GM)	15-Jan-21
0001612179	76-05-1	TRIFLUOROACETIC ACID	5	Milliliter(ML)	15-Jan-21
0001612180	-	Custom Solution in 10%	125	Milliliter(ML)	15-Jan-21
0001612181	-	Custom Solution in 10%	125	Milliliter(ML)	15-Jan-21
0001612182	-	CUSTOM STANDARD MULTI ELEMENT SOLUTION	125	Milliliter(ML)	15-Jan-21
0001612183	15442-64-5	ZINC PROTOPORPHYRIN IX	25	Milligram(MG)	15-Jan-21
0001612184	1665-00-5	DICHLOROMETHANE D2	7.5	Milliliter(ML)	15-Jan-21
0001612188	1665-00-5	DICHLOROMETHANE D2	7.5	Milliliter(ML)	15-Jan-21
0001612185	1665-00-5	DICHLOROMETHANE D2	7.5	Milliliter(ML)	15-Jan-21
0001612186	1665-00-5	DICHLOROMETHANE D2	7.5	Milliliter(ML)	15-Jan-21
0001612187	1665-00-5	DICHLOROMETHANE D2	7.5	Milliliter(ML)	15-Jan-21
0001612189	865-49-6	CHLOROFORM-D	7.5	Milliliter(ML)	15-Jan-21
0001612190	865-49-6	CHLOROFORM-D	7.5	Milliliter(ML)	15-Jan-21
0001612191	865-49-6	CHLOROFORM-D	7.5	Milliliter(ML)	15-Jan-21
0001612192	865-49-6	CHLOROFORM-D	7.5	Milliliter(ML)	15-Jan-21
0001612193	865-49-6	CHLOROFORM-D	7.5	Milliliter(ML)	15-Jan-21
0001612194	-	Graphene dispersion 0.5-1.0 mg/mL in water with non-ionic surfactant	10	Milliliter(ML)	15-Jan-21
0001612195	36945-08-1	n-Butylammonium iodide	25	Gram(GM)	15-Jan-21
0001612196	6009-70-7	AMMONIUM OXALATE MONOHYDRATE	100	Gram(GM)	15-Jan-21
0001612201	6009-70-7	AMMONIUM OXALATE MONOHYDRATE	100	Gram(GM)	15-Jan-21
0001612197	6009-70-7	AMMONIUM OXALATE MONOHYDRATE	100	Gram(GM)	15-Jan-21
0001612198	6009-70-7	AMMONIUM OXALATE MONOHYDRATE	100	Gram(GM)	15-Jan-21
0001612200	6009-70-7	AMMONIUM OXALATE MONOHYDRATE	100	Gram(GM)	15-Jan-21
0001612199	6009-70-7	AMMONIUM OXALATE MONOHYDRATE	100	Gram(GM)	15-Jan-21
0001612202	18162-48-6	TERT-BUTYLDIMETHYLSILYL CHLORIDE	25	Gram(GM)	15-Jan-21
0001612203	290-37-9	PYRAZINE	5	Gram(GM)	15-Jan-21
0001612204	70955-01-0	Molecular sieves 4A	1	Kilograms(KG)	15-Jan-21
0001612205	70955-01-0	Molecular sieves 4A	1	Kilograms(KG)	15-Jan-21
0001612206	506-87-6	AMMONIUM CARBONATE	500	Gram(GM)	15-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001612207	506-87-6	AMMONIUM CARBONATE	500	Gram(GM)	15-Jan-21
0001612178	68649-11-6	SynOil M10.120.08	10	Liters(L)	19-Jan-21
0001607772	124-63-0	METHANESULFONYL CHLORIDE	500	Milliliter(ML)	19-Jan-21
0001611955	109-99-9	TETRAHYDROFURAN OPTIMA	4	Liters(L)	19-Jan-21
0001611957	109-99-9	TETRAHYDROFURAN OPTIMA	4	Liters(L)	19-Jan-21
0001611956	109-99-9	TETRAHYDROFURAN OPTIMA	4	Liters(L)	19-Jan-21
0001611958	109-99-9	TETRAHYDROFURAN OPTIMA	4	Liters(L)	19-Jan-21
0001611959	67-64-1	ACETONE	4	Liters(L)	19-Jan-21
0001611960	67-64-1	ACETONE	4	Liters(L)	19-Jan-21
0001611962	67-64-1	ACETONE	4	Liters(L)	19-Jan-21
0001611961	67-64-1	ACETONE	4	Liters(L)	19-Jan-21
0001611949	67-64-1	ACETONE	4	Liters(L)	19-Jan-21
0001611950	67-64-1	ACETONE	4	Liters(L)	19-Jan-21
0001611963	-	HYDRAULIC FLUID	1	Pint(PT)	19-Jan-21
0001611965	101-83-7	DICYCLOHEXYLAMINE	50	Milliliter(ML)	19-Jan-21
0001611966	-	FULLCURE 705	3.6	Kilograms(KG)	19-Jan-21
0001611951	110-54-3	n-Hexane Environmental Grade	4	Liters(L)	19-Jan-21
0001611952	110-54-3	n-Hexane Environmental Grade	4	Liters(L)	19-Jan-21
0001611953	110-54-3	n-Hexane Environmental Grade	4	Liters(L)	19-Jan-21
0001611954	110-54-3	n-Hexane Environmental Grade	4	Liters(L)	19-Jan-21
0001612039	7732-18-5	Water Deionized ACS Reagent Grade ASTM Type I	4	Liters(L)	19-Jan-21
0001612042	7732-18-5	Water Deionized ACS Reagent Grade ASTM Type I	4	Liters(L)	19-Jan-21
0001612043	7732-18-5	Water Deionized ACS Reagent Grade ASTM Type I	4	Liters(L)	19-Jan-21
0001612044	7732-18-5	Water Deionized ACS Reagent Grade ASTM Type I	4	Liters(L)	19-Jan-21
0001612040	7732-18-5	Water Deionized ACS Reagent Grade ASTM Type I	4	Liters(L)	19-Jan-21
0001612041	7732-18-5	Water Deionized ACS Reagent Grade ASTM Type I	4	Liters(L)	19-Jan-21
0001612046	-	DOW CORNING HIGH VACUUM GREASE SILICONE LUBRICANT	5.3	Ounces(OZ)	19-Jan-21
0001612047	-	DOW CORNING HIGH VACUUM GREASE SILICONE LUBRICANT	5.3	Ounces(OZ)	19-Jan-21
0001612048	-	DOW CORNING HIGH VACUUM GREASE SILICONE LUBRICANT	5.3	Ounces(OZ)	19-Jan-21
0001612049	811-97-2	AIR DUSTER	10	Ounces(OZ)	19-Jan-21
0001612050	811-97-2	AIR DUSTER	10	Ounces(OZ)	19-Jan-21
0001612062	811-97-2	AIR DUSTER	10	Ounces(OZ)	19-Jan-21
0001612063	811-97-2	AIR DUSTER	10	Ounces(OZ)	19-Jan-21
0001612064	811-97-2	AIR DUSTER	10	Ounces(OZ)	19-Jan-21
0001612065	811-97-2	AIR DUSTER	10	Ounces(OZ)	19-Jan-21
0001612066	811-97-2	AIR DUSTER	10	Ounces(OZ)	19-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001612061	811-97-2	AIR DUSTER	10	Ounces(OZ)	19-Jan-21
0001612068	811-97-2	AIR DUSTER	10	Ounces(OZ)	19-Jan-21
0001612056	811-97-2	AIR DUSTER	10	Ounces(OZ)	19-Jan-21
0001612069	811-97-2	AIR DUSTER	10	Ounces(OZ)	19-Jan-21
0001612070	811-97-2	AIR DUSTER	10	Ounces(OZ)	19-Jan-21
0001612071	811-97-2	AIR DUSTER	10	Ounces(OZ)	19-Jan-21
0001612067	811-97-2	AIR DUSTER	10	Ounces(OZ)	19-Jan-21
0001612060	811-97-2	AIR DUSTER	10	Ounces(OZ)	19-Jan-21
0001612059	811-97-2	AIR DUSTER	10	Ounces(OZ)	19-Jan-21
0001612057	811-97-2	AIR DUSTER	10	Ounces(OZ)	19-Jan-21
0001612055	811-97-2	AIR DUSTER	10	Ounces(OZ)	19-Jan-21
0001612054	811-97-2	AIR DUSTER	10	Ounces(OZ)	19-Jan-21
0001612053	811-97-2	AIR DUSTER	10	Ounces(OZ)	19-Jan-21
0001612052	811-97-2	AIR DUSTER	10	Ounces(OZ)	19-Jan-21
0001612051	811-97-2	AIR DUSTER	10	Ounces(OZ)	19-Jan-21
0001612072	811-97-2	AIR DUSTER	10	Ounces(OZ)	19-Jan-21
0001612058	811-97-2	AIR DUSTER	10	Ounces(OZ)	19-Jan-21
0001612073	-	ULTIMA GOLD AB	5	Liters(L)	19-Jan-21
0001612074	-	ULTIMA GOLD AB	5	Liters(L)	19-Jan-21
0001612075	50-70-4	SORBITOL	500	Gram(GM)	19-Jan-21
0001612077	-	BUFFER SOLUTION PH 10.00 COLOR-CODED BLUE SB115-4; SB115-20; SB115-500	500	Milliliter(ML)	19-Jan-21
0001612076	-	Buffer Solution pH 7.00 Color-Coded Yellow Certified	500	Milliliter(ML)	19-Jan-21
0001612080	-	EDTA Digital Titrator Cartridge 0.0800 M	100	Milliliter(ML)	19-Jan-21
0001612089	-	EDTA Digital Titrator Cartridge 0.0800 M	100	Milliliter(ML)	19-Jan-21
0001612081	-	EDTA Digital Titrator Cartridge 0.0800 M	100	Milliliter(ML)	19-Jan-21
0001612082	-	EDTA Digital Titrator Cartridge 0.0800 M	100	Milliliter(ML)	19-Jan-21
0001612083	-	EDTA Digital Titrator Cartridge 0.0800 M	100	Milliliter(ML)	19-Jan-21
0001612084	-	EDTA Digital Titrator Cartridge 0.0800 M	100	Milliliter(ML)	19-Jan-21
0001612085	-	EDTA Digital Titrator Cartridge 0.0800 M	100	Milliliter(ML)	19-Jan-21
0001612086	-	EDTA Digital Titrator Cartridge 0.0800 M	100	Milliliter(ML)	19-Jan-21
0001612087	-	EDTA Digital Titrator Cartridge 0.0800 M	100	Milliliter(ML)	19-Jan-21
0001612088	-	EDTA Digital Titrator Cartridge 0.0800 M	100	Milliliter(ML)	19-Jan-21
0001612090	-	BOELUBE	1	Gallon(GAL)	19-Jan-21
0001612091	7439-98-7	MOLYBDENUM	100	Gram(GM)	19-Jan-21
0001612092	-	THALLIUM(I)ETHYLOXIDE	5	Gram(GM)	19-Jan-21
0001612093	-	INLAND 45	1	Liters(L)	19-Jan-21
0001612094	-	INLAND 45	1	Liters(L)	19-Jan-21
0001612095	-	INLAND 45	1	Liters(L)	19-Jan-21
0001612096	-	PLY-7601 Silicon Resin	1	Pint(PT)	19-Jan-21
0001612097	-	DIPHENYLMETHYLSILANOL	1	Pint(PT)	19-Jan-21
0001612098	70131-67-8	SILICONE POLYMER PLY-7608	1	Pint(PT)	19-Jan-21
0001612099	70131-67-8	SILICONE POLYMER PLY-7608	1	Pint(PT)	19-Jan-21
0001612100	1115-59-9	L-ALANINE ETHYL ESTER HYDROCHLORIDE	25	Gram(GM)	19-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001612101	67-63-0	ISOPROPYL ALCOHOL	4	Liters(L)	19-Jan-21
0001612108	67-63-0	ISOPROPYL ALCOHOL	4	Liters(L)	19-Jan-21
0001612109	67-63-0	ISOPROPYL ALCOHOL	4	Liters(L)	19-Jan-21
0001612110	67-63-0	ISOPROPYL ALCOHOL	4	Liters(L)	19-Jan-21
0001612111	67-63-0	ISOPROPYL ALCOHOL	4	Liters(L)	19-Jan-21
0001612112	67-63-0	ISOPROPYL ALCOHOL	4	Liters(L)	19-Jan-21
0001612113	67-63-0	ISOPROPYL ALCOHOL	4	Liters(L)	19-Jan-21
0001612114	67-63-0	ISOPROPYL ALCOHOL	4	Liters(L)	19-Jan-21
0001612115	67-63-0	ISOPROPYL ALCOHOL	4	Liters(L)	19-Jan-21
0001612107	67-63-0	ISOPROPYL ALCOHOL	4	Liters(L)	19-Jan-21
0001612105	67-63-0	ISOPROPYL ALCOHOL	4	Liters(L)	19-Jan-21
0001612104	67-63-0	ISOPROPYL ALCOHOL	4	Liters(L)	19-Jan-21
0001612103	67-63-0	ISOPROPYL ALCOHOL	4	Liters(L)	19-Jan-21
0001612106	67-63-0	ISOPROPYL ALCOHOL	4	Liters(L)	19-Jan-21
0001612116	67-63-0	ISOPROPYL ALCOHOL	4	Liters(L)	19-Jan-21
0001612102	67-63-0	ISOPROPYL ALCOHOL	4	Liters(L)	19-Jan-21
0001590868	75-09-2	Supelco® 37 Component FAME Mix	1	Milliliter(ML)	19-Jan-21
0001607771	107-18-6	ALLYL ALCOHOL	100	Milliliter(ML)	19-Jan-21
0001611905	7697-37-2	NITRIC ACID	500	Milliliter(ML)	19-Jan-21
0001611906	-	Hydrochloric Acid	500	Milliliter(ML)	19-Jan-21
0001611908	-	THULIUM STANDARD	100	Milliliter(ML)	19-Jan-21
0001611909	512-56-1	TRIMETHYL PHOSPHATE	100	Milliliter(ML)	19-Jan-21
0001611910	-	DIPHENYLCARBAZONE REAGENT POWDER PILLOWS	100	Milliliter(ML)	19-Jan-21
0001611913	-	DIPHENYLCARBAZONE REAGENT POWDER PILLOWS	100	Milliliter(ML)	19-Jan-21
0001611919	-	DIPHENYLCARBAZONE REAGENT POWDER PILLOWS	100	Milliliter(ML)	19-Jan-21
0001611918	-	DIPHENYLCARBAZONE REAGENT POWDER PILLOWS	100	Milliliter(ML)	19-Jan-21
0001611917	-	DIPHENYLCARBAZONE REAGENT POWDER PILLOWS	100	Milliliter(ML)	19-Jan-21
0001611916	-	DIPHENYLCARBAZONE REAGENT POWDER PILLOWS	100	Milliliter(ML)	19-Jan-21
0001611914	-	DIPHENYLCARBAZONE REAGENT POWDER PILLOWS	100	Milliliter(ML)	19-Jan-21
0001611912	-	DIPHENYLCARBAZONE REAGENT POWDER PILLOWS	100	Milliliter(ML)	19-Jan-21
0001611911	-	DIPHENYLCARBAZONE REAGENT POWDER PILLOWS	100	Milliliter(ML)	19-Jan-21
0001611915	-	DIPHENYLCARBAZONE REAGENT POWDER PILLOWS	100	Milliliter(ML)	19-Jan-21
0001611920	-	CUVER 1 COPPER REAGENT	10	Milliliter(ML)	19-Jan-21
0001611923	-	CUVER 1 COPPER REAGENT	10	Milliliter(ML)	19-Jan-21
0001611928	-	CUVER 1 COPPER REAGENT	10	Milliliter(ML)	19-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001611925	-	CUVER 1 COPPER REAGENT	10	Milliliter(ML)	19-Jan-21
0001611921	-	CUVER 1 COPPER REAGENT	10	Milliliter(ML)	19-Jan-21
0001611922	-	CUVER 1 COPPER REAGENT	10	Milliliter(ML)	19-Jan-21
0001611924	-	CUVER 1 COPPER REAGENT	10	Milliliter(ML)	19-Jan-21
0001611927	-	CUVER 1 COPPER REAGENT	10	Milliliter(ML)	19-Jan-21
0001611929	-	CUVER 1 COPPER REAGENT	10	Milliliter(ML)	19-Jan-21
0001611926	-	CUVER 1 COPPER REAGENT	10	Milliliter(ML)	19-Jan-21
0001611930	-	CalVer® 2 Calcium Indicator Powder Pillows	10	Milliliter(ML)	19-Jan-21
0001611935	-	CalVer® 2 Calcium Indicator Powder Pillows	10	Milliliter(ML)	19-Jan-21
0001611931	-	CalVer® 2 Calcium Indicator Powder Pillows	10	Milliliter(ML)	19-Jan-21
0001611936	-	CalVer® 2 Calcium Indicator Powder Pillows	10	Milliliter(ML)	19-Jan-21
0001611932	-	CalVer® 2 Calcium Indicator Powder Pillows	10	Milliliter(ML)	19-Jan-21
0001611934	-	CalVer® 2 Calcium Indicator Powder Pillows	10	Milliliter(ML)	19-Jan-21
0001611939	-	CalVer® 2 Calcium Indicator Powder Pillows	10	Milliliter(ML)	19-Jan-21
0001611938	-	CalVer® 2 Calcium Indicator Powder Pillows	10	Milliliter(ML)	19-Jan-21
0001611937	-	CalVer® 2 Calcium Indicator Powder Pillows	10	Milliliter(ML)	19-Jan-21
0001611933	-	CalVer® 2 Calcium Indicator Powder Pillows	10	Milliliter(ML)	19-Jan-21
0001611940	-	ULTIMA GOLD AB	1	Liters(L)	19-Jan-21
0001611941	10026-24-1	COBALT (II) SULFATE HEPTAHYDRATE	250	Gram(GM)	19-Jan-21
0001611942	13598-65-7	AMMONIUM PERRHENATE	25	Gram(GM)	19-Jan-21
0001611943	9002-18-0	AGAR	1	Kilograms(KG)	19-Jan-21
0001611944	5437-45-6	BENZYL 2-BROMOACETATE	250	Gram(GM)	19-Jan-21
0001611945	-	Pyrophosphate Assay Kit	100	Milliliter(ML)	19-Jan-21
0001611946	7782-61-8	IRON(III) NITRATE NONAHYDRATE	100	Gram(GM)	19-Jan-21
0001611947	20694-39-7	MANGANESE(II) NITRATE TETRAHYDRATE	100	Gram(GM)	19-Jan-21
0001611948	7757-79-1	POTASSIUM NITRATE	100	Gram(GM)	19-Jan-21
0001611967	7697-37-2	NITRIC ACID	250	Milliliter(ML)	19-Jan-21
0001611998	7697-37-2	NITRIC ACID	250	Milliliter(ML)	19-Jan-21
0001611997	7697-37-2	NITRIC ACID	250	Milliliter(ML)	19-Jan-21
0001611996	7697-37-2	NITRIC ACID	250	Milliliter(ML)	19-Jan-21
0001611968	7697-37-2	NITRIC ACID	250	Milliliter(ML)	19-Jan-21
0001611993	7697-37-2	NITRIC ACID	250	Milliliter(ML)	19-Jan-21
0001611969	7697-37-2	NITRIC ACID	250	Milliliter(ML)	19-Jan-21
0001611970	7697-37-2	NITRIC ACID	250	Milliliter(ML)	19-Jan-21
0001611971	7697-37-2	NITRIC ACID	250	Milliliter(ML)	19-Jan-21
0001611977	7697-37-2	NITRIC ACID	250	Milliliter(ML)	19-Jan-21
0001611989	7697-37-2	NITRIC ACID	250	Milliliter(ML)	19-Jan-21
0001611988	7697-37-2	NITRIC ACID	250	Milliliter(ML)	19-Jan-21
0001611987	7697-37-2	NITRIC ACID	250	Milliliter(ML)	19-Jan-21
0001611986	7697-37-2	NITRIC ACID	250	Milliliter(ML)	19-Jan-21
0001611985	7697-37-2	NITRIC ACID	250	Milliliter(ML)	19-Jan-21
0001611984	7697-37-2	NITRIC ACID	250	Milliliter(ML)	19-Jan-21
0001611983	7697-37-2	NITRIC ACID	250	Milliliter(ML)	19-Jan-21
0001611982	7697-37-2	NITRIC ACID	250	Milliliter(ML)	19-Jan-21
0001611981	7697-37-2	NITRIC ACID	250	Milliliter(ML)	19-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001611980	7697-37-2	NITRIC ACID	250	Milliliter(ML)	19-Jan-21
0001611995	7697-37-2	NITRIC ACID	250	Milliliter(ML)	19-Jan-21
0001611978	7697-37-2	NITRIC ACID	250	Milliliter(ML)	19-Jan-21
0001611994	7697-37-2	NITRIC ACID	250	Milliliter(ML)	19-Jan-21
0001611976	7697-37-2	NITRIC ACID	250	Milliliter(ML)	19-Jan-21
0001611975	7697-37-2	NITRIC ACID	250	Milliliter(ML)	19-Jan-21
0001611974	7697-37-2	NITRIC ACID	250	Milliliter(ML)	19-Jan-21
0001611973	7697-37-2	NITRIC ACID	250	Milliliter(ML)	19-Jan-21
0001611991	7697-37-2	NITRIC ACID	250	Milliliter(ML)	19-Jan-21
0001611992	7697-37-2	NITRIC ACID	250	Milliliter(ML)	19-Jan-21
0001611972	7697-37-2	NITRIC ACID	250	Milliliter(ML)	19-Jan-21
0001611990	7697-37-2	NITRIC ACID	250	Milliliter(ML)	19-Jan-21
0001611979	7697-37-2	NITRIC ACID	250	Milliliter(ML)	19-Jan-21
0001611999	7664-39-3	HYDROFLUORIC ACID OPTIMA	500	Milliliter(ML)	19-Jan-21
0001612000	-	Hydrochloric Acid	1	Liters(L)	19-Jan-21
0001612005	-	Hydrochloric Acid	1	Liters(L)	19-Jan-21
0001612001	-	Hydrochloric Acid	1	Liters(L)	19-Jan-21
0001612007	-	Hydrochloric Acid	1	Liters(L)	19-Jan-21
0001612006	-	Hydrochloric Acid	1	Liters(L)	19-Jan-21
0001612004	-	Hydrochloric Acid	1	Liters(L)	19-Jan-21
0001612003	-	Hydrochloric Acid	1	Liters(L)	19-Jan-21
0001612002	-	Hydrochloric Acid	1	Liters(L)	19-Jan-21
0001612008	-	Diamond Compound	18	Gram(GM)	19-Jan-21
0001576111	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576181	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576180	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576179	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576178	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576177	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576140	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001576141	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576142	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576209	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576182	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576144	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576185	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576145	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576146	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576147	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576148	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576149	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576150	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576151	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576152	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576153	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001576210	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576138	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576143	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576190	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576202	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576201	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576200	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576199	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576198	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576197	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576196	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576195	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576194	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576193	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576183	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001576191	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576186	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576189	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576188	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576187	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576204	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576205	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576132	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576207	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576137	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576203	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576184	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576192	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576160	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576134	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001576156	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576139	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576157	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576158	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576112	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576113	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576114	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576115	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576116	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576164	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576125	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576165	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576124	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576123	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576122	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001576121	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576120	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576119	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576118	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576117	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576161	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576162	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576159	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576176	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576135	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576133	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576163	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576131	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576130	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576129	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001576127	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576128	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576211	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576208	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576126	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576155	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576136	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576175	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576174	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576173	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576172	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576171	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576170	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576169	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576168	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001576167	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576166	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576154	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576206	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576212	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576222	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576213	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576214	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576215	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576216	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576217	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576218	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576219	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576229	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576221	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001576223	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576224	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576225	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576226	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576227	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576228	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576220	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576278	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576268	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576286	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576285	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576284	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576283	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576282	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576281	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001576269	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576279	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576271	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576277	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576276	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576275	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576274	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576273	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576272	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576270	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576280	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576260	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576250	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576251	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576252	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001576253	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576254	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576255	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576267	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576249	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576259	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576256	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576261	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576262	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576263	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576264	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576265	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576266	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576230	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576257	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001576232	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576258	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576231	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576248	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576233	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576234	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576235	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576236	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576237	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576238	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576239	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576247	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576240	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576241	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576242	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001576243	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576244	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576245	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001576246	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	20-Jan-21
0001569395	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569442	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569441	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569440	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569439	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569438	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569437	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569443	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569435	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569449	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569436	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569444	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569445	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569446	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569451	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569448	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569434	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569450	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569453	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569452	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569447	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569422	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569494	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569454	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569413	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569415	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569416	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569417	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569418	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569419	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569414	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569421	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569433	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001569423	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569424	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569425	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569426	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569427	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569429	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569431	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569432	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569420	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569487	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569492	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569478	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569479	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569480	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569481	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569482	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569483	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569484	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569476	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569486	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569475	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569488	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569489	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569490	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569491	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569412	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569493	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569428	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569495	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569485	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569466	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569456	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569457	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569458	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569459	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569460	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569461	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569462	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569463	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569477	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569465	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569455	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569467	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569468	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569469	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001569470	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569471	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569472	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569473	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569474	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569464	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569401	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569410	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569409	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569408	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569406	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569404	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569411	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569402	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569407	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569400	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569399	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569398	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569430	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569397	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569396	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569403	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569405	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569496	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569581	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569526	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569502	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569501	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569500	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569499	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569498	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569497	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569584	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569573	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569582	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569505	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569580	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569579	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569578	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569577	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569519	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569520	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569521	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569522	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569523	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001569524	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569525	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569583	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569593	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569508	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569509	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569510	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569511	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569512	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569513	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569507	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569515	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569514	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569596	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569503	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569594	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569504	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569592	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569591	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569590	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569589	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569588	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569587	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569586	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569585	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569506	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569517	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569516	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569595	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569559	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569552	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569553	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569572	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569571	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569570	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569555	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569569	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569527	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569518	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569556	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569551	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569558	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569554	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569560	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569561	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001569562	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569563	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569564	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569565	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569566	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569567	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569568	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569575	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569574	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569557	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569534	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569540	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569550	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569538	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569576	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569537	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569541	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569535	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569539	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569533	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569532	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569531	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569530	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569529	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569528	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569536	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569545	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569549	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569548	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569547	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569546	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569544	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569543	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569542	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569597	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569673	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569666	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569672	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569668	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569671	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569663	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569670	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569683	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569665	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569696	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001569669	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569667	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569661	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569674	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569662	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569695	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569664	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569686	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569619	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569660	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569694	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569693	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569692	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569691	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569690	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569689	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569681	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569687	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569675	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569685	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569684	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569682	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569680	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569679	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569678	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569677	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569676	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569688	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569626	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569621	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569635	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569634	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569633	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569632	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569631	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569630	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569629	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569637	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569627	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569638	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569625	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569624	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569623	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569622	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569620	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001569618	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569617	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569697	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569599	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569628	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569648	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569658	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569657	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569656	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569655	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569654	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569653	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569652	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569651	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569636	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569649	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569659	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569647	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569646	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569645	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569644	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569643	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569642	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569641	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569640	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569639	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569650	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569609	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569602	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569616	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569603	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569604	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569605	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569606	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569600	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569608	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569598	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569610	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569611	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569612	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569613	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569614	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569615	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569607	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569601	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001569698	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569763	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569780	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569781	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569782	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569783	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569784	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569778	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569761	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569760	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569759	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569758	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569757	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569756	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569754	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569752	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569708	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569772	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569770	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569769	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569768	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569767	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569766	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569765	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569779	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569753	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569771	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569751	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569762	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569773	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569774	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569775	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569776	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569777	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569764	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569711	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569750	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569723	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569755	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569721	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569720	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569719	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569718	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569717	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569716	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001569715	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569714	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569725	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569712	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569724	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569710	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569709	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569699	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569700	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569701	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569702	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569703	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569704	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569705	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569706	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569707	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569713	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569741	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569749	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569748	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569747	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569746	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569745	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569744	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569722	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569742	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569726	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569740	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569739	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569729	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569727	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569743	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569728	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569738	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569730	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569731	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569732	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569733	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569734	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569735	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569736	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569737	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569798	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569797	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569796	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001569795	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569789	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569794	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569793	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569790	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569788	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569787	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569786	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569785	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569792	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569791	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001611903	-	Detector Solution Mixture	110	Milliliter(ML)	20-Jan-21
0001569799	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001611904	-	Detector Solution Mixture	110	Milliliter(ML)	20-Jan-21
0001569854	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569853	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569852	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569851	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569850	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569849	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569855	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569848	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569846	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569856	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569843	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569862	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569842	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569841	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569840	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569844	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569865	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569874	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569873	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569872	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569871	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569870	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569869	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569868	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569860	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569866	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569857	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569864	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569863	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569845	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569861	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001569839	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569859	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569858	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569867	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569838	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569817	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569816	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569815	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569814	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569813	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569812	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569811	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569818	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569809	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569808	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569807	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569847	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569805	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569804	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569803	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569802	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569801	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569800	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569810	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569834	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569806	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569819	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569837	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569835	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569833	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569832	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569831	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569830	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569829	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569821	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569836	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569820	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569828	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569822	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569823	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569824	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569825	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569826	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001569827	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	20-Jan-21
0001657446	7440-59-7	HELIUM GAS	100	Liters(L)	20-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001657447	-	R-407C	25	Pounds(LB)	20-Jan-21
0001657449	-	R-407C	25	Pounds(LB)	20-Jan-21
0001657448	-	R-407C	25	Pounds(LB)	20-Jan-21
0001657450	-	Oxygen Nitrogen	5	Pounds(LB)	20-Jan-21
0001657451	-	Oxygen Nitrogen	5	Pounds(LB)	20-Jan-21
0001657437	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	20-Jan-21
0001657438	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	20-Jan-21
0001646661	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	20-Jan-21
0001646674	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	20-Jan-21
0001646664	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	20-Jan-21
0001646675	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	20-Jan-21
0001646673	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	20-Jan-21
0001646672	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	20-Jan-21
0001646671	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	20-Jan-21
0001646670	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	20-Jan-21
0001646669	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	20-Jan-21
0001646668	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	20-Jan-21
0001646667	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	20-Jan-21
0001646666	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	20-Jan-21
0001646663	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	20-Jan-21
0001646665	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	20-Jan-21
0001646662	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	20-Jan-21
0001610322	-	AA-BOND 2103 RESIN EPOXY HARDENER	1	Gram(GM)	20-Jan-21
0001612078	13477-91-3	Neodymium (III) sulfate	100	Gram(GM)	20-Jan-21
0001612079	16454-60-7	Neodymium(III) nitrate hexahydrate	250	Gram(GM)	20-Jan-21
0001612009	-	Diamond Compound	18	Gram(GM)	21-Jan-21
0001612011	-	Diamond Compound	18	Gram(GM)	21-Jan-21
0001612012	-	Diamond Compound	18	Gram(GM)	21-Jan-21
0001612013	-	Diamond Compound	18	Gram(GM)	21-Jan-21
0001612014	-	Diamond Compound	18	Gram(GM)	21-Jan-21
0001612010	-	Diamond Compound	18	Gram(GM)	21-Jan-21
0001612017	-	Diamond Compound	18	Gram(GM)	21-Jan-21
0001612016	-	Diamond Compound	18	Gram(GM)	21-Jan-21
0001612018	-	Diamond Compound	18	Gram(GM)	21-Jan-21
0001612019	-	Diamond Compound	18	Gram(GM)	21-Jan-21
0001612020	-	Diamond Compound	18	Gram(GM)	21-Jan-21
0001612021	-	Diamond Compound	18	Gram(GM)	21-Jan-21
0001612022	-	Diamond Compound	18	Gram(GM)	21-Jan-21
0001612015	-	Diamond Compound	18	Gram(GM)	21-Jan-21
0001607708	-	SNOOP LIQUID LEAK DETECTOR	236	Milliliter(ML)	21-Jan-21
0001607709	-	SNOOP LIQUID LEAK DETECTOR	236	Milliliter(ML)	21-Jan-21
0001607710	-	SNOOP LIQUID LEAK DETECTOR	236	Milliliter(ML)	21-Jan-21
0001540854	-	MOBILITH SHC 007 GREASE	1	Quarts(QT)	21-Jan-21
0001540808	-	MOBILITH SHC 007 GREASE	1	Quarts(QT)	21-Jan-21
0001540809	-	MOBILITH SHC 007 GREASE	1	Quarts(QT)	21-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001058637	-	GLYPTAL 1201	12.75	Ounces(OZ)	21-Jan-21
0001058642	-	GLYPTAL 1201	12.75	Ounces(OZ)	21-Jan-21
0001058639	-	GLYPTAL 1201	12.75	Ounces(OZ)	21-Jan-21
0001058640	-	GLYPTAL 1201	12.75	Ounces(OZ)	21-Jan-21
0001058641	-	GLYPTAL 1201	12.75	Ounces(OZ)	21-Jan-21
0001058638	-	GLYPTAL 1201	12.75	Ounces(OZ)	21-Jan-21
0001607711	13726-84-6	N-Boc-L-glutamic acid 5-tert-butyl ester	5	Gram(GM)	21-Jan-21
0001607712	10580-19-5	SODIUM 4-HYDROXYBENZENESULFONATE DIHYDRATE	100	Gram(GM)	21-Jan-21
0001607713	4923-84-6	tert-Butylphophonic Acid	5	Gram(GM)	21-Jan-21
0001607714	-	RNAzol-RT RNAzol-BD	100	Milliliter(ML)	21-Jan-21
0001607715	1185-53-1	OmniPur Tris - Hydrochloride	500	Gram(GM)	21-Jan-21
0001608997	-	SCOTCH-WELD EPOXY ADHESIVE	200	Milliliter(ML)	21-Jan-21
0001608999	-	SCOTCH-WELD EPOXY ADHESIVE	200	Milliliter(ML)	21-Jan-21
0001608998	-	SCOTCH-WELD EPOXY ADHESIVE	200	Milliliter(ML)	21-Jan-21
0001609000	-	SCOTCH-WELD EPOXY ADHESIVE	200	Milliliter(ML)	21-Jan-21
0001609001	-	SCOTCH-WELD EPOXY ADHESIVE	200	Milliliter(ML)	21-Jan-21
0001609002	-	SCOTCH-WELD EPOXY ADHESIVE	200	Milliliter(ML)	21-Jan-21
0001609003	-	SCOTCH-WELD EPOXY ADHESIVE	200	Milliliter(ML)	21-Jan-21
0001609004	-	SCOTCH-WELD EPOXY ADHESIVE	200	Milliliter(ML)	21-Jan-21
0001609005	-	SCOTCH-WELD EPOXY ADHESIVE	200	Milliliter(ML)	21-Jan-21
0001609006	-	SCOTCH-WELD EPOXY ADHESIVE	200	Milliliter(ML)	21-Jan-21
0001609008	-	SCOTCH-WELD EPOXY ADHESIVE	200	Milliliter(ML)	21-Jan-21
0001609007	-	SCOTCH-WELD EPOXY ADHESIVE	200	Milliliter(ML)	21-Jan-21
0001612208	742099-80-5	1-Ethyl-3-methylimidazolium tetracyanoborate Solarpur	25	Gram(GM)	21-Jan-21
0001612209	7697-37-2	Nitric acid (65 - 70%)	2	Liters(L)	21-Jan-21
0001612219	7697-37-2	Nitric acid (65 - 70%)	2	Liters(L)	21-Jan-21
0001612215	7697-37-2	Nitric acid (65 - 70%)	2	Liters(L)	21-Jan-21
0001612210	7697-37-2	Nitric acid (65 - 70%)	2	Liters(L)	21-Jan-21
0001612211	7697-37-2	Nitric acid (65 - 70%)	2	Liters(L)	21-Jan-21
0001612212	7697-37-2	Nitric acid (65 - 70%)	2	Liters(L)	21-Jan-21
0001612221	7697-37-2	Nitric acid (65 - 70%)	2	Liters(L)	21-Jan-21
0001612214	7697-37-2	Nitric acid (65 - 70%)	2	Liters(L)	21-Jan-21
0001612216	7697-37-2	Nitric acid (65 - 70%)	2	Liters(L)	21-Jan-21
0001612217	7697-37-2	Nitric acid (65 - 70%)	2	Liters(L)	21-Jan-21
0001612218	7697-37-2	Nitric acid (65 - 70%)	2	Liters(L)	21-Jan-21
0001612220	7697-37-2	Nitric acid (65 - 70%)	2	Liters(L)	21-Jan-21
0001612222	7697-37-2	Nitric acid (65 - 70%)	2	Liters(L)	21-Jan-21
0001612223	7697-37-2	Nitric acid (65 - 70%)	2	Liters(L)	21-Jan-21
0001612224	7697-37-2	Nitric acid (65 - 70%)	2	Liters(L)	21-Jan-21
0001612213	7697-37-2	Nitric acid (65 - 70%)	2	Liters(L)	21-Jan-21
0001612225	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	22-Jan-21
0001612247	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	22-Jan-21
0001612258	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	22-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001612264	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	22-Jan-21
0001612263	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	22-Jan-21
0001612262	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	22-Jan-21
0001612261	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	22-Jan-21
0001612260	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	22-Jan-21
0001612259	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	22-Jan-21
0001612243	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	22-Jan-21
0001612233	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	22-Jan-21
0001612229	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	22-Jan-21
0001612230	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	22-Jan-21
0001612226	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	22-Jan-21
0001612249	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	22-Jan-21
0001612227	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	22-Jan-21
0001612228	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	22-Jan-21
0001612248	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	22-Jan-21
0001612246	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	22-Jan-21
0001612232	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	22-Jan-21
0001612244	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	22-Jan-21
0001612231	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	22-Jan-21
0001612242	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	22-Jan-21
0001612241	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	22-Jan-21
0001612240	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	22-Jan-21
0001612239	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	22-Jan-21
0001612238	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	22-Jan-21
0001612237	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	22-Jan-21
0001612236	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	22-Jan-21
0001612235	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	22-Jan-21
0001612234	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	22-Jan-21
0001612245	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	22-Jan-21
0001612256	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	22-Jan-21
0001612255	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	22-Jan-21
0001612254	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	22-Jan-21
0001612253	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	22-Jan-21
0001612252	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	22-Jan-21
0001612251	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	22-Jan-21
0001612250	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	22-Jan-21
0001612257	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	22-Jan-21
0001612265	19184-65-7	2-(Bromomethyl)-2-(hydroxymethyl)-1 3-propanediol	5	Gram(GM)	22-Jan-21
0001612266	1066-54-2	TRIMETHYLSILYLACETYLENE 98%	25	Gram(GM)	22-Jan-21
0001612269	1066-54-2	TRIMETHYLSILYLACETYLENE 98%	25	Gram(GM)	22-Jan-21
0001612268	1066-54-2	TRIMETHYLSILYLACETYLENE 98%	25	Gram(GM)	22-Jan-21
0001612267	1066-54-2	TRIMETHYLSILYLACETYLENE 98%	25	Gram(GM)	22-Jan-21
0001612270	-	Silver Conductive Ink	25	Gram(GM)	22-Jan-21
0001612271	-	LANL-69 Custom Solution	500	Milliliter(ML)	22-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001612272	4731-65-1	TRIS(O-METHOXYPHENYL) PHOSPHINE	5	Gram(GM)	22-Jan-21
0001612273	41459-42-1	3-Bromo-2-(bromomethyl)propionic acid	5	Gram(GM)	22-Jan-21
0001612274	41459-42-1	3-Bromo-2-(bromomethyl)propionic acid	5	Gram(GM)	22-Jan-21
0001612275	-	DRIERITE INDICATING	5	Pounds(LB)	22-Jan-21
0001612276	-	DRIERITE INDICATING (4 MESH)	5	Pounds(LB)	22-Jan-21
0001612277	3811-04-9	POTASSIUM CHLORATE	100	Gram(GM)	22-Jan-21
0001612278	3811-04-9	POTASSIUM CHLORATE	100	Gram(GM)	22-Jan-21
0001612279	67-64-1	ACETONE FOR HPLC	1	Liters(L)	22-Jan-21
0001612281	67-64-1	ACETONE FOR HPLC	1	Liters(L)	22-Jan-21
0001612283	67-64-1	ACETONE FOR HPLC	1	Liters(L)	22-Jan-21
0001612280	67-64-1	ACETONE FOR HPLC	1	Liters(L)	22-Jan-21
0001612282	67-64-1	ACETONE FOR HPLC	1	Liters(L)	22-Jan-21
0001612284	14516-54-2	BROMOPENTACARBONYLMANGANESE	5	Gram(GM)	22-Jan-21
0001612285	-	SYLGARD 164 Silicone Elastomer Part A	210	Milliliter(ML)	22-Jan-21
0001612286	-	SYLGARD 160 Silicone Elastomer-Part A	210	Milliliter(ML)	22-Jan-21
0001612287	9002-18-0	AGAR	1	Kilograms(KG)	22-Jan-21
0001607716	1336-21-6	ammonium hydroxide	2.5	Liters(L)	22-Jan-21
0001607773	2501-94-2	t-BUTYLPHOSPHINE	5	Gram(GM)	22-Jan-21
0001612288	865-47-4	POTASSIUM tert-BUTOXIDE	5	Gram(GM)	22-Jan-21
0001612289	67-63-0	ISOPROPYL ALCOHOL	4	Gallon(GAL)	22-Jan-21
0001612293	60-29-7	ETHYL ETHER ANHYDROUS	4	Liters(L)	22-Jan-21
0001612295	60-29-7	ETHYL ETHER ANHYDROUS	4	Liters(L)	22-Jan-21
0001612296	60-29-7	ETHYL ETHER ANHYDROUS	4	Liters(L)	22-Jan-21
0001612294	60-29-7	ETHYL ETHER ANHYDROUS	4	Liters(L)	22-Jan-21
0001657452	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	22-Jan-21
0001657463	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	22-Jan-21
0001657465	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	22-Jan-21
0001657464	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	22-Jan-21
0001657454	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	22-Jan-21
0001657455	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	22-Jan-21
0001657456	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	22-Jan-21
0001657457	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	22-Jan-21
0001657458	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	22-Jan-21
0001657459	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	22-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001657460	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	22-Jan-21
0001657461	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	22-Jan-21
0001657462	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	22-Jan-21
0001657453	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	22-Jan-21
0001657466	-	CARBON DIOXIDE 5% IN AIR	220	Cubic Feet(CF)	22-Jan-21
0001612297	75-09-2	DICHLOROMETHANE	4	Liters(L)	22-Jan-21
0001657467	-	CARBON DIOXIDE 5% IN AIR	220	Cubic Feet(CF)	22-Jan-21
0001612301	75-09-2	DICHLOROMETHANE	4	Liters(L)	22-Jan-21
0001612298	75-09-2	DICHLOROMETHANE	4	Liters(L)	22-Jan-21
0001612300	75-09-2	DICHLOROMETHANE	4	Liters(L)	22-Jan-21
0001612302	75-09-2	DICHLOROMETHANE	4	Liters(L)	22-Jan-21
0001612303	75-09-2	DICHLOROMETHANE	4	Liters(L)	22-Jan-21
0001612304	75-09-2	DICHLOROMETHANE	4	Liters(L)	22-Jan-21
0001612299	75-09-2	DICHLOROMETHANE	4	Liters(L)	22-Jan-21
0001657471	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	22-Jan-21
0001657479	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	22-Jan-21
0001657478	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	22-Jan-21
0001657477	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	22-Jan-21
0001657476	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	22-Jan-21
0001657475	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	22-Jan-21
0001657474	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	22-Jan-21
0001657480	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	22-Jan-21
0001657472	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	22-Jan-21
0001657470	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	22-Jan-21
0001657481	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	22-Jan-21
0001657469	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	22-Jan-21
0001657482	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	22-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001657468	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	22-Jan-21
0001657473	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	22-Jan-21
0001612292	67-63-0	ISOPROPYL ALCOHOL	4	Gallon(GAL)	22-Jan-21
0001612291	67-63-0	ISOPROPYL ALCOHOL	4	Gallon(GAL)	22-Jan-21
0001612290	67-63-0	ISOPROPYL ALCOHOL	4	Gallon(GAL)	22-Jan-21
0001657483	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	22-Jan-21
0001657487	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	22-Jan-21
0001657484	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	22-Jan-21
0001657485	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	22-Jan-21
0001657486	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	22-Jan-21
0001657488	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	22-Jan-21
0001657489	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	22-Jan-21
0001657490	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	22-Jan-21
0001657495	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	22-Jan-21
0001657492	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	22-Jan-21
0001657493	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	22-Jan-21
0001657494	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	22-Jan-21
0001657491	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	22-Jan-21
0001657497	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	22-Jan-21
0001657496	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	22-Jan-21
0001657498	-	ARGON GAS	220	Cubic Feet(CF)	22-Jan-21
0001657505	-	ARGON GAS	220	Cubic Feet(CF)	22-Jan-21
0001657506	-	ARGON GAS	220	Cubic Feet(CF)	22-Jan-21
0001657507	-	ARGON GAS	220	Cubic Feet(CF)	22-Jan-21
0001657508	-	ARGON GAS	220	Cubic Feet(CF)	22-Jan-21
0001657509	-	ARGON GAS	220	Cubic Feet(CF)	22-Jan-21
0001657510	-	ARGON GAS	220	Cubic Feet(CF)	22-Jan-21
0001657512	-	ARGON GAS	220	Cubic Feet(CF)	22-Jan-21
0001657511	-	ARGON GAS	220	Cubic Feet(CF)	22-Jan-21
0001657504	-	ARGON GAS	220	Cubic Feet(CF)	22-Jan-21
0001657514	-	ARGON GAS	220	Cubic Feet(CF)	22-Jan-21
0001657520	-	ARGON GAS	220	Cubic Feet(CF)	22-Jan-21
0001657513	-	ARGON GAS	220	Cubic Feet(CF)	22-Jan-21
0001657515	-	ARGON GAS	220	Cubic Feet(CF)	22-Jan-21
0001657503	-	ARGON GAS	220	Cubic Feet(CF)	22-Jan-21
0001657527	-	ARGON GAS	220	Cubic Feet(CF)	22-Jan-21
0001657526	-	ARGON GAS	220	Cubic Feet(CF)	22-Jan-21
0001657525	-	ARGON GAS	220	Cubic Feet(CF)	22-Jan-21
0001657524	-	ARGON GAS	220	Cubic Feet(CF)	22-Jan-21
0001657523	-	ARGON GAS	220	Cubic Feet(CF)	22-Jan-21
0001657521	-	ARGON GAS	220	Cubic Feet(CF)	22-Jan-21
0001657517	-	ARGON GAS	220	Cubic Feet(CF)	22-Jan-21
0001657519	-	ARGON GAS	220	Cubic Feet(CF)	22-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001657528	-	ARGON GAS	220	Cubic Feet(CF)	22-Jan-21
0001657516	-	ARGON GAS	220	Cubic Feet(CF)	22-Jan-21
0001657518	-	ARGON GAS	220	Cubic Feet(CF)	22-Jan-21
0001657522	-	ARGON GAS	220	Cubic Feet(CF)	22-Jan-21
0001657499	-	ARGON GAS	220	Cubic Feet(CF)	22-Jan-21
0001657502	-	ARGON GAS	220	Cubic Feet(CF)	22-Jan-21
0001657501	-	ARGON GAS	220	Cubic Feet(CF)	22-Jan-21
0001657500	-	ARGON GAS	220	Cubic Feet(CF)	22-Jan-21
0001612305	12069-32-8	BORON CARBIDE	50	Pounds(LB)	22-Jan-21
0001657529	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jan-21
0001657546	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jan-21
0001657547	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jan-21
0001657548	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jan-21
0001657549	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jan-21
0001657550	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jan-21
0001657551	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jan-21
0001657552	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jan-21
0001657537	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jan-21
0001657540	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jan-21
0001657535	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jan-21
0001657543	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jan-21
0001657541	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jan-21
0001657539	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jan-21
0001657538	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jan-21
0001657530	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jan-21
0001657536	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jan-21
0001657534	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jan-21
0001657533	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jan-21
0001657532	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jan-21
0001657531	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jan-21
0001657542	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jan-21
0001657544	-	25% Carbon Dioxide 75% Argon	220	Cubic Feet(CF)	22-Jan-21
0001612306	9002-89-5	POLYVINYL ALCOHOL	1	Kilograms(KG)	22-Jan-21
0001657545	-	25% Carbon Dioxide 75% Argon	220	Cubic Feet(CF)	22-Jan-21
0001612308	9002-89-5	POLYVINYL ALCOHOL	1	Kilograms(KG)	22-Jan-21
0001612310	9002-89-5	POLYVINYL ALCOHOL	1	Kilograms(KG)	22-Jan-21
0001612309	9002-89-5	POLYVINYL ALCOHOL	1	Kilograms(KG)	22-Jan-21
0001612307	9002-89-5	POLYVINYL ALCOHOL	1	Kilograms(KG)	22-Jan-21
0001657553	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	22-Jan-21
0001657554	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	22-Jan-21
0001657555	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	22-Jan-21
0001657559	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	22-Jan-21
0001657569	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	22-Jan-21
0001657568	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	22-Jan-21
0001657567	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	22-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001657566	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	22-Jan-21
0001657565	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	22-Jan-21
0001657564	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	22-Jan-21
0001657563	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	22-Jan-21
0001657562	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	22-Jan-21
0001657570	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	22-Jan-21
0001657558	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	22-Jan-21
0001657557	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	22-Jan-21
0001657556	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	22-Jan-21
0001657561	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	22-Jan-21
0001657560	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	22-Jan-21
0001657571	-	Compressed Air	220	Cubic Feet(CF)	22-Jan-21
0001657574	-	Compressed Air	220	Cubic Feet(CF)	22-Jan-21
0001657581	-	Compressed Air	220	Cubic Feet(CF)	22-Jan-21
0001657582	-	Compressed Air	220	Cubic Feet(CF)	22-Jan-21
0001657583	-	Compressed Air	220	Cubic Feet(CF)	22-Jan-21
0001657584	-	Compressed Air	220	Cubic Feet(CF)	22-Jan-21
0001657585	-	Compressed Air	220	Cubic Feet(CF)	22-Jan-21
0001657579	-	Compressed Air	220	Cubic Feet(CF)	22-Jan-21
0001657578	-	Compressed Air	220	Cubic Feet(CF)	22-Jan-21
0001657577	-	Compressed Air	220	Cubic Feet(CF)	22-Jan-21
0001657573	-	Compressed Air	220	Cubic Feet(CF)	22-Jan-21
0001657572	-	Compressed Air	220	Cubic Feet(CF)	22-Jan-21
0001657576	-	Compressed Air	220	Cubic Feet(CF)	22-Jan-21
0001657580	-	Compressed Air	220	Cubic Feet(CF)	22-Jan-21
0001657575	-	Compressed Air	220	Cubic Feet(CF)	22-Jan-21
0001657586	7440-59-7	HELIUM GAS	100	Liters(L)	22-Jan-21
0001657587	7440-59-7	HELIUM GAS	100	Liters(L)	22-Jan-21
0001657588	7647-01-0	HYDROGEN CHLORIDE	100	Liters(L)	22-Jan-21
0001657589	7647-01-0	HYDROGEN CHLORIDE	100	Liters(L)	22-Jan-21
0001657590	7647-01-0	HYDROGEN CHLORIDE	100	Liters(L)	22-Jan-21
0001612311	13770-89-3	NICKEL SULFAMATE	55	Gallon(GAL)	22-Jan-21
0001612312	7782-40-3	DIAMOND	1	Kilograms(KG)	22-Jan-21
0001612313	7782-40-3	DIAMOND	1	Kilograms(KG)	22-Jan-21
V000007A71	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A72	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A73	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A7B	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A75	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A78	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A77	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A70	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A68	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A79	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A7A	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000007A6F	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A6E	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A6D	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A6C	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A6B	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A69	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A67	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A66	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A7C	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A8C	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A64	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A65	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A6A	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A89	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A95	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A94	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A93	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A92	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A91	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A90	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A8F	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A8E	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A8D	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A74	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A8A	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A63	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A7D	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A88	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A87	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A86	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A85	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A84	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A83	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A82	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A81	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A80	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A7F	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A7E	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A8B	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A3C	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A48	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A47	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000007A46	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A45	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A44	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A43	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A42	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A41	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A40	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A3F	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A49	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A3D	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A3A	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A3B	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A39	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A37	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A36	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A35	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A34	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A33	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A32	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A62	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A76	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A3E	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A5B	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A61	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A60	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A38	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A4A	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A5F	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A5E	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A5C	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A5A	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A59	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A58	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A57	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A50	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A4D	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A4E	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A5D	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A4B	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A56	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A4C	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A4F	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000007A51	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A52	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A53	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A54	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A55	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
0001612317	75-09-2	DICHLOROMETHANE	4	Liters(L)	22-Jan-21
V000007ABD	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007AC5	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007AC3	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007AC6	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007AC7	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007AC2	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007AC4	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007AC1	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007AC0	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007ABE	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007ABC	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007AC8	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007AD4	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007ABB	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007ABA	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007ABF	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007AD0	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A9C	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007AB9	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007AD8	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007AD7	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007AD6	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007AD5	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007AD2	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007AD1	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007AC9	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007ACF	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007ACE	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000007ACD	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007ACC	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007ACB	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007ACA	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007AD3	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A9A	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A9E	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007AA3	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007AA2	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007AA1	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007AA0	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A9F	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007AA5	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A9B	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007AA6	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A99	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A98	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A97	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A96	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007AD9	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007AAF	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007A9D	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007AAE	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007AB7	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007AB6	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007AB5	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007AB4	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007AB3	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007AB2	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007AA4	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007AB0	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007AB8	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007AAC	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007AAB	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007AAA	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007AA9	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007AA8	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000007AA7	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007AB1	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
V000007AAD	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	22-Jan-21
0001612318	109-99-9	TETRAHYDROFURAN	2.5	Liters(L)	22-Jan-21
0001612319	5470-11-1	HYDROXYLAMINE HYDROCHLORIDE	100	Gram(GM)	22-Jan-21
0001576661	-	Rando HD 32 46 68	5	Gallon(GAL)	22-Jan-21
0001576663	-	Rando HD 32 46 68	5	Gallon(GAL)	22-Jan-21
0001576664	-	Rando HD 32 46 68	5	Gallon(GAL)	22-Jan-21
0001576662	-	Rando HD 32 46 68	5	Gallon(GAL)	22-Jan-21
0001576665	-	QUINSYN-PLUS SYNTHETIC AIR COMPRESSOR FLUID	5	Gallon(GAL)	22-Jan-21
0001612320	97-90-5	Ethylene glycol dimethacrylate	500	Milliliter(ML)	22-Jan-21
0001612321	13478-10-9	IRON(II) CHLORIDE TETRAHYDRATE	250	Gram(GM)	22-Jan-21
0001612322	13478-10-9	IRON(II) CHLORIDE TETRAHYDRATE	250	Gram(GM)	22-Jan-21
0001612323	7727-21-1	POTASSIUM PERSULFATE	500	Gram(GM)	22-Jan-21
0001612324	-	n-butyllithium	100	Milliliter(ML)	22-Jan-21
0001575982	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001575998	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001576008	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001576007	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001576006	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001576005	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001576003	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001575997	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001575999	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001576000	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001576002	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001576004	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001575985	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001575994	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001575993	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001575992	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001575991	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001575990	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001575989	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001575988	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001575986	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001576001	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001575984	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001575983	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001575996	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001575995	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001575987	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001576012	-	portland cement 1	60	Pounds(LB)	22-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001576009	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001576010	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001576011	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001576034	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001576031	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001576023	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001576024	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001576025	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001576026	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001576027	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001576028	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001576036	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001576030	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001576022	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001576032	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001576033	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001576013	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001576035	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001576014	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001576037	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001576038	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001576029	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001576018	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001576015	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001576017	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001576019	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001576020	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001576021	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001576016	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001576669	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001576674	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001576673	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001576672	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001576671	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001576670	-	portland cement 1	60	Pounds(LB)	22-Jan-21
0001576308	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001576320	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001576319	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001576317	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001576315	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001576314	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001576313	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001576321	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001576311	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001576318	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001576310	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001576309	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001576312	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001576323	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001576324	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001576316	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001576325	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001576326	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001576322	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001575490	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001575492	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001575531	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001575526	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001575528	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001575525	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001575518	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001575521	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001575493	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001575494	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001575491	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001575524	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001575522	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001575532	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001575533	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001575534	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001575519	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001575520	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001575529	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001575495	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001575508	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001575523	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001575507	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001575517	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001575516	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001575515	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001575514	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001575513	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001575512	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001575511	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001575510	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001575506	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001575527	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001575496	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001575530	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001575505	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001575504	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001575503	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001575502	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001575501	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001575500	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001575499	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001575498	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001575497	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001575509	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	22-Jan-21
0001576687	-	portland cement 1	70	Pounds(LB)	22-Jan-21
0001576708	-	portland cement 1	70	Pounds(LB)	22-Jan-21
0001576688	-	portland cement 1	70	Pounds(LB)	22-Jan-21
0001576696	-	portland cement 1	70	Pounds(LB)	22-Jan-21
0001576697	-	portland cement 1	70	Pounds(LB)	22-Jan-21
0001576698	-	portland cement 1	70	Pounds(LB)	22-Jan-21
0001576699	-	portland cement 1	70	Pounds(LB)	22-Jan-21
0001576700	-	portland cement 1	70	Pounds(LB)	22-Jan-21
0001576701	-	portland cement 1	70	Pounds(LB)	22-Jan-21
0001576690	-	portland cement 1	70	Pounds(LB)	22-Jan-21
0001576702	-	portland cement 1	70	Pounds(LB)	22-Jan-21
0001576703	-	portland cement 1	70	Pounds(LB)	22-Jan-21
0001576704	-	portland cement 1	70	Pounds(LB)	22-Jan-21
0001576705	-	portland cement 1	70	Pounds(LB)	22-Jan-21
0001576692	-	portland cement 1	70	Pounds(LB)	22-Jan-21
0001576707	-	portland cement 1	70	Pounds(LB)	22-Jan-21
0001576695	-	portland cement 1	70	Pounds(LB)	22-Jan-21
0001576709	-	portland cement 1	70	Pounds(LB)	22-Jan-21
0001576710	-	portland cement 1	70	Pounds(LB)	22-Jan-21
0001576711	-	portland cement 1	70	Pounds(LB)	22-Jan-21
0001576712	-	portland cement 1	70	Pounds(LB)	22-Jan-21
0001576713	-	portland cement 1	70	Pounds(LB)	22-Jan-21
0001576714	-	portland cement 1	70	Pounds(LB)	22-Jan-21
0001576715	-	portland cement 1	70	Pounds(LB)	22-Jan-21
0001576716	-	portland cement 1	70	Pounds(LB)	22-Jan-21
0001576694	-	portland cement 1	70	Pounds(LB)	22-Jan-21
0001576691	-	portland cement 1	70	Pounds(LB)	22-Jan-21
0001576693	-	portland cement 1	70	Pounds(LB)	22-Jan-21
0001576689	-	portland cement 1	70	Pounds(LB)	22-Jan-21
0001576706	-	portland cement 1	70	Pounds(LB)	22-Jan-21
0001576717	-	Clorox Regular-Bleach	1	Gallon(GAL)	22-Jan-21
0001576738	-	Clorox Regular-Bleach	1	Gallon(GAL)	22-Jan-21
0001576739	-	Clorox Regular-Bleach	1	Gallon(GAL)	22-Jan-21
0001576740	-	Clorox Regular-Bleach	1	Gallon(GAL)	22-Jan-21
0001576741	-	Clorox Regular-Bleach	1	Gallon(GAL)	22-Jan-21
0001576742	-	Clorox Regular-Bleach	1	Gallon(GAL)	22-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001576743	-	Clorox Regular-Bleach	1	Gallon(GAL)	22-Jan-21
0001576744	-	Clorox Regular-Bleach	1	Gallon(GAL)	22-Jan-21
0001576746	-	Clorox Regular-Bleach	1	Gallon(GAL)	22-Jan-21
0001576728	-	Clorox Regular-Bleach	1	Gallon(GAL)	22-Jan-21
0001576745	-	Clorox Regular-Bleach	1	Gallon(GAL)	22-Jan-21
0001576725	-	Clorox Regular-Bleach	1	Gallon(GAL)	22-Jan-21
0001576718	-	Clorox Regular-Bleach	1	Gallon(GAL)	22-Jan-21
0001576719	-	Clorox Regular-Bleach	1	Gallon(GAL)	22-Jan-21
0001576720	-	Clorox Regular-Bleach	1	Gallon(GAL)	22-Jan-21
0001576721	-	Clorox Regular-Bleach	1	Gallon(GAL)	22-Jan-21
0001576722	-	Clorox Regular-Bleach	1	Gallon(GAL)	22-Jan-21
0001576730	-	Clorox Regular-Bleach	1	Gallon(GAL)	22-Jan-21
0001576724	-	Clorox Regular-Bleach	1	Gallon(GAL)	22-Jan-21
0001576737	-	Clorox Regular-Bleach	1	Gallon(GAL)	22-Jan-21
0001576726	-	Clorox Regular-Bleach	1	Gallon(GAL)	22-Jan-21
0001576727	-	Clorox Regular-Bleach	1	Gallon(GAL)	22-Jan-21
0001576729	-	Clorox Regular-Bleach	1	Gallon(GAL)	22-Jan-21
0001576731	-	Clorox Regular-Bleach	1	Gallon(GAL)	22-Jan-21
0001576732	-	Clorox Regular-Bleach	1	Gallon(GAL)	22-Jan-21
0001576733	-	Clorox Regular-Bleach	1	Gallon(GAL)	22-Jan-21
0001576734	-	Clorox Regular-Bleach	1	Gallon(GAL)	22-Jan-21
0001576735	-	Clorox Regular-Bleach	1	Gallon(GAL)	22-Jan-21
0001576736	-	Clorox Regular-Bleach	1	Gallon(GAL)	22-Jan-21
0001576723	-	Clorox Regular-Bleach	1	Gallon(GAL)	22-Jan-21
0001612325	-	n-butyllithium	100	Milliliter(ML)	22-Jan-21
0001612326	10043-11-5	BORON NITRIDE	100	Milligram(MG)	22-Jan-21
0001612327	-	3094-T-REV-A	10	Milliliter(ML)	22-Jan-21
0001612332	-	3094-T-REV-A	10	Milliliter(ML)	22-Jan-21
0001612329	-	3094-T-REV-A	10	Milliliter(ML)	22-Jan-21
0001612331	-	3094-T-REV-A	10	Milliliter(ML)	22-Jan-21
0001612333	-	3094-T-REV-A	10	Milliliter(ML)	22-Jan-21
0001612334	-	3094-T-REV-A	10	Milliliter(ML)	22-Jan-21
0001612335	-	3094-T-REV-A	10	Milliliter(ML)	22-Jan-21
0001612336	-	3094-T-REV-A	10	Milliliter(ML)	22-Jan-21
0001612328	-	3094-T-REV-A	10	Milliliter(ML)	22-Jan-21
0001612330	-	3094-T-REV-A	10	Milliliter(ML)	22-Jan-21
0001320327	7647-01-0	HYDROCHLORIC ACID OPTIMA-34%	1	Liters(L)	22-Jan-21
0001612337	-	OP-29 Gel	10	Milliliter(ML)	22-Jan-21
0001657591	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jan-21
0001657596	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jan-21
0001657594	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jan-21
0001657593	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jan-21
0001657595	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jan-21
0001657592	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jan-21
0001612338	-	OP-29 Gel	10	Milliliter(ML)	22-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001612340	-	OP-29 Gel	10	Milliliter(ML)	22-Jan-21
0001612345	-	OP-29 Gel	10	Milliliter(ML)	22-Jan-21
0001612343	-	OP-29 Gel	10	Milliliter(ML)	22-Jan-21
0001612341	-	OP-29 Gel	10	Milliliter(ML)	22-Jan-21
0001612339	-	OP-29 Gel	10	Milliliter(ML)	22-Jan-21
0001612344	-	OP-29 Gel	10	Milliliter(ML)	22-Jan-21
0001612342	-	OP-29 Gel	10	Milliliter(ML)	22-Jan-21
0001612346	-	OP-29 Gel	10	Milliliter(ML)	22-Jan-21
0001657597	7440-59-7	HELIUM GAS	100	Liters(L)	22-Jan-21
0001612347	-	4-20418-GEL	10	Milliliter(ML)	22-Jan-21
0001612354	-	4-20418-GEL	10	Milliliter(ML)	22-Jan-21
0001612350	-	4-20418-GEL	10	Milliliter(ML)	22-Jan-21
0001612351	-	4-20418-GEL	10	Milliliter(ML)	22-Jan-21
0001612349	-	4-20418-GEL	10	Milliliter(ML)	22-Jan-21
0001612348	-	4-20418-GEL	10	Milliliter(ML)	22-Jan-21
0001612353	-	4-20418-GEL	10	Milliliter(ML)	22-Jan-21
0001612355	-	4-20418-GEL	10	Milliliter(ML)	22-Jan-21
0001612356	-	4-20418-GEL	10	Milliliter(ML)	22-Jan-21
0001612352	-	4-20418-GEL	10	Milliliter(ML)	22-Jan-21
0001612357	-	OP-4-20632-GEL	10	Milliliter(ML)	22-Jan-21
0001612363	-	OP-4-20632-GEL	10	Milliliter(ML)	22-Jan-21
0001612366	-	OP-4-20632-GEL	10	Milliliter(ML)	22-Jan-21
0001612364	-	OP-4-20632-GEL	10	Milliliter(ML)	22-Jan-21
0001612362	-	OP-4-20632-GEL	10	Milliliter(ML)	22-Jan-21
0001612361	-	OP-4-20632-GEL	10	Milliliter(ML)	22-Jan-21
0001612360	-	OP-4-20632-GEL	10	Milliliter(ML)	22-Jan-21
0001612359	-	OP-4-20632-GEL	10	Milliliter(ML)	22-Jan-21
0001612358	-	OP-4-20632-GEL	10	Milliliter(ML)	22-Jan-21
0001612365	-	OP-4-20632-GEL	10	Milliliter(ML)	22-Jan-21
0001612399	3473-63-0	FORMAMIDINE ACETATE (FORMAMIDINE ACETIC ACID SALT)	500	Gram(GM)	22-Jan-21
0001609009	-	Support SUP706 B	1	Kilograms(KG)	22-Jan-21
0001609010	-	Support SUP706 B	1	Kilograms(KG)	22-Jan-21
0001609011	-	OBJET VEROBLUE RGD840	1	Kilograms(KG)	22-Jan-21
0001609012	-	OBJET VEROBLUE RGD840	1	Kilograms(KG)	22-Jan-21
0001609013	-	Model Cleaning Fluid / Support Cleaning Fluid / Cleanser	1	Ounces(OZ)	22-Jan-21
0001609014	-	Model Cleaning Fluid / Support Cleaning Fluid / Cleanser	1	Ounces(OZ)	22-Jan-21
0001627180	-	Mobil Delvac 1 ESP 5W-40	1	Gallon(GAL)	22-Jan-21
0001627186	-	Mobil Delvac 1 ESP 5W-40	1	Gallon(GAL)	22-Jan-21
0001627194	-	Mobil Delvac 1 ESP 5W-40	1	Gallon(GAL)	22-Jan-21
0001627193	-	Mobil Delvac 1 ESP 5W-40	1	Gallon(GAL)	22-Jan-21
0001627192	-	Mobil Delvac 1 ESP 5W-40	1	Gallon(GAL)	22-Jan-21
0001627191	-	Mobil Delvac 1 ESP 5W-40	1	Gallon(GAL)	22-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001627190	-	Mobil Delvac 1 ESP 5W-40	1	Gallon(GAL)	22-Jan-21
0001627189	-	Mobil Delvac 1 ESP 5W-40	1	Gallon(GAL)	22-Jan-21
0001627187	-	Mobil Delvac 1 ESP 5W-40	1	Gallon(GAL)	22-Jan-21
0001627195	-	Mobil Delvac 1 ESP 5W-40	1	Gallon(GAL)	22-Jan-21
0001627185	-	Mobil Delvac 1 ESP 5W-40	1	Gallon(GAL)	22-Jan-21
0001627184	-	Mobil Delvac 1 ESP 5W-40	1	Gallon(GAL)	22-Jan-21
0001627183	-	Mobil Delvac 1 ESP 5W-40	1	Gallon(GAL)	22-Jan-21
0001627182	-	Mobil Delvac 1 ESP 5W-40	1	Gallon(GAL)	22-Jan-21
0001627181	-	Mobil Delvac 1 ESP 5W-40	1	Gallon(GAL)	22-Jan-21
0001627188	-	Mobil Delvac 1 ESP 5W-40	1	Gallon(GAL)	22-Jan-21
0001627196	-	MOBIL 1 5W-50	1	Quarts(QT)	22-Jan-21
0001627197	-	MOBIL 1 5W-50	1	Quarts(QT)	22-Jan-21
V000007ADA	-	MOBIL 1 0W-40	1	Quarts(QT)	22-Jan-21
V000007AE0	-	Windex Foaming Glass Cleaner	19.7	Ounces(OZ)	22-Jan-21
V000007AE6	-	Windex Foaming Glass Cleaner	19.7	Ounces(OZ)	22-Jan-21
V000007AE5	-	Windex Foaming Glass Cleaner	19.7	Ounces(OZ)	22-Jan-21
V000007AE4	-	Windex Foaming Glass Cleaner	19.7	Ounces(OZ)	22-Jan-21
V000007AE3	-	Windex Foaming Glass Cleaner	19.7	Ounces(OZ)	22-Jan-21
V000007AE1	-	Windex Foaming Glass Cleaner	19.7	Ounces(OZ)	22-Jan-21
V000007ADF	-	Windex Foaming Glass Cleaner	19.7	Ounces(OZ)	22-Jan-21
V000007ADE	-	Windex Foaming Glass Cleaner	19.7	Ounces(OZ)	22-Jan-21
V000007ADD	-	Windex Foaming Glass Cleaner	19.7	Ounces(OZ)	22-Jan-21
V000007ADC	-	Windex Foaming Glass Cleaner	19.7	Ounces(OZ)	22-Jan-21
V000007ADB	-	Windex Foaming Glass Cleaner	19.7	Ounces(OZ)	22-Jan-21
V000007AE2	-	Windex Foaming Glass Cleaner	19.7	Ounces(OZ)	22-Jan-21
0001657598	-	R-410A	34	Pounds(LB)	22-Jan-21
0001657599	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	22-Jan-21
0001657600	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	22-Jan-21
0001657601	811-97-2	SUVA 134A REFRIGERANT	30	Pounds(LB)	22-Jan-21
0001657602	811-97-2	SUVA 134A REFRIGERANT	30	Pounds(LB)	22-Jan-21
0001657604	811-97-2	SUVA 134A REFRIGERANT	30	Pounds(LB)	22-Jan-21
0001657603	811-97-2	SUVA 134A REFRIGERANT	30	Pounds(LB)	22-Jan-21
0001612367	-	BRADFORD REAGENT	100	Milliliter(ML)	22-Jan-21
0001612400	-	ACID NEUTRALIZER (shaker; pail)	2.6	Quarts(QT)	22-Jan-21
0001612406	-	ACID NEUTRALIZER (shaker; pail)	2.6	Quarts(QT)	22-Jan-21
0001612403	-	ACID NEUTRALIZER (shaker; pail)	2.6	Quarts(QT)	22-Jan-21
0001612402	-	ACID NEUTRALIZER (shaker; pail)	2.6	Quarts(QT)	22-Jan-21
0001612401	-	ACID NEUTRALIZER (shaker; pail)	2.6	Quarts(QT)	22-Jan-21
0001612405	-	ACID NEUTRALIZER (shaker; pail)	2.6	Quarts(QT)	22-Jan-21
0001612404	-	ACID NEUTRALIZER (shaker; pail)	2.6	Quarts(QT)	22-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001612407	7440-22-4	SILVER	125	Milliliter(ML)	22-Jan-21
0001612411	924-44-7	Ethyl glyoxylate	100	Gram(GM)	22-Jan-21
0001612412	-	1000 ug/mL Mercury	125	Milliliter(ML)	22-Jan-21
0001612413	-	10 ug/ml RHODIUM	125	Milliliter(ML)	22-Jan-21
0001612414	-	10 ug/mL Bismuth	125	Milliliter(ML)	22-Jan-21
0001612415	1310-58-3	POTASSIUM HYDROXIDE	2	Liters(L)	22-Jan-21
0001612417	1310-58-3	POTASSIUM HYDROXIDE	2	Liters(L)	22-Jan-21
0001612416	1310-58-3	POTASSIUM HYDROXIDE	2	Liters(L)	22-Jan-21
0001612419	1310-58-3	POTASSIUM HYDROXIDE	2	Liters(L)	22-Jan-21
0001612418	1310-58-3	POTASSIUM HYDROXIDE	2	Liters(L)	22-Jan-21
0001612420	7782-63-0	IRON(II) SULFATE HEPTAHYDRATE	500	Gram(GM)	22-Jan-21
0001612423	7782-63-0	IRON(II) SULFATE HEPTAHYDRATE	500	Gram(GM)	22-Jan-21
0001612422	7782-63-0	IRON(II) SULFATE HEPTAHYDRATE	500	Gram(GM)	22-Jan-21
0001612421	7782-63-0	IRON(II) SULFATE HEPTAHYDRATE	500	Gram(GM)	22-Jan-21
0001612424	67-63-0	2-PROPONAL	4	Liters(L)	22-Jan-21
0001612431	67-63-0	2-PROPONAL	4	Liters(L)	22-Jan-21
0001612425	67-63-0	2-PROPONAL	4	Liters(L)	22-Jan-21
0001612426	67-63-0	2-PROPONAL	4	Liters(L)	22-Jan-21
0001612427	67-63-0	2-PROPONAL	4	Liters(L)	22-Jan-21
0001612428	67-63-0	2-PROPONAL	4	Liters(L)	22-Jan-21
0001612429	67-63-0	2-PROPONAL	4	Liters(L)	22-Jan-21
0001612430	67-63-0	2-PROPONAL	4	Liters(L)	22-Jan-21
0001612432	-	Ethanol SDA 3A 200_190 Proof	1	Gallon(GAL)	22-Jan-21
0001612434	-	Ethanol SDA 3A 200_190 Proof	1	Gallon(GAL)	22-Jan-21
0001612435	-	Ethanol SDA 3A 200_190 Proof	1	Gallon(GAL)	22-Jan-21
0001612433	-	Ethanol SDA 3A 200_190 Proof	1	Gallon(GAL)	22-Jan-21
0001612436	64742-49-0	Petroleum ether 40/60	5	Liters(L)	22-Jan-21
0001612437	-	Hydrochloric Acid	500	Milliliter(ML)	22-Jan-21
0001612441	-	Hydrochloric Acid	500	Milliliter(ML)	22-Jan-21
0001612438	-	Hydrochloric Acid	500	Milliliter(ML)	22-Jan-21
0001612439	-	Hydrochloric Acid	500	Milliliter(ML)	22-Jan-21
0001612440	-	Hydrochloric Acid	500	Milliliter(ML)	22-Jan-21
0001612442	-	Hydrochloric Acid	500	Milliliter(ML)	22-Jan-21
0001612443	10294-34-5	BORON TRICHLORIDE 1.0M	100	Milliliter(ML)	22-Jan-21
0001612444	108-24-7	ACETIC ANHYDRIDE	100	Milliliter(ML)	22-Jan-21
0001612445	67-56-1	METHANOL	4	Liters(L)	22-Jan-21
0001612446	108-24-7	ACETIC ANHYDRIDE	100	Milliliter(ML)	22-Jan-21
0001612447	60-29-7	ETHYL ETHER ANHYDROUS	4	Liters(L)	22-Jan-21
0001612448	35661-39-3	N-ALPHA-FMOC-L-ALANINE	25	Gram(GM)	22-Jan-21
0001612449	7447-39-4	COPPER (II) CHLORIDE ANHYDROUS	50	Gram(GM)	22-Jan-21
0001612450	-	Edwards Gearbox Lubricant - Drynert 25/6	5	Kilograms(KG)	22-Jan-21
0001612452	-	Edwards Gearbox Lubricant - Drynert 25/6	5	Kilograms(KG)	22-Jan-21
0001612451	-	Edwards Gearbox Lubricant - Drynert 25/6	5	Kilograms(KG)	22-Jan-21
0001612410	-	1 ug/mL Thulium	125	Milliliter(ML)	22-Jan-21
0001611907	-	Enviro-Safe Green Liquid	1.5	Milliliter(ML)	22-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001612408	-	Platinum Nominally 50% Ruthenium Nominally 25% On High Surface Area Advanced Carbon Support	5	Gram(GM)	25-Jan-21
0001612409	-	Platinum Nominally 50% Ruthenium Nominally 25% On High Surface Area Advanced Carbon Support	5	Gram(GM)	25-Jan-21
0001612453	-	Dysprosium(III) bromide ultra dry	5	Gram(GM)	25-Jan-21
0001612454	14456-53-2	Lutetium(III) bromide ultra dry	5	Gram(GM)	25-Jan-21
0001612455	-	Terbium(III) bromide hydrate	10	Gram(GM)	25-Jan-21
0001627203	-	Castrol Transynd Allison Transmission Fluid	5	Gallon(GAL)	25-Jan-21
0001627202	-	Castrol Transynd Allison Transmission Fluid	5	Gallon(GAL)	25-Jan-21
0001627198	-	Valvoline AW 32 HYDRAULIC OIL	5	Gallon(GAL)	25-Jan-21
0001627199	-	Valvoline AW 32 HYDRAULIC OIL	5	Gallon(GAL)	25-Jan-21
0001627200	-	Valvoline AW 32 HYDRAULIC OIL	5	Gallon(GAL)	25-Jan-21
0001612456	-	TWO PART EPOXY - LOCTITE ABLESTIK 286 PTA AND PTB (OB-101)	0.5	Ounces(OZ)	25-Jan-21
0001612465	-	TWO PART EPOXY - LOCTITE ABLESTIK 286 PTA AND PTB (OB-101)	0.5	Ounces(OZ)	25-Jan-21
0001612464	-	TWO PART EPOXY - LOCTITE ABLESTIK 286 PTA AND PTB (OB-101)	0.5	Ounces(OZ)	25-Jan-21
0001612463	-	TWO PART EPOXY - LOCTITE ABLESTIK 286 PTA AND PTB (OB-101)	0.5	Ounces(OZ)	25-Jan-21
0001612461	-	TWO PART EPOXY - LOCTITE ABLESTIK 286 PTA AND PTB (OB-101)	0.5	Ounces(OZ)	25-Jan-21
0001612460	-	TWO PART EPOXY - LOCTITE ABLESTIK 286 PTA AND PTB (OB-101)	0.5	Ounces(OZ)	25-Jan-21
0001612459	-	TWO PART EPOXY - LOCTITE ABLESTIK 286 PTA AND PTB (OB-101)	0.5	Ounces(OZ)	25-Jan-21
0001612458	-	TWO PART EPOXY - LOCTITE ABLESTIK 286 PTA AND PTB (OB-101)	0.5	Ounces(OZ)	25-Jan-21
0001612457	-	TWO PART EPOXY - LOCTITE ABLESTIK 286 PTA AND PTB (OB-101)	0.5	Ounces(OZ)	25-Jan-21
0001612462	-	TWO PART EPOXY - LOCTITE ABLESTIK 286 PTA AND PTB (OB-101)	0.5	Ounces(OZ)	25-Jan-21
0001612466	-	TWO PART EPOXY - NOELLE 805-70 HARDENER AND RESIN (OB-100)	0.25	Ounces(OZ)	25-Jan-21
0001612469	-	TWO PART EPOXY - NOELLE 805-70 HARDENER AND RESIN (OB-100)	0.25	Ounces(OZ)	25-Jan-21
0001612475	-	TWO PART EPOXY - NOELLE 805-70 HARDENER AND RESIN (OB-100)	0.25	Ounces(OZ)	25-Jan-21
0001612467	-	TWO PART EPOXY - NOELLE 805-70 HARDENER AND RESIN (OB-100)	0.25	Ounces(OZ)	25-Jan-21
0001612468	-	TWO PART EPOXY - NOELLE 805-70 HARDENER AND RESIN (OB-100)	0.25	Ounces(OZ)	25-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001612470	-	TWO PART EPOXY - NOELLE 805-70 HARDENER AND RESIN (OB-100)	0.25	Ounces(OZ)	25-Jan-21
0001612472	-	TWO PART EPOXY - NOELLE 805-70 HARDENER AND RESIN (OB-100)	0.25	Ounces(OZ)	25-Jan-21
0001612471	-	TWO PART EPOXY - NOELLE 805-70 HARDENER AND RESIN (OB-100)	0.25	Ounces(OZ)	25-Jan-21
0001612474	-	TWO PART EPOXY - NOELLE 805-70 HARDENER AND RESIN (OB-100)	0.25	Ounces(OZ)	25-Jan-21
0001612473	-	TWO PART EPOXY - NOELLE 805-70 HARDENER AND RESIN (OB-100)	0.25	Ounces(OZ)	25-Jan-21
0001612476	123-91-1	1 4-DIOXANE	1	Liters(L)	25-Jan-21
0001612477	7440-22-4	Silver (pieces)	50	Gram(GM)	25-Jan-21
0001612478	64-17-5	ETHANOL 200 PROOF	4	Liters(L)	25-Jan-21
0001612486	64-17-5	ETHANOL 200 PROOF	4	Liters(L)	25-Jan-21
0001612489	64-17-5	ETHANOL 200 PROOF	4	Liters(L)	25-Jan-21
0001612488	64-17-5	ETHANOL 200 PROOF	4	Liters(L)	25-Jan-21
0001612493	64-17-5	ETHANOL 200 PROOF	4	Liters(L)	25-Jan-21
0001612487	64-17-5	ETHANOL 200 PROOF	4	Liters(L)	25-Jan-21
0001612492	64-17-5	ETHANOL 200 PROOF	4	Liters(L)	25-Jan-21
0001612485	64-17-5	ETHANOL 200 PROOF	4	Liters(L)	25-Jan-21
0001612490	64-17-5	ETHANOL 200 PROOF	4	Liters(L)	25-Jan-21
0001612491	64-17-5	ETHANOL 200 PROOF	4	Liters(L)	25-Jan-21
0001612479	64-17-5	ETHANOL 200 PROOF	4	Liters(L)	25-Jan-21
0001612481	64-17-5	ETHANOL 200 PROOF	4	Liters(L)	25-Jan-21
0001612482	64-17-5	ETHANOL 200 PROOF	4	Liters(L)	25-Jan-21
0001612483	64-17-5	ETHANOL 200 PROOF	4	Liters(L)	25-Jan-21
0001612484	64-17-5	ETHANOL 200 PROOF	4	Liters(L)	25-Jan-21
0001612480	64-17-5	ETHANOL 200 PROOF	4	Liters(L)	25-Jan-21
0001612494	110-54-3	HEXANE CERTIFIED ACS	4	Liters(L)	25-Jan-21
0001612496	110-54-3	HEXANE CERTIFIED ACS	4	Liters(L)	25-Jan-21
0001612495	110-54-3	HEXANE CERTIFIED ACS	4	Liters(L)	25-Jan-21
0001612497	110-54-3	HEXANE CERTIFIED ACS	4	Liters(L)	25-Jan-21
0001612498	4637-24-5	N N-DIMETHYLFORMAMIDE DIMETHYL ACETAL 94%	100	Gram(GM)	25-Jan-21
0001612499	-	LOCTITE CAT 9 AMB	1	Pounds(LB)	25-Jan-21
0001612500	67-64-1	ACETONE	4	Liters(L)	25-Jan-21
0001612517	67-64-1	ACETONE	4	Liters(L)	25-Jan-21
0001612513	67-64-1	ACETONE	4	Liters(L)	25-Jan-21
0001612523	67-64-1	ACETONE	4	Liters(L)	25-Jan-21
0001612521	67-64-1	ACETONE	4	Liters(L)	25-Jan-21
0001612522	67-64-1	ACETONE	4	Liters(L)	25-Jan-21
0001612520	67-64-1	ACETONE	4	Liters(L)	25-Jan-21
0001612503	67-64-1	ACETONE	4	Liters(L)	25-Jan-21
0001612519	67-64-1	ACETONE	4	Liters(L)	25-Jan-21
0001612518	67-64-1	ACETONE	4	Liters(L)	25-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001612516	67-64-1	ACETONE	4	Liters(L)	25-Jan-21
0001612515	67-64-1	ACETONE	4	Liters(L)	25-Jan-21
0001612514	67-64-1	ACETONE	4	Liters(L)	25-Jan-21
0001612512	67-64-1	ACETONE	4	Liters(L)	25-Jan-21
0001612510	67-64-1	ACETONE	4	Liters(L)	25-Jan-21
0001612509	67-64-1	ACETONE	4	Liters(L)	25-Jan-21
0001612508	67-64-1	ACETONE	4	Liters(L)	25-Jan-21
0001612507	67-64-1	ACETONE	4	Liters(L)	25-Jan-21
0001612506	67-64-1	ACETONE	4	Liters(L)	25-Jan-21
0001612504	67-64-1	ACETONE	4	Liters(L)	25-Jan-21
0001612502	67-64-1	ACETONE	4	Liters(L)	25-Jan-21
0001612501	67-64-1	ACETONE	4	Liters(L)	25-Jan-21
0001612505	67-64-1	ACETONE	4	Liters(L)	25-Jan-21
0001612511	67-64-1	ACETONE	4	Liters(L)	25-Jan-21
0001612524	56-81-5	TURBO DNase	10	Gram(GM)	25-Jan-21
0001612525	-	BORON TRIFLUORIDE DIETHYL ETHERATE	100	Milliliter(ML)	25-Jan-21
0001146756	-	EPOXY SPRAY PAINT	11	Ounces(OZ)	25-Jan-21
0001146759	-	EPOXY SPRAY PAINT	11	Ounces(OZ)	25-Jan-21
0001146758	-	EPOXY SPRAY PAINT	11	Ounces(OZ)	25-Jan-21
0001146757	-	EPOXY SPRAY PAINT	11	Ounces(OZ)	25-Jan-21
0001612533	-	SILICONE POLYMER PLY-7601	1	Pint(PT)	25-Jan-21
0001612534	-	SILICONE POLYMER PLY-7601	1	Pint(PT)	25-Jan-21
0001612535	-	SILICONE POLYMER PLY-7601	1	Pint(PT)	25-Jan-21
0001612536	70131-67-8	SILICONE POLYMER PLY-7608	1	Pint(PT)	25-Jan-21
0001612537	70131-67-8	SILICONE POLYMER PLY-7608	1	Pint(PT)	25-Jan-21
V000007AFB	-	MOBIL 1 0W-40	1	Quarts(QT)	25-Jan-21
V000007AFE	-	MOBIL 1 0W-40	1	Quarts(QT)	25-Jan-21
V000007AFF	-	MOBIL 1 0W-40	1	Quarts(QT)	25-Jan-21
V000007AFA	-	MOBIL 1 0W-40	1	Quarts(QT)	25-Jan-21
V000007AFC	-	MOBIL 1 0W-40	1	Quarts(QT)	25-Jan-21
V000007AFD	-	MOBIL 1 0W-40	1	Quarts(QT)	25-Jan-21
0001627232	-	MOBIL 1 HIGH MILEAGE 0W-20	1	Quarts(QT)	25-Jan-21
0001627239	-	MOBIL 1 HIGH MILEAGE 0W-20	1	Quarts(QT)	25-Jan-21
0001627234	-	MOBIL 1 HIGH MILEAGE 0W-20	1	Quarts(QT)	25-Jan-21
0001627238	-	MOBIL 1 HIGH MILEAGE 0W-20	1	Quarts(QT)	25-Jan-21
0001627237	-	MOBIL 1 HIGH MILEAGE 0W-20	1	Quarts(QT)	25-Jan-21
0001627235	-	MOBIL 1 HIGH MILEAGE 0W-20	1	Quarts(QT)	25-Jan-21
0001627233	-	MOBIL 1 HIGH MILEAGE 0W-20	1	Quarts(QT)	25-Jan-21
0001627236	-	MOBIL 1 HIGH MILEAGE 0W-20	1	Quarts(QT)	25-Jan-21
0001627240	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	25-Jan-21
0001627247	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	25-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001627253	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	25-Jan-21
0001627252	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	25-Jan-21
0001627251	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	25-Jan-21
0001627250	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	25-Jan-21
0001627249	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	25-Jan-21
0001627248	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	25-Jan-21
0001627245	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	25-Jan-21
0001627244	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	25-Jan-21
0001627243	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	25-Jan-21
0001627242	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	25-Jan-21
0001627241	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	25-Jan-21
0001627246	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	25-Jan-21
0001459674	-	HALTHANE 73-18 2 PART KIT	40	Ounces(OZ)	25-Jan-21
0001459696	-	HALTHANE 73-18 2 PART KIT	40	Ounces(OZ)	25-Jan-21
0001459702	-	HALTHANE 73-18 2 PART KIT	40	Ounces(OZ)	25-Jan-21
0001459701	-	HALTHANE 73-18 2 PART KIT	40	Ounces(OZ)	25-Jan-21
0001459700	-	HALTHANE 73-18 2 PART KIT	40	Ounces(OZ)	25-Jan-21
0001459699	-	HALTHANE 73-18 2 PART KIT	40	Ounces(OZ)	25-Jan-21
0001459703	-	HALTHANE 73-18 2 PART KIT	40	Ounces(OZ)	25-Jan-21
0001459697	-	HALTHANE 73-18 2 PART KIT	40	Ounces(OZ)	25-Jan-21
0001459708	-	HALTHANE 73-18 2 PART KIT	40	Ounces(OZ)	25-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001459698	-	HALTHANE 73-18 2 PART KIT	40	Ounces(OZ)	25-Jan-21
0001459704	-	HALTHANE 73-18 2 PART KIT	40	Ounces(OZ)	25-Jan-21
0001459705	-	HALTHANE 73-18 2 PART KIT	40	Ounces(OZ)	25-Jan-21
0001459707	-	HALTHANE 73-18 2 PART KIT	40	Ounces(OZ)	25-Jan-21
0001459695	-	HALTHANE 73-18 2 PART KIT	40	Ounces(OZ)	25-Jan-21
0001459709	-	HALTHANE 73-18 2 PART KIT	40	Ounces(OZ)	25-Jan-21
0001459710	-	HALTHANE 73-18 2 PART KIT	40	Ounces(OZ)	25-Jan-21
0001459711	-	HALTHANE 73-18 2 PART KIT	40	Ounces(OZ)	25-Jan-21
0001459712	-	HALTHANE 73-18 2 PART KIT	40	Ounces(OZ)	25-Jan-21
0001459706	-	HALTHANE 73-18 2 PART KIT	40	Ounces(OZ)	25-Jan-21
0001459685	-	HALTHANE 73-18 2 PART KIT	40	Ounces(OZ)	25-Jan-21
0001459680	-	HALTHANE 73-18 2 PART KIT	40	Ounces(OZ)	25-Jan-21
0001459675	-	HALTHANE 73-18 2 PART KIT	40	Ounces(OZ)	25-Jan-21
0001459713	-	HALTHANE 73-18 2 PART KIT	40	Ounces(OZ)	25-Jan-21
0001459677	-	HALTHANE 73-18 2 PART KIT	40	Ounces(OZ)	25-Jan-21
0001459679	-	HALTHANE 73-18 2 PART KIT	40	Ounces(OZ)	25-Jan-21
0001459681	-	HALTHANE 73-18 2 PART KIT	40	Ounces(OZ)	25-Jan-21
0001459682	-	HALTHANE 73-18 2 PART KIT	40	Ounces(OZ)	25-Jan-21
0001459676	-	HALTHANE 73-18 2 PART KIT	40	Ounces(OZ)	25-Jan-21
0001459684	-	HALTHANE 73-18 2 PART KIT	40	Ounces(OZ)	25-Jan-21
0001459694	-	HALTHANE 73-18 2 PART KIT	40	Ounces(OZ)	25-Jan-21
0001459686	-	HALTHANE 73-18 2 PART KIT	40	Ounces(OZ)	25-Jan-21
0001459687	-	HALTHANE 73-18 2 PART KIT	40	Ounces(OZ)	25-Jan-21
0001459688	-	HALTHANE 73-18 2 PART KIT	40	Ounces(OZ)	25-Jan-21
0001459689	-	HALTHANE 73-18 2 PART KIT	40	Ounces(OZ)	25-Jan-21
0001459690	-	HALTHANE 73-18 2 PART KIT	40	Ounces(OZ)	25-Jan-21
0001459691	-	HALTHANE 73-18 2 PART KIT	40	Ounces(OZ)	25-Jan-21
0001459692	-	HALTHANE 73-18 2 PART KIT	40	Ounces(OZ)	25-Jan-21
0001459693	-	HALTHANE 73-18 2 PART KIT	40	Ounces(OZ)	25-Jan-21
0001459683	-	HALTHANE 73-18 2 PART KIT	40	Ounces(OZ)	25-Jan-21
0001459678	-	HALTHANE 73-18 2 PART KIT	40	Ounces(OZ)	25-Jan-21
0001459714	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	25-Jan-21
0001459743	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	25-Jan-21
0001459731	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	25-Jan-21
0001459732	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	25-Jan-21
0001459733	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	25-Jan-21
0001459734	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	25-Jan-21
0001459735	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	25-Jan-21
0001459736	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	25-Jan-21
0001459737	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	25-Jan-21
0001459738	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	25-Jan-21
0001459739	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	25-Jan-21
0001459740	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	25-Jan-21
0001459730	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	25-Jan-21
0001459742	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	25-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001459751	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	25-Jan-21
0001459744	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	25-Jan-21
0001459745	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	25-Jan-21
0001459746	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	25-Jan-21
0001459747	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	25-Jan-21
0001459748	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	25-Jan-21
0001459749	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	25-Jan-21
0001459750	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	25-Jan-21
0001459752	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	25-Jan-21
0001459721	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	25-Jan-21
0001459741	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	25-Jan-21
0001459720	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	25-Jan-21
0001459728	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	25-Jan-21
0001459727	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	25-Jan-21
0001459726	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	25-Jan-21
0001459725	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	25-Jan-21
0001459719	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	25-Jan-21
0001459724	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	25-Jan-21
0001459717	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	25-Jan-21
0001459716	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	25-Jan-21
0001459715	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	25-Jan-21
0001459722	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	25-Jan-21
0001459723	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	25-Jan-21
0001459729	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	25-Jan-21
0001459718	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	25-Jan-21
0001459753	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	25-Jan-21
0001580215	-	LEYBONOL LVO 100	5	Liters(L)	25-Jan-21
0001580217	-	LEYBONOL LVO 100	5	Liters(L)	25-Jan-21
0001580216	-	LEYBONOL LVO 100	5	Liters(L)	25-Jan-21
0001580218	-	Leybonol LVO 130	20	Liters(L)	25-Jan-21
0001580219	-	Leybonol LVO 130	5	Liters(L)	25-Jan-21
0001612538	-	Hydrochloric Acid	2	Liters(L)	25-Jan-21
0001612541	-	Hydrochloric Acid	2	Liters(L)	25-Jan-21
0001612542	-	Hydrochloric Acid	2	Liters(L)	25-Jan-21
0001612543	-	Hydrochloric Acid	2	Liters(L)	25-Jan-21
0001612539	-	Hydrochloric Acid	2	Liters(L)	25-Jan-21
0001612540	-	Hydrochloric Acid	2	Liters(L)	25-Jan-21
0001612554	822-06-0	HEXAMETHYLENE DIISOCYANATE	500	Milliliter(ML)	25-Jan-21
0001612555	56-45-1	L-SERINE	100	Gram(GM)	25-Jan-21
0001612556	73602-61-6	TRIETHYLAMINE TRIHYDROFLUORIDE	100	Gram(GM)	25-Jan-21
0001612557	63517-29-3	XtalFluor-E	25	Gram(GM)	25-Jan-21
0001612558	108-30-5	SUCCINIC ANHYDRIDE	250	Gram(GM)	25-Jan-21
0001612559	126-11-4	TRIS(HYDROXYMETHYL) NITROMETHANE	1	Kilograms(KG)	25-Jan-21
0001612560	617-86-7	TRIETHYLSILANE	25	Gram(GM)	26-Jan-21
0001612561	110-86-1	PYRIDINE	1	Liters(L)	26-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001612562	110-54-3	HEXANE	1	Liters(L)	26-Jan-21
0001612563	110-54-3	HEXANE	1	Liters(L)	26-Jan-21
0001612564	110-54-3	HEXANE	1	Liters(L)	26-Jan-21
0001612565	280-57-9	1 4-DIAZABICYCLO[2.2.2]OCTANE	100	Gram(GM)	26-Jan-21
0001612566	-	INDIUM (IN) STANDARD SOLUTION	100	Gram(GM)	26-Jan-21
0001612567	112-30-1	1-DECANOL	500	Gram(GM)	26-Jan-21
0001612568	112-30-1	1-DECANOL	500	Gram(GM)	26-Jan-21
0001612569	112-30-1	1-DECANOL	500	Gram(GM)	26-Jan-21
0001612570	7447-40-7	POTASSIUM CHLORIDE	2.5	Kilograms(KG)	26-Jan-21
0001657719	-	Isobutane 100ppm/Bal. Air	3.64	Cubic Feet(CF)	26-Jan-21
0001657720	-	Isobutane 100ppm/Bal. Air	3.64	Cubic Feet(CF)	26-Jan-21
0001657721	-	CARBON MONOXIDE IN NITROGEN	2.05	Cubic Feet(CF)	26-Jan-21
0001657722	-	CARBON MONOXIDE IN NITROGEN	2.05	Cubic Feet(CF)	26-Jan-21
0001657605	-	Oxygen Nitrogen	34	Liters(L)	26-Jan-21
0001657606	-	Oxygen Nitrogen	34	Liters(L)	26-Jan-21
0001657607	-	Oxygen Nitrogen	34	Liters(L)	26-Jan-21
0001657609	-	Oxygen Nitrogen	34	Liters(L)	26-Jan-21
0001657608	-	Oxygen Nitrogen	34	Liters(L)	26-Jan-21
0001657610	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	26-Jan-21
0001657698	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	26-Jan-21
0001657699	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	26-Jan-21
0001657701	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	26-Jan-21
0001657697	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	26-Jan-21
0001657696	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	26-Jan-21
0001657695	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	26-Jan-21
0001657692	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	26-Jan-21
0001657693	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	26-Jan-21
0001657694	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	26-Jan-21
0001657700	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	26-Jan-21
0001657614	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	26-Jan-21
0001657616	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	26-Jan-21
0001657615	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	26-Jan-21
0001657620	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	26-Jan-21
0001657617	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	26-Jan-21
0001657621	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	26-Jan-21
0001657613	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	26-Jan-21
0001657612	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	26-Jan-21
0001657619	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	26-Jan-21
0001657611	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	26-Jan-21
0001657618	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	26-Jan-21
0001657624	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	26-Jan-21
0001657623	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	26-Jan-21
0001657622	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	26-Jan-21
0001657625	-	AIR COMPRESSED	220	Cubic Feet(CF)	26-Jan-21
0001657636	-	AIR COMPRESSED	220	Cubic Feet(CF)	26-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001657626	-	AIR COMPRESSED	220	Cubic Feet(CF)	26-Jan-21
0001657627	-	AIR COMPRESSED	220	Cubic Feet(CF)	26-Jan-21
0001657628	-	AIR COMPRESSED	220	Cubic Feet(CF)	26-Jan-21
0001657629	-	AIR COMPRESSED	220	Cubic Feet(CF)	26-Jan-21
0001657630	-	AIR COMPRESSED	220	Cubic Feet(CF)	26-Jan-21
0001657631	-	AIR COMPRESSED	220	Cubic Feet(CF)	26-Jan-21
0001657632	-	AIR COMPRESSED	220	Cubic Feet(CF)	26-Jan-21
0001657633	-	AIR COMPRESSED	220	Cubic Feet(CF)	26-Jan-21
0001657634	-	AIR COMPRESSED	220	Cubic Feet(CF)	26-Jan-21
0001657637	-	AIR COMPRESSED	220	Cubic Feet(CF)	26-Jan-21
0001657635	-	AIR COMPRESSED	220	Cubic Feet(CF)	26-Jan-21
0001657638	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	26-Jan-21
0001657639	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	26-Jan-21
0001657703	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	26-Jan-21
0001657702	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	26-Jan-21
0001657640	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	26-Jan-21
0001657646	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	26-Jan-21
0001657645	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	26-Jan-21
0001657652	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	26-Jan-21
0001657647	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	26-Jan-21
0001657648	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	26-Jan-21
0001657649	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	26-Jan-21
0001657650	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	26-Jan-21
0001657651	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	26-Jan-21
0001657644	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	26-Jan-21
0001657653	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	26-Jan-21
0001657642	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	26-Jan-21
0001657643	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	26-Jan-21
0001657655	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	26-Jan-21
0001657654	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	26-Jan-21
0001657641	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	26-Jan-21
0001657666	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	26-Jan-21
0001657667	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	26-Jan-21
0001657664	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	26-Jan-21
0001657663	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	26-Jan-21
0001657661	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	26-Jan-21
0001657662	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	26-Jan-21
0001657665	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	26-Jan-21
0001657657	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	26-Jan-21
0001657658	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	26-Jan-21
0001657659	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	26-Jan-21
0001657660	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	26-Jan-21
0001657656	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	26-Jan-21
0001657668	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	26-Jan-21
0001657675	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	26-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001657670	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	26-Jan-21
0001657672	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	26-Jan-21
0001657673	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	26-Jan-21
0001657674	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	26-Jan-21
0001657676	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	26-Jan-21
0001657677	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	26-Jan-21
0001657678	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	26-Jan-21
0001657669	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	26-Jan-21
0001657671	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	26-Jan-21
0001657679	74-98-6	PROPANE	11	Gallon(GAL)	26-Jan-21
0001657684	74-98-6	PROPANE	11	Gallon(GAL)	26-Jan-21
0001657683	74-98-6	PROPANE	11	Gallon(GAL)	26-Jan-21
0001657680	74-98-6	PROPANE	11	Gallon(GAL)	26-Jan-21
0001657682	74-98-6	PROPANE	11	Gallon(GAL)	26-Jan-21
0001657681	74-98-6	PROPANE	11	Gallon(GAL)	26-Jan-21
0001657685	74-98-6	PROPANE	11	Gallon(GAL)	26-Jan-21
0001657687	74-98-6	PROPANE	11	Gallon(GAL)	26-Jan-21
0001657686	74-98-6	PROPANE	11	Gallon(GAL)	26-Jan-21
0001657688	74-98-6	PROPANE	11	Gallon(GAL)	26-Jan-21
0001657689	-	Argon 75% Carbon Dioxide 25%	22	Cubic Feet(CF)	26-Jan-21
0001457199	136040-19-2	Trityltetra(pentafluorophenyl)borate	25	Gram(GM)	26-Jan-21
0001657690	-	ARGON GAS	220	Cubic Feet(CF)	26-Jan-21
0001657717	-	ARGON GAS	220	Cubic Feet(CF)	26-Jan-21
0001657718	-	ARGON GAS	220	Cubic Feet(CF)	26-Jan-21
0001657714	-	ARGON GAS	220	Cubic Feet(CF)	26-Jan-21
0001657716	-	ARGON GAS	220	Cubic Feet(CF)	26-Jan-21
0001657709	-	ARGON GAS	220	Cubic Feet(CF)	26-Jan-21
0001657715	-	ARGON GAS	220	Cubic Feet(CF)	26-Jan-21
0001657708	-	ARGON GAS	220	Cubic Feet(CF)	26-Jan-21
0001657707	-	ARGON GAS	220	Cubic Feet(CF)	26-Jan-21
0001657706	-	ARGON GAS	220	Cubic Feet(CF)	26-Jan-21
0001657705	-	ARGON GAS	220	Cubic Feet(CF)	26-Jan-21
0001657704	-	ARGON GAS	220	Cubic Feet(CF)	26-Jan-21
0001657713	-	ARGON GAS	220	Cubic Feet(CF)	26-Jan-21
0001657712	-	ARGON GAS	220	Cubic Feet(CF)	26-Jan-21
0001657711	-	ARGON GAS	220	Cubic Feet(CF)	26-Jan-21
0001657710	-	ARGON GAS	220	Cubic Feet(CF)	26-Jan-21
0001657691	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	26-Jan-21
0001459754	-	EPOXY RESIN	6	Pint(PT)	27-Jan-21
0001459758	-	EPOXY RESIN	6	Pint(PT)	27-Jan-21
0001459759	-	EPOXY RESIN	6	Pint(PT)	27-Jan-21
0001459757	-	EPOXY RESIN	6	Pint(PT)	27-Jan-21
0001459756	-	EPOXY RESIN	6	Pint(PT)	27-Jan-21
0001459755	-	EPOXY RESIN	6	Pint(PT)	27-Jan-21
0001459760	-	SCOTCHCAST ELECTRICAL RESIN	1	Gallon(GAL)	27-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001459761	-	SCOTCHCAST ELECTRICAL RESIN	1	Gallon(GAL)	27-Jan-21
V000007B1C	-	Valvoline GM MULTIPURPOSE GREASE VV61510	14.1	Ounces(OZ)	27-Jan-21
V000007B1D	-	Valvoline GM MULTIPURPOSE GREASE VV61510	14.1	Ounces(OZ)	27-Jan-21
V000007B1E	-	Valvoline GM MULTIPURPOSE GREASE VV61510	14.1	Ounces(OZ)	27-Jan-21
V000007B1F	-	Valvoline GM MULTIPURPOSE GREASE VV61510	14.1	Ounces(OZ)	27-Jan-21
V000007B20	-	Valvoline GM MULTIPURPOSE GREASE VV61510	14.1	Ounces(OZ)	27-Jan-21
V000007B22	-	Valvoline GM MULTIPURPOSE GREASE VV61510	14.1	Ounces(OZ)	27-Jan-21
V000007B1B	-	Valvoline GM MULTIPURPOSE GREASE VV61510	14.1	Ounces(OZ)	27-Jan-21
V000007B23	-	Valvoline GM MULTIPURPOSE GREASE VV61510	14.1	Ounces(OZ)	27-Jan-21
V000007B24	-	Valvoline GM MULTIPURPOSE GREASE VV61510	14.1	Ounces(OZ)	27-Jan-21
V000007B25	-	Valvoline GM MULTIPURPOSE GREASE VV61510	14.1	Ounces(OZ)	27-Jan-21
V000007B26	-	Valvoline GM MULTIPURPOSE GREASE VV61510	14.1	Ounces(OZ)	27-Jan-21
V000007B10	-	Valvoline GM MULTIPURPOSE GREASE VV61510	14.1	Ounces(OZ)	27-Jan-21
V000007B21	-	Valvoline GM MULTIPURPOSE GREASE VV61510	14.1	Ounces(OZ)	27-Jan-21
V000007B1A	-	Valvoline GM MULTIPURPOSE GREASE VV61510	14.1	Ounces(OZ)	27-Jan-21
V000007B19	-	Valvoline GM MULTIPURPOSE GREASE VV61510	14.1	Ounces(OZ)	27-Jan-21
V000007B18	-	Valvoline GM MULTIPURPOSE GREASE VV61510	14.1	Ounces(OZ)	27-Jan-21
V000007B17	-	Valvoline GM MULTIPURPOSE GREASE VV61510	14.1	Ounces(OZ)	27-Jan-21
V000007B16	-	Valvoline GM MULTIPURPOSE GREASE VV61510	14.1	Ounces(OZ)	27-Jan-21
V000007B15	-	Valvoline GM MULTIPURPOSE GREASE VV61510	14.1	Ounces(OZ)	27-Jan-21
V000007B14	-	Valvoline GM MULTIPURPOSE GREASE VV61510	14.1	Ounces(OZ)	27-Jan-21
V000007B13	-	Valvoline GM MULTIPURPOSE GREASE VV61510	14.1	Ounces(OZ)	27-Jan-21
V000007B11	-	Valvoline GM MULTIPURPOSE GREASE VV61510	14.1	Ounces(OZ)	27-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000007B27	-	Valvoline GM MULTIPURPOSE GREASE VV61510	14.1	Ounces(OZ)	27-Jan-21
V000007B0F	-	Valvoline GM MULTIPURPOSE GREASE VV61510	14.1	Ounces(OZ)	27-Jan-21
V000007B0E	-	Valvoline GM MULTIPURPOSE GREASE VV61510	14.1	Ounces(OZ)	27-Jan-21
V000007B12	-	Valvoline GM MULTIPURPOSE GREASE VV61510	14.1	Ounces(OZ)	27-Jan-21
V000007B28	-	DOW CORNING 732 MULTI -PURPOSE SEALANT CLEAR	10.1	Ounces(OZ)	27-Jan-21
V000007B2A	-	PARTS PLUS HD SAE 30 PREMIUM MOTOR OIL PP3371	1	Quarts(QT)	27-Jan-21
V000007B2B	-	PARTS PLUS HD SAE 30 PREMIUM MOTOR OIL PP3371	1	Quarts(QT)	27-Jan-21
V000007B2C	-	PARTS PLUS HD SAE 30 PREMIUM MOTOR OIL PP3371	1	Quarts(QT)	27-Jan-21
V000007B29	-	PARTS PLUS HD SAE 30 PREMIUM MOTOR OIL PP3371	1	Quarts(QT)	27-Jan-21
V000007B5F	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B6A	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B69	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B68	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B67	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B66	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B65	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B64	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B63	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B62	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B60	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B6E	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B5E	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B5D	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B5C	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B5B	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B5A	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B59	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B58	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B61	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B76	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B57	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B51	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B7E	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B7D	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B7C	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B7B	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000007B7A	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B79	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B6C	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B77	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B6B	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B75	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B74	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B73	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B72	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B71	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B70	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B6F	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B6D	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B78	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B36	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B56	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B3F	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B3E	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B3D	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B3C	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B3B	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B3A	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B39	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B41	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B37	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B42	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B35	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B34	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B33	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B32	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B31	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B30	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B2F	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B2E	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B38	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B4B	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B55	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B54	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B2D	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B52	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B53	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B50	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B4F	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B4E	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B40	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000007B4C	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B4A	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B49	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B48	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B47	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B46	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B45	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B44	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B43	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
V000007B4D	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	27-Jan-21
0001627255	-	CLOROX CLEAN-UP ALL-PURPOSE BLEACH CLEANER	32	Ounces(OZ)	27-Jan-21
0001627257	-	CLOROX CLEAN-UP ALL-PURPOSE BLEACH CLEANER	32	Ounces(OZ)	27-Jan-21
0001627256	-	CLOROX CLEAN-UP ALL-PURPOSE BLEACH CLEANER	32	Ounces(OZ)	27-Jan-21
0001627258	-	CRC BRAKLEEN BRAKE CLEANER	14	Ounces(OZ)	27-Jan-21
0001627260	-	CRC BRAKLEEN BRAKE CLEANER	14	Ounces(OZ)	27-Jan-21
0001627259	-	CRC BRAKLEEN BRAKE CLEANER	14	Ounces(OZ)	27-Jan-21
0001627261	-	CRC BRAKLEEN BRAKE CLEANER	14	Ounces(OZ)	27-Jan-21
0001627254	-	JOHNSEN'S NON-CHLORINATATED BRAKE PARTS CLEANER CALIFORNIA 5 GALLON	5	Gallon(GAL)	27-Jan-21
0001612572	223911-98-6	Holmium (III) bromide	10	Gram(GM)	28-Jan-21
0001612573	7447-40-7	POTASSIUM CHLORIDE	2.5	Kilograms(KG)	28-Jan-21
0001612574	7647-14-5	SODIUM CHLORIDE	5	Kilograms(KG)	28-Jan-21
0001612575	112-30-1	1-DECANOL	500	Gram(GM)	28-Jan-21
0001612577	112-30-1	1-DECANOL	500	Gram(GM)	28-Jan-21
0001612578	112-30-1	1-DECANOL	500	Gram(GM)	28-Jan-21
0001612576	112-30-1	1-DECANOL	500	Gram(GM)	28-Jan-21
0001612579	2857-97-8	BROMOTRIMETHYLSILANE	100	Milliliter(ML)	28-Jan-21
0001612580	-	KL-325 Epoxy Kit	25	Gram(GM)	28-Jan-21
0001612582	-	KL-325 Epoxy Kit	25	Gram(GM)	28-Jan-21
0001612588	-	KL-325 Epoxy Kit	25	Gram(GM)	28-Jan-21
0001612587	-	KL-325 Epoxy Kit	25	Gram(GM)	28-Jan-21
0001612585	-	KL-325 Epoxy Kit	25	Gram(GM)	28-Jan-21
0001612586	-	KL-325 Epoxy Kit	25	Gram(GM)	28-Jan-21
0001612583	-	KL-325 Epoxy Kit	25	Gram(GM)	28-Jan-21
0001612581	-	KL-325 Epoxy Kit	25	Gram(GM)	28-Jan-21
0001612589	-	KL-325 Epoxy Kit	25	Gram(GM)	28-Jan-21
0001612584	-	KL-325 Epoxy Kit	25	Gram(GM)	28-Jan-21
0001612590	71176-55-1	5-Nitro-m-xylene-a a-diol	10	Gram(GM)	28-Jan-21
0001612591	7446-70-0	ALUMINUM CHLORIDE ANHYDROUS	25	Gram(GM)	28-Jan-21
0001612592	24324-17-2	9-FLUORENEMETHANOL	50	Gram(GM)	28-Jan-21
0001612593	67-43-6	DIETHYLENETRIAMINEPENTAACETIC ACID	100	Gram(GM)	28-Jan-21
0001612594	67-56-1	METHANOL	4	Liters(L)	28-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001612598	67-56-1	METHANOL	4	Liters(L)	28-Jan-21
0001612600	67-56-1	METHANOL	4	Liters(L)	28-Jan-21
0001612599	67-56-1	METHANOL	4	Liters(L)	28-Jan-21
0001612596	67-56-1	METHANOL	4	Liters(L)	28-Jan-21
0001612595	67-56-1	METHANOL	4	Liters(L)	28-Jan-21
0001612597	67-56-1	METHANOL	4	Liters(L)	28-Jan-21
0001612601	67-56-1	METHANOL	4	Liters(L)	28-Jan-21
0001612023	67-63-0	2-PROPONAL	1	Gallon(GAL)	28-Jan-21
0001612030	67-63-0	2-PROPONAL	1	Gallon(GAL)	28-Jan-21
0001612026	67-63-0	2-PROPONAL	1	Gallon(GAL)	28-Jan-21
0001612027	67-63-0	2-PROPONAL	1	Gallon(GAL)	28-Jan-21
0001612028	67-63-0	2-PROPONAL	1	Gallon(GAL)	28-Jan-21
0001612029	67-63-0	2-PROPONAL	1	Gallon(GAL)	28-Jan-21
0001612024	67-63-0	2-PROPONAL	1	Gallon(GAL)	28-Jan-21
0001612031	67-63-0	2-PROPONAL	1	Gallon(GAL)	28-Jan-21
0001612025	67-63-0	2-PROPONAL	1	Gallon(GAL)	28-Jan-21
0001612032	67-63-0	2-PROPONAL	1	Gallon(GAL)	28-Jan-21
0001612368	60-29-7	DIETHYL ETHER	5	Liters(L)	28-Jan-21
0001612526	75-09-2	DICHLOROMETHANE	2	Liters(L)	28-Jan-21
0001612527	75-09-2	DICHLOROMETHANE	2	Liters(L)	28-Jan-21
0001612528	77-58-7	DIBUTYLTIN DILAURATE	25	Gram(GM)	28-Jan-21
0001612529	76-59-5	BROMOTHYMOL BLUE	5	Gram(GM)	28-Jan-21
0001612530	872-50-4	1-METHYL-2-PYRROLIDINONE	1	Liters(L)	28-Jan-21
0001612531	872-50-4	1-METHYL-2-PYRROLIDINONE	1	Liters(L)	28-Jan-21
0001612532	101-68-8	4 4'-Methylenebis(phenyl isocyanate)	50	Gram(GM)	28-Jan-21
0001612602	-	HYDROGEN PEROXIDE	100	Milliliter(ML)	28-Jan-21
0001612603	-	HYDROGEN PEROXIDE	100	Milliliter(ML)	28-Jan-21
0001612604	67-56-1	METHANOL	4	Liters(L)	28-Jan-21
0001612607	67-56-1	METHANOL	4	Liters(L)	28-Jan-21
0001612606	67-56-1	METHANOL	4	Liters(L)	28-Jan-21
0001612605	67-56-1	METHANOL	4	Liters(L)	28-Jan-21
0001612608	67-63-0	2-PROPONAL	4	Liters(L)	28-Jan-21
0001612609	67-63-0	2-PROPONAL	4	Liters(L)	28-Jan-21
0001612610	67-63-0	2-PROPONAL	4	Liters(L)	28-Jan-21
0001612611	67-63-0	2-PROPONAL	4	Liters(L)	28-Jan-21
0001612612	75-05-8	ACETONITRILE	1	Liters(L)	28-Jan-21
0001612613	75-05-8	ACETONITRILE	1	Liters(L)	28-Jan-21
0001612614	100-42-5	STYRENE	1	Liters(L)	28-Jan-21
0001612615	57-09-0	HEXADECYLTRIMETHYLAMMONIUM BROMIDE	100	Gram(GM)	28-Jan-21
0001612616	-	SYLGARD 184 SILICONE ELASTOMER CURING AGENT	1.1	Pounds(LB)	28-Jan-21
0001612617	-	SYLGARD 184 SILICONE ELASTOMER	16	Ounces(OZ)	28-Jan-21
0001612618	-	1000 ug/mL Tantalum	500	Milliliter(ML)	28-Jan-21
0001612620	67-64-1	ACETONE	4	Liters(L)	28-Jan-21
0001612621	-	Hydrochloric Acid	4	Liters(L)	28-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001612626	-	1000 ug/mL Platinum	500	Milliliter(ML)	28-Jan-21
0001612627	9011-14-7	TRANSACRYLIC COMPRESSION MOUNTING POWDER	5	Pounds(LB)	28-Jan-21
0001612628	67-63-0	ISOPROPYL ALCOHOL	4	Liters(L)	28-Jan-21
0001612631	67-63-0	ISOPROPYL ALCOHOL	4	Liters(L)	28-Jan-21
0001612630	67-63-0	ISOPROPYL ALCOHOL	4	Liters(L)	28-Jan-21
0001612629	67-63-0	ISOPROPYL ALCOHOL	4	Liters(L)	28-Jan-21
0001612632	65-85-0	BENZOIC ACID	1	Kilograms(KG)	28-Jan-21
0001612633	12125-02-9	AMMONIUM CHLORIDE	2	Kilograms(KG)	28-Jan-21
0001612634	110-63-4	1 4-BUTANEDIOL	100	Gram(GM)	28-Jan-21
0001612635	7440-64-4	YTTERBIUM	2	Gram(GM)	28-Jan-21
0001612636	10361-91-8	YTTERBIUM(III) CHLORIDE ANHYDROUS	5	Gram(GM)	28-Jan-21
0001612637	67-48-1	CHOLINE CHLORIDE	25	Gram(GM)	28-Jan-21
0001612638	67-48-1	CHOLINE CHLORIDE	100	Gram(GM)	28-Jan-21
0001612640	67-48-1	CHOLINE CHLORIDE	5	Gram(GM)	28-Jan-21
0001612644	67-48-1	CHOLINE CHLORIDE	5	Gram(GM)	28-Jan-21
0001612641	67-48-1	CHOLINE CHLORIDE	5	Gram(GM)	28-Jan-21
0001612642	67-48-1	CHOLINE CHLORIDE	5	Gram(GM)	28-Jan-21
0001612643	67-48-1	CHOLINE CHLORIDE	5	Gram(GM)	28-Jan-21
0001612639	4432-31-9	MES	100	Milliliter(ML)	28-Jan-21
0001149086	7732-18-5	WATER	1	Liters(L)	28-Jan-21
0001149087	7732-18-5	WATER	1	Liters(L)	28-Jan-21
0001612645	9000-40-2	LOCUST BEAN GUM	500	Gram(GM)	28-Jan-21
0001612646	11138-66-2	XANTHAN GUM	100	Gram(GM)	28-Jan-21
0001612647	-	Perfluorinated resin solution containing Nafion 1100W	25	Milliliter(ML)	28-Jan-21
0001612649	516-12-1	N-IODOSUCCINIMIDE	100	Gram(GM)	28-Jan-21
0001612650	-	TEVA RESIN	100	Milliliter(ML)	28-Jan-21
0001612648	-	Sodium acetate buffer solution	100	Milliliter(ML)	28-Jan-21
0001612369	7632-00-0	SODIUM NITRITE	100	Gram(GM)	28-Jan-21
0001612370	50-81-7	L-ASCORBIC ACID	100	Gram(GM)	28-Jan-21
0001612371	25322-68-3	POLYETHYLENE GLYCOL	1	Liters(L)	28-Jan-21
0001612372	7664-38-2	PHOSPHORIC ACID LIQUID	4	Liters(L)	28-Jan-21
0001612373	7664-38-2	PHOSPHORIC ACID LIQUID	4	Liters(L)	28-Jan-21
0001612374	7664-38-2	PHOSPHORIC ACID LIQUID	4	Liters(L)	28-Jan-21
0001612375	7664-38-2	PHOSPHORIC ACID LIQUID	4	Liters(L)	28-Jan-21
0001612377	6192-52-5	P-TOLUENESULFONIC ACID MONOHYDRATE	100	Gram(GM)	28-Jan-21
0001612378	20694-39-7	MANGANESE(II) NITRATE TETRAHYDRATE	100	Gram(GM)	28-Jan-21
0001612379	7789-02-8	CHROMIUM(III) NITRATE NONAHYDRATE	100	Gram(GM)	28-Jan-21
0001612652	141-79-7	MESITYL OXIDE	100	Milliliter(ML)	28-Jan-21
0001590869	52349-26-5	Trimethyl chitosan medium molecular weight	1	Gram(GM)	28-Jan-21
0001590870	52349-26-5	Trimethyl chitosan medium molecular weight	1	Gram(GM)	28-Jan-21
0001612687	-	MICRO-BLAZE EMERGENCY LIQUID SPILL CONTROL	5	Gallon(GAL)	28-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001612691	-	MICRO-BLAZE EMERGENCY LIQUID SPILL CONTROL	5	Gallon(GAL)	28-Jan-21
0001612690	-	MICRO-BLAZE EMERGENCY LIQUID SPILL CONTROL	5	Gallon(GAL)	28-Jan-21
0001612688	-	MICRO-BLAZE EMERGENCY LIQUID SPILL CONTROL	5	Gallon(GAL)	28-Jan-21
0001612689	-	MICRO-BLAZE EMERGENCY LIQUID SPILL CONTROL	5	Gallon(GAL)	28-Jan-21
0001612753	-	Hydrochloric Acid	500	Milliliter(ML)	28-Jan-21
0001612754	-	Hydrochloric Acid	500	Milliliter(ML)	28-Jan-21
0001612755	-	Hydrochloric Acid	500	Milliliter(ML)	28-Jan-21
0001612756	-	Hydrochloric Acid	500	Milliliter(ML)	28-Jan-21
0001612757	-	Hydrochloric Acid	500	Milliliter(ML)	28-Jan-21
0001612758	-	Hydrochloric Acid	500	Milliliter(ML)	28-Jan-21
0001612696	-	3M Novec 72DA Engineered Fluid	5	Gallon(GAL)	28-Jan-21
0001612697	-	3M Novec 72DA Engineered Fluid	5	Gallon(GAL)	28-Jan-21
0001612651	-	PALLADIUM STANDARD	100	Milliliter(ML)	28-Jan-21
0001612653	68-12-2	N N-DIMETHYLFORMAMIDE	1	Liters(L)	28-Jan-21
0001612654	68-12-2	N N-DIMETHYLFORMAMIDE	1	Liters(L)	28-Jan-21
0001612655	67-64-1	ACETONE	4	Liters(L)	28-Jan-21
0001612656	67-64-1	ACETONE	4	Liters(L)	28-Jan-21
0001612657	67-64-1	ACETONE	4	Liters(L)	28-Jan-21
0001612658	67-64-1	ACETONE	4	Liters(L)	28-Jan-21
0001612659	67-64-1	ACETONE	4	Liters(L)	28-Jan-21
0001612660	67-64-1	ACETONE	4	Liters(L)	28-Jan-21
0001612661	-	Hydrochloric Acid	500	Milliliter(ML)	28-Jan-21
0001612664	-	Hydrochloric Acid	500	Milliliter(ML)	28-Jan-21
0001612663	-	Hydrochloric Acid	500	Milliliter(ML)	28-Jan-21
0001612662	-	Hydrochloric Acid	500	Milliliter(ML)	28-Jan-21
0001612665	110-54-3	HEXANE	1	Liters(L)	28-Jan-21
0001612666	67-56-1	METHANOL	1	Liters(L)	28-Jan-21
0001612667	7774-29-0	MERCURY(II) IODIDE	5	Gram(GM)	28-Jan-21
0001612668	-	TRIS GLYCINE SDS 10X BUFFER SOLUTION	1	Liters(L)	28-Jan-21
0001612670	-	TRIS GLYCINE SDS 10X BUFFER SOLUTION	1	Liters(L)	28-Jan-21
0001612669	-	TRIS GLYCINE SDS 10X BUFFER SOLUTION	1	Liters(L)	28-Jan-21
0001612671	67-63-0	ISOPROPYL ALCOHOL	4	Liters(L)	28-Jan-21
0001612673	67-63-0	ISOPROPYL ALCOHOL	4	Liters(L)	28-Jan-21
0001612674	67-63-0	ISOPROPYL ALCOHOL	4	Liters(L)	28-Jan-21
0001612672	67-63-0	ISOPROPYL ALCOHOL	4	Liters(L)	28-Jan-21
0001612675	62-56-6	THIOUREA	50	Gram(GM)	28-Jan-21
0001612676	12054-85-2	Ammonium molybdate tetrahydrate	50	Gram(GM)	28-Jan-21
0001612677	7447-40-7	POTASSIUM CHLORIDE	1	Kilograms(KG)	28-Jan-21
0001612678	108-80-5	CYANURIC ACID	25	Gram(GM)	28-Jan-21
0001612680	644-97-3	DICHLOROPHENYLPHOSPHINE	100	Gram(GM)	28-Jan-21
0001612681	25322-68-3	POLYETHYLENE GLYCOL	250	Gram(GM)	28-Jan-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001612683	10101-63-0	LEAD(II) IODIDE	50	Gram(GM)	28-Jan-21
0001612684	80-10-4	DIPHENYLDICHLOROSILANE	100	Gram(GM)	28-Jan-21
0001612685	333-20-0	POTASSIUM THIOCYANATE	100	Gram(GM)	28-Jan-21
0001612686	151-21-3	SODIUM DODECYL SULFATE (SOIDUM LAURYL SULFATE)	1	Kilograms(KG)	28-Jan-21
0001612759	38353-09-2	2-HYDROXYPYRIMIDINE HYDROCHLORIDE	25	Gram(GM)	28-Jan-21
0001612760	36945-08-1	n-Butylammonium iodide	25	Gram(GM)	28-Jan-21
0001612761	108-88-3	TOLUENE	500	Milliliter(ML)	28-Jan-21
0001612762	108-90-7	CHLOROBENZENE	100	Milliliter(ML)	28-Jan-21
0001612763	62-55-5	THIOACETAMIDE	25	Gram(GM)	28-Jan-21
0001612765	-	GELCODE BLUE STAIN REAGENT	500	Milliliter(ML)	28-Jan-21
0001612766	-	GELCODE BLUE STAIN REAGENT	500	Milliliter(ML)	28-Jan-21
0001612767	10294-41-4	CERIUM(III) NITRATE HEXAHYDRATE	100	Gram(GM)	28-Jan-21
0001612768	13637-68-8	MOLYBDENUM DICHLORIDE DIOXIDE	1	Gram(GM)	28-Jan-21
0001612769	574-93-6	29H 31H-PHTHALOCYANINE	5	Gram(GM)	28-Jan-21
0001612770	13818-75-2	Gadolinium bromide	5	Gram(GM)	28-Jan-21
0001612679	148893-10-1	HATU	25	Gram(GM)	28-Jan-21
0001627262	-	Parts Plus Type F ATF	1	Quarts(QT)	01-Feb-21
0001627270	-	Parts Plus Type F ATF	1	Quarts(QT)	01-Feb-21
0001627268	-	Parts Plus Type F ATF	1	Quarts(QT)	01-Feb-21
0001627266	-	Parts Plus Type F ATF	1	Quarts(QT)	01-Feb-21
0001627265	-	Parts Plus Type F ATF	1	Quarts(QT)	01-Feb-21
0001627263	-	Parts Plus Type F ATF	1	Quarts(QT)	01-Feb-21
0001627284	-	Parts Plus Type F ATF	1	Quarts(QT)	01-Feb-21
0001627269	-	Parts Plus Type F ATF	1	Quarts(QT)	01-Feb-21
0001627285	-	Parts Plus Type F ATF	1	Quarts(QT)	01-Feb-21
0001627264	-	Parts Plus Type F ATF	1	Quarts(QT)	01-Feb-21
0001627281	-	Parts Plus Type F ATF	1	Quarts(QT)	01-Feb-21
0001627267	-	Parts Plus Type F ATF	1	Quarts(QT)	01-Feb-21
0001627283	-	Parts Plus Type F ATF	1	Quarts(QT)	01-Feb-21
0001627282	-	Parts Plus Type F ATF	1	Quarts(QT)	01-Feb-21
0001627280	-	Parts Plus Type F ATF	1	Quarts(QT)	01-Feb-21
0001627279	-	Parts Plus Type F ATF	1	Quarts(QT)	01-Feb-21
0001627278	-	Parts Plus Type F ATF	1	Quarts(QT)	01-Feb-21
0001627277	-	Parts Plus Type F ATF	1	Quarts(QT)	01-Feb-21
0001627276	-	Parts Plus Type F ATF	1	Quarts(QT)	01-Feb-21
0001627275	-	Parts Plus Type F ATF	1	Quarts(QT)	01-Feb-21
0001627274	-	Parts Plus Type F ATF	1	Quarts(QT)	01-Feb-21
0001627273	-	Parts Plus Type F ATF	1	Quarts(QT)	01-Feb-21
0001627272	-	Parts Plus Type F ATF	1	Quarts(QT)	01-Feb-21
0001627271	-	Parts Plus Type F ATF	1	Quarts(QT)	01-Feb-21
0001627286	-	STARTING FLUID	10.7	Ounces(OZ)	01-Feb-21
0001627287	-	STARTING FLUID	10.7	Ounces(OZ)	01-Feb-21
0001627291	-	STARTING FLUID	10.7	Ounces(OZ)	01-Feb-21
0001627290	-	STARTING FLUID	10.7	Ounces(OZ)	01-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001627289	-	STARTING FLUID	10.7	Ounces(OZ)	01-Feb-21
0001627288	-	STARTING FLUID	10.7	Ounces(OZ)	01-Feb-21
0001627292	-	SAE 5W-30 MOTOR OIL	1	Gallon(GAL)	01-Feb-21
0001627295	-	SAE 5W-30 MOTOR OIL	1	Gallon(GAL)	01-Feb-21
0001627293	-	SAE 5W-30 MOTOR OIL	1	Gallon(GAL)	01-Feb-21
0001627294	-	SAE 5W-30 MOTOR OIL	1	Gallon(GAL)	01-Feb-21
V000007B86	-	Mobil 1 5W-40	1	Gram(GM)	01-Feb-21
V000007B87	-	Mobil 1 5W-40	1	Gram(GM)	01-Feb-21
0001627296	-	Blue Def	2.5	Gallon(GAL)	01-Feb-21
0001627335	-	Blue Def	2.5	Gallon(GAL)	01-Feb-21
0001627332	-	Blue Def	2.5	Gallon(GAL)	01-Feb-21
0001627321	-	Blue Def	2.5	Gallon(GAL)	01-Feb-21
0001627297	-	Blue Def	2.5	Gallon(GAL)	01-Feb-21
0001627323	-	Blue Def	2.5	Gallon(GAL)	01-Feb-21
0001627333	-	Blue Def	2.5	Gallon(GAL)	01-Feb-21
0001627325	-	Blue Def	2.5	Gallon(GAL)	01-Feb-21
0001627326	-	Blue Def	2.5	Gallon(GAL)	01-Feb-21
0001627327	-	Blue Def	2.5	Gallon(GAL)	01-Feb-21
0001627328	-	Blue Def	2.5	Gallon(GAL)	01-Feb-21
0001627329	-	Blue Def	2.5	Gallon(GAL)	01-Feb-21
0001627320	-	Blue Def	2.5	Gallon(GAL)	01-Feb-21
0001627331	-	Blue Def	2.5	Gallon(GAL)	01-Feb-21
0001627322	-	Blue Def	2.5	Gallon(GAL)	01-Feb-21
0001627334	-	Blue Def	2.5	Gallon(GAL)	01-Feb-21
0001627336	-	Blue Def	2.5	Gallon(GAL)	01-Feb-21
0001627337	-	Blue Def	2.5	Gallon(GAL)	01-Feb-21
0001627338	-	Blue Def	2.5	Gallon(GAL)	01-Feb-21
0001627339	-	Blue Def	2.5	Gallon(GAL)	01-Feb-21
0001627340	-	Blue Def	2.5	Gallon(GAL)	01-Feb-21
0001627341	-	Blue Def	2.5	Gallon(GAL)	01-Feb-21
0001627342	-	Blue Def	2.5	Gallon(GAL)	01-Feb-21
0001627343	-	Blue Def	2.5	Gallon(GAL)	01-Feb-21
0001627330	-	Blue Def	2.5	Gallon(GAL)	01-Feb-21
0001627306	-	Blue Def	2.5	Gallon(GAL)	01-Feb-21
0001627298	-	Blue Def	2.5	Gallon(GAL)	01-Feb-21
0001627299	-	Blue Def	2.5	Gallon(GAL)	01-Feb-21
0001627300	-	Blue Def	2.5	Gallon(GAL)	01-Feb-21
0001627301	-	Blue Def	2.5	Gallon(GAL)	01-Feb-21
0001627302	-	Blue Def	2.5	Gallon(GAL)	01-Feb-21
0001627303	-	Blue Def	2.5	Gallon(GAL)	01-Feb-21
0001627324	-	Blue Def	2.5	Gallon(GAL)	01-Feb-21
0001627305	-	Blue Def	2.5	Gallon(GAL)	01-Feb-21
0001627319	-	Blue Def	2.5	Gallon(GAL)	01-Feb-21
0001627307	-	Blue Def	2.5	Gallon(GAL)	01-Feb-21
0001627316	-	Blue Def	2.5	Gallon(GAL)	01-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001627304	-	Blue Def	2.5	Gallon(GAL)	01-Feb-21
0001627317	-	Blue Def	2.5	Gallon(GAL)	01-Feb-21
0001627308	-	Blue Def	2.5	Gallon(GAL)	01-Feb-21
0001627315	-	Blue Def	2.5	Gallon(GAL)	01-Feb-21
0001627314	-	Blue Def	2.5	Gallon(GAL)	01-Feb-21
0001627313	-	Blue Def	2.5	Gallon(GAL)	01-Feb-21
0001627312	-	Blue Def	2.5	Gallon(GAL)	01-Feb-21
0001627311	-	Blue Def	2.5	Gallon(GAL)	01-Feb-21
0001627310	-	Blue Def	2.5	Gallon(GAL)	01-Feb-21
0001627309	-	Blue Def	2.5	Gallon(GAL)	01-Feb-21
0001627318	-	Blue Def	2.5	Gallon(GAL)	01-Feb-21
0001627344	-	DUPLI-COLOR Acrylic Lacquer Aerosol Paint Gloss Black	12	Ounces(OZ)	01-Feb-21
0001627345	-	DUPLI-COLOR Acrylic Lacquer Aerosol Paint Gloss Black	12	Ounces(OZ)	01-Feb-21
0001627346	-	KRYLON ColorMaster with Covermax Technology Paint + Primer Flat Black	12	Ounces(OZ)	01-Feb-21
0001627347	-	KRYLON ColorMaster with Covermax Technology Paint + Primer Flat Black	12	Ounces(OZ)	01-Feb-21
0001576759	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576771	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576816	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576849	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576825	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576824	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576823	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576822	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576821	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576820	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576819	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576827	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576817	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576828	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576815	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576814	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576813	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576812	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576811	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576810	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576809	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576808	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576807	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576818	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576838	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576773	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001576847	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576846	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576845	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576844	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576843	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576842	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576841	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576826	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576839	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576804	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576837	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576836	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576835	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576834	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576833	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576832	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576831	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576830	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576829	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576840	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576769	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576781	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576780	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576779	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576778	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576777	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576776	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576775	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576774	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576806	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576770	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576784	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576768	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576767	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576766	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576765	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576764	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576763	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576762	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576761	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576760	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576772	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576793	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576850	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576803	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001576802	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576801	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576800	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576799	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576798	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576797	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576796	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576782	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576794	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576783	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576792	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576791	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576790	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576789	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576788	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576787	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576786	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576785	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576805	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576795	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576859	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576851	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576852	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576853	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576854	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576855	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576856	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576857	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576858	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576848	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576860	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576911	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576917	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576904	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576916	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576915	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576914	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576913	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576912	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576918	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576910	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576909	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576908	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576907	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576919	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001576905	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576925	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576903	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576902	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576906	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576929	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576938	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576937	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576936	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576935	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576934	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576933	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576932	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576923	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576930	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576920	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576928	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576927	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576926	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576894	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576924	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576901	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576922	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576921	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576931	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576869	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576896	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576877	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576876	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576875	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576874	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576873	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576872	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576879	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576870	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576880	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576868	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576867	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576866	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576865	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576864	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576863	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576862	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576861	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576871	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001576889	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576899	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576898	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576897	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576895	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576893	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576892	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576878	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576890	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576900	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576888	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576887	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576886	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576885	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576884	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576883	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576882	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576881	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576891	-	ARDEX-V-1200	50	Pounds(LB)	01-Feb-21
0001576939	-	ARDEX FEATHER FINISH	10	Pounds(LB)	01-Feb-21
0001576951	-	ARDEX FEATHER FINISH	10	Pounds(LB)	01-Feb-21
0001576952	-	ARDEX FEATHER FINISH	10	Pounds(LB)	01-Feb-21
0001576967	-	ARDEX FEATHER FINISH	10	Pounds(LB)	01-Feb-21
0001576966	-	ARDEX FEATHER FINISH	10	Pounds(LB)	01-Feb-21
0001576965	-	ARDEX FEATHER FINISH	10	Pounds(LB)	01-Feb-21
0001576964	-	ARDEX FEATHER FINISH	10	Pounds(LB)	01-Feb-21
0001576963	-	ARDEX FEATHER FINISH	10	Pounds(LB)	01-Feb-21
0001576962	-	ARDEX FEATHER FINISH	10	Pounds(LB)	01-Feb-21
0001576961	-	ARDEX FEATHER FINISH	10	Pounds(LB)	01-Feb-21
0001576960	-	ARDEX FEATHER FINISH	10	Pounds(LB)	01-Feb-21
0001576959	-	ARDEX FEATHER FINISH	10	Pounds(LB)	01-Feb-21
0001576958	-	ARDEX FEATHER FINISH	10	Pounds(LB)	01-Feb-21
0001576957	-	ARDEX FEATHER FINISH	10	Pounds(LB)	01-Feb-21
0001576968	-	ARDEX FEATHER FINISH	10	Pounds(LB)	01-Feb-21
0001576955	-	ARDEX FEATHER FINISH	10	Pounds(LB)	01-Feb-21
0001576954	-	ARDEX FEATHER FINISH	10	Pounds(LB)	01-Feb-21
0001576953	-	ARDEX FEATHER FINISH	10	Pounds(LB)	01-Feb-21
0001576950	-	ARDEX FEATHER FINISH	10	Pounds(LB)	01-Feb-21
0001576949	-	ARDEX FEATHER FINISH	10	Pounds(LB)	01-Feb-21
0001576948	-	ARDEX FEATHER FINISH	10	Pounds(LB)	01-Feb-21
0001576947	-	ARDEX FEATHER FINISH	10	Pounds(LB)	01-Feb-21
0001576946	-	ARDEX FEATHER FINISH	10	Pounds(LB)	01-Feb-21
0001576945	-	ARDEX FEATHER FINISH	10	Pounds(LB)	01-Feb-21
0001576944	-	ARDEX FEATHER FINISH	10	Pounds(LB)	01-Feb-21
0001576943	-	ARDEX FEATHER FINISH	10	Pounds(LB)	01-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001576942	-	ARDEX FEATHER FINISH	10	Pounds(LB)	01-Feb-21
0001576941	-	ARDEX FEATHER FINISH	10	Pounds(LB)	01-Feb-21
0001576940	-	ARDEX FEATHER FINISH	10	Pounds(LB)	01-Feb-21
0001576956	-	ARDEX FEATHER FINISH	10	Pounds(LB)	01-Feb-21
0001459762	-	URETHANE ENCAPSULANT #7200 (PART B)	6	Quarts(QT)	01-Feb-21
0001459765	-	URETHANE ENCAPSULANT #7200 (PART B)	6	Quarts(QT)	01-Feb-21
0001459764	-	URETHANE ENCAPSULANT #7200 (PART B)	6	Quarts(QT)	01-Feb-21
0001459766	-	URETHANE ENCAPSULANT #7200 (PART B)	6	Quarts(QT)	01-Feb-21
0001459767	-	URETHANE ENCAPSULANT #7200 (PART B)	6	Quarts(QT)	01-Feb-21
0001459763	-	URETHANE ENCAPSULANT #7200 (PART B)	6	Quarts(QT)	01-Feb-21
0001459768	-	URETHANE ENCAPSULANT #7200 (PART A)	6	Gallon(GAL)	01-Feb-21
0001459769	-	URETHANE ENCAPSULANT #7200 (PART A)	6	Gallon(GAL)	01-Feb-21
0001459771	-	URETHANE ENCAPSULANT #7200 (PART A)	6	Gallon(GAL)	01-Feb-21
0001459772	-	URETHANE ENCAPSULANT #7200 (PART A)	6	Gallon(GAL)	01-Feb-21
0001459773	-	URETHANE ENCAPSULANT #7200 (PART A)	6	Gallon(GAL)	01-Feb-21
0001459770	-	URETHANE ENCAPSULANT #7200 (PART A)	6	Gallon(GAL)	01-Feb-21
0001612817	71-23-8	1-PROPANOL	4	Liters(L)	01-Feb-21
0001612818	71-23-8	1-PROPANOL	4	Liters(L)	01-Feb-21
0001612819	71-23-8	1-PROPANOL	4	Liters(L)	01-Feb-21
0001612820	71-23-8	1-PROPANOL	4	Liters(L)	01-Feb-21
0001612821	7447-40-7	POTASSIUM CHLORIDE	10	Kilograms(KG)	01-Feb-21
0001612822	7447-40-7	POTASSIUM CHLORIDE	10	Kilograms(KG)	01-Feb-21
0001612823	7447-40-7	POTASSIUM CHLORIDE	10	Kilograms(KG)	01-Feb-21
0001612824	7647-14-5	SODIUM CHLORIDE	10	Kilograms(KG)	01-Feb-21
0001612825	7647-14-5	SODIUM CHLORIDE	10	Kilograms(KG)	01-Feb-21
0001612826	-	Sanihol 70	1	Gallon(GAL)	01-Feb-21
0001612827	-	Sanihol 70	1	Gallon(GAL)	01-Feb-21
0001612829	-	Sanihol 70	1	Gallon(GAL)	01-Feb-21
0001612828	-	Sanihol 70	1	Gallon(GAL)	01-Feb-21
0001612830	-	THERMALLY CONDUCTIVE EPOXY ADHESIVE	50	Milliliter(ML)	01-Feb-21
0001612831	-	THERMALLY CONDUCTIVE EPOXY ADHESIVE	50	Milliliter(ML)	01-Feb-21
0001163878	108-78-1	MELAMINE	100	Gram(GM)	02-Feb-21
0001418404	-	glue	25	Milliliter(ML)	02-Feb-21
0001418405	-	glue	25	Milliliter(ML)	02-Feb-21
0000839548	-	xenon/krypton	1	Liters(L)	02-Feb-21
0000839551	-	xenon/krypton	1	Liters(L)	02-Feb-21
0000839549	-	xenon/krypton	1	Liters(L)	02-Feb-21
0000839561	-	xenon/krypton	1	Liters(L)	02-Feb-21
0001612832	18162-48-6	tert-Butyldimethylchlorosilane	25	Gram(GM)	02-Feb-21
0001612833	-	LOCTITE ADHESIVE	1.75	Ounces(OZ)	02-Feb-21
0001612838	-	LOCTITE ADHESIVE	1.75	Ounces(OZ)	02-Feb-21
0001612837	-	LOCTITE ADHESIVE	1.75	Ounces(OZ)	02-Feb-21
0001612834	-	LOCTITE ADHESIVE	1.75	Ounces(OZ)	02-Feb-21
0001612835	-	LOCTITE ADHESIVE	1.75	Ounces(OZ)	02-Feb-21
0001612836	-	LOCTITE ADHESIVE	1.75	Ounces(OZ)	02-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001657723	-	199-400PPM CARBON DIOXIDE IN HELIUM	50	Pounds(LB)	02-Feb-21
0001657724	7440-59-7	HELIUM GAS	5	Pounds(LB)	02-Feb-21
0001657725	-	ARGON GAS	220	Cubic Feet(CF)	02-Feb-21
0001612840	-	Clear Photoreactive Resin	1	Liters(L)	02-Feb-21
0001657786	-	ARGON GAS	220	Cubic Feet(CF)	02-Feb-21
0001657797	-	ARGON GAS	220	Cubic Feet(CF)	02-Feb-21
0001657787	-	ARGON GAS	220	Cubic Feet(CF)	02-Feb-21
0001657788	-	ARGON GAS	220	Cubic Feet(CF)	02-Feb-21
0001657789	-	ARGON GAS	220	Cubic Feet(CF)	02-Feb-21
0001657790	-	ARGON GAS	220	Cubic Feet(CF)	02-Feb-21
0001657791	-	ARGON GAS	220	Cubic Feet(CF)	02-Feb-21
0001657792	-	ARGON GAS	220	Cubic Feet(CF)	02-Feb-21
0001657793	-	ARGON GAS	220	Cubic Feet(CF)	02-Feb-21
0001657794	-	ARGON GAS	220	Cubic Feet(CF)	02-Feb-21
0001657805	-	ARGON GAS	220	Cubic Feet(CF)	02-Feb-21
0001657796	-	ARGON GAS	220	Cubic Feet(CF)	02-Feb-21
0001657801	-	ARGON GAS	220	Cubic Feet(CF)	02-Feb-21
0001657798	-	ARGON GAS	220	Cubic Feet(CF)	02-Feb-21
0001657799	-	ARGON GAS	220	Cubic Feet(CF)	02-Feb-21
0001657800	-	ARGON GAS	220	Cubic Feet(CF)	02-Feb-21
0001657806	-	ARGON GAS	220	Cubic Feet(CF)	02-Feb-21
0001657804	-	ARGON GAS	220	Cubic Feet(CF)	02-Feb-21
0001657803	-	ARGON GAS	220	Cubic Feet(CF)	02-Feb-21
0001657802	-	ARGON GAS	220	Cubic Feet(CF)	02-Feb-21
0001657795	-	ARGON GAS	220	Cubic Feet(CF)	02-Feb-21
0001612854	-	Clear Photoreactive Resin	1	Liters(L)	02-Feb-21
0001612851	-	Clear Photoreactive Resin	1	Liters(L)	02-Feb-21
0001612845	-	Clear Photoreactive Resin	1	Liters(L)	02-Feb-21
0001612843	-	Clear Photoreactive Resin	1	Liters(L)	02-Feb-21
0001612847	-	Clear Photoreactive Resin	1	Liters(L)	02-Feb-21
0001612848	-	Clear Photoreactive Resin	1	Liters(L)	02-Feb-21
0001612844	-	Clear Photoreactive Resin	1	Liters(L)	02-Feb-21
0001612850	-	Clear Photoreactive Resin	1	Liters(L)	02-Feb-21
0001612846	-	Clear Photoreactive Resin	1	Liters(L)	02-Feb-21
0001612852	-	Clear Photoreactive Resin	1	Liters(L)	02-Feb-21
0001612853	-	Clear Photoreactive Resin	1	Liters(L)	02-Feb-21
0001612842	-	Clear Photoreactive Resin	1	Liters(L)	02-Feb-21
0001612841	-	Clear Photoreactive Resin	1	Liters(L)	02-Feb-21
0001612855	-	Clear Photoreactive Resin	1	Liters(L)	02-Feb-21
0001612849	-	Clear Photoreactive Resin	1	Liters(L)	02-Feb-21
0001657811	-	ARGON GAS	220	Cubic Feet(CF)	02-Feb-21
0001657810	-	ARGON GAS	220	Cubic Feet(CF)	02-Feb-21
0001657809	-	ARGON GAS	220	Cubic Feet(CF)	02-Feb-21
0001657812	-	ARGON GAS	220	Cubic Feet(CF)	02-Feb-21
0001657807	-	ARGON GAS	220	Cubic Feet(CF)	02-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001657808	-	ARGON GAS	220	Cubic Feet(CF)	02-Feb-21
0001657726	-	CARBON MONOXIDE IN NITROGEN	103	Cubic Feet(CF)	02-Feb-21
0001657727	7440-59-7	HELIUM GAS	100	Liters(L)	02-Feb-21
0001657728	7440-59-7	HELIUM GAS	34	Liters(L)	02-Feb-21
0001612856	-	LOCTITE 595 SF CL RTV	80	Milliliter(ML)	02-Feb-21
0001612857	82911-69-1	N-(9-FLUORENYLMETHOXYCARBONYLOXY)-SUCCINIMIDE	25	Gram(GM)	02-Feb-21
0001612858	27964-99-4	POLY-D-LYSINE HYDROBROMIDE	50	Milligram(MG)	02-Feb-21
0001657916	-	OXYGEN COMPRESSED GAS	40	Cubic Feet(CF)	02-Feb-21
0001657901	-	OXYGEN COMPRESSED GAS	20	Cubic Feet(CF)	02-Feb-21
0001657908	-	OXYGEN COMPRESSED GAS	20	Cubic Feet(CF)	02-Feb-21
0001657903	-	OXYGEN COMPRESSED GAS	20	Cubic Feet(CF)	02-Feb-21
0001657902	-	OXYGEN COMPRESSED GAS	20	Cubic Feet(CF)	02-Feb-21
0001657904	-	OXYGEN COMPRESSED GAS	20	Cubic Feet(CF)	02-Feb-21
0001657905	-	OXYGEN COMPRESSED GAS	20	Cubic Feet(CF)	02-Feb-21
0001657907	-	OXYGEN COMPRESSED GAS	20	Cubic Feet(CF)	02-Feb-21
0001657909	-	OXYGEN COMPRESSED GAS	20	Cubic Feet(CF)	02-Feb-21
0001657910	-	OXYGEN COMPRESSED GAS	20	Cubic Feet(CF)	02-Feb-21
0001657911	-	OXYGEN COMPRESSED GAS	20	Cubic Feet(CF)	02-Feb-21
0001657912	-	OXYGEN COMPRESSED GAS	20	Cubic Feet(CF)	02-Feb-21
0001657914	-	OXYGEN COMPRESSED GAS	20	Cubic Feet(CF)	02-Feb-21
0001657913	-	OXYGEN COMPRESSED GAS	20	Cubic Feet(CF)	02-Feb-21
0001657906	-	OXYGEN COMPRESSED GAS	20	Cubic Feet(CF)	02-Feb-21
0001657915	-	OXYGEN COMPRESSED GAS	20	Cubic Feet(CF)	02-Feb-21
0001657917	7727-37-9	NITROGEN GAS	40	Cubic Feet(CF)	02-Feb-21
0001657922	7727-37-9	NITROGEN GAS	40	Cubic Feet(CF)	02-Feb-21
0001657918	7727-37-9	NITROGEN GAS	40	Cubic Feet(CF)	02-Feb-21
0001657921	7727-37-9	NITROGEN GAS	40	Cubic Feet(CF)	02-Feb-21
0001657919	7727-37-9	NITROGEN GAS	40	Cubic Feet(CF)	02-Feb-21
0001657920	7727-37-9	NITROGEN GAS	40	Cubic Feet(CF)	02-Feb-21
0001657924	7727-37-9	NITROGEN GAS	20	Cubic Feet(CF)	02-Feb-21
0001657923	7727-37-9	NITROGEN GAS	20	Cubic Feet(CF)	02-Feb-21
0001657815	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	02-Feb-21
0001657813	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	02-Feb-21
0001657814	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	02-Feb-21
0001657816	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	02-Feb-21
0001657817	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	02-Feb-21
0001657818	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	02-Feb-21
0001657820	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	02-Feb-21
0001657819	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	02-Feb-21
0001657823	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	02-Feb-21
0001657822	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	02-Feb-21
0001657821	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	02-Feb-21
0001657826	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	02-Feb-21
0001657827	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	02-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001657828	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	02-Feb-21
0001657829	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	02-Feb-21
0001657825	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	02-Feb-21
0001657824	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	02-Feb-21
0001657729	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657737	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657738	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657739	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657740	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657741	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657742	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657743	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657736	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657744	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657730	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657746	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657747	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657748	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657749	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657750	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657745	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657773	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657780	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657762	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657732	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657735	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657779	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657778	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657777	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657776	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657782	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657774	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657781	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657772	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657759	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657760	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657766	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657765	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657764	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657761	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657763	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657775	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657757	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657751	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657752	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001657753	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657734	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657733	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657754	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657755	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657731	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657756	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657767	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657769	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657783	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657770	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657771	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657758	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657785	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657784	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657768	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	02-Feb-21
0001657830	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	02-Feb-21
0001657893	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	02-Feb-21
0001657898	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	02-Feb-21
0001657896	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	02-Feb-21
0001657895	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	02-Feb-21
0001657894	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	02-Feb-21
0001657899	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	02-Feb-21
0001657892	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	02-Feb-21
0001657889	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	02-Feb-21
0001657897	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	02-Feb-21
0001657888	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	02-Feb-21
0001657890	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	02-Feb-21
0001657891	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	02-Feb-21
0001657887	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	02-Feb-21
0001657838	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	02-Feb-21
0001657841	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	02-Feb-21
0001657839	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	02-Feb-21
0001657837	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	02-Feb-21
0001657836	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	02-Feb-21
0001657835	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	02-Feb-21
0001657834	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	02-Feb-21
0001657833	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	02-Feb-21
0001657832	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	02-Feb-21
0001657831	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	02-Feb-21
0001657840	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	02-Feb-21
0001657842	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	02-Feb-21
0001657849	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	02-Feb-21
0001657862	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	02-Feb-21
0001657857	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	02-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001657886	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	02-Feb-21
0001657859	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	02-Feb-21
0001657861	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	02-Feb-21
0001657850	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	02-Feb-21
0001657848	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	02-Feb-21
0001657847	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	02-Feb-21
0001657846	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	02-Feb-21
0001657845	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	02-Feb-21
0001657858	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	02-Feb-21
0001657843	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	02-Feb-21
0001657885	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	02-Feb-21
0001657884	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	02-Feb-21
0001657844	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	02-Feb-21
0001657869	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	02-Feb-21
0001657860	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	02-Feb-21
0001657877	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	02-Feb-21
0001657876	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	02-Feb-21
0001657875	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	02-Feb-21
0001657874	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	02-Feb-21
0001657873	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	02-Feb-21
0001657872	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	02-Feb-21
0001657879	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	02-Feb-21
0001657870	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	02-Feb-21
0001657880	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	02-Feb-21
0001657868	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	02-Feb-21
0001657867	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	02-Feb-21
0001657866	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	02-Feb-21
0001657865	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	02-Feb-21
0001657864	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	02-Feb-21
0001657863	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	02-Feb-21
0001657856	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	02-Feb-21
0001657871	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	02-Feb-21
0001657851	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	02-Feb-21
0001657854	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	02-Feb-21
0001657855	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	02-Feb-21
0001657883	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	02-Feb-21
0001657882	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	02-Feb-21
0001657878	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	02-Feb-21
0001657853	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	02-Feb-21
0001657852	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	02-Feb-21
0001657881	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	02-Feb-21
0001657900	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	02-Feb-21
0001426932	67-63-0	ISOPROPYL ALCOHOL	4	Liters(L)	02-Feb-21
0001612859	7782-40-3	DIAMOND	1	Kilograms(KG)	02-Feb-21
0001612860	7782-40-3	DIAMOND	1	Kilograms(KG)	03-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001612862	-	5-bromo-4-chloro-3-indolyl Beta-D-galactopyranoside (X-Gal)	1	Gram(GM)	03-Feb-21
0001612863	693-07-2	2-CHLOROETHYLETHYLSULFIDE	5	Gram(GM)	03-Feb-21
0001612864	143-19-1	SODIUM OLEATE	1	Gram(GM)	03-Feb-21
0001612865	-	Y022H (2000ppm Na+ standard solution)	14	Milliliter(ML)	03-Feb-21
0001612861	-	TRACEABLE CONDUCTIVITY STANDARD	100	Milliliter(ML)	03-Feb-21
0001612866	7761-88-8	SILVER NITRATE	25	Gram(GM)	03-Feb-21
0001612867	-	Buffer Solution pH 4.00 Color-Coded Red Certified	500	Milliliter(ML)	03-Feb-21
0001612869	-	Buffer Solution pH 4.00 Color-Coded Red Certified	500	Milliliter(ML)	03-Feb-21
0001612868	-	Buffer Solution pH 4.00 Color-Coded Red Certified	500	Milliliter(ML)	03-Feb-21
0001612870	-	Buffer Solution pH 7.00 Color-Coded Yellow Certified	500	Milliliter(ML)	03-Feb-21
0001612871	-	Buffer Solution pH 7.00 Color-Coded Yellow Certified	500	Milliliter(ML)	03-Feb-21
0001612872	-	Buffer Solution pH 7.00 Color-Coded Yellow Certified	500	Milliliter(ML)	03-Feb-21
0001612873	-	BUFFER SOLUTION PH 10.00 COLOR-CODED BLUE SB115-4; SB115-20; SB115-500	500	Milliliter(ML)	03-Feb-21
0001612874	-	BUFFER SOLUTION PH 10.00 COLOR-CODED BLUE SB115-4; SB115-20; SB115-500	500	Milliliter(ML)	03-Feb-21
0001612875	-	BUFFER SOLUTION PH 10.00 COLOR-CODED BLUE SB115-4; SB115-20; SB115-500	500	Milliliter(ML)	03-Feb-21
0001612876	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	03-Feb-21
0001612898	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	03-Feb-21
0001612893	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	03-Feb-21
0001612899	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	03-Feb-21
0001612897	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	03-Feb-21
0001612896	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	03-Feb-21
0001612895	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	03-Feb-21
0001612877	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	03-Feb-21
0001612892	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	03-Feb-21
0001612891	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	03-Feb-21
0001612890	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	03-Feb-21
0001612889	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	03-Feb-21
0001612888	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	03-Feb-21
0001612879	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	03-Feb-21
0001612894	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	03-Feb-21
0001612878	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	03-Feb-21
0001612887	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	03-Feb-21
0001612880	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	03-Feb-21
0001612881	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	03-Feb-21
0001612882	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	03-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001612883	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	03-Feb-21
0001612884	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	03-Feb-21
0001612885	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	03-Feb-21
0001612886	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	03-Feb-21
0001612900	-	TRACEABLE CONDUCTIVITY STANDARD	100	Milliliter(ML)	03-Feb-21
0001612901	140-22-7	DIPHENYL CARBAZIDE	500	Milliliter(ML)	03-Feb-21
0001612902	10026-22-9	COBALT(II) NITRATE HEXAHYDRATE	100	Gram(GM)	03-Feb-21
0001612903	1493-13-6	TRIFLUOROMETHANESULONIC ACID	50	Gram(GM)	03-Feb-21
0001612904	4165-56-4	1 4-DIBROMOBENZENE-D4	5	Gram(GM)	03-Feb-21
0001612906	4165-56-4	1 4-DIBROMOBENZENE-D4	5	Gram(GM)	03-Feb-21
0001612908	4165-56-4	1 4-DIBROMOBENZENE-D4	5	Gram(GM)	03-Feb-21
0001612913	4165-56-4	1 4-DIBROMOBENZENE-D4	5	Gram(GM)	03-Feb-21
0001612912	4165-56-4	1 4-DIBROMOBENZENE-D4	5	Gram(GM)	03-Feb-21
0001612911	4165-56-4	1 4-DIBROMOBENZENE-D4	5	Gram(GM)	03-Feb-21
0001612910	4165-56-4	1 4-DIBROMOBENZENE-D4	5	Gram(GM)	03-Feb-21
0001612909	4165-56-4	1 4-DIBROMOBENZENE-D4	5	Gram(GM)	03-Feb-21
0001612907	4165-56-4	1 4-DIBROMOBENZENE-D4	5	Gram(GM)	03-Feb-21
0001612905	4165-56-4	1 4-DIBROMOBENZENE-D4	5	Gram(GM)	03-Feb-21
0001612914	108-88-3	TOLUENE ANHYDROUS	2	Liters(L)	03-Feb-21
0001612915	2052-49-5	TETRABUTYLAMMONIUM HYDROXIDE	500	Milliliter(ML)	03-Feb-21
0001612916	95-63-6	PERMAFLUOR E	1	Liters(L)	03-Feb-21
0001640111	-	White Threadlocker	50	Milliliter(ML)	03-Feb-21
0001612917	-	CARBO-SORB	1	Liters(L)	03-Feb-21
0001640112	-	White Threadlocker	50	Milliliter(ML)	03-Feb-21
0001640249	-	LPS PRESOLVE CLEANER/DEGREASER	20	Ounces(OZ)	03-Feb-21
0001640260	-	LPS PRESOLVE CLEANER/DEGREASER	20	Ounces(OZ)	03-Feb-21
0001640692	-	Synergy 735	55	Gallon(GAL)	03-Feb-21
0001640693	-	Synergy 735	55	Gallon(GAL)	03-Feb-21
0001640989	-	Stihl HP 2-Cycle Engine Oil	6.4	Ounces(OZ)	03-Feb-21
0001612918	62-31-7	DOPAMINE HYDROCHLORIDE	25	Gram(GM)	03-Feb-21
0001640997	-	Stihl HP 2-Cycle Engine Oil	6.4	Ounces(OZ)	03-Feb-21
0001640993	-	Stihl HP 2-Cycle Engine Oil	6.4	Ounces(OZ)	03-Feb-21
0001640994	-	Stihl HP 2-Cycle Engine Oil	6.4	Ounces(OZ)	03-Feb-21
0001640995	-	Stihl HP 2-Cycle Engine Oil	6.4	Ounces(OZ)	03-Feb-21
0001640996	-	Stihl HP 2-Cycle Engine Oil	6.4	Ounces(OZ)	03-Feb-21
0001640992	-	Stihl HP 2-Cycle Engine Oil	6.4	Ounces(OZ)	03-Feb-21
0001640991	-	Stihl HP 2-Cycle Engine Oil	6.4	Ounces(OZ)	03-Feb-21
0001640990	-	Stihl HP 2-Cycle Engine Oil	6.4	Ounces(OZ)	03-Feb-21
0001612919	3375-31-3	PALLADIUM(II) ACETATE	25	Gram(GM)	03-Feb-21
0001640983	-	STIHL PLATINUM BAR & CHAIN LUBRICANT	1	Quarts(QT)	03-Feb-21
0001640986	-	STIHL PLATINUM BAR & CHAIN LUBRICANT	1	Quarts(QT)	03-Feb-21
0001640988	-	STIHL PLATINUM BAR & CHAIN LUBRICANT	1	Quarts(QT)	03-Feb-21
0001640987	-	STIHL PLATINUM BAR & CHAIN LUBRICANT	1	Quarts(QT)	03-Feb-21
0001640985	-	STIHL PLATINUM BAR & CHAIN LUBRICANT	1	Quarts(QT)	03-Feb-21
0001640984	-	STIHL PLATINUM BAR & CHAIN LUBRICANT	1	Quarts(QT)	03-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001612920	25988-63-0	POLY-L-LYSINE	50	Milliliter(ML)	03-Feb-21
0001612922	67-63-0	ISOPROPYL ALCOHOL	20	Liters(L)	03-Feb-21
0001612924	67-63-0	ISOPROPYL ALCOHOL	20	Liters(L)	03-Feb-21
0001612925	67-63-0	ISOPROPYL ALCOHOL	20	Liters(L)	03-Feb-21
0001612923	67-63-0	ISOPROPYL ALCOHOL	20	Liters(L)	03-Feb-21
0001640113	-	DYKEM SPRAY STEEL BLUE LAYOUT FLUID	8	Ounces(OZ)	03-Feb-21
0001640114	-	DYKEM RED LAYOUT FLUID	8	Ounces(OZ)	03-Feb-21
0001612926	-	OMEGATHERM 201 HIGH-TEMP HIGH THERMAL CONDUCTIVITY PASTE	2	Ounces(OZ)	03-Feb-21
0001612927	-	OMEGATHERM 201 HIGH-TEMP HIGH THERMAL CONDUCTIVITY PASTE	2	Ounces(OZ)	03-Feb-21
0001612928	-	OMEGATHERM 201 HIGH-TEMP HIGH THERMAL CONDUCTIVITY PASTE	2	Ounces(OZ)	03-Feb-21
0001612930	-	OMEGATHERM 201 HIGH-TEMP HIGH THERMAL CONDUCTIVITY PASTE	2	Ounces(OZ)	03-Feb-21
0001612929	-	OMEGATHERM 201 HIGH-TEMP HIGH THERMAL CONDUCTIVITY PASTE	2	Ounces(OZ)	03-Feb-21
0001612045	17609-47-1	L-Valine ethyl ester hydrochloride	25	Gram(GM)	03-Feb-21
0001612698	7782-40-3	DIAMOND	1000	Gram(GM)	03-Feb-21
0001612699	7782-40-3	DIAMOND	1000	Gram(GM)	03-Feb-21
0001612931	71-30-7	CYTOSINE	100	Gram(GM)	03-Feb-21
0001612932	-	4226 Super Corona Dope	55	Milliliter(ML)	03-Feb-21
0001612933	12069-32-8	BORON CARBIDE	1	Kilograms(KG)	03-Feb-21
0001612934	-	BUFFER SOLUTION PH 10.00 COLOR-CODED BLUE SB115-4; SB115-20; SB115-500	500	Milliliter(ML)	03-Feb-21
0001612935	-	BUFFER SOLUTION PH 10.00 COLOR-CODED BLUE SB115-4; SB115-20; SB115-500	500	Milliliter(ML)	03-Feb-21
0001612936	-	Buffer Solution pH 7.00 (Certified)	500	Milliliter(ML)	03-Feb-21
0001612937	-	Buffer Solution pH 7.00 (Certified)	500	Milliliter(ML)	03-Feb-21
0001612938	-	ULTRALANE THINNER	1	Quarts(QT)	03-Feb-21
0001612939	-	ULTRALANE THINNER	1	Quarts(QT)	03-Feb-21
0001612940	141-78-6	ETHYL ACETATE	4	Liters(L)	03-Feb-21
0001612941	-	Hydrochloric Acid	500	Milliliter(ML)	03-Feb-21
0001612942	-	ULTIMA GOLD	10	Liters(L)	03-Feb-21
0001612954	12069-32-8	Boron Carbide Powder	100	Pounds(LB)	03-Feb-21
0001612955	12069-32-8	Boron Carbide Powder	100	Pounds(LB)	03-Feb-21
0001612956	110-82-7	CYCLOHEXANE ANHYDROUS 99.5%	100	Milliliter(ML)	03-Feb-21
0001612943	-	ULTIMA GOLD	10	Liters(L)	04-Feb-21
0001612945	-	ULTIMA GOLD	10	Liters(L)	04-Feb-21
0001612951	-	ULTIMA GOLD	10	Liters(L)	04-Feb-21
0001612947	-	ULTIMA GOLD	10	Liters(L)	04-Feb-21
0001612952	-	ULTIMA GOLD	10	Liters(L)	04-Feb-21
0001612950	-	ULTIMA GOLD	10	Liters(L)	04-Feb-21
0001612949	-	ULTIMA GOLD	10	Liters(L)	04-Feb-21
0001612948	-	ULTIMA GOLD	10	Liters(L)	04-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001612946	-	ULTIMA GOLD	10	Liters(L)	04-Feb-21
0001612944	-	ULTIMA GOLD	10	Liters(L)	04-Feb-21
0001612953	-	ULTIMA GOLD	10	Liters(L)	04-Feb-21
0001612764	-	Platinum-ruthenium alloy on graphitized carbon	1	Gram(GM)	05-Feb-21
0001612959	586-91-4	Azobenzene-4 4'-dicarboxylic acid	5	Gram(GM)	05-Feb-21
0001612960	586-91-4	Azobenzene-4 4'-dicarboxylic acid	5	Gram(GM)	05-Feb-21
0001612961	1849-27-0	1 4-BIS(PHENYLETHYNYL)BENZENE	25	Gram(GM)	05-Feb-21
0001612962	1849-27-0	1 4-BIS(PHENYLETHYNYL)BENZENE	25	Gram(GM)	05-Feb-21
0001612963	108-88-3	TOLUENE	1	Liters(L)	05-Feb-21
0001612964	25114-58-3	INDIUM (III) ACETATE	10	Gram(GM)	05-Feb-21
0001612965	112-95-8	EICOSANE	5	Gram(GM)	05-Feb-21
0001612966	150-76-5	4-METHOXYPHENOL	25	Gram(GM)	05-Feb-21
0001612957	10043-11-5	Cubic Boron Nitride (CBN)	1000	Gram(GM)	05-Feb-21
0001612958	10043-11-5	Cubic Boron Nitride (CBN)	1000	Gram(GM)	05-Feb-21
0001612967	7631-86-9	Silica gel 60 (0.040-0.063 mm)	1	Kilograms(KG)	05-Feb-21
0001612968	75-05-8	ACETONITRILE	4	Liters(L)	05-Feb-21
0001612971	75-05-8	ACETONITRILE	4	Liters(L)	05-Feb-21
0001612970	75-05-8	ACETONITRILE	4	Liters(L)	05-Feb-21
0001612969	75-05-8	ACETONITRILE	4	Liters(L)	05-Feb-21
0001612972	7697-37-2	NITRIC ACID	500	Milliliter(ML)	05-Feb-21
0001612973	7697-37-2	NITRIC ACID	500	Milliliter(ML)	05-Feb-21
0001612974	-	ANION EXCHANGE RESIN	500	Gram(GM)	05-Feb-21
0001612975	-	ANION EXCHANGE RESIN	500	Gram(GM)	05-Feb-21
0001612976	7697-37-2	NITRIC ACID	1	Liters(L)	05-Feb-21
0001610550	-	LANL-CAL-18	500	Milliliter(ML)	05-Feb-21
0001610551	-	LANL-CAL-18	500	Milliliter(ML)	05-Feb-21
0001612977	19230-28-5	1 3-Dichloro-2-iodobenzene	25	Gram(GM)	05-Feb-21
0001612978	-	SIMPLE GREEN STAINLESS STEEL ONE-STEP CLEANER & POLISH	32	Ounces(OZ)	05-Feb-21
0001612983	-	SIMPLE GREEN STAINLESS STEEL ONE-STEP CLEANER & POLISH	32	Ounces(OZ)	05-Feb-21
0001612982	-	SIMPLE GREEN STAINLESS STEEL ONE-STEP CLEANER & POLISH	32	Ounces(OZ)	05-Feb-21
0001612981	-	SIMPLE GREEN STAINLESS STEEL ONE-STEP CLEANER & POLISH	32	Ounces(OZ)	05-Feb-21
0001612979	-	SIMPLE GREEN STAINLESS STEEL ONE-STEP CLEANER & POLISH	32	Ounces(OZ)	05-Feb-21
0001612980	-	SIMPLE GREEN STAINLESS STEEL ONE-STEP CLEANER & POLISH	32	Ounces(OZ)	05-Feb-21
0001610552	12055-62-8	HOLMIUM OXIDE	2	Milliliter(ML)	05-Feb-21
0001612984	-	BRANSON IS CLEANER / DEGREASER	1	Gallon(GAL)	05-Feb-21
0001612988	-	CARGILLE IMMERSION OIL TYPES A & B CODE 1248	16	Ounces(OZ)	05-Feb-21
0001612989	7647-14-5	SODIUM CHLORIDE CERTIFIED ACS	10	Kilograms(KG)	05-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001612990	-	Hydrochloric Acid	500	Milliliter(ML)	05-Feb-21
0001612991	-	Hydrochloric Acid	500	Milliliter(ML)	05-Feb-21
0001576975	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001612992	-	SULFURIC ACID SOLUTION	1	Liters(L)	05-Feb-21
0001577008	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577018	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577029	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577007	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577009	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577010	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577011	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577012	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577013	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577014	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577015	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577004	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577017	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577003	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577019	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577020	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577022	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577006	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577024	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577025	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577026	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577027	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001576981	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577016	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001576993	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001576982	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001576983	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001576984	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001576985	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001576986	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001576987	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001576988	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001576989	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001576990	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577005	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001576992	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577030	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001576994	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001576995	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001576996	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001576997	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001576998	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001576999	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577000	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577001	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577002	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001576991	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577065	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577028	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577055	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577056	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577057	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577058	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577059	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577060	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577061	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577062	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577053	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577064	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577052	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577066	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577067	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577068	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577069	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577070	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577071	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577072	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577073	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577074	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577063	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577042	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577031	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577032	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577033	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577034	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577035	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577036	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577037	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577038	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577039	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577054	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577041	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577021	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577043	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577044	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577045	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001577046	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577047	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577048	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577049	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577050	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577051	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577040	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001576979	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001576978	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001576976	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001576977	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577023	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001576980	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577075	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577078	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577077	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
0001577076	-	ARDEX-V-1200	50	Pounds(LB)	05-Feb-21
V000007BAD	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	05-Feb-21
V000007BB1	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	05-Feb-21
V000007BB0	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	05-Feb-21
V000007B9A	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	05-Feb-21
V000007BAE	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	05-Feb-21
V000007BAC	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	05-Feb-21
V000007BAB	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	05-Feb-21
V000007BAA	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	05-Feb-21
V000007BA9	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	05-Feb-21
V000007BA8	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	05-Feb-21
V000007BA7	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	05-Feb-21
V000007BA6	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	05-Feb-21
V000007BA4	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	05-Feb-21
V000007BA3	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	05-Feb-21
V000007BA2	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	05-Feb-21
V000007BA1	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	05-Feb-21
V000007BA0	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	05-Feb-21
V000007B9F	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	05-Feb-21
V000007B9E	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	05-Feb-21
V000007B9D	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	05-Feb-21
V000007B9C	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	05-Feb-21
V000007B9B	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	05-Feb-21
V000007BAF	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	05-Feb-21
V000007BA5	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	05-Feb-21
0001576969	-	Blue Def	2.5	Gallon(GAL)	05-Feb-21
0001576973	-	Blue Def	2.5	Gallon(GAL)	05-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001576972	-	Blue Def	2.5	Gallon(GAL)	05-Feb-21
0001576970	-	Blue Def	2.5	Gallon(GAL)	05-Feb-21
0001576971	-	Blue Def	2.5	Gallon(GAL)	05-Feb-21
0001612993	-	Bismuth ICP Standard 10 000 ppm Bi in 5% HNO3	50	Milliliter(ML)	05-Feb-21
0001576287	-	ARDEX FEATHER FINISH	10	Pounds(LB)	05-Feb-21
0001576291	-	ARDEX FEATHER FINISH	10	Pounds(LB)	05-Feb-21
0001576297	-	ARDEX FEATHER FINISH	10	Pounds(LB)	05-Feb-21
0001576306	-	ARDEX FEATHER FINISH	10	Pounds(LB)	05-Feb-21
0001576307	-	ARDEX FEATHER FINISH	10	Pounds(LB)	05-Feb-21
0001576305	-	ARDEX FEATHER FINISH	10	Pounds(LB)	05-Feb-21
0001576304	-	ARDEX FEATHER FINISH	10	Pounds(LB)	05-Feb-21
0001576303	-	ARDEX FEATHER FINISH	10	Pounds(LB)	05-Feb-21
0001576302	-	ARDEX FEATHER FINISH	10	Pounds(LB)	05-Feb-21
0001576301	-	ARDEX FEATHER FINISH	10	Pounds(LB)	05-Feb-21
0001576300	-	ARDEX FEATHER FINISH	10	Pounds(LB)	05-Feb-21
0001576299	-	ARDEX FEATHER FINISH	10	Pounds(LB)	05-Feb-21
0001576298	-	ARDEX FEATHER FINISH	10	Pounds(LB)	05-Feb-21
0001576288	-	ARDEX FEATHER FINISH	10	Pounds(LB)	05-Feb-21
0001576295	-	ARDEX FEATHER FINISH	10	Pounds(LB)	05-Feb-21
0001576294	-	ARDEX FEATHER FINISH	10	Pounds(LB)	05-Feb-21
0001576292	-	ARDEX FEATHER FINISH	10	Pounds(LB)	05-Feb-21
0001576290	-	ARDEX FEATHER FINISH	10	Pounds(LB)	05-Feb-21
0001576289	-	ARDEX FEATHER FINISH	10	Pounds(LB)	05-Feb-21
0001576296	-	ARDEX FEATHER FINISH	10	Pounds(LB)	05-Feb-21
0001576293	-	ARDEX FEATHER FINISH	10	Pounds(LB)	05-Feb-21
0001612994	7439-91-0	LANTHANUM	100	Gram(GM)	05-Feb-21
0001612997	7439-91-0	LANTHANUM	100	Gram(GM)	05-Feb-21
0001612998	7439-91-0	LANTHANUM	100	Gram(GM)	05-Feb-21
0001612996	7439-91-0	LANTHANUM	100	Gram(GM)	05-Feb-21
0001612995	7439-91-0	LANTHANUM	100	Gram(GM)	05-Feb-21
0001577079	-	ARDEX FEATHER FINISH	10	Pounds(LB)	05-Feb-21
0001577082	-	ARDEX FEATHER FINISH	10	Pounds(LB)	05-Feb-21
0001577081	-	ARDEX FEATHER FINISH	10	Pounds(LB)	05-Feb-21
0001577080	-	ARDEX FEATHER FINISH	10	Pounds(LB)	05-Feb-21
0001612999	7775-27-1	SODIUM PERSULFATE	1	Kilograms(KG)	05-Feb-21
0001613000	1310-73-2	SODIUM HYDROXIDE	1	Liters(L)	05-Feb-21
0001613003	1310-73-2	SODIUM HYDROXIDE	1	Liters(L)	05-Feb-21
0001613001	1310-73-2	SODIUM HYDROXIDE	1	Liters(L)	05-Feb-21
0001613004	1310-73-2	SODIUM HYDROXIDE	1	Liters(L)	05-Feb-21
0001613002	1310-73-2	SODIUM HYDROXIDE	1	Liters(L)	05-Feb-21
0001613005	1310-73-2	SODIUM HYDROXIDE	1	Liters(L)	05-Feb-21
V000007BB3	-	C-3s Refrigeration Oil (4303)	1	Gallon(GAL)	05-Feb-21
V000007BB4	-	C-3s Refrigeration Oil (4303)	1	Gallon(GAL)	05-Feb-21
V000007BB2	-	C-3s Refrigeration Oil (4303)	1	Gallon(GAL)	05-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001613006	540-37-4	4-IODOANILINE	100	Gram(GM)	05-Feb-21
0001613007	123-72-8	BUTYRALDEHYDE	100	Milliliter(ML)	05-Feb-21
V000007BB6	-	AEROKROIL LUBRICANT SPRAY	10	Ounces(OZ)	05-Feb-21
V000007BB7	-	AEROKROIL LUBRICANT SPRAY	10	Ounces(OZ)	05-Feb-21
V000007BB8	-	AEROKROIL LUBRICANT SPRAY	10	Ounces(OZ)	05-Feb-21
V000007BB9	-	AEROKROIL LUBRICANT SPRAY	10	Ounces(OZ)	05-Feb-21
V000007BBA	-	AEROKROIL LUBRICANT SPRAY	10	Ounces(OZ)	05-Feb-21
V000007BBB	-	AEROKROIL LUBRICANT SPRAY	10	Ounces(OZ)	05-Feb-21
V000007BBC	-	AEROKROIL LUBRICANT SPRAY	10	Ounces(OZ)	05-Feb-21
V000007BBD	-	AEROKROIL LUBRICANT SPRAY	10	Ounces(OZ)	05-Feb-21
V000007BBE	-	AEROKROIL LUBRICANT SPRAY	10	Ounces(OZ)	05-Feb-21
V000007BBF	-	AEROKROIL LUBRICANT SPRAY	10	Ounces(OZ)	05-Feb-21
V000007BC0	-	AEROKROIL LUBRICANT SPRAY	10	Ounces(OZ)	05-Feb-21
V000007BB5	-	AEROKROIL LUBRICANT SPRAY	10	Ounces(OZ)	05-Feb-21
0001613008	-	Tin(IV) oxide 15% in water colloidal dispersion	500	Gram(GM)	05-Feb-21
0001576675	-	INTERIOR/EXTERIOR GLOSSY WHITE ENAMEL	12	Ounces(OZ)	05-Feb-21
0001576682	-	INTERIOR/EXTERIOR GLOSSY WHITE ENAMEL	12	Ounces(OZ)	05-Feb-21
0001576676	-	INTERIOR/EXTERIOR GLOSSY WHITE ENAMEL	12	Ounces(OZ)	05-Feb-21
0001576677	-	INTERIOR/EXTERIOR GLOSSY WHITE ENAMEL	12	Ounces(OZ)	05-Feb-21
0001576678	-	INTERIOR/EXTERIOR GLOSSY WHITE ENAMEL	12	Ounces(OZ)	05-Feb-21
0001576679	-	INTERIOR/EXTERIOR GLOSSY WHITE ENAMEL	12	Ounces(OZ)	05-Feb-21
0001576680	-	INTERIOR/EXTERIOR GLOSSY WHITE ENAMEL	12	Ounces(OZ)	05-Feb-21
0001576683	-	INTERIOR/EXTERIOR GLOSSY WHITE ENAMEL	12	Ounces(OZ)	05-Feb-21
0001576684	-	INTERIOR/EXTERIOR GLOSSY WHITE ENAMEL	12	Ounces(OZ)	05-Feb-21
0001576685	-	INTERIOR/EXTERIOR GLOSSY WHITE ENAMEL	12	Ounces(OZ)	05-Feb-21
0001576681	-	INTERIOR/EXTERIOR GLOSSY WHITE ENAMEL	12	Ounces(OZ)	05-Feb-21
0001576686	-	INTERIOR/EXTERIOR GLOSSY WHITE ENAMEL	12	Ounces(OZ)	05-Feb-21
0001577083	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001577084	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001577086	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001577087	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001577088	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001577089	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001577090	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001577085	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001577092	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001577094	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001577095	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001577096	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001577097	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001577098	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001577091	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001577093	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001577099	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001577136	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001577102	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001577101	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001577130	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001577131	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001577132	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001577100	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001577133	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001577135	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001577128	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001577129	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001577134	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001577118	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001577121	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001577122	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001577123	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001577124	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001577103	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001577108	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001577114	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001577104	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001577126	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001577115	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001577120	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001577117	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001577125	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001577119	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001577113	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001577112	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001577111	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001577127	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001577110	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001577109	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001577107	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001577106	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001577105	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001577116	497-19-8	SODIUM CARBONATE (SODA ASH)	50	Pounds(LB)	05-Feb-21
0001612987	-	BRANSON IS CLEANER / DEGREASER	1	Gallon(GAL)	08-Feb-21
0001612985	-	BRANSON IS CLEANER / DEGREASER	1	Gallon(GAL)	08-Feb-21
0001612986	-	BRANSON IS CLEANER / DEGREASER	1	Gallon(GAL)	08-Feb-21
0001456688	-	MS-122E PTFE Release Agent/Dry Lubricant	12	Ounces(OZ)	08-Feb-21
0001456689	-	MS-122SE PTFE Release Agent/Dry Lubricant	12	Ounces(OZ)	08-Feb-21
0001456690	-	MS-122SE PTFE Release Agent/Dry Lubricant	12	Ounces(OZ)	08-Feb-21
0001456691	-	MS-122SE PTFE Release Agent/Dry Lubricant	12	Ounces(OZ)	08-Feb-21
0001456692	-	MS-122ADL PTFE Release Agent/Dry Lubricant	12	Ounces(OZ)	08-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001456695	-	MS-122ADL PTFE Release Agent/Dry Lubricant	12	Ounces(OZ)	08-Feb-21
0001456701	-	MS-122ADL PTFE Release Agent/Dry Lubricant	12	Ounces(OZ)	08-Feb-21
0001456700	-	MS-122ADL PTFE Release Agent/Dry Lubricant	12	Ounces(OZ)	08-Feb-21
0001456699	-	MS-122ADL PTFE Release Agent/Dry Lubricant	12	Ounces(OZ)	08-Feb-21
0001456698	-	MS-122ADL PTFE Release Agent/Dry Lubricant	12	Ounces(OZ)	08-Feb-21
0001456696	-	MS-122ADL PTFE Release Agent/Dry Lubricant	12	Ounces(OZ)	08-Feb-21
0001456694	-	MS-122ADL PTFE Release Agent/Dry Lubricant	12	Ounces(OZ)	08-Feb-21
0001456693	-	MS-122ADL PTFE Release Agent/Dry Lubricant	12	Ounces(OZ)	08-Feb-21
0001456697	-	MS-122ADL PTFE Release Agent/Dry Lubricant	12	Ounces(OZ)	08-Feb-21
0001456714	68937-55-3	BLUESIL THIXO ADD 22646	250	Milliliter(ML)	08-Feb-21
0001576747	-	MOBIL SHC GEAR 460	35	Pounds(LB)	08-Feb-21
0001576751	-	MOBIL SHC GEAR 460	35	Pounds(LB)	08-Feb-21
0001576748	-	MOBIL SHC GEAR 460	35	Pounds(LB)	08-Feb-21
0001576750	-	MOBIL SHC GEAR 460	35	Pounds(LB)	08-Feb-21
0001576752	-	MOBIL SHC GEAR 460	35	Pounds(LB)	08-Feb-21
0001576749	-	MOBIL SHC GEAR 460	35	Pounds(LB)	08-Feb-21
0001627216	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	08-Feb-21
0001627223	-	Windex Foaming Glass Cleaner	19.7	Ounces(OZ)	08-Feb-21
0001627228	-	Windex Foaming Glass Cleaner	19.7	Ounces(OZ)	08-Feb-21
0001627217	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	08-Feb-21
0001627218	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	08-Feb-21
0001627219	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	08-Feb-21
0001627220	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	08-Feb-21
0001627221	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	08-Feb-21
0001627222	-	Windex Foaming Glass Cleaner	19.7	Ounces(OZ)	08-Feb-21
0001627225	-	Windex Foaming Glass Cleaner	19.7	Ounces(OZ)	08-Feb-21
0001627227	-	Windex Foaming Glass Cleaner	19.7	Ounces(OZ)	08-Feb-21
0001627229	-	Windex Foaming Glass Cleaner	19.7	Ounces(OZ)	08-Feb-21
0001627230	-	Windex Foaming Glass Cleaner	19.7	Ounces(OZ)	08-Feb-21
0001627231	-	Windex Foaming Glass Cleaner	19.7	Ounces(OZ)	08-Feb-21
0001627224	-	Windex Foaming Glass Cleaner	19.7	Ounces(OZ)	08-Feb-21
0001627226	-	Windex Foaming Glass Cleaner	19.7	Ounces(OZ)	08-Feb-21
0001627348	-	PYROIL BRAKE PARTS CLEANE	13	Ounces(OZ)	08-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001627356	-	PYROIL BRAKE PARTS CLEANE	13	Ounces(OZ)	08-Feb-21
0001627355	-	PYROIL BRAKE PARTS CLEANE	13	Ounces(OZ)	08-Feb-21
0001627354	-	PYROIL BRAKE PARTS CLEANE	13	Ounces(OZ)	08-Feb-21
0001627353	-	PYROIL BRAKE PARTS CLEANE	13	Ounces(OZ)	08-Feb-21
0001627352	-	PYROIL BRAKE PARTS CLEANE	13	Ounces(OZ)	08-Feb-21
0001627351	-	PYROIL BRAKE PARTS CLEANE	13	Ounces(OZ)	08-Feb-21
0001627350	-	PYROIL BRAKE PARTS CLEANE	13	Ounces(OZ)	08-Feb-21
0001627349	-	PYROIL BRAKE PARTS CLEANE	13	Ounces(OZ)	08-Feb-21
0001627357	-	PYROIL BRAKE PARTS CLEANE	13	Ounces(OZ)	08-Feb-21
0001627358	-	WHITE LITHIUM GREASE	10	Ounces(OZ)	08-Feb-21
0001627360	-	WHITE LITHIUM GREASE	10	Ounces(OZ)	08-Feb-21
0001627359	-	WHITE LITHIUM GREASE	10	Ounces(OZ)	08-Feb-21
0001627361	-	WHITE LITHIUM GREASE	10	Ounces(OZ)	08-Feb-21
0001627362	-	WHITE LITHIUM GREASE	10	Ounces(OZ)	08-Feb-21
0001627363	-	Brakleen Brake Parts Cleaner - Non-chlorinated (aerosol)	510	Gram(GM)	08-Feb-21
0001627365	-	Brakleen Brake Parts Cleaner - Non-chlorinated (aerosol)	510	Gram(GM)	08-Feb-21
0001627364	-	Brakleen Brake Parts Cleaner - Non-chlorinated (aerosol)	510	Gram(GM)	08-Feb-21
0001627366	-	Valvoline AW 32 HYDRAULIC OIL	5	Gallon(GAL)	08-Feb-21
0001627367	-	Valvoline AW 32 HYDRAULIC OIL	5	Gallon(GAL)	08-Feb-21
0001627368	-	Valvoline AW 32 HYDRAULIC OIL	5	Gallon(GAL)	08-Feb-21
V000007BC4	-	Prestone De-Icer Windshield Washer Additive with Dirt Blocker	1	Gallon(GAL)	08-Feb-21
V000007BC3	-	Prestone De-Icer Windshield Washer Additive with Dirt Blocker	1	Gallon(GAL)	08-Feb-21
V000007BCD	-	Prestone De-Icer Windshield Washer Additive with Dirt Blocker	1	Gallon(GAL)	08-Feb-21
V000007BC2	-	Prestone De-Icer Windshield Washer Additive with Dirt Blocker	1	Gallon(GAL)	08-Feb-21
V000007BD3	-	Prestone De-Icer Windshield Washer Additive with Dirt Blocker	1	Gallon(GAL)	08-Feb-21
V000007BD2	-	Prestone De-Icer Windshield Washer Additive with Dirt Blocker	1	Gallon(GAL)	08-Feb-21
V000007BD1	-	Prestone De-Icer Windshield Washer Additive with Dirt Blocker	1	Gallon(GAL)	08-Feb-21
V000007BD0	-	Prestone De-Icer Windshield Washer Additive with Dirt Blocker	1	Gallon(GAL)	08-Feb-21
V000007BCE	-	Prestone De-Icer Windshield Washer Additive with Dirt Blocker	1	Gallon(GAL)	08-Feb-21
V000007BCC	-	Prestone De-Icer Windshield Washer Additive with Dirt Blocker	1	Gallon(GAL)	08-Feb-21
V000007BCB	-	Prestone De-Icer Windshield Washer Additive with Dirt Blocker	1	Gallon(GAL)	08-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000007BCA	-	Prestone De-Icer Windshield Washer Additive with Dirt Blocker	1	Gallon(GAL)	08-Feb-21
V000007BC9	-	Prestone De-Icer Windshield Washer Additive with Dirt Blocker	1	Gallon(GAL)	08-Feb-21
V000007BC8	-	Prestone De-Icer Windshield Washer Additive with Dirt Blocker	1	Gallon(GAL)	08-Feb-21
V000007BC7	-	Prestone De-Icer Windshield Washer Additive with Dirt Blocker	1	Gallon(GAL)	08-Feb-21
V000007BC6	-	Prestone De-Icer Windshield Washer Additive with Dirt Blocker	1	Gallon(GAL)	08-Feb-21
V000007BC5	-	Prestone De-Icer Windshield Washer Additive with Dirt Blocker	1	Gallon(GAL)	08-Feb-21
V000007BCF	-	Prestone De-Icer Windshield Washer Additive with Dirt Blocker	1	Gallon(GAL)	08-Feb-21
V000007BDD	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	08-Feb-21
V000007BDA	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	08-Feb-21
V000007BDE	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	08-Feb-21
V000007BDC	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	08-Feb-21
V000007BDB	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	08-Feb-21
V000007BD8	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	08-Feb-21
V000007BD7	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	08-Feb-21
V000007BD6	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	08-Feb-21
V000007BD5	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	08-Feb-21
V000007BDF	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	08-Feb-21
V000007BD4	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	08-Feb-21
V000007BD9	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	08-Feb-21
0001577137	-	ARDEX P 4 Primer	1	Gallon(GAL)	08-Feb-21
0001577147	-	ARDEX P 4 Primer	1	Gallon(GAL)	08-Feb-21
0001577146	-	ARDEX P 4 Primer	1	Gallon(GAL)	08-Feb-21
0001577143	-	ARDEX P 4 Primer	1	Gallon(GAL)	08-Feb-21
0001577142	-	ARDEX P 4 Primer	1	Gallon(GAL)	08-Feb-21
0001577144	-	ARDEX P 4 Primer	1	Gallon(GAL)	08-Feb-21
0001577145	-	ARDEX P 4 Primer	1	Gallon(GAL)	08-Feb-21
0001577138	-	ARDEX P 4 Primer	1	Gallon(GAL)	08-Feb-21
0001577139	-	ARDEX P 4 Primer	1	Gallon(GAL)	08-Feb-21
0001577140	-	ARDEX P 4 Primer	1	Gallon(GAL)	08-Feb-21
0001577141	-	ARDEX P 4 Primer	1	Gallon(GAL)	08-Feb-21
0001613011	-	HiPur Denatured Ethanol	1	Gallon(GAL)	09-Feb-21
0001613012	-	HiPur Denatured Ethanol	1	Gallon(GAL)	09-Feb-21
0001613013	728865-23-4	CHIR090	10	Milligram(MG)	09-Feb-21
0001613009	-	HiPur Denatured Ethanol	1	Gallon(GAL)	09-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001613010	-	HiPur Denatured Ethanol	1	Gallon(GAL)	09-Feb-21
0001640640	-	DEVCON 5-MINUTE EPOXY (resin bisphenyl and diglycidyl ether resin 60-100%; hardener propiety)	1.69	Ounces(OZ)	09-Feb-21
0001613014	26628-22-8	Agencourt AMPure XP	60	Milliliter(ML)	09-Feb-21
0001613015	26628-22-8	Agencourt AMPure XP	60	Milliliter(ML)	09-Feb-21
0001640641	-	DEVCON 5-MINUTE EPOXY (resin bisphenyl and diglycidyl ether resin 60-100%; hardener propiety)	1.69	Ounces(OZ)	09-Feb-21
0001640635	-	MOBIL DTE 24	1	Gallon(GAL)	09-Feb-21
0001640636	-	MOBIL DTE 24	1	Gallon(GAL)	09-Feb-21
0001640637	-	MOBIL DTE 24	1	Gallon(GAL)	09-Feb-21
0001640638	-	MOBIL DTE 24	1	Gallon(GAL)	09-Feb-21
0001640639	-	MOBIL DTE 24	1	Gallon(GAL)	09-Feb-21
0001640620	-	DEVCON 5-MINUTE EPOXY (resin bisphenyl and diglycidyl ether resin 60-100%; hardener propiety)	1	Ounces(OZ)	09-Feb-21
0001640621	-	DEVCON 5-MINUTE EPOXY (resin bisphenyl and diglycidyl ether resin 60-100%; hardener propiety)	1	Ounces(OZ)	09-Feb-21
0001640622	-	DEVCON 5-MINUTE EPOXY (resin bisphenyl and diglycidyl ether resin 60-100%; hardener propiety)	1	Ounces(OZ)	09-Feb-21
0001613016	-	PA Tuning Solution Set	200	Milliliter(ML)	09-Feb-21
0001613017	30525-89-4	Image-iT Fixative Solution	100	Milliliter(ML)	09-Feb-21
0001613018	30525-89-4	Image-iT Fixative Solution	100	Milliliter(ML)	09-Feb-21
0001613019	30525-89-4	Image-iT Fixative Solution	100	Milliliter(ML)	09-Feb-21
0001640618	-	FANTASTIK ALL PURPOSE CLEANER	1	Gallon(GAL)	09-Feb-21
0001640646	-	MOBIL DTE 24	5	Gallon(GAL)	09-Feb-21
0001640647	-	MOBIL DTE 24	5	Gallon(GAL)	09-Feb-21
0001640648	-	MOBIL DTE 24	5	Gallon(GAL)	09-Feb-21
0001640649	-	MOBIL DTE 24	5	Gallon(GAL)	09-Feb-21
0001640650	-	MOBIL DTE 24	5	Gallon(GAL)	09-Feb-21
0001540982	7447-40-7	POTASSIUM CHLORIDE	500	Gram(GM)	09-Feb-21
0001540992	-	IRON (II) SULFATE HEPTAHYDRATE	250	Gram(GM)	09-Feb-21
0001540993	13746-66-2	POTASSIUM FERRICYANIDE (POTASSIUM HEXACYANOFERRATE(III))	100	Gram(GM)	09-Feb-21
0001540994	14459-95-1	POTASSIUM FERROCYANIDE TRIHYDRATE [POTASSIUM HEXACYANOFERRATE(II)]	100	Gram(GM)	09-Feb-21
0001613020	-	ACCUDUSTER III	10	Ounces(OZ)	09-Feb-21
0001613024	-	ACCUDUSTER III	10	Ounces(OZ)	09-Feb-21
0001613023	-	ACCUDUSTER III	10	Ounces(OZ)	09-Feb-21
0001613021	-	ACCUDUSTER III	10	Ounces(OZ)	09-Feb-21
0001613025	-	ACCUDUSTER III	10	Ounces(OZ)	09-Feb-21
0001613026	-	ACCUDUSTER III	10	Ounces(OZ)	09-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001613022	-	ACCUDUSTER III	10	Ounces(OZ)	09-Feb-21
0001613028	7782-40-3	DIAMOND	1	Kilograms(KG)	09-Feb-21
0001613029	7782-40-3	DIAMOND	1	Kilograms(KG)	09-Feb-21
0001613030	-	Double Bubble Epoxy Extra Fast Setting Red	4	Gram(GM)	09-Feb-21
0001613034	-	DPD TOTAL CHLORINE REAGENT	0.25	Gram(GM)	09-Feb-21
0001613033	-	CARGILLE IMMERSION OIL TYPES A & B CODE 1248	16	Ounces(OZ)	09-Feb-21
0001613035	-	BACTO 2XYT	500	Gram(GM)	09-Feb-21
0001613036	-	BACTO 2XYT	500	Gram(GM)	09-Feb-21
0001613037	-	BACTO 2XYT	500	Gram(GM)	09-Feb-21
0001613038	-	BACTO 2XYT	500	Gram(GM)	09-Feb-21
0001613039	1310-73-2	SODIUM HYDROXIDE	5	Kilograms(KG)	09-Feb-21
0001613040	1310-73-2	SODIUM HYDROXIDE	5	Kilograms(KG)	09-Feb-21
0001613041	141-78-6	ETHYL ACETATE	4	Liters(L)	09-Feb-21
0001613043	141-78-6	ETHYL ACETATE	4	Liters(L)	09-Feb-21
0001613044	141-78-6	ETHYL ACETATE	4	Liters(L)	09-Feb-21
0001613042	141-78-6	ETHYL ACETATE	4	Liters(L)	09-Feb-21
0001613045	7440-04-2	OSMIUM	1	Gram(GM)	09-Feb-21
0001613047	123640-38-0	2 6-Di(1-pyrazolyl)pyridine	1	Gram(GM)	09-Feb-21
0001613048	-	DELVAC SYNTHETIC ATF	1	Gallon(GAL)	09-Feb-21
0001658124	74-98-6	PROPANE	100	Pounds(LB)	09-Feb-21
0001658119	74-98-6	PROPANE	50	Pounds(LB)	09-Feb-21
0001658120	74-98-6	PROPANE	50	Pounds(LB)	09-Feb-21
0001658121	74-98-6	PROPANE	50	Pounds(LB)	09-Feb-21
0001658122	74-98-6	PROPANE	50	Pounds(LB)	09-Feb-21
0001658123	74-98-6	PROPANE	50	Pounds(LB)	09-Feb-21
0001658125	-	ARGON GAS	220	Cubic Feet(CF)	09-Feb-21
0001423747	-	JOINT COMPOUND FOR SHEETROCK	5	Gallon(GAL)	09-Feb-21
0001658126	-	ARGON GAS	220	Cubic Feet(CF)	09-Feb-21
0001658128	-	ARGON GAS	220	Cubic Feet(CF)	09-Feb-21
0001658127	-	ARGON GAS	220	Cubic Feet(CF)	09-Feb-21
0001658023	-	ARGON GAS	220	Cubic Feet(CF)	09-Feb-21
0001658006	-	ARGON GAS	220	Cubic Feet(CF)	09-Feb-21
0001658028	-	ARGON GAS	220	Cubic Feet(CF)	09-Feb-21
0001658027	-	ARGON GAS	220	Cubic Feet(CF)	09-Feb-21
0001658026	-	ARGON GAS	220	Cubic Feet(CF)	09-Feb-21
0001658024	-	ARGON GAS	220	Cubic Feet(CF)	09-Feb-21
0001658022	-	ARGON GAS	220	Cubic Feet(CF)	09-Feb-21
0001658021	-	ARGON GAS	220	Cubic Feet(CF)	09-Feb-21
0001658020	-	ARGON GAS	220	Cubic Feet(CF)	09-Feb-21
0001658011	-	ARGON GAS	220	Cubic Feet(CF)	09-Feb-21
0001658007	-	ARGON GAS	220	Cubic Feet(CF)	09-Feb-21
0001658008	-	ARGON GAS	220	Cubic Feet(CF)	09-Feb-21
0001658025	-	ARGON GAS	220	Cubic Feet(CF)	09-Feb-21
0001658010	-	ARGON GAS	220	Cubic Feet(CF)	09-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001658019	-	ARGON GAS	220	Cubic Feet(CF)	09-Feb-21
0001658012	-	ARGON GAS	220	Cubic Feet(CF)	09-Feb-21
0001658013	-	ARGON GAS	220	Cubic Feet(CF)	09-Feb-21
0001658014	-	ARGON GAS	220	Cubic Feet(CF)	09-Feb-21
0001658015	-	ARGON GAS	220	Cubic Feet(CF)	09-Feb-21
0001658016	-	ARGON GAS	220	Cubic Feet(CF)	09-Feb-21
0001658017	-	ARGON GAS	220	Cubic Feet(CF)	09-Feb-21
0001658018	-	ARGON GAS	220	Cubic Feet(CF)	09-Feb-21
0001658009	-	ARGON GAS	220	Cubic Feet(CF)	09-Feb-21
0001658043	-	ARGON GAS	220	Cubic Feet(CF)	09-Feb-21
0001658030	-	ARGON GAS	220	Cubic Feet(CF)	09-Feb-21
0001658050	-	ARGON GAS	220	Cubic Feet(CF)	09-Feb-21
0001658049	-	ARGON GAS	220	Cubic Feet(CF)	09-Feb-21
0001658048	-	ARGON GAS	220	Cubic Feet(CF)	09-Feb-21
0001658047	-	ARGON GAS	220	Cubic Feet(CF)	09-Feb-21
0001658046	-	ARGON GAS	220	Cubic Feet(CF)	09-Feb-21
0001658045	-	ARGON GAS	220	Cubic Feet(CF)	09-Feb-21
0001658044	-	ARGON GAS	220	Cubic Feet(CF)	09-Feb-21
0001658042	-	ARGON GAS	220	Cubic Feet(CF)	09-Feb-21
0001658041	-	ARGON GAS	220	Cubic Feet(CF)	09-Feb-21
0001658040	-	ARGON GAS	220	Cubic Feet(CF)	09-Feb-21
0001658039	-	ARGON GAS	220	Cubic Feet(CF)	09-Feb-21
0001658038	-	ARGON GAS	220	Cubic Feet(CF)	09-Feb-21
0001658037	-	ARGON GAS	220	Cubic Feet(CF)	09-Feb-21
0001658036	-	ARGON GAS	220	Cubic Feet(CF)	09-Feb-21
0001658035	-	ARGON GAS	220	Cubic Feet(CF)	09-Feb-21
0001658034	-	ARGON GAS	220	Cubic Feet(CF)	09-Feb-21
0001658033	-	ARGON GAS	220	Cubic Feet(CF)	09-Feb-21
0001658031	-	ARGON GAS	220	Cubic Feet(CF)	09-Feb-21
0001658029	-	ARGON GAS	220	Cubic Feet(CF)	09-Feb-21
0001658032	-	ARGON GAS	220	Cubic Feet(CF)	09-Feb-21
0001658129	-	25% Carbon Dioxide 75% Argon	220	Cubic Feet(CF)	09-Feb-21
0001658132	-	25% Carbon Dioxide 75% Argon	220	Cubic Feet(CF)	09-Feb-21
0001658131	-	25% Carbon Dioxide 75% Argon	220	Cubic Feet(CF)	09-Feb-21
0001658134	-	25% Carbon Dioxide 75% Argon	220	Cubic Feet(CF)	09-Feb-21
0001658135	-	25% Carbon Dioxide 75% Argon	220	Cubic Feet(CF)	09-Feb-21
0001658133	-	25% Carbon Dioxide 75% Argon	220	Cubic Feet(CF)	09-Feb-21
0001658130	-	25% Carbon Dioxide 75% Argon	220	Cubic Feet(CF)	09-Feb-21
0001658136	-	HYDROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658139	-	HYDROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658138	-	HYDROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658137	-	HYDROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658140	-	Carbon Monoxide Hydrogen	200	Cubic Feet(CF)	09-Feb-21
0001658051	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658105	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001658091	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658092	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658093	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658094	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658095	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658096	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658097	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658098	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658099	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658100	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658101	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658102	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658090	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658104	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658058	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658106	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658107	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658055	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658054	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658056	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658059	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658060	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658057	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658053	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658052	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658103	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658072	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658067	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658068	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658065	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658069	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658064	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658070	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658063	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658089	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658062	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658066	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658071	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658073	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658074	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658087	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658083	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658081	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658061	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658084	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001658075	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658082	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658086	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658080	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658079	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658078	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658088	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658077	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658076	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658085	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001657943	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001657948	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001657944	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001657942	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001657941	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001657940	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001657947	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001657946	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001657945	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658108	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	09-Feb-21
0001658109	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	09-Feb-21
0001658110	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	09-Feb-21
0001658111	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	09-Feb-21
0001658112	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	09-Feb-21
0001658113	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	09-Feb-21
0001658118	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	09-Feb-21
0001658114	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	09-Feb-21
0001658115	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	09-Feb-21
0001658117	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	09-Feb-21
0001658116	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	09-Feb-21
0001657926	7440-59-7	HELIUM GAS	100	Liters(L)	09-Feb-21
0001657927	-	Compressed Air	220	Cubic Feet(CF)	09-Feb-21
0001657929	-	Compressed Air	220	Cubic Feet(CF)	09-Feb-21
0001657928	-	Compressed Air	220	Cubic Feet(CF)	09-Feb-21
0001657930	-	Compressed Air	220	Cubic Feet(CF)	09-Feb-21
0001657931	-	Compressed Air	220	Cubic Feet(CF)	09-Feb-21
0001657934	-	Compressed Air	220	Cubic Feet(CF)	09-Feb-21
0001657933	-	Compressed Air	220	Cubic Feet(CF)	09-Feb-21
0001657932	-	Compressed Air	220	Cubic Feet(CF)	09-Feb-21
0001657939	-	Compressed Air	220	Cubic Feet(CF)	09-Feb-21
0001657938	-	Compressed Air	220	Cubic Feet(CF)	09-Feb-21
0001657937	-	Compressed Air	220	Cubic Feet(CF)	09-Feb-21
0001657936	-	Compressed Air	220	Cubic Feet(CF)	09-Feb-21
0001657935	-	Compressed Air	220	Cubic Feet(CF)	09-Feb-21
0001657949	74-82-8	METHANE	220	Cubic Feet(CF)	09-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001657956	74-82-8	METHANE	220	Cubic Feet(CF)	09-Feb-21
0001657955	74-82-8	METHANE	220	Cubic Feet(CF)	09-Feb-21
0001657950	74-82-8	METHANE	220	Cubic Feet(CF)	09-Feb-21
0001657953	74-82-8	METHANE	220	Cubic Feet(CF)	09-Feb-21
0001657952	74-82-8	METHANE	220	Cubic Feet(CF)	09-Feb-21
0001657951	74-82-8	METHANE	220	Cubic Feet(CF)	09-Feb-21
0001657954	74-82-8	METHANE	220	Cubic Feet(CF)	09-Feb-21
0001657957	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Feb-21
0001657974	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Feb-21
0001657973	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Feb-21
0001657972	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Feb-21
0001657969	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Feb-21
0001657970	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Feb-21
0001657968	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Feb-21
0001657967	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Feb-21
0001657961	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Feb-21
0001657962	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Feb-21
0001657965	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Feb-21
0001657964	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Feb-21
0001657963	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Feb-21
0001657975	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Feb-21
0001657959	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Feb-21
0001657966	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Feb-21
0001657983	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Feb-21
0001657958	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Feb-21
0001657960	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001657989	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Feb-21
0001657988	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Feb-21
0001657987	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Feb-21
0001657985	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Feb-21
0001657984	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Feb-21
0001657976	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Feb-21
0001657982	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Feb-21
0001657981	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Feb-21
0001657980	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Feb-21
0001657979	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Feb-21
0001657978	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Feb-21
0001657977	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Feb-21
0001657986	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Feb-21
0001657971	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Feb-21
0001658000	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Feb-21
0001658005	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Feb-21
0001658004	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Feb-21
0001658003	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Feb-21
0001658001	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Feb-21
0001657999	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Feb-21
0001657998	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Feb-21
0001657997	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001657996	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Feb-21
0001658002	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Feb-21
0001657994	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Feb-21
0001657993	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Feb-21
0001658142	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001658141	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Feb-21
0001613032	-	Double Bubble Epoxy Extra Fast Setting Variety Pack	175	Gram(GM)	09-Feb-21
0001613049	-	Resolve Immersion Oil - Low Viscosity	14.08	Milliliter(ML)	09-Feb-21
0001613052	-	MULTI-ELEMENT SOLUTION 2A	125	Milliliter(ML)	09-Feb-21
0001613053	-	1000 ug/ml Gold	125	Milliliter(ML)	09-Feb-21
0001613066	3513-03-9	Blasticidine S hydrochloride	100	Milligram(MG)	09-Feb-21
0001613067	-	OxiClean Versatile Stain Remover	3	Pounds(LB)	09-Feb-21
0001613069	-	OxiClean Versatile Stain Remover	3	Pounds(LB)	09-Feb-21
0001613068	-	OxiClean Versatile Stain Remover	3	Pounds(LB)	09-Feb-21
0001613071	-	OxiClean Versatile Stain Remover	3	Pounds(LB)	09-Feb-21
0001613070	-	OxiClean Versatile Stain Remover	3	Pounds(LB)	09-Feb-21
0001613050	-	E. coli RNA Polymerase Holoenzyme	0.5	Gram(GM)	09-Feb-21
0001613051	-	E. coli RNA Polymerase Holoenzyme	0.5	Gram(GM)	09-Feb-21
0001613072	-	ALUMINUM CHLORIDE	100	Gram(GM)	10-Feb-21
0001613073	54-85-3	Isoniazid	50	Gram(GM)	10-Feb-21
0001613074	9005-65-6	TWEEN 80 (POLYOXYETHYLENE (20) SORBITAN MONOOLEATE)	25	Milliliter(ML)	10-Feb-21
0001613075	7722-84-1	HYDROGEN PEROXIDE	500	Milliliter(ML)	10-Feb-21
0001613076	-	Carboxyl Fluorescent Particles Nile Red 0.5% w/v 5.0-5.9 um 2 mL	2	Milliliter(ML)	10-Feb-21
0001613077	-	Carboxyl Fluorescent Particles Nile Red 0.5% w/v 10.0-14.0 um 2 mL	2	Milliliter(ML)	10-Feb-21
0001613078	-	Carboxyl Fluorescent Particles Pink 0.5% w/v 5.0-5.9 um 2 mL	2	Milliliter(ML)	10-Feb-21
0001613079	13778-30-8	ZINC NITRATE HYDRATE	25	Gram(GM)	10-Feb-21
0001613080	3240-72-0	5 6-Diaminopyrimidine-2 4-diol	1	Gram(GM)	10-Feb-21
0001613081	-	Phusion High-Fidelity PCR Master Mix with HF Buffer	100	Microliter	10-Feb-21
0001613082	-	PA Tuning Solution Set	200	Milliliter(ML)	10-Feb-21
V000007C06	-	SASHCO BIG STRETCH SEALER	10	Ounces(OZ)	10-Feb-21
V000007C0D	-	SASHCO BIG STRETCH SEALER	10	Ounces(OZ)	10-Feb-21
V000007C0C	-	SASHCO BIG STRETCH SEALER	10	Ounces(OZ)	10-Feb-21
V000007C0B	-	SASHCO BIG STRETCH SEALER	10	Ounces(OZ)	10-Feb-21
V000007C0A	-	SASHCO BIG STRETCH SEALER	10	Ounces(OZ)	10-Feb-21
V000007C09	-	SASHCO BIG STRETCH SEALER	10	Ounces(OZ)	10-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000007C0E	-	SASHCO BIG STRETCH SEALER	10	Ounces(OZ)	10-Feb-21
V000007C07	-	SASHCO BIG STRETCH SEALER	10	Ounces(OZ)	10-Feb-21
V000007C13	-	SASHCO BIG STRETCH SEALER	10	Ounces(OZ)	10-Feb-21
V000007C05	-	SASHCO BIG STRETCH SEALER	10	Ounces(OZ)	10-Feb-21
V000007C04	-	SASHCO BIG STRETCH SEALER	10	Ounces(OZ)	10-Feb-21
V000007C08	-	SASHCO BIG STRETCH SEALER	10	Ounces(OZ)	10-Feb-21
V000007C0F	-	SASHCO BIG STRETCH SEALER	10	Ounces(OZ)	10-Feb-21
V000007C10	-	SASHCO BIG STRETCH SEALER	10	Ounces(OZ)	10-Feb-21
V000007C12	-	SASHCO BIG STRETCH SEALER	10	Ounces(OZ)	10-Feb-21
V000007C14	-	SASHCO BIG STRETCH SEALER	10	Ounces(OZ)	10-Feb-21
V000007C15	-	SASHCO BIG STRETCH SEALER	10	Ounces(OZ)	10-Feb-21
V000007C16	-	SASHCO BIG STRETCH SEALER	10	Ounces(OZ)	10-Feb-21
V000007C17	-	SASHCO BIG STRETCH SEALER	10	Ounces(OZ)	10-Feb-21
V000007C18	-	SASHCO BIG STRETCH SEALER	10	Ounces(OZ)	10-Feb-21
V000007C19	-	SASHCO BIG STRETCH SEALER	10	Ounces(OZ)	10-Feb-21
V000007C03	-	SASHCO BIG STRETCH SEALER	10	Ounces(OZ)	10-Feb-21
V000007BF6	-	SASHCO BIG STRETCH SEALER	10	Ounces(OZ)	10-Feb-21
V000007C11	-	SASHCO BIG STRETCH SEALER	10	Ounces(OZ)	10-Feb-21
V000007BF4	-	SASHCO BIG STRETCH SEALER	10	Ounces(OZ)	10-Feb-21
V000007BEA	-	SASHCO BIG STRETCH SEALER	10	Ounces(OZ)	10-Feb-21
V000007BEB	-	SASHCO BIG STRETCH SEALER	10	Ounces(OZ)	10-Feb-21
V000007BEC	-	SASHCO BIG STRETCH SEALER	10	Ounces(OZ)	10-Feb-21
V000007BED	-	SASHCO BIG STRETCH SEALER	10	Ounces(OZ)	10-Feb-21
V000007BEE	-	SASHCO BIG STRETCH SEALER	10	Ounces(OZ)	10-Feb-21
V000007BEF	-	SASHCO BIG STRETCH SEALER	10	Ounces(OZ)	10-Feb-21
V000007BF0	-	SASHCO BIG STRETCH SEALER	10	Ounces(OZ)	10-Feb-21
V000007BF1	-	SASHCO BIG STRETCH SEALER	10	Ounces(OZ)	10-Feb-21
V000007BF8	-	SASHCO BIG STRETCH SEALER	10	Ounces(OZ)	10-Feb-21
V000007BF3	-	SASHCO BIG STRETCH SEALER	10	Ounces(OZ)	10-Feb-21
V000007C02	-	SASHCO BIG STRETCH SEALER	10	Ounces(OZ)	10-Feb-21
V000007BF5	-	SASHCO BIG STRETCH SEALER	10	Ounces(OZ)	10-Feb-21
V000007BFD	-	SASHCO BIG STRETCH SEALER	10	Ounces(OZ)	10-Feb-21
V000007C01	-	SASHCO BIG STRETCH SEALER	10	Ounces(OZ)	10-Feb-21
V000007C00	-	SASHCO BIG STRETCH SEALER	10	Ounces(OZ)	10-Feb-21
V000007BF2	-	SASHCO BIG STRETCH SEALER	10	Ounces(OZ)	10-Feb-21
V000007BFE	-	SASHCO BIG STRETCH SEALER	10	Ounces(OZ)	10-Feb-21
V000007BFC	-	SASHCO BIG STRETCH SEALER	10	Ounces(OZ)	10-Feb-21
V000007BFB	-	SASHCO BIG STRETCH SEALER	10	Ounces(OZ)	10-Feb-21
V000007BFA	-	SASHCO BIG STRETCH SEALER	10	Ounces(OZ)	10-Feb-21
V000007BF9	-	SASHCO BIG STRETCH SEALER	10	Ounces(OZ)	10-Feb-21
V000007BF7	-	SASHCO BIG STRETCH SEALER	10	Ounces(OZ)	10-Feb-21
V000007BFF	-	SASHCO BIG STRETCH SEALER	10	Ounces(OZ)	10-Feb-21
0001577148	-	ES COMPLEAT OAT 50/50 PREDILUTED; ES COMPLEAT OAT 60/40 PREDILUTED; ES COMPLEAT OAT 40/60 PREDILUTED	1	Gallon(GAL)	10-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001577149	-	ES COMPLEAT OAT 50/50 PREDILUTED; ES COMPLEAT OAT 60/40 PREDILUTED; ES COMPLEAT OAT 40/60 PREDILUTED	1	Gallon(GAL)	10-Feb-21
0001577151	-	ES COMPLEAT OAT 50/50 PREDILUTED; ES COMPLEAT OAT 60/40 PREDILUTED; ES COMPLEAT OAT 40/60 PREDILUTED	1	Gallon(GAL)	10-Feb-21
0001577152	-	ES COMPLEAT OAT 50/50 PREDILUTED; ES COMPLEAT OAT 60/40 PREDILUTED; ES COMPLEAT OAT 40/60 PREDILUTED	1	Gallon(GAL)	10-Feb-21
0001577153	-	ES COMPLEAT OAT 50/50 PREDILUTED; ES COMPLEAT OAT 60/40 PREDILUTED; ES COMPLEAT OAT 40/60 PREDILUTED	1	Gallon(GAL)	10-Feb-21
0001577154	-	ES COMPLEAT OAT 50/50 PREDILUTED; ES COMPLEAT OAT 60/40 PREDILUTED; ES COMPLEAT OAT 40/60 PREDILUTED	1	Gallon(GAL)	10-Feb-21
0001577155	-	ES COMPLEAT OAT 50/50 PREDILUTED; ES COMPLEAT OAT 60/40 PREDILUTED; ES COMPLEAT OAT 40/60 PREDILUTED	1	Gallon(GAL)	10-Feb-21
0001577156	-	ES COMPLEAT OAT 50/50 PREDILUTED; ES COMPLEAT OAT 60/40 PREDILUTED; ES COMPLEAT OAT 40/60 PREDILUTED	1	Gallon(GAL)	10-Feb-21
0001577150	-	ES COMPLEAT OAT 50/50 PREDILUTED; ES COMPLEAT OAT 60/40 PREDILUTED; ES COMPLEAT OAT 40/60 PREDILUTED	1	Gallon(GAL)	10-Feb-21
0001577157	-	Finium DTM-AT S/G Acrylic N/B	1	Gallon(GAL)	10-Feb-21
0001577167	-	Finium DTM-AT S/G Acrylic N/B	1	Gallon(GAL)	10-Feb-21
0001577158	-	Finium DTM-AT S/G Acrylic N/B	1	Gallon(GAL)	10-Feb-21
0001577172	-	Finium DTM-AT S/G Acrylic N/B	1	Gallon(GAL)	10-Feb-21
0001577171	-	Finium DTM-AT S/G Acrylic N/B	1	Gallon(GAL)	10-Feb-21
0001577170	-	Finium DTM-AT S/G Acrylic N/B	1	Gallon(GAL)	10-Feb-21
0001577168	-	Finium DTM-AT S/G Acrylic N/B	1	Gallon(GAL)	10-Feb-21
0001577166	-	Finium DTM-AT S/G Acrylic N/B	1	Gallon(GAL)	10-Feb-21
0001577165	-	Finium DTM-AT S/G Acrylic N/B	1	Gallon(GAL)	10-Feb-21
0001577164	-	Finium DTM-AT S/G Acrylic N/B	1	Gallon(GAL)	10-Feb-21
0001577163	-	Finium DTM-AT S/G Acrylic N/B	1	Gallon(GAL)	10-Feb-21
0001577162	-	Finium DTM-AT S/G Acrylic N/B	1	Gallon(GAL)	10-Feb-21
0001577161	-	Finium DTM-AT S/G Acrylic N/B	1	Gallon(GAL)	10-Feb-21
0001577160	-	Finium DTM-AT S/G Acrylic N/B	1	Gallon(GAL)	10-Feb-21
0001577159	-	Finium DTM-AT S/G Acrylic N/B	1	Gallon(GAL)	10-Feb-21
0001577169	-	Finium DTM-AT S/G Acrylic N/B	1	Gallon(GAL)	10-Feb-21
V000007C25	-	Avalon Premium 100% Acrylic Interior Satin W/B	1	Gallon(GAL)	10-Feb-21
V000007C21	-	Avalon Premium 100% Acrylic Interior Satin W/B	1	Gallon(GAL)	10-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000007C26	-	Avalon Premium 100% Acrylic Interior Satin W/B	1	Gallon(GAL)	10-Feb-21
V000007C24	-	Avalon Premium 100% Acrylic Interior Satin W/B	1	Gallon(GAL)	10-Feb-21
V000007C23	-	Avalon Premium 100% Acrylic Interior Satin W/B	1	Gallon(GAL)	10-Feb-21
V000007C22	-	Avalon Premium 100% Acrylic Interior Satin W/B	1	Gallon(GAL)	10-Feb-21
V000007C1A	-	Avalon Premium 100% Acrylic Interior Satin W/B	1	Gallon(GAL)	10-Feb-21
V000007C27	-	Avalon Premium 100% Acrylic Interior Satin W/B	1	Gallon(GAL)	10-Feb-21
V000007C1B	-	Avalon Premium 100% Acrylic Interior Satin W/B	1	Gallon(GAL)	10-Feb-21
V000007C20	-	Avalon Premium 100% Acrylic Interior Satin W/B	1	Gallon(GAL)	10-Feb-21
V000007C1C	-	Avalon Premium 100% Acrylic Interior Satin W/B	1	Gallon(GAL)	10-Feb-21
V000007C1D	-	Avalon Premium 100% Acrylic Interior Satin W/B	1	Gallon(GAL)	10-Feb-21
V000007C1E	-	Avalon Premium 100% Acrylic Interior Satin W/B	1	Gallon(GAL)	10-Feb-21
V000007C1F	-	Avalon Premium 100% Acrylic Interior Satin W/B	1	Gallon(GAL)	10-Feb-21
V000007C32	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	10-Feb-21
V000007C31	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	10-Feb-21
V000007C37	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	10-Feb-21
V000007C36	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	10-Feb-21
V000007C35	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	10-Feb-21
V000007C33	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	10-Feb-21
V000007C39	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	10-Feb-21
V000007C38	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	10-Feb-21
V000007C29	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	10-Feb-21
V000007C34	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	10-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000007C28	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	10-Feb-21
V000007C2A	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	10-Feb-21
V000007C2B	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	10-Feb-21
V000007C2C	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	10-Feb-21
V000007C2D	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	10-Feb-21
V000007C2E	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	10-Feb-21
V000007C2F	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	10-Feb-21
V000007C30	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	10-Feb-21
0001575488	-	Henry 430 ClearPro Clear VCT Floor Adhesive	5	Gallon(GAL)	10-Feb-21
0001575489	-	Henry 430 ClearPro Clear VCT Floor Adhesive	5	Gallon(GAL)	10-Feb-21
0001577173	-	CHEMSAFE CLEAR (CARB Compliant)	5	Gallon(GAL)	10-Feb-21
0001577175	-	CHEMSAFE CLEAR (CARB Compliant)	5	Gallon(GAL)	10-Feb-21
0001577174	-	CHEMSAFE CLEAR (CARB Compliant)	5	Gallon(GAL)	10-Feb-21
0001577176	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	10-Feb-21
0001577188	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	10-Feb-21
0001577182	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	10-Feb-21
0001577183	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	10-Feb-21
0001577184	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	10-Feb-21
0001577185	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	10-Feb-21
0001577186	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	10-Feb-21
0001577177	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	10-Feb-21
0001577187	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	10-Feb-21
0001577181	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	10-Feb-21
0001577180	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	10-Feb-21
0001577179	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	10-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001577178	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	10-Feb-21
0001577189	-	ARDEX FEATHER FINISH	10	Pounds(LB)	10-Feb-21
0001577195	-	ARDEX FEATHER FINISH	10	Pounds(LB)	10-Feb-21
0001577190	-	ARDEX FEATHER FINISH	10	Pounds(LB)	10-Feb-21
0001577191	-	ARDEX FEATHER FINISH	10	Pounds(LB)	10-Feb-21
0001577192	-	ARDEX FEATHER FINISH	10	Pounds(LB)	10-Feb-21
0001577193	-	ARDEX FEATHER FINISH	10	Pounds(LB)	10-Feb-21
0001577197	-	ARDEX FEATHER FINISH	10	Pounds(LB)	10-Feb-21
0001577198	-	ARDEX FEATHER FINISH	10	Pounds(LB)	10-Feb-21
0001577199	-	ARDEX FEATHER FINISH	10	Pounds(LB)	10-Feb-21
0001577200	-	ARDEX FEATHER FINISH	10	Pounds(LB)	10-Feb-21
0001577194	-	ARDEX FEATHER FINISH	10	Pounds(LB)	10-Feb-21
0001577196	-	ARDEX FEATHER FINISH	10	Pounds(LB)	10-Feb-21
0001613083	-	Scotch Super 77 Multipurpose Spray Adhesive	13.6	Ounces(OZ)	10-Feb-21
0001613085	-	Scotch Super 77 Multipurpose Spray Adhesive	13.6	Ounces(OZ)	10-Feb-21
0001613084	-	Scotch Super 77 Multipurpose Spray Adhesive	13.6	Ounces(OZ)	10-Feb-21
0001613086	148893-10-1	HATU	25	Gram(GM)	10-Feb-21
0001613087	122-62-3	BIS(2-ETHYLHEXYL)SEBACATE	1	Liters(L)	10-Feb-21
0001613088	7782-40-3	DIAMOND	1	Kilograms(KG)	10-Feb-21
0001613089	7782-40-3	DIAMOND	1	Kilograms(KG)	10-Feb-21
0001613090	142-29-0	CYCLOPENTENE	500	Milliliter(ML)	10-Feb-21
0001613091	100-51-6	BENZYL ALCOHOL	100	Milliliter(ML)	10-Feb-21
0001613092	100-51-6	BENZYL ALCOHOL	100	Milliliter(ML)	10-Feb-21
0001613093	2206-27-1	DIMETHYL SULFOXIDE-D6	100	Gram(GM)	10-Feb-21
0001613094	865-49-6	CHLOROFORM-D	100	Gram(GM)	10-Feb-21
0001613095	865-49-6	CHLOROFORM-D	100	Gram(GM)	10-Feb-21
0001613096	25322-68-3	POLYETHYLENE GLYCOL 400	250	Gram(GM)	10-Feb-21
0001613097	7647-14-5	SODIUM CHLORIDE IRRIGATION USP 0.9%	250	Gram(GM)	10-Feb-21
0001613098	7786-30-3	MAGNESIUM CHLORIDE	100	Gram(GM)	10-Feb-21
0001613099	109-97-7	PYRROLE	25	Milliliter(ML)	10-Feb-21
0001613100	80-56-8	ALPHA-PINENE	250	Milliliter(ML)	10-Feb-21
0001613101	78-79-5	ISOPRENE	100	Milliliter(ML)	10-Feb-21
0001613102	100-42-5	STYRENE	100	Milliliter(ML)	10-Feb-21
0001613103	110-00-9	FURAN	100	Milliliter(ML)	10-Feb-21
0001613104	534-22-5	2-METHYLFURAN	100	Milliliter(ML)	10-Feb-21
0001613105	-	SYLGARD 184	16	Ounces(OZ)	10-Feb-21
0001613106	-	SYLGARD 184	16	Ounces(OZ)	10-Feb-21
0001613107	-	SYLGARD 184	16	Ounces(OZ)	10-Feb-21
0001613108	1336-21-6	ammonium hydroxide	250	Milliliter(ML)	10-Feb-21
0001613109	138-59-0	SHIKIMIC ACID (3 4 5-TRIHYDROXY-1-CYCLOHEXENE-1-CARBOXYLIC	25	Gram(GM)	10-Feb-21
0001640643	-	LORD 7550A	1.69	Ounces(OZ)	11-Feb-21
0001640651	-	HYDRAULIC OIL	5	Gallon(GAL)	11-Feb-21
0001640655	-	HYDRAULIC OIL	5	Gallon(GAL)	11-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001640652	-	HYDRAULIC OIL	5	Gallon(GAL)	11-Feb-21
0001640654	-	HYDRAULIC OIL	5	Gallon(GAL)	11-Feb-21
0001640653	-	HYDRAULIC OIL	5	Gallon(GAL)	11-Feb-21
0001640668	-	FS-One Max	10.1	Ounces(OZ)	11-Feb-21
0001640691	-	FS-One Max	10.1	Ounces(OZ)	11-Feb-21
0001640245	-	CP606 Red Flexible Sealant	10.1	Ounces(OZ)	11-Feb-21
0001640248	-	CP606 Red Flexible Sealant	10.1	Ounces(OZ)	11-Feb-21
0001640246	-	CP606 Red Flexible Sealant	10.1	Ounces(OZ)	11-Feb-21
0001640247	-	CP606 Red Flexible Sealant	10.1	Ounces(OZ)	11-Feb-21
0001640598	-	PERMABOND ADHESIVE	1	Ounces(OZ)	11-Feb-21
0001640601	-	PERMABOND ADHESIVE	1	Ounces(OZ)	11-Feb-21
0001640600	-	PERMABOND ADHESIVE	1	Ounces(OZ)	11-Feb-21
0001640599	-	PERMABOND ADHESIVE	1	Ounces(OZ)	11-Feb-21
0001640602	Multi	MOBIL DTE 21	5	Gallon(GAL)	11-Feb-21
0001640603	Multi	MOBIL DTE 21	5	Gallon(GAL)	11-Feb-21
0001640614	118-82-1	Mobil SHC 625 Synthetic Oil	5	Gallon(GAL)	11-Feb-21
0001640615	118-82-1	Mobil SHC 625 Synthetic Oil	5	Gallon(GAL)	11-Feb-21
0001435731	-	Megaloc	1	Pint(PT)	11-Feb-21
0001435732	-	Megaloc	1	Pint(PT)	11-Feb-21
0001435818	-	DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	Gram(GM)	11-Feb-21
0001435819	-	DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	Gram(GM)	11-Feb-21
0001435820	-	DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	Gram(GM)	11-Feb-21
0001435821	-	DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	Gram(GM)	11-Feb-21
0001435822	-	DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	Gram(GM)	11-Feb-21
0001435824	-	DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	Gram(GM)	11-Feb-21
0001435825	-	DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	Gram(GM)	11-Feb-21
0001435826	-	DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	Gram(GM)	11-Feb-21
0001435829	-	DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	Gram(GM)	11-Feb-21
0001435827	-	DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	Gram(GM)	11-Feb-21
0001435828	-	DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	Gram(GM)	11-Feb-21
0001435823	-	DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	Gram(GM)	11-Feb-21
0001435742	-	DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	Gram(GM)	11-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001435750	-	DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	Gram(GM)	11-Feb-21
0001435743	-	DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	Gram(GM)	11-Feb-21
0001435744	-	DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	Gram(GM)	11-Feb-21
0001435745	-	DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	Gram(GM)	11-Feb-21
0001435746	-	DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	Gram(GM)	11-Feb-21
0001435747	-	DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	Gram(GM)	11-Feb-21
0001435748	-	DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	Gram(GM)	11-Feb-21
0001435753	-	DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	Gram(GM)	11-Feb-21
0001435749	-	DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	Gram(GM)	11-Feb-21
0001435751	-	DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	Gram(GM)	11-Feb-21
0001435752	-	DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	Gram(GM)	11-Feb-21
0001436250	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436281	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436272	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436284	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436283	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436282	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436257	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436280	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436278	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436277	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436276	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436275	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436274	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436279	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436285	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436299	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436271	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436309	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436308	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436307	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436306	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436305	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436304	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001436303	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436302	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436301	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436300	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436273	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436288	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436259	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436295	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436294	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436292	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436253	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436297	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436289	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436298	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436287	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436286	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436252	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436251	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436310	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436293	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436290	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436262	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436269	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436268	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436267	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436266	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436265	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436296	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436263	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436270	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436261	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436260	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436258	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436256	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436255	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436254	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436264	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436312	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436313	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436314	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436291	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436311	-	TOTAL CHLORINE INDICATOR	1	Gram(GM)	11-Feb-21
0001436120	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001436123	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436122	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436121	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436144	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436124	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436147	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436127	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436148	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436149	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436150	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436151	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436152	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436153	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436154	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436146	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436142	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436170	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436136	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436135	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436134	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436137	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436138	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001436139	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436125	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436141	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436155	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436133	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436132	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436131	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436130	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436129	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436128	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436145	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436126	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436140	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436160	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436180	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436159	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436179	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436178	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436177	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436176	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436175	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436174	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001436181	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436172	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436171	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436143	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436162	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436163	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436164	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436165	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436166	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436167	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436168	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436169	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436173	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436156	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436183	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436184	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436158	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436182	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436161	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436157	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436185	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436197	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001436195	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436206	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436204	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436198	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436203	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436202	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436201	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436205	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436190	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436193	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436200	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436192	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436194	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436186	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436191	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436199	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436187	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436196	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436189	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436188	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436230	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436229	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001436210	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436209	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436228	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436212	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436211	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436214	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436216	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436217	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436218	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436227	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436226	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436225	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436224	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436223	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436221	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436220	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436219	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436213	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436231	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436222	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436236	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436232	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001436240	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436241	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436242	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436243	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436244	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436245	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436239	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436237	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436246	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436248	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436215	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436238	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436249	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436235	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436233	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436208	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436207	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436234	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436247	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Microliter	11-Feb-21
0001436380	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436391	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436383	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001436381	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436384	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436385	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436382	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436396	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436404	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436403	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436402	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436401	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436400	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436399	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436389	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436397	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436386	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436395	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436394	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436393	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436392	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436390	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436388	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436387	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436398	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001436415	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436406	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436407	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436408	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436409	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436410	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436411	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436412	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436405	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436414	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436424	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436416	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436417	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436418	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436419	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436420	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436421	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436423	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436413	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001436422	-	TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	427	Milliliter(ML)	11-Feb-21
0001435830	7664-93-9	SULFURIC ACID STANDARD SOLUTION 5.25N	10	Milliliter(ML)	11-Feb-21
0001435832	7664-93-9	SULFURIC ACID STANDARD SOLUTION 5.25N	10	Milliliter(ML)	11-Feb-21
0001435839	7664-93-9	SULFURIC ACID STANDARD SOLUTION 5.25N	10	Milliliter(ML)	11-Feb-21
0001435838	7664-93-9	SULFURIC ACID STANDARD SOLUTION 5.25N	10	Milliliter(ML)	11-Feb-21
0001435837	7664-93-9	SULFURIC ACID STANDARD SOLUTION 5.25N	10	Milliliter(ML)	11-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001435836	7664-93-9	SULFURIC ACID STANDARD SOLUTION 5.25N	10	Milliliter(ML)	11-Feb-21
0001435835	7664-93-9	SULFURIC ACID STANDARD SOLUTION 5.25N	10	Milliliter(ML)	11-Feb-21
0001435833	7664-93-9	SULFURIC ACID STANDARD SOLUTION 5.25N	10	Milliliter(ML)	11-Feb-21
0001435831	7664-93-9	SULFURIC ACID STANDARD SOLUTION 5.25N	10	Milliliter(ML)	11-Feb-21
0001435834	7664-93-9	SULFURIC ACID STANDARD SOLUTION 5.25N	10	Milliliter(ML)	11-Feb-21
0001661791	-	TAP MAGIC	16	Ounces(OZ)	11-Feb-21
0001661800	-	Accelerator for Z70	25	Milliliter(ML)	11-Feb-21
0001661809	-	Accelerator for Z70	25	Milliliter(ML)	11-Feb-21
0001613110	-	H2SO4 PRESERVATION KIT FOR 1000 ML CONTAINER	100	Milliliter(ML)	11-Feb-21
0001661818	-	Precision Cleaning Solvent	1	Liters(L)	11-Feb-21
0001661827	80-62-6	METHYL METHACRYLATE	25	Milliliter(ML)	11-Feb-21
0001661828	80-62-6	METHYL METHACRYLATE	25	Milliliter(ML)	11-Feb-21
0001661829	80-62-6	METHYL METHACRYLATE	25	Milliliter(ML)	11-Feb-21
0001661836	80-62-6	METHYL METHACRYLATE	25	Milliliter(ML)	11-Feb-21
0001661845	94-36-0	BENZOYL PEROXIDE	150	MicroGram(UGM)	11-Feb-21
0001661846	94-36-0	BENZOYL PEROXIDE	150	MicroGram(UGM)	11-Feb-21
0001661837	-	Z70 Cold Curing Super Glue	15	Milliliter(ML)	11-Feb-21
0001661838	-	Z70 Cold Curing Super Glue	15	Milliliter(ML)	11-Feb-21
0001613111	-	H2SO4 PRESERVATION KIT FOR 250 ML CONTAINER	100	Milliliter(ML)	11-Feb-21
0001613112	-	H2SO4 Preservation for a 500 mL Container	100	Milliliter(ML)	11-Feb-21
0001613113	-	HNO3 PRESERVATION FOR 250 ML	100	Milliliter(ML)	11-Feb-21
0001613115	-	HNO3 PRESERVATION KIT FOR 1000 ML CONTAINER	100	Milliliter(ML)	11-Feb-21
0001613116	-	HCl Preservation for a 250 mL Container	100	Milliliter(ML)	11-Feb-21
0001613117	-	HCl Preservation for a 500 mL Container	500	Milliliter(ML)	16-Feb-21
0001613118	7647-01-0	HCl Preservation for a 1 000 mL Container	100	Milliliter(ML)	16-Feb-21
0001613119	1310-73-2	NaOH Preservation for 250 ml Container	100	Milliliter(ML)	16-Feb-21
0001613120	-	NaOH Preservation for a 500 mL Container	100	Milliliter(ML)	16-Feb-21
0001613121	-	NaOH Preservation for a 1 000 mL Container	100	Milliliter(ML)	17-Feb-21
0001613122	-	TCEP HCL	1	Gram(GM)	17-Feb-21
0001613123	60-29-7	DIETHYL ETHER	5	Liters(L)	17-Feb-21
0001613124	67-63-0	ISOPROPANOL (2-PROPANOL)	1	Liters(L)	17-Feb-21
0001613126	67-63-0	ISOPROPANOL (2-PROPANOL)	1	Liters(L)	17-Feb-21
0001613125	67-63-0	ISOPROPANOL (2-PROPANOL)	1	Liters(L)	17-Feb-21
0001613127	111-92-2	DIBUTYLAMINE	100	Milliliter(ML)	17-Feb-21
0001577201	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	17-Feb-21
0001577228	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	17-Feb-21
0001577234	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	17-Feb-21
0001577238	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	17-Feb-21
0001577237	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	17-Feb-21
0001577239	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	17-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001577236	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	17-Feb-21
0001577240	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	17-Feb-21
0001577241	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	17-Feb-21
0001577235	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	17-Feb-21
0001577242	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	17-Feb-21
0001577223	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	17-Feb-21
0001577224	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	17-Feb-21
0001577225	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	17-Feb-21
0001577227	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	17-Feb-21
0001577229	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	17-Feb-21
0001577230	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	17-Feb-21
0001577222	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	17-Feb-21
0001577207	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	17-Feb-21
0001577231	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	17-Feb-21
0001577232	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	17-Feb-21
0001577226	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	17-Feb-21
0001577212	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	17-Feb-21
0001577233	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	17-Feb-21
0001577202	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	17-Feb-21
0001577203	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	17-Feb-21
0001577204	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	17-Feb-21
0001577205	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	17-Feb-21
0001577206	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	17-Feb-21
0001577208	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	17-Feb-21
0001577209	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	17-Feb-21
0001577211	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	17-Feb-21
0001577221	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	17-Feb-21
0001577213	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	17-Feb-21
0001577214	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	17-Feb-21
0001577215	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	17-Feb-21
0001577216	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	17-Feb-21
0001577217	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	17-Feb-21
0001577218	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	17-Feb-21
0001577219	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	17-Feb-21
0001577220	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	17-Feb-21
0001577210	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	17-Feb-21
0001577243	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577267	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577273	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577257	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577258	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577259	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577260	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577261	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577262	-	portland cement 1	80	Pounds(LB)	17-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001577263	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577264	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577266	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577288	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577268	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577269	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577270	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577287	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577279	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577286	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577285	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577284	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577283	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577282	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577271	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577280	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577272	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577278	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577277	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577276	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577275	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577274	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577254	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577281	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577292	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577265	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577300	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577299	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577298	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577297	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577296	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577295	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577256	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577293	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577255	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577291	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577290	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577251	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577294	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577252	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577289	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577250	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577249	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577248	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577247	-	portland cement 1	80	Pounds(LB)	17-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001577246	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577245	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577244	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001577253	-	portland cement 1	80	Pounds(LB)	17-Feb-21
0001613128	7440-25-7	TANTALUM	10	Gram(GM)	17-Feb-21
0001577301	-	Zinsser BULLS EYE 1-2-3	5	Gallon(GAL)	17-Feb-21
0001577302	-	Zinsser BULLS EYE 1-2-3	5	Gallon(GAL)	17-Feb-21
0001577303	-	Zinsser BULLS EYE 1-2-3	5	Gallon(GAL)	17-Feb-21
0001577304	-	Zinsser BULLS EYE 1-2-3	5	Gallon(GAL)	17-Feb-21
0001577306	-	Zinsser BULLS EYE 1-2-3	5	Gallon(GAL)	17-Feb-21
0001577305	-	Zinsser BULLS EYE 1-2-3	5	Gallon(GAL)	17-Feb-21
V000007C3A	-	FANTASTIK ALL PURPOSE CLEANER	1	Gallon(GAL)	17-Feb-21
V000007C3C	-	FANTASTIK ALL PURPOSE CLEANER	1	Gallon(GAL)	17-Feb-21
V000007C3B	-	FANTASTIK ALL PURPOSE CLEANER	1	Gallon(GAL)	17-Feb-21
0001613134	-	LOCTITE 3D Silicone Elastomeric 5015	1	Liters(L)	17-Feb-21
0001613135	-	100ug/mL THORIUM	125	Milliliter(ML)	17-Feb-21
0001613136	98-01-1	2-FURALDEHYDE	100	Milliliter(ML)	17-Feb-21
0001613137	52349-26-5	Trimethyl chitosan medium molecular weight	1	Gram(GM)	17-Feb-21
0001613138	5989-27-5	(R)-(+)-LIMONENE	100	Milliliter(ML)	17-Feb-21
0001613139	80-62-6	METHYL METHACRYLATE	17	Liters(L)	17-Feb-21
0001613132	7440-25-7	TANTALUM	10	Gram(GM)	17-Feb-21
0001613131	7440-25-7	TANTALUM	10	Gram(GM)	17-Feb-21
0001613130	7440-25-7	TANTALUM	10	Gram(GM)	17-Feb-21
0001613129	7440-25-7	TANTALUM	10	Gram(GM)	17-Feb-21
0001613133	7440-25-7	TANTALUM	10	Gram(GM)	17-Feb-21
V000007C42	-	Ridgid Nu-Clear Thread Cutting Oil	1	Gallon(GAL)	17-Feb-21
V000007C41	-	Ridgid Nu-Clear Thread Cutting Oil	1	Gallon(GAL)	17-Feb-21
V000007C40	-	Ridgid Nu-Clear Thread Cutting Oil	1	Gallon(GAL)	17-Feb-21
V000007C3F	-	Ridgid Nu-Clear Thread Cutting Oil	1	Gallon(GAL)	17-Feb-21
V000007C3E	-	Ridgid Nu-Clear Thread Cutting Oil	1	Gallon(GAL)	17-Feb-21
V000007C3D	-	Ridgid Nu-Clear Thread Cutting Oil	1	Gallon(GAL)	17-Feb-21
V000007C56	-	LPS Tapmatic #1 Gold (Aerosol)	11	Ounces(OZ)	17-Feb-21
V000007C5A	-	LPS Tapmatic #1 Gold (Aerosol)	11	Ounces(OZ)	17-Feb-21
V000007C4E	-	LPS Tapmatic #1 Gold (Aerosol)	11	Ounces(OZ)	17-Feb-21
V000007C59	-	LPS Tapmatic #1 Gold (Aerosol)	11	Ounces(OZ)	17-Feb-21
V000007C58	-	LPS Tapmatic #1 Gold (Aerosol)	11	Ounces(OZ)	17-Feb-21
V000007C57	-	LPS Tapmatic #1 Gold (Aerosol)	11	Ounces(OZ)	17-Feb-21
V000007C49	-	LPS Tapmatic #1 Gold (Aerosol)	11	Ounces(OZ)	17-Feb-21
V000007C50	-	LPS Tapmatic #1 Gold (Aerosol)	11	Ounces(OZ)	17-Feb-21
V000007C55	-	LPS Tapmatic #1 Gold (Aerosol)	11	Ounces(OZ)	17-Feb-21
V000007C44	-	LPS Tapmatic #1 Gold (Aerosol)	11	Ounces(OZ)	17-Feb-21
V000007C45	-	LPS Tapmatic #1 Gold (Aerosol)	11	Ounces(OZ)	17-Feb-21
V000007C46	-	LPS Tapmatic #1 Gold (Aerosol)	11	Ounces(OZ)	17-Feb-21
V000007C48	-	LPS Tapmatic #1 Gold (Aerosol)	11	Ounces(OZ)	17-Feb-21
V000007C43	-	LPS Tapmatic #1 Gold (Aerosol)	11	Ounces(OZ)	17-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000007C4A	-	LPS Tapmatic #1 Gold (Aerosol)	11	Ounces(OZ)	17-Feb-21
V000007C4B	-	LPS Tapmatic #1 Gold (Aerosol)	11	Ounces(OZ)	17-Feb-21
V000007C52	-	LPS Tapmatic #1 Gold (Aerosol)	11	Ounces(OZ)	17-Feb-21
V000007C54	-	LPS Tapmatic #1 Gold (Aerosol)	11	Ounces(OZ)	17-Feb-21
V000007C47	-	LPS Tapmatic #1 Gold (Aerosol)	11	Ounces(OZ)	17-Feb-21
V000007C53	-	LPS Tapmatic #1 Gold (Aerosol)	11	Ounces(OZ)	17-Feb-21
V000007C4C	-	LPS Tapmatic #1 Gold (Aerosol)	11	Ounces(OZ)	17-Feb-21
V000007C51	-	LPS Tapmatic #1 Gold (Aerosol)	11	Ounces(OZ)	17-Feb-21
V000007C4F	-	LPS Tapmatic #1 Gold (Aerosol)	11	Ounces(OZ)	17-Feb-21
V000007C4D	-	LPS Tapmatic #1 Gold (Aerosol)	11	Ounces(OZ)	17-Feb-21
0001577307	-	ALL PURPOSE WHITE BASES AND COLORS	5	Gallon(GAL)	17-Feb-21
0001577311	-	ALL PURPOSE WHITE BASES AND COLORS	5	Gallon(GAL)	17-Feb-21
0001577312	-	ALL PURPOSE WHITE BASES AND COLORS	5	Gallon(GAL)	17-Feb-21
0001577310	-	ALL PURPOSE WHITE BASES AND COLORS	5	Gallon(GAL)	17-Feb-21
0001577309	-	ALL PURPOSE WHITE BASES AND COLORS	5	Gallon(GAL)	17-Feb-21
0001577308	-	ALL PURPOSE WHITE BASES AND COLORS	5	Gallon(GAL)	17-Feb-21
0001577313	-	Dynaflex 230 - All Colors	10	Ounces(OZ)	17-Feb-21
0001577316	-	Dynaflex 230 - All Colors	10	Ounces(OZ)	17-Feb-21
0001577315	-	Dynaflex 230 - All Colors	10	Ounces(OZ)	17-Feb-21
0001577314	-	Dynaflex 230 - All Colors	10	Ounces(OZ)	17-Feb-21
0001577317	-	SHAW 4100	10	Pounds(LB)	17-Feb-21
0001577321	-	SHAW 4100	10	Pounds(LB)	17-Feb-21
0001577318	-	SHAW 4100	10	Pounds(LB)	17-Feb-21
0001577319	-	SHAW 4100	10	Pounds(LB)	17-Feb-21
0001577320	-	SHAW 4100	10	Pounds(LB)	17-Feb-21
0001577322	-	Excelsior EN-610-Part A/B	13.5	Ounces(OZ)	17-Feb-21
0001577327	-	Excelsior EN-610-Part A/B	13.5	Ounces(OZ)	17-Feb-21
0001577329	-	Excelsior EN-610-Part A/B	13.5	Ounces(OZ)	17-Feb-21
0001577328	-	Excelsior EN-610-Part A/B	13.5	Ounces(OZ)	17-Feb-21
0001577326	-	Excelsior EN-610-Part A/B	13.5	Ounces(OZ)	17-Feb-21
0001577325	-	Excelsior EN-610-Part A/B	13.5	Ounces(OZ)	17-Feb-21
0001577324	-	Excelsior EN-610-Part A/B	13.5	Ounces(OZ)	17-Feb-21
0001577323	-	Excelsior EN-610-Part A/B	13.5	Ounces(OZ)	17-Feb-21
V000007C66	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	539	Gram(GM)	17-Feb-21
V000007C72	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	539	Gram(GM)	17-Feb-21
V000007C71	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	539	Gram(GM)	17-Feb-21
V000007C70	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	539	Gram(GM)	17-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000007C6E	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	539	Gram(GM)	17-Feb-21
V000007C6C	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	539	Gram(GM)	17-Feb-21
V000007C6A	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	539	Gram(GM)	17-Feb-21
V000007C69	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	539	Gram(GM)	17-Feb-21
V000007C68	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	539	Gram(GM)	17-Feb-21
V000007C67	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	539	Gram(GM)	17-Feb-21
V000007C6F	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	539	Gram(GM)	17-Feb-21
V000007C65	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	539	Gram(GM)	17-Feb-21
V000007C64	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	539	Gram(GM)	17-Feb-21
V000007C63	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	539	Gram(GM)	17-Feb-21
V000007C62	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	539	Gram(GM)	17-Feb-21
V000007C61	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	539	Gram(GM)	17-Feb-21
V000007C6B	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	539	Gram(GM)	17-Feb-21
V000007C60	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	539	Gram(GM)	17-Feb-21
V000007C5E	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	539	Gram(GM)	17-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000007C5D	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	539	Gram(GM)	17-Feb-21
V000007C5C	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	539	Gram(GM)	17-Feb-21
V000007C5B	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	539	Gram(GM)	17-Feb-21
V000007C5F	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	539	Gram(GM)	17-Feb-21
V000007C6D	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	539	Gram(GM)	17-Feb-21
0001627393	-	THREAD SEALANT	16	Ounces(OZ)	17-Feb-21
0001627395	-	THREAD SEALANT	16	Ounces(OZ)	17-Feb-21
0001627394	-	THREAD SEALANT	16	Ounces(OZ)	17-Feb-21
0001627396	-	THREAD SEALANT	16	Ounces(OZ)	17-Feb-21
0001627397	-	Blue Def	2.5	Gallon(GAL)	17-Feb-21
0001627401	-	Blue Def	2.5	Gallon(GAL)	17-Feb-21
0001627398	-	Blue Def	2.5	Gallon(GAL)	17-Feb-21
0001627399	-	Blue Def	2.5	Gallon(GAL)	17-Feb-21
0001627400	-	Blue Def	2.5	Gallon(GAL)	17-Feb-21
0001627402	-	Blue Def	2.5	Gallon(GAL)	17-Feb-21
V000007C75	-	Prestone De-Icer Windshield Washer Additive with Dirt Blocker	1	Gallon(GAL)	17-Feb-21
V000007C74	-	Prestone De-Icer Windshield Washer Additive with Dirt Blocker	1	Gallon(GAL)	17-Feb-21
V000007C76	-	Prestone De-Icer Windshield Washer Additive with Dirt Blocker	1	Gallon(GAL)	17-Feb-21
V000007C77	-	Prestone De-Icer Windshield Washer Additive with Dirt Blocker	1	Gallon(GAL)	17-Feb-21
V000007C78	-	Prestone De-Icer Windshield Washer Additive with Dirt Blocker	1	Gallon(GAL)	17-Feb-21
V000007C79	-	Prestone De-Icer Windshield Washer Additive with Dirt Blocker	1	Gallon(GAL)	17-Feb-21
V000007C7A	-	Prestone De-Icer Windshield Washer Additive with Dirt Blocker	1	Gallon(GAL)	17-Feb-21
V000007C7B	-	Prestone De-Icer Windshield Washer Additive with Dirt Blocker	1	Gallon(GAL)	17-Feb-21
V000007C7C	-	Prestone De-Icer Windshield Washer Additive with Dirt Blocker	1	Gallon(GAL)	17-Feb-21
V000007C7D	-	Prestone De-Icer Windshield Washer Additive with Dirt Blocker	1	Gallon(GAL)	17-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000007C7E	-	Prestone De-Icer Windshield Washer Additive with Dirt Blocker	1	Gallon(GAL)	17-Feb-21
V000007C7F	-	Prestone De-Icer Windshield Washer Additive with Dirt Blocker	1	Gallon(GAL)	17-Feb-21
V000007C80	-	Prestone De-Icer Windshield Washer Additive with Dirt Blocker	1	Gallon(GAL)	17-Feb-21
V000007C82	-	Prestone De-Icer Windshield Washer Additive with Dirt Blocker	1	Gallon(GAL)	17-Feb-21
V000007C83	-	Prestone De-Icer Windshield Washer Additive with Dirt Blocker	1	Gallon(GAL)	17-Feb-21
V000007C84	-	Prestone De-Icer Windshield Washer Additive with Dirt Blocker	1	Gallon(GAL)	17-Feb-21
V000007C85	-	Prestone De-Icer Windshield Washer Additive with Dirt Blocker	1	Gallon(GAL)	17-Feb-21
V000007C86	-	Prestone De-Icer Windshield Washer Additive with Dirt Blocker	1	Gallon(GAL)	17-Feb-21
V000007C87	-	Prestone De-Icer Windshield Washer Additive with Dirt Blocker	1	Gallon(GAL)	17-Feb-21
V000007C88	-	Prestone De-Icer Windshield Washer Additive with Dirt Blocker	1	Gallon(GAL)	17-Feb-21
V000007C89	-	Prestone De-Icer Windshield Washer Additive with Dirt Blocker	1	Gallon(GAL)	17-Feb-21
V000007C8A	-	Prestone De-Icer Windshield Washer Additive with Dirt Blocker	1	Gallon(GAL)	17-Feb-21
V000007C73	-	Prestone De-Icer Windshield Washer Additive with Dirt Blocker	1	Gallon(GAL)	17-Feb-21
V000007C81	-	Prestone De-Icer Windshield Washer Additive with Dirt Blocker	1	Gallon(GAL)	17-Feb-21
0001627403	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	17-Feb-21
0001627409	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	17-Feb-21
0001627411	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	17-Feb-21
0001627412	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	17-Feb-21
0001627410	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	17-Feb-21
0001627404	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	17-Feb-21
0001627405	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	17-Feb-21
0001627406	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	17-Feb-21
0001627407	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	17-Feb-21
0001627408	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	17-Feb-21
0001661792	64742-49-0	FLUX OFF NO CLEAN	2	Ounces(OZ)	17-Feb-21
0001661793	64742-49-0	FLUX OFF NO CLEAN	2	Ounces(OZ)	17-Feb-21
0001661794	-	ROSIN FLUX	2	Ounces(OZ)	17-Feb-21
0001658143	7440-59-7	HELIUM GAS	100	Cubic Feet(CF)	17-Feb-21
0001658144	7440-59-7	HELIUM GAS	100	Cubic Feet(CF)	17-Feb-21
0001658145	7440-59-7	HELIUM GAS	100	Cubic Feet(CF)	17-Feb-21
0001613054	-	DPD TOTAL CHLORINE REAGENT	100	Milliliter(ML)	17-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001613063	-	DPD TOTAL CHLORINE REAGENT	100	Milliliter(ML)	17-Feb-21
0001613056	-	DPD TOTAL CHLORINE REAGENT	100	Milliliter(ML)	17-Feb-21
0001613065	-	DPD TOTAL CHLORINE REAGENT	100	Milliliter(ML)	17-Feb-21
0001613064	-	DPD TOTAL CHLORINE REAGENT	100	Milliliter(ML)	17-Feb-21
0001613055	-	DPD TOTAL CHLORINE REAGENT	100	Milliliter(ML)	17-Feb-21
0001613058	-	DPD TOTAL CHLORINE REAGENT	100	Milliliter(ML)	17-Feb-21
0001613057	-	DPD TOTAL CHLORINE REAGENT	100	Milliliter(ML)	17-Feb-21
0001613059	-	DPD TOTAL CHLORINE REAGENT	100	Milliliter(ML)	17-Feb-21
0001613060	-	DPD TOTAL CHLORINE REAGENT	100	Milliliter(ML)	17-Feb-21
0001613062	-	DPD TOTAL CHLORINE REAGENT	100	Milliliter(ML)	17-Feb-21
0001613061	-	DPD TOTAL CHLORINE REAGENT	100	Milliliter(ML)	17-Feb-21
0001149093	7697-37-2	NITRIC ACID ULTRAPURE	500	Milliliter(ML)	17-Feb-21
0001612381	3397-62-4	2-CHLORO-4 6-DIAMINO-1 3 5-TRIAZINE	25	Gram(GM)	18-Feb-21
0001612382	645-93-2	Ammelide	5	Gram(GM)	18-Feb-21
0001612383	645-92-1	Ammeline	5	Gram(GM)	18-Feb-21
0001612384	6779-09-5	ETHYLPHOSPHONIC ACID	5	Gram(GM)	18-Feb-21
0001612385	4672-38-2	Propylphosphonic Acid	1	Gram(GM)	18-Feb-21
0001612387	4672-38-2	Propylphosphonic Acid	1	Gram(GM)	18-Feb-21
0001612386	4672-38-2	Propylphosphonic Acid	1	Gram(GM)	18-Feb-21
0001612388	3321-64-0	Butylphosphonic acid	5	Gram(GM)	18-Feb-21
0001612389	-	(12-Phosphonododecyl)phosphonic acid	1	Gram(GM)	18-Feb-21
0001612390	-	(12-Phosphonododecyl)phosphonic acid	1	Gram(GM)	18-Feb-21
0001612391	-	(12-Phosphonododecyl)phosphonic acid	1	Gram(GM)	18-Feb-21
0001535390	103-63-9	(2-Bromoethyl)benzene	5	Gram(GM)	18-Feb-21
0001613140	-	SCIGRIP 16 Solvent Cement for Bonding Acrylics	16	Ounces(OZ)	18-Feb-21
0001613141	67-63-0	ISOPROPYL ALCOHOL	4	Gallon(GAL)	18-Feb-21
0001613142	67-63-0	ISOPROPYL ALCOHOL	4	Gallon(GAL)	18-Feb-21
0001613143	67-63-0	ISOPROPYL ALCOHOL	4	Gallon(GAL)	18-Feb-21
0001613144	67-63-0	ISOPROPYL ALCOHOL	4	Gallon(GAL)	18-Feb-21
0001613145	7681-52-9	Clorox Concentrated Germicidal Bleach	121	Ounces(OZ)	18-Feb-21
0001613146	7681-52-9	Clorox Concentrated Germicidal Bleach	121	Ounces(OZ)	18-Feb-21
0001613147	7681-52-9	Clorox Concentrated Germicidal Bleach	121	Ounces(OZ)	18-Feb-21
0001613148	7681-52-9	Clorox Concentrated Germicidal Bleach	121	Ounces(OZ)	18-Feb-21
0001613149	7681-52-9	Clorox Concentrated Germicidal Bleach	121	Ounces(OZ)	18-Feb-21
0001613150	7681-52-9	Clorox Concentrated Germicidal Bleach	121	Ounces(OZ)	18-Feb-21
0001613175	67-64-1	ACETONE	4	Liters(L)	18-Feb-21
0001613176	16940-66-2	SODIUM BOROHYDRIDE	25	Gram(GM)	18-Feb-21
0001613177	69-65-8	D-MANNITOL	1	Kilograms(KG)	18-Feb-21
0001613179	67-72-1	HEXACHLOROETHANE	500	Gram(GM)	18-Feb-21
0001613180	5943-66-8	1 8-OCTANEDIPHOSPHONIC ACID	1	Gram(GM)	18-Feb-21
0001613182	5943-66-8	1 8-OCTANEDIPHOSPHONIC ACID	1	Gram(GM)	18-Feb-21
0001613181	5943-66-8	1 8-OCTANEDIPHOSPHONIC ACID	1	Gram(GM)	18-Feb-21
0001613183	109-72-8	N-BUTYLLITHIUM	25	Milliliter(ML)	18-Feb-21
0001613186	109-72-8	N-BUTYLLITHIUM	25	Milliliter(ML)	18-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001613184	109-72-8	N-BUTYLLITHIUM	25	Milliliter(ML)	18-Feb-21
0001613185	109-72-8	N-BUTYLLITHIUM	25	Milliliter(ML)	18-Feb-21
0001613178	68649-11-6	SynOil M10.120.08	10	Liters(L)	18-Feb-21
0001613151	-	LOCTITE ECCOBOND F 113-H	2.5	Gram(GM)	18-Feb-21
0001613167	-	LOCTITE ECCOBOND F 113-H	2.5	Gram(GM)	18-Feb-21
0001613166	-	LOCTITE ECCOBOND F 113-H	2.5	Gram(GM)	18-Feb-21
0001613165	-	LOCTITE ECCOBOND F 113-H	2.5	Gram(GM)	18-Feb-21
0001613164	-	LOCTITE ECCOBOND F 113-H	2.5	Gram(GM)	18-Feb-21
0001613163	-	LOCTITE ECCOBOND F 113-H	2.5	Gram(GM)	18-Feb-21
0001613168	-	LOCTITE ECCOBOND F 113-H	2.5	Gram(GM)	18-Feb-21
0001613161	-	LOCTITE ECCOBOND F 113-H	2.5	Gram(GM)	18-Feb-21
0001613172	-	LOCTITE ECCOBOND F 113-H	2.5	Gram(GM)	18-Feb-21
0001613160	-	LOCTITE ECCOBOND F 113-H	2.5	Gram(GM)	18-Feb-21
0001613159	-	LOCTITE ECCOBOND F 113-H	2.5	Gram(GM)	18-Feb-21
0001613158	-	LOCTITE ECCOBOND F 113-H	2.5	Gram(GM)	18-Feb-21
0001613157	-	LOCTITE ECCOBOND F 113-H	2.5	Gram(GM)	18-Feb-21
0001613156	-	LOCTITE ECCOBOND F 113-H	2.5	Gram(GM)	18-Feb-21
0001613155	-	LOCTITE ECCOBOND F 113-H	2.5	Gram(GM)	18-Feb-21
0001613154	-	LOCTITE ECCOBOND F 113-H	2.5	Gram(GM)	18-Feb-21
0001613153	-	LOCTITE ECCOBOND F 113-H	2.5	Gram(GM)	18-Feb-21
0001613152	-	LOCTITE ECCOBOND F 113-H	2.5	Gram(GM)	18-Feb-21
0001613162	-	LOCTITE ECCOBOND F 113-H	2.5	Gram(GM)	18-Feb-21
0001613171	-	LOCTITE ECCOBOND F 113-H	2.5	Gram(GM)	18-Feb-21
0001613170	-	LOCTITE ECCOBOND F 113-H	2.5	Gram(GM)	18-Feb-21
0001613173	-	LOCTITE ECCOBOND F 113-H	2.5	Gram(GM)	18-Feb-21
0001613174	-	LOCTITE ECCOBOND F 113-H	2.5	Gram(GM)	18-Feb-21
0001613169	-	LOCTITE ECCOBOND F 113-H	2.5	Gram(GM)	18-Feb-21
0001613187	107-83-5	HEXANE MIXTURE OF ISOMERS	4	Liters(L)	18-Feb-21
0001613188	407-25-0	TRIFLUOROACETIC ANHYDRIDE	100	Milliliter(ML)	18-Feb-21
0001613189	-	TETRAKIS(DIMETHYLAMINO)ZIRCONIUM	25	Gram(GM)	18-Feb-21
0001613190	67-64-1	ACETONE	4	Liters(L)	18-Feb-21
0001613191	67-64-1	ACETONE	4	Liters(L)	18-Feb-21
0001613192	-	Amidosulfonic acid	100	Gram(GM)	18-Feb-21
0001613193	10043-52-4	CALCIUM CHLORIDE	10	Gram(GM)	18-Feb-21
0001613194	10043-52-4	CALCIUM CHLORIDE	10	Gram(GM)	18-Feb-21
0001613195	10043-52-4	CALCIUM CHLORIDE	10	Gram(GM)	18-Feb-21
0001613196	10043-52-4	CALCIUM CHLORIDE	10	Gram(GM)	18-Feb-21
0001613197	10043-52-4	CALCIUM CHLORIDE	10	Gram(GM)	18-Feb-21
0001613198	64-19-7	ACETIC ACID	2.5	Liters(L)	18-Feb-21
0001613199	-	PRECIOUS METALS PLASMA STANDARD	100	Milliliter(ML)	18-Feb-21
0001613200	7786-30-3	MAGNESIUM CHLORIDE	10	Gram(GM)	18-Feb-21
0001613201	7786-30-3	MAGNESIUM CHLORIDE	10	Gram(GM)	18-Feb-21
0001613202	13813-43-9	THUIUM(III) IODIDE	5	Gram(GM)	18-Feb-21
0001613203	7790-87-6	CERIUM (III) IODIDE	5	Gram(GM)	18-Feb-21
0001613204	7440-30-4	THULIUM	5	Gram(GM)	18-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001613205	7440-45-1	CERIUM	5	Gram(GM)	18-Feb-21
0001613206	7789-41-5	CALCIUM BROMIDE	5	Gram(GM)	18-Feb-21
0001613207	7789-41-5	CALCIUM BROMIDE	5	Gram(GM)	18-Feb-21
0001613208	7789-41-5	CALCIUM BROMIDE	5	Gram(GM)	18-Feb-21
0001613209	57-50-1	SUCROSE	100	Gram(GM)	18-Feb-21
0001613210	110-54-3	N-HEXANE	4	Liters(L)	18-Feb-21
0001613212	110-54-3	N-HEXANE	4	Liters(L)	18-Feb-21
0001613213	110-54-3	N-HEXANE	4	Liters(L)	18-Feb-21
0001613214	110-54-3	N-HEXANE	4	Liters(L)	18-Feb-21
0001613215	110-54-3	N-HEXANE	4	Liters(L)	18-Feb-21
0001613216	110-54-3	N-HEXANE	4	Liters(L)	18-Feb-21
0001613217	110-54-3	N-HEXANE	4	Liters(L)	18-Feb-21
0001613211	110-54-3	N-HEXANE	4	Liters(L)	18-Feb-21
0001613218	-	Clear Photoreactive Resin	1	Liters(L)	18-Feb-21
0001613219	-	Clear Photoreactive Resin	1	Liters(L)	18-Feb-21
0001613220	156-87-6	3-AMINO-1-PROPANOL	50	Gram(GM)	19-Feb-21
0001613221	67-56-1	METHANOL ANHYDROUS	1	Liters(L)	19-Feb-21
0001613222	71-36-3	1-BUTANOL	1	Liters(L)	19-Feb-21
0001613223	109-76-2	1 3-DIAMINOPROPANE	25	Gram(GM)	19-Feb-21
0001613224	7440-55-3	GALLIUM	5	Gram(GM)	19-Feb-21
0001613227	7440-55-3	GALLIUM	5	Gram(GM)	19-Feb-21
0001613228	7440-55-3	GALLIUM	5	Gram(GM)	19-Feb-21
0001613226	7440-55-3	GALLIUM	5	Gram(GM)	19-Feb-21
0001613225	7440-55-3	GALLIUM	5	Gram(GM)	19-Feb-21
0001613229	7440-55-3	GALLIUM	5	Gram(GM)	19-Feb-21
0001613230	623-73-4	ETHYL DIAZOACETATE	20	Gram(GM)	19-Feb-21
0001613231	10035-04-8	CALCIUM CHLORIDE DIHYDRATE	500	Gram(GM)	19-Feb-21
0001613232	-	Ponceau S Staining Solution	500	Milliliter(ML)	19-Feb-21
0001613233	64-17-5	ETHYL ALCOHOL-200 PROOF	4	Liters(L)	19-Feb-21
0001613234	92112-69-1	Hexanes Certified ACS	4	Liters(L)	19-Feb-21
0001613235	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613279	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613250	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613264	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613263	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613262	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613261	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613260	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613259	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613258	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613257	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613256	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613255	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613254	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613253	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001613236	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613251	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613267	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613249	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613248	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613247	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613246	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613245	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613244	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613243	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613242	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613241	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613240	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613239	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613238	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613237	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613252	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613282	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613298	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613297	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613296	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613295	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613277	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613293	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613291	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613290	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613289	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613288	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613287	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613286	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613285	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613265	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613274	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613292	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613268	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613269	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613270	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613271	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613284	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613273	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613283	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613275	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613276	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613278	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613280	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001613281	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613266	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613272	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613294	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	19-Feb-21
0001613299	7732-18-5	WATER	4	Liters(L)	19-Feb-21
0001613300	7697-37-2	Nitric acid (65 - 70%)	500	Milliliter(ML)	19-Feb-21
0001613301	7697-37-2	Nitric acid (65 - 70%)	500	Milliliter(ML)	19-Feb-21
0001613302	7697-37-2	Nitric acid (65 - 70%)	500	Milliliter(ML)	19-Feb-21
0001613303	7697-37-2	Nitric acid (65 - 70%)	500	Milliliter(ML)	19-Feb-21
0001613304	64-17-5	ETHYL ALCOHOL-200 PROOF	4	Gallon(GAL)	19-Feb-21
0001613308	64-17-5	ETHYL ALCOHOL-200 PROOF	4	Gallon(GAL)	19-Feb-21
0001613311	64-17-5	ETHYL ALCOHOL-200 PROOF	4	Gallon(GAL)	19-Feb-21
0001613309	64-17-5	ETHYL ALCOHOL-200 PROOF	4	Gallon(GAL)	19-Feb-21
0001613307	64-17-5	ETHYL ALCOHOL-200 PROOF	4	Gallon(GAL)	19-Feb-21
0001613306	64-17-5	ETHYL ALCOHOL-200 PROOF	4	Gallon(GAL)	19-Feb-21
0001613305	64-17-5	ETHYL ALCOHOL-200 PROOF	4	Gallon(GAL)	19-Feb-21
0001613310	64-17-5	ETHYL ALCOHOL-200 PROOF	4	Gallon(GAL)	19-Feb-21
0001613312	141-78-6	ETHYL ACETATE	4	Liters(L)	19-Feb-21
0001613314	10042-88-3	TERBIUM(III) CHLORIDE ANHYDROUS	1	Gram(GM)	19-Feb-21
0001610553	-	1000 ug/mL Fluoride	500	Milliliter(ML)	19-Feb-21
0001610554	-	1000 ug/mL Fluoride	500	Milliliter(ML)	19-Feb-21
0001610555	-	1000 ug/mL Chloride	500	Milliliter(ML)	19-Feb-21
0001610556	-	1000 ug/mL Chloride	500	Milliliter(ML)	19-Feb-21
0001610557	-	IC-FF-M Fluoride (1000ug/mL in H2O)	500	Milliliter(ML)	19-Feb-21
0001610558	-	IC-FF-M Fluoride (1000ug/mL in H2O)	500	Milliliter(ML)	19-Feb-21
0001610559	-	CHLORIDE 1000UG/ML H2O	500	Milliliter(ML)	19-Feb-21
0001610560	-	CHLORIDE 1000UG/ML H2O	500	Milliliter(ML)	19-Feb-21
0001613313	7439-98-7	1 ug/mL Molybdenum	125	Milliliter(ML)	19-Feb-21
0001612692	-	Mini-PROTEAN TGX Gels 4-15% 4-20%	15	Microliter	19-Feb-21
0001612693	-	Mini-PROTEAN TGX Gels 4-15% 4-20%	15	Microliter	19-Feb-21
0001646676	-	KRYLON ColorMaster with Covermax Technology Paint + Primer Flat Black	24	Ounces(OZ)	19-Feb-21
0001646677	-	KRYLON ColorMaster with Covermax Technology Paint + Primer Flat Black	24	Ounces(OZ)	19-Feb-21
0001646678	-	KRYLON ColorMaster with Covermax Technology Paint + Primer Flat Black	24	Ounces(OZ)	19-Feb-21
0001646679	-	KRYLON ColorMaster with Covermax Technology Paint + Primer Flat Black	24	Ounces(OZ)	19-Feb-21
0001646680	-	KRYLON ColorMaster with Covermax Technology Paint + Primer Flat Black	24	Ounces(OZ)	19-Feb-21
0001646681	-	KRYLON ColorMaster with Covermax Technology Paint + Primer Flat Black	24	Ounces(OZ)	19-Feb-21
0001646682	-	KRYLON ColorMaster with Covermax Technology Paint + Primer Flat Black	24	Ounces(OZ)	19-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001646683	-	KRYLON ColorMaster with Covermax Technology Paint + Primer Flat Black	24	Ounces(OZ)	19-Feb-21
0001646684	-	KRYLON ColorMaster with Covermax Technology Paint + Primer Flat Black	24	Ounces(OZ)	19-Feb-21
0001646693	-	KRYLON ColorMaster with Covermax Technology Paint + Primer Flat Black	24	Ounces(OZ)	19-Feb-21
0001646685	-	KRYLON ColorMaster with Covermax Technology Paint + Primer Flat Black	24	Ounces(OZ)	19-Feb-21
0001646697	-	KRYLON ColorMaster with Covermax Technology Paint + Primer Flat Black	24	Ounces(OZ)	19-Feb-21
0001646698	-	KRYLON ColorMaster with Covermax Technology Paint + Primer Flat Black	24	Ounces(OZ)	19-Feb-21
0001646699	-	KRYLON ColorMaster with Covermax Technology Paint + Primer Flat Black	24	Ounces(OZ)	19-Feb-21
0001646696	-	KRYLON ColorMaster with Covermax Technology Paint + Primer Flat Black	24	Ounces(OZ)	19-Feb-21
0001646686	-	KRYLON ColorMaster with Covermax Technology Paint + Primer Flat Black	24	Ounces(OZ)	19-Feb-21
0001646694	-	KRYLON ColorMaster with Covermax Technology Paint + Primer Flat Black	24	Ounces(OZ)	19-Feb-21
0001646692	-	KRYLON ColorMaster with Covermax Technology Paint + Primer Flat Black	24	Ounces(OZ)	19-Feb-21
0001646691	-	KRYLON ColorMaster with Covermax Technology Paint + Primer Flat Black	24	Ounces(OZ)	19-Feb-21
0001646690	-	KRYLON ColorMaster with Covermax Technology Paint + Primer Flat Black	24	Ounces(OZ)	19-Feb-21
0001646689	-	KRYLON ColorMaster with Covermax Technology Paint + Primer Flat Black	24	Ounces(OZ)	19-Feb-21
0001646688	-	KRYLON ColorMaster with Covermax Technology Paint + Primer Flat Black	24	Ounces(OZ)	19-Feb-21
0001646687	-	KRYLON ColorMaster with Covermax Technology Paint + Primer Flat Black	24	Ounces(OZ)	19-Feb-21
0001646695	-	KRYLON ColorMaster with Covermax Technology Paint + Primer Flat Black	24	Ounces(OZ)	19-Feb-21
0001613315	91-15-6	1 2-Dicyanobenzene	100	Gram(GM)	19-Feb-21
0001646700	-	3M Hi-Tack Spray Adhesive 76	12	Ounces(OZ)	19-Feb-21
0001613316	3468-11-9	1 3-Diiminoisoindoline	25	Gram(GM)	19-Feb-21
0001613317	14338-32-0	2-Chloro-1-methylpyridinium iodide	25	Gram(GM)	19-Feb-21
0001646703	-	3M Hi-Tack Spray Adhesive 76	12	Ounces(OZ)	19-Feb-21
0001646711	-	3M Hi-Tack Spray Adhesive 76	12	Ounces(OZ)	19-Feb-21
0001646710	-	3M Hi-Tack Spray Adhesive 76	12	Ounces(OZ)	19-Feb-21
0001646709	-	3M Hi-Tack Spray Adhesive 76	12	Ounces(OZ)	19-Feb-21
0001646708	-	3M Hi-Tack Spray Adhesive 76	12	Ounces(OZ)	19-Feb-21
0001646707	-	3M Hi-Tack Spray Adhesive 76	12	Ounces(OZ)	19-Feb-21
0001646706	-	3M Hi-Tack Spray Adhesive 76	12	Ounces(OZ)	19-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001646704	-	3M Hi-Tack Spray Adhesive 76	12	Ounces(OZ)	19-Feb-21
0001646702	-	3M Hi-Tack Spray Adhesive 76	12	Ounces(OZ)	19-Feb-21
0001646701	-	3M Hi-Tack Spray Adhesive 76	12	Ounces(OZ)	19-Feb-21
0001646705	-	3M Hi-Tack Spray Adhesive 76	12	Ounces(OZ)	19-Feb-21
0001613318	3229-00-3	Pentaerythritol tetrabromide	100	Gram(GM)	19-Feb-21
0001613319	112-76-5	STEAROYL CHLORIDE	25	Gram(GM)	19-Feb-21
0001613320	12032-20-1	LUTETIUM(III) OXIDE	5	Gram(GM)	19-Feb-21
0001613321	1313-97-9	Neodymium(III) oxide	10	Gram(GM)	19-Feb-21
0001613322	63026-01-7	EUROPIUM(III) NITRATE PENTAHYDRATE	1	Gram(GM)	19-Feb-21
0001613323	63026-01-7	EUROPIUM(III) NITRATE PENTAHYDRATE	1	Gram(GM)	19-Feb-21
0001613324	7440-00-8	Neodymium powder 40 mesh	10	Gram(GM)	19-Feb-21
0001613325	67-64-1	ACETONE	4	Liters(L)	19-Feb-21
0001613326	108-95-2	Liquified Phenol	100	Milliliter(ML)	19-Feb-21
0001613327	14324-55-1	ZINC DIETHYLDITHIOCARBAMATE	25	Gram(GM)	19-Feb-21
0001613328	112-40-3	DODECANE	100	Milliliter(ML)	19-Feb-21
0001613329	4637-24-5	N N-Dimethylformamide dimethyl acetal	25	Milliliter(ML)	19-Feb-21
0001613330	10361-82-7	SAMARIUM TRICHLORIDE	2	Gram(GM)	19-Feb-21
0001613332	10361-82-7	SAMARIUM TRICHLORIDE	2	Gram(GM)	19-Feb-21
0001613331	10361-82-7	SAMARIUM TRICHLORIDE	2	Gram(GM)	19-Feb-21
0001613333	57709-61-2	1 10-Phenanthroline-2 9-dicarboxylic acid	1	Gram(GM)	19-Feb-21
0001613334	57709-61-2	1 10-Phenanthroline-2 9-dicarboxylic acid	1	Gram(GM)	19-Feb-21
0001613335	6477-29-8	1 3-Dimesityl-1 3-propanedione	1	Gram(GM)	19-Feb-21
0001613336	7439-94-3	Lutetium powder	5	Gram(GM)	19-Feb-21
0001613337	54458-61-6	2 3 4 5-Tetramethyl-2-cyclopentenone	5	Gram(GM)	19-Feb-21
0001613338	504-29-0	2-AMINOPYRIDINE	25	Gram(GM)	19-Feb-21
0001613340	7697-37-2	NITRIC ACID	500	Milliliter(ML)	19-Feb-21
0001613341	13770-89-3	NICKEL SULFAMATE	55	Gallon(GAL)	19-Feb-21
0001613342	4584-46-7	2-DIMETHYLAMINOETHYL CHLORIDE HYDROCHLORIDE	100	Gram(GM)	19-Feb-21
0001613343	-	ALUMINA SLURRY	6	Ounces(OZ)	19-Feb-21
0001613344	-	ALUMINA SLURRY	6	Ounces(OZ)	19-Feb-21
0001613345	1310-73-2	Sodium hydroxide 50 wt% solution in water	1	Liters(L)	19-Feb-21
0001613346	1310-73-2	Sodium hydroxide 50 wt% solution in water	1	Liters(L)	19-Feb-21
0001613348	1310-73-2	Sodium hydroxide 50 wt% solution in water	1	Liters(L)	19-Feb-21
0001613347	1310-73-2	Sodium hydroxide 50 wt% solution in water	1	Liters(L)	19-Feb-21
0001613349	-	TRU RESIN	2	Milliliter(ML)	19-Feb-21
0001613350	-	TRU RESIN	2	Milliliter(ML)	19-Feb-21
0001613351	-	TEVA RESIN	2	Milliliter(ML)	19-Feb-21
0001613356	-	TEVA RESIN	2	Milliliter(ML)	19-Feb-21
0001613355	-	TEVA RESIN	2	Milliliter(ML)	19-Feb-21
0001613354	-	TEVA RESIN	2	Milliliter(ML)	19-Feb-21
0001613352	-	TEVA RESIN	2	Milliliter(ML)	19-Feb-21
0001613353	-	TEVA RESIN	2	Milliliter(ML)	19-Feb-21
0001423749	-	ADHESIVE/SEALANT	10.3	Ounces(OZ)	19-Feb-21
0001423750	-	ADHESIVE/SEALANT	10.3	Ounces(OZ)	19-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001613339	-	AESUB Blue	13.5	Ounces(OZ)	19-Feb-21
0001613361	-	Aluminium oxide 90 active basic	1	Kilograms(KG)	19-Feb-21
0001613357	-	PURELINK RNA MINI KIT	200	Gram(GM)	19-Feb-21
0001613358	-	PURELINK RNA MINI KIT	200	Gram(GM)	19-Feb-21
0001612392	1849-27-0	1 4-BIS(PHENYLETHYNYL)BENZENE	25	Gram(GM)	19-Feb-21
0001612393	1849-27-0	1 4-BIS(PHENYLETHYNYL)BENZENE	25	Gram(GM)	19-Feb-21
0001612394	67-56-1	METHANOL ANHYDROUS	100	Milliliter(ML)	19-Feb-21
0001612395	14836-60-3	MERCUROUS NITRATE DIHYDRATE	250	Gram(GM)	19-Feb-21
0001612397	14836-60-3	MERCUROUS NITRATE DIHYDRATE	250	Gram(GM)	19-Feb-21
0001612396	14836-60-3	MERCUROUS NITRATE DIHYDRATE	250	Gram(GM)	19-Feb-21
0001612398	14836-60-3	MERCUROUS NITRATE DIHYDRATE	250	Gram(GM)	19-Feb-21
0001612741	7681-52-9	Clorox Concentrated Germicidal Bleach	121	Ounces(OZ)	19-Feb-21
0001612748	7681-52-9	Clorox Concentrated Germicidal Bleach	121	Ounces(OZ)	19-Feb-21
0001612746	7681-52-9	Clorox Concentrated Germicidal Bleach	121	Ounces(OZ)	19-Feb-21
0001612745	7681-52-9	Clorox Concentrated Germicidal Bleach	121	Ounces(OZ)	19-Feb-21
0001612744	7681-52-9	Clorox Concentrated Germicidal Bleach	121	Ounces(OZ)	19-Feb-21
0001612743	7681-52-9	Clorox Concentrated Germicidal Bleach	121	Ounces(OZ)	19-Feb-21
0001612742	7681-52-9	Clorox Concentrated Germicidal Bleach	121	Ounces(OZ)	19-Feb-21
0001612747	7681-52-9	Clorox Concentrated Germicidal Bleach	121	Ounces(OZ)	19-Feb-21
0001612749	7681-52-9	Clorox Concentrated Germicidal Bleach	121	Ounces(OZ)	19-Feb-21
0001613359	-	BUFFER SOLUTION PH 4.01	500	Milliliter(ML)	19-Feb-21
0001613360	-	BUFFER SOLUTION PH 10.01	500	Milliliter(ML)	19-Feb-21
0001613362	7758-99-8	COPPER(II) SULFATE PENTAHYDRATE	5	Kilograms(KG)	19-Feb-21
0001613363	7758-99-8	COPPER(II) SULFATE PENTAHYDRATE	5	Kilograms(KG)	19-Feb-21
0001613364	7758-99-8	COPPER(II) SULFATE PENTAHYDRATE	5	Kilograms(KG)	19-Feb-21
0001613365	-	TRYPLE EXPRESS	100	Milliliter(ML)	19-Feb-21
0001613366	-	Griess Reagent Kit for Nitrite Determination (G-7921)	1	Gram(GM)	19-Feb-21
0001613367	-	SODIUM HYDROXIDE	1	Liters(L)	19-Feb-21
0001613368	-	Clarity Max Western ECL Substrate Kit	100	Milliliter(ML)	19-Feb-21
0001613369	-	Hydrochloric Acid	50	Milliliter(ML)	19-Feb-21
0001613371	1310-73-2	SODIUM HYDROXIDE	500	Gram(GM)	19-Feb-21
0001613372	1310-73-2	SODIUM HYDROXIDE	500	Gram(GM)	19-Feb-21
0001613373	1310-73-2	SODIUM HYDROXIDE	500	Gram(GM)	19-Feb-21
0001613374	1310-73-2	SODIUM HYDROXIDE	500	Gram(GM)	19-Feb-21
0001613375	1310-73-2	SODIUM HYDROXIDE	500	Gram(GM)	19-Feb-21
0001613376	1310-73-2	SODIUM HYDROXIDE	500	Gram(GM)	19-Feb-21
0001613378	13446-18-9	MAGNESIUM NITRATE HEXAHYDRATE	500	Gram(GM)	19-Feb-21
0001613379	-	Diamond Powder BMP-I 2-4	1000	Gram(GM)	19-Feb-21
0001613380	-	1000 ug/mL Sulfur	125	Milliliter(ML)	19-Feb-21
0001613381	-	1000 ug/mL Phosphorus	125	Milliliter(ML)	19-Feb-21
0001658146	7440-59-7	HELIUM GAS	20	Liters(L)	22-Feb-21
0001658147	-	AIR COMPRESSED	220	Cubic Feet(CF)	22-Feb-21
0001613382	24597-12-4	GALLIUM(II) CHLORIDE	5	Gram(GM)	22-Feb-21
0001613377	-	1 ug/ml Uranium	125	Milliliter(ML)	22-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001613383	7647-14-5	SODIUM CHLORIDE	25	Gram(GM)	22-Feb-21
0001613384	7447-40-7	POTASSIUM CHLORIDE	50	Gram(GM)	22-Feb-21
0001613385	7775-14-6	SODIUM HYDROSULFITE	25	Gram(GM)	22-Feb-21
0001613386	68-12-2	DIMETHYLFORMAMIDE	1	Liters(L)	22-Feb-21
0001613387	68-12-2	DIMETHYLFORMAMIDE	1	Liters(L)	22-Feb-21
0001613388	68-12-2	DIMETHYLFORMAMIDE	1	Liters(L)	22-Feb-21
0001613390	68-12-2	DIMETHYLFORMAMIDE	1	Liters(L)	22-Feb-21
0001613391	68-12-2	DIMETHYLFORMAMIDE	1	Liters(L)	22-Feb-21
0001613389	68-12-2	DIMETHYLFORMAMIDE	1	Liters(L)	22-Feb-21
0001613392	-	XIAMETER AFE-1510	3	Gallon(GAL)	22-Feb-21
0001613393	-	XIAMETER AFE-1510	3	Gallon(GAL)	22-Feb-21
0001613394	-	XIAMETER AFE-1510	3	Gallon(GAL)	22-Feb-21
0001613395	937-14-4	3-CHLOROPEROXYBENZOIC ACID	1	Kilograms(KG)	22-Feb-21
0001613396	100-39-0	BENZYL BROMIDE	500	Gram(GM)	23-Feb-21
0001613397	497-19-8	SODIUM CARBONATE	5	Kilograms(KG)	23-Feb-21
0001613398	64-19-7	ACETIC ACID GLACIAL	4	Liters(L)	23-Feb-21
0001423308	-	SPRAY ENAMEL STANDARD GREY PK498P	12	Ounces(OZ)	23-Feb-21
0001613399	7722-84-1	HYDROGEN PEROXIDE 30%	4	Liters(L)	23-Feb-21
0001613402	7722-84-1	HYDROGEN PEROXIDE 30%	4	Liters(L)	23-Feb-21
0001613400	7722-84-1	HYDROGEN PEROXIDE 30%	4	Liters(L)	23-Feb-21
0001613401	7722-84-1	HYDROGEN PEROXIDE 30%	4	Liters(L)	23-Feb-21
0001613480	-	10X TRIS/GLYCINE/SDS BUFFER	1	Liters(L)	23-Feb-21
0001613479	-	10X TRIS/GLYCINE BUFFER	1	Liters(L)	23-Feb-21
0001658148	75-28-5	ISOBUTANE	220	Cubic Feet(CF)	23-Feb-21
0001658152	75-28-5	ISOBUTANE	220	Cubic Feet(CF)	23-Feb-21
0001658150	75-28-5	ISOBUTANE	220	Cubic Feet(CF)	23-Feb-21
0001658149	75-28-5	ISOBUTANE	220	Cubic Feet(CF)	23-Feb-21
0001658151	75-28-5	ISOBUTANE	220	Cubic Feet(CF)	23-Feb-21
0001658153	-	ACCUDRI SF6 - Sulfur Hexafluoride	220	Cubic Feet(CF)	23-Feb-21
0001658156	-	ACCUDRI SF6 - Sulfur Hexafluoride	220	Cubic Feet(CF)	23-Feb-21
0001658155	-	ACCUDRI SF6 - Sulfur Hexafluoride	220	Cubic Feet(CF)	23-Feb-21
0001658157	-	ACCUDRI SF6 - Sulfur Hexafluoride	220	Cubic Feet(CF)	23-Feb-21
0001658158	-	ACCUDRI SF6 - Sulfur Hexafluoride	220	Cubic Feet(CF)	23-Feb-21
0001658159	-	ACCUDRI SF6 - Sulfur Hexafluoride	220	Cubic Feet(CF)	23-Feb-21
0001658160	-	ACCUDRI SF6 - Sulfur Hexafluoride	220	Cubic Feet(CF)	23-Feb-21
0001658161	-	ACCUDRI SF6 - Sulfur Hexafluoride	220	Cubic Feet(CF)	23-Feb-21
0001658162	-	ACCUDRI SF6 - Sulfur Hexafluoride	220	Cubic Feet(CF)	23-Feb-21
0001658163	-	ACCUDRI SF6 - Sulfur Hexafluoride	220	Cubic Feet(CF)	23-Feb-21
0001658164	-	ACCUDRI SF6 - Sulfur Hexafluoride	220	Cubic Feet(CF)	23-Feb-21
0001658165	-	ACCUDRI SF6 - Sulfur Hexafluoride	220	Cubic Feet(CF)	23-Feb-21
0001658154	-	ACCUDRI SF6 - Sulfur Hexafluoride	220	Cubic Feet(CF)	23-Feb-21
0001658166	-	ARGON GAS	220	Cubic Feet(CF)	23-Feb-21
0001658167	-	ARGON GAS	220	Cubic Feet(CF)	23-Feb-21
0001658204	-	ARGON GAS	220	Cubic Feet(CF)	23-Feb-21
0001658186	-	ARGON GAS	220	Cubic Feet(CF)	23-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001658178	-	ARGON GAS	220	Cubic Feet(CF)	23-Feb-21
0001658188	-	ARGON GAS	220	Cubic Feet(CF)	23-Feb-21
0001658189	-	ARGON GAS	220	Cubic Feet(CF)	23-Feb-21
0001658185	-	ARGON GAS	220	Cubic Feet(CF)	23-Feb-21
0001658179	-	ARGON GAS	220	Cubic Feet(CF)	23-Feb-21
0001658184	-	ARGON GAS	220	Cubic Feet(CF)	23-Feb-21
0001658183	-	ARGON GAS	220	Cubic Feet(CF)	23-Feb-21
0001658182	-	ARGON GAS	220	Cubic Feet(CF)	23-Feb-21
0001658187	-	ARGON GAS	220	Cubic Feet(CF)	23-Feb-21
0001658205	-	ARGON GAS	220	Cubic Feet(CF)	23-Feb-21
0001658196	-	ARGON GAS	220	Cubic Feet(CF)	23-Feb-21
0001658193	-	ARGON GAS	220	Cubic Feet(CF)	23-Feb-21
0001658192	-	ARGON GAS	220	Cubic Feet(CF)	23-Feb-21
0001658191	-	ARGON GAS	220	Cubic Feet(CF)	23-Feb-21
0001658190	-	ARGON GAS	220	Cubic Feet(CF)	23-Feb-21
0001658194	-	ARGON GAS	220	Cubic Feet(CF)	23-Feb-21
0001658181	-	ARGON GAS	220	Cubic Feet(CF)	23-Feb-21
0001658195	-	ARGON GAS	220	Cubic Feet(CF)	23-Feb-21
0001658180	-	ARGON GAS	220	Cubic Feet(CF)	23-Feb-21
0001658197	-	ARGON GAS	220	Cubic Feet(CF)	23-Feb-21
0001658198	-	ARGON GAS	220	Cubic Feet(CF)	23-Feb-21
0001658199	-	ARGON GAS	220	Cubic Feet(CF)	23-Feb-21
0001658200	-	ARGON GAS	220	Cubic Feet(CF)	23-Feb-21
0001658201	-	ARGON GAS	220	Cubic Feet(CF)	23-Feb-21
0001658202	-	ARGON GAS	220	Cubic Feet(CF)	23-Feb-21
0001658203	-	ARGON GAS	220	Cubic Feet(CF)	23-Feb-21
0001658168	-	75% ARGON/25% CARBON DIOXIDE	220	Cubic Feet(CF)	23-Feb-21
0001658169	-	75% ARGON/25% CARBON DIOXIDE	220	Cubic Feet(CF)	23-Feb-21
0001658171	-	Compressed Air	220	Cubic Feet(CF)	23-Feb-21
0001658175	-	Compressed Air	220	Cubic Feet(CF)	23-Feb-21
0001658172	-	Compressed Air	220	Cubic Feet(CF)	23-Feb-21
0001658174	-	Compressed Air	220	Cubic Feet(CF)	23-Feb-21
0001658176	-	Compressed Air	220	Cubic Feet(CF)	23-Feb-21
0001658177	-	Compressed Air	220	Cubic Feet(CF)	23-Feb-21
0001658173	-	Compressed Air	220	Cubic Feet(CF)	23-Feb-21
0001658206	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	23-Feb-21
0001658210	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	23-Feb-21
0001658213	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	23-Feb-21
0001658207	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	23-Feb-21
0001658208	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	23-Feb-21
0001658209	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	23-Feb-21
0001658212	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	23-Feb-21
0001658211	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	23-Feb-21
0001658345	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	23-Feb-21
0001658352	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	23-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001658359	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	23-Feb-21
0001658358	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	23-Feb-21
0001658357	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	23-Feb-21
0001658356	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	23-Feb-21
0001658346	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	23-Feb-21
0001658355	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	23-Feb-21
0001658351	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	23-Feb-21
0001658350	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	23-Feb-21
0001658349	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	23-Feb-21
0001658348	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	23-Feb-21
0001658347	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	23-Feb-21
0001658353	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	23-Feb-21
0001658354	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	23-Feb-21
0001658214	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Feb-21
0001658232	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Feb-21
0001658224	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Feb-21
0001658237	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Feb-21
0001658236	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Feb-21
0001658235	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Feb-21
0001658233	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Feb-21
0001658231	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Feb-21
0001658230	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Feb-21
0001658229	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Feb-21
0001658228	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Feb-21
0001658227	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Feb-21
0001658225	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Feb-21
0001658238	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Feb-21
0001658223	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Feb-21
0001658222	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Feb-21
0001658221	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Feb-21
0001658220	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Feb-21
0001658219	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Feb-21
0001658234	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Feb-21
0001658226	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Feb-21
0001658218	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Feb-21
0001658217	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Feb-21
0001658216	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Feb-21
0001658215	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Feb-21
0001658239	-	Oxygen 21% Helium balance	220	Cubic Feet(CF)	23-Feb-21
0001658240	-	Oxygen 21% Helium balance	220	Cubic Feet(CF)	23-Feb-21
0001658241	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	23-Feb-21
0001658250	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	23-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001658256	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	23-Feb-21
0001658255	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	23-Feb-21
0001658254	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	23-Feb-21
0001658253	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	23-Feb-21
0001658251	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	23-Feb-21
0001658249	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	23-Feb-21
0001658248	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	23-Feb-21
0001658247	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	23-Feb-21
0001658246	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	23-Feb-21
0001658245	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	23-Feb-21
0001658244	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	23-Feb-21
0001658243	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	23-Feb-21
0001658242	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	23-Feb-21
0001658252	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	23-Feb-21
0001658269	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	23-Feb-21
0001658264	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	23-Feb-21
0001658270	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	23-Feb-21
0001658268	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	23-Feb-21
0001658267	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	23-Feb-21
0001658266	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	23-Feb-21
0001658265	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	23-Feb-21
0001658262	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	23-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001658261	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	23-Feb-21
0001658260	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	23-Feb-21
0001658259	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	23-Feb-21
0001658258	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	23-Feb-21
0001658271	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	23-Feb-21
0001658257	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	23-Feb-21
0001658263	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	23-Feb-21
0001658272	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	23-Feb-21
0001658281	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	23-Feb-21
0001658282	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	23-Feb-21
0001658280	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	23-Feb-21
0001658279	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	23-Feb-21
0001658278	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	23-Feb-21
0001658276	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	23-Feb-21
0001658275	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	23-Feb-21
0001658274	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	23-Feb-21
0001658273	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	23-Feb-21
0001658277	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	23-Feb-21
0001658283	-	HYDROGEN GAS	220	Cubic Feet(CF)	23-Feb-21
0001658288	-	HYDROGEN GAS	220	Cubic Feet(CF)	23-Feb-21
0001658289	-	HYDROGEN GAS	220	Cubic Feet(CF)	23-Feb-21
0001658287	-	HYDROGEN GAS	220	Cubic Feet(CF)	23-Feb-21
0001658286	-	HYDROGEN GAS	220	Cubic Feet(CF)	23-Feb-21
0001658285	-	HYDROGEN GAS	220	Cubic Feet(CF)	23-Feb-21
0001658284	-	HYDROGEN GAS	220	Cubic Feet(CF)	23-Feb-21
0001658290	-	HYDROGEN GAS	220	Cubic Feet(CF)	23-Feb-21
0001658291	74-98-6	PROPANE	100	Pounds(LB)	23-Feb-21
0001658292	74-98-6	PROPANE	100	Pounds(LB)	23-Feb-21
0001658293	74-98-6	PROPANE	100	Pounds(LB)	23-Feb-21
0001658294	74-98-6	PROPANE	100	Pounds(LB)	23-Feb-21
0001658295	74-98-6	PROPANE	100	Pounds(LB)	23-Feb-21
0001658296	74-86-2	ACETYLENE STABILIZED	10	Cubic Feet(CF)	23-Feb-21
0001658299	74-86-2	ACETYLENE STABILIZED	10	Cubic Feet(CF)	23-Feb-21
0001658302	74-86-2	ACETYLENE STABILIZED	10	Cubic Feet(CF)	23-Feb-21
0001658298	74-86-2	ACETYLENE STABILIZED	10	Cubic Feet(CF)	23-Feb-21
0001658300	74-86-2	ACETYLENE STABILIZED	10	Cubic Feet(CF)	23-Feb-21
0001658301	74-86-2	ACETYLENE STABILIZED	10	Cubic Feet(CF)	23-Feb-21
0001658297	74-86-2	ACETYLENE STABILIZED	10	Cubic Feet(CF)	23-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001658311	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	23-Feb-21
0001658317	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	23-Feb-21
0001658316	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	23-Feb-21
0001658315	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	23-Feb-21
0001658310	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	23-Feb-21
0001658314	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	23-Feb-21
0001658312	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	23-Feb-21
0001658303	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	23-Feb-21
0001658304	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	23-Feb-21
0001658305	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	23-Feb-21
0001658306	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	23-Feb-21
0001658307	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	23-Feb-21
0001658308	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	23-Feb-21
0001658309	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	23-Feb-21
0001658313	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	23-Feb-21
0001658318	74-86-2	ACETYLENE STABILIZED	240	Cubic Feet(CF)	23-Feb-21
0001658319	74-98-6	PROPANE	11	Gallon(GAL)	23-Feb-21
0001658320	74-98-6	PROPANE	11	Gallon(GAL)	23-Feb-21
0001658321	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	23-Feb-21
0001658328	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	23-Feb-21
0001658332	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	23-Feb-21
0001658331	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	23-Feb-21
0001658329	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	23-Feb-21
0001658327	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	23-Feb-21
0001658326	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	23-Feb-21
0001658325	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	23-Feb-21
0001658324	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	23-Feb-21
0001658323	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	23-Feb-21
0001658322	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	23-Feb-21
0001658330	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	23-Feb-21
0001658333	-	95% NITROGEN/5% HYDROGEN	220	Cubic Feet(CF)	23-Feb-21
0001658343	-	95% NITROGEN/5% HYDROGEN	220	Cubic Feet(CF)	23-Feb-21
0001658339	-	95% NITROGEN/5% HYDROGEN	220	Cubic Feet(CF)	23-Feb-21
0001658344	-	95% NITROGEN/5% HYDROGEN	220	Cubic Feet(CF)	23-Feb-21
0001658342	-	95% NITROGEN/5% HYDROGEN	220	Cubic Feet(CF)	23-Feb-21
0001658341	-	95% NITROGEN/5% HYDROGEN	220	Cubic Feet(CF)	23-Feb-21
0001658340	-	95% NITROGEN/5% HYDROGEN	220	Cubic Feet(CF)	23-Feb-21
0001658337	-	95% NITROGEN/5% HYDROGEN	220	Cubic Feet(CF)	23-Feb-21
0001658336	-	95% NITROGEN/5% HYDROGEN	220	Cubic Feet(CF)	23-Feb-21
0001658335	-	95% NITROGEN/5% HYDROGEN	220	Cubic Feet(CF)	23-Feb-21
0001658334	-	95% NITROGEN/5% HYDROGEN	220	Cubic Feet(CF)	23-Feb-21
0001658338	-	95% NITROGEN/5% HYDROGEN	220	Cubic Feet(CF)	23-Feb-21
0001661863	7429-91-6	DYSPROSIUM METAL	64	Cubic Centimeter (CC)	23-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001423337	-	PIPE THREAD SEALANT	4	Ounces(OZ)	23-Feb-21
0001423339	-	PIPE THREAD SEALANT	4	Ounces(OZ)	23-Feb-21
0001423351	-	PIPE THREAD SEALANT	4	Ounces(OZ)	23-Feb-21
0001423349	-	PIPE THREAD SEALANT	4	Ounces(OZ)	23-Feb-21
0001423348	-	PIPE THREAD SEALANT	4	Ounces(OZ)	23-Feb-21
0001423347	-	PIPE THREAD SEALANT	4	Ounces(OZ)	23-Feb-21
0001423346	-	PIPE THREAD SEALANT	4	Ounces(OZ)	23-Feb-21
0001423345	-	PIPE THREAD SEALANT	4	Ounces(OZ)	23-Feb-21
0001423344	-	PIPE THREAD SEALANT	4	Ounces(OZ)	23-Feb-21
0001423353	-	PIPE THREAD SEALANT	4	Ounces(OZ)	23-Feb-21
0001423340	-	PIPE THREAD SEALANT	4	Ounces(OZ)	23-Feb-21
0001423352	-	PIPE THREAD SEALANT	4	Ounces(OZ)	23-Feb-21
0001423338	-	PIPE THREAD SEALANT	4	Ounces(OZ)	23-Feb-21
0001423342	-	PIPE THREAD SEALANT	4	Ounces(OZ)	23-Feb-21
0001423343	-	PIPE THREAD SEALANT	4	Ounces(OZ)	23-Feb-21
0001423341	-	PIPE THREAD SEALANT	4	Ounces(OZ)	23-Feb-21
0001423355	-	PIPE THREAD SEALANT	4	Ounces(OZ)	23-Feb-21
0001423356	-	PIPE THREAD SEALANT	4	Ounces(OZ)	23-Feb-21
0001423357	-	PIPE THREAD SEALANT	4	Ounces(OZ)	23-Feb-21
0001423350	-	PIPE THREAD SEALANT	4	Ounces(OZ)	23-Feb-21
0001423358	-	PIPE THREAD SEALANT	4	Ounces(OZ)	23-Feb-21
0001423359	-	PIPE THREAD SEALANT	4	Ounces(OZ)	23-Feb-21
0001423360	-	PIPE THREAD SEALANT	4	Ounces(OZ)	23-Feb-21
0001423354	-	PIPE THREAD SEALANT	4	Ounces(OZ)	23-Feb-21
0001613481	-	SYLGARD 184	5	Gram(GM)	23-Feb-21
0001613482	-	SYLGARD 184	5	Gram(GM)	23-Feb-21
0001613483	10035-04-8	CALCIUM CHLORIDE DIHYDRATE	500	Gram(GM)	23-Feb-21
0001611964	107-21-1	ETHYLENE GLYCOL	1	Liters(L)	23-Feb-21
0001612694	-	ALUMINA RIGIDIZER	5	Gallon(GAL)	23-Feb-21
0001613467	-	LOCTITE LB 771 NICKEL GRADE ANTI-SEIZE	8	Ounces(OZ)	23-Feb-21
0001613468	-	LOCTITE LB 771 NICKEL GRADE ANTI-SEIZE	8	Ounces(OZ)	23-Feb-21
0001613469	18162-48-6	TERT-BUTYLDIMETHYLSILYL CHLORIDE	100	Gram(GM)	24-Feb-21
0001613470	7697-37-2	NITRIC ACID	500	Milliliter(ML)	24-Feb-21
0001613471	7681-52-9	SODIUM HYPOCHLORITE	250	Milliliter(ML)	24-Feb-21
0001627413	-	LIQUID NAILS HEAVY DUTY	10	Ounces(OZ)	24-Feb-21
0001627414	-	LIQUID NAILS HEAVY DUTY	10	Ounces(OZ)	24-Feb-21
0001627415	-	LIQUID NAILS HEAVY DUTY	10	Ounces(OZ)	24-Feb-21
0001627416	-	LIQUID NAILS HEAVY DUTY	10	Ounces(OZ)	24-Feb-21
0001627417	-	LIQUID NAILS HEAVY DUTY	10	Ounces(OZ)	24-Feb-21
0001627418	-	LIQUID NAILS HEAVY DUTY	10	Ounces(OZ)	24-Feb-21
0001627424	-	LIQUID NAILS HEAVY DUTY	10	Ounces(OZ)	24-Feb-21
0001627419	-	LIQUID NAILS HEAVY DUTY	10	Ounces(OZ)	24-Feb-21
0001627420	-	LIQUID NAILS HEAVY DUTY	10	Ounces(OZ)	24-Feb-21
0001627423	-	LIQUID NAILS HEAVY DUTY	10	Ounces(OZ)	24-Feb-21
0001627425	-	LIQUID NAILS HEAVY DUTY	10	Ounces(OZ)	24-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001627426	-	LIQUID NAILS HEAVY DUTY	10	Ounces(OZ)	24-Feb-21
0001627427	-	LIQUID NAILS HEAVY DUTY	10	Ounces(OZ)	24-Feb-21
0001627422	-	LIQUID NAILS HEAVY DUTY	10	Ounces(OZ)	24-Feb-21
0001627421	-	LIQUID NAILS HEAVY DUTY	10	Ounces(OZ)	24-Feb-21
0001577551	-	LIQUID NAILS HEAVY DUTY	10	Ounces(OZ)	24-Feb-21
0001577572	-	LIQUID NAILS HEAVY DUTY	10	Ounces(OZ)	24-Feb-21
0001577561	-	LIQUID NAILS HEAVY DUTY	10	Ounces(OZ)	24-Feb-21
0001577562	-	LIQUID NAILS HEAVY DUTY	10	Ounces(OZ)	24-Feb-21
0001577563	-	LIQUID NAILS HEAVY DUTY	10	Ounces(OZ)	24-Feb-21
0001577564	-	LIQUID NAILS HEAVY DUTY	10	Ounces(OZ)	24-Feb-21
0001577566	-	LIQUID NAILS HEAVY DUTY	10	Ounces(OZ)	24-Feb-21
0001577568	-	LIQUID NAILS HEAVY DUTY	10	Ounces(OZ)	24-Feb-21
0001577569	-	LIQUID NAILS HEAVY DUTY	10	Ounces(OZ)	24-Feb-21
0001577560	-	LIQUID NAILS HEAVY DUTY	10	Ounces(OZ)	24-Feb-21
0001577571	-	LIQUID NAILS HEAVY DUTY	10	Ounces(OZ)	24-Feb-21
0001577565	-	LIQUID NAILS HEAVY DUTY	10	Ounces(OZ)	24-Feb-21
0001577573	-	LIQUID NAILS HEAVY DUTY	10	Ounces(OZ)	24-Feb-21
0001577574	-	LIQUID NAILS HEAVY DUTY	10	Ounces(OZ)	24-Feb-21
0001577570	-	LIQUID NAILS HEAVY DUTY	10	Ounces(OZ)	24-Feb-21
0001577558	-	LIQUID NAILS HEAVY DUTY	10	Ounces(OZ)	24-Feb-21
0001577557	-	LIQUID NAILS HEAVY DUTY	10	Ounces(OZ)	24-Feb-21
0001577556	-	LIQUID NAILS HEAVY DUTY	10	Ounces(OZ)	24-Feb-21
0001577555	-	LIQUID NAILS HEAVY DUTY	10	Ounces(OZ)	24-Feb-21
0001577567	-	LIQUID NAILS HEAVY DUTY	10	Ounces(OZ)	24-Feb-21
0001577554	-	LIQUID NAILS HEAVY DUTY	10	Ounces(OZ)	24-Feb-21
0001577559	-	LIQUID NAILS HEAVY DUTY	10	Ounces(OZ)	24-Feb-21
0001577553	-	LIQUID NAILS HEAVY DUTY	10	Ounces(OZ)	24-Feb-21
0001577552	-	LIQUID NAILS HEAVY DUTY	10	Ounces(OZ)	24-Feb-21
V000007CA0	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	24-Feb-21
V000007C9F	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	24-Feb-21
V000007C9E	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	24-Feb-21
0001627428	-	Chemsafe Clear	5	Gallon(GAL)	24-Feb-21
0001613472	60-29-7	ETHYL ETHER	4	Liters(L)	24-Feb-21
0001613473	60-29-7	ETHYL ETHER	4	Liters(L)	24-Feb-21
0001627429	-	Chemsafe Clear	5	Gallon(GAL)	24-Feb-21
0001613474	64742-47-8	Clarifloc C-6265	55	Gallon(GAL)	24-Feb-21
0001613475	64742-47-8	Clarifloc C-6265	55	Gallon(GAL)	24-Feb-21
0001577575	-	WHITE LIGHTNING Window & Door Weather Seal Siliconized Acrylic Latex Caulk White	10	Ounces(OZ)	24-Feb-21
0001577600	-	WHITE LIGHTNING Window & Door Weather Seal Siliconized Acrylic Latex Caulk White	10	Ounces(OZ)	24-Feb-21
0001577594	-	WHITE LIGHTNING Window & Door Weather Seal Siliconized Acrylic Latex Caulk White	10	Ounces(OZ)	24-Feb-21
0001577595	-	WHITE LIGHTNING Window & Door Weather Seal Siliconized Acrylic Latex Caulk White	10	Ounces(OZ)	24-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001577593	-	WHITE LIGHTNING Window & Door Weather Seal Siliconized Acrylic Latex Caulk White	10	Ounces(OZ)	24-Feb-21
0001577596	-	WHITE LIGHTNING Window & Door Weather Seal Siliconized Acrylic Latex Caulk White	10	Ounces(OZ)	24-Feb-21
0001577597	-	WHITE LIGHTNING Window & Door Weather Seal Siliconized Acrylic Latex Caulk White	10	Ounces(OZ)	24-Feb-21
0001577598	-	WHITE LIGHTNING Window & Door Weather Seal Siliconized Acrylic Latex Caulk White	10	Ounces(OZ)	24-Feb-21
0001577599	-	WHITE LIGHTNING Window & Door Weather Seal Siliconized Acrylic Latex Caulk White	10	Ounces(OZ)	24-Feb-21
0001577601	-	WHITE LIGHTNING Window & Door Weather Seal Siliconized Acrylic Latex Caulk White	10	Ounces(OZ)	24-Feb-21
0001577602	-	WHITE LIGHTNING Window & Door Weather Seal Siliconized Acrylic Latex Caulk White	10	Ounces(OZ)	24-Feb-21
0001577603	-	WHITE LIGHTNING Window & Door Weather Seal Siliconized Acrylic Latex Caulk White	10	Ounces(OZ)	24-Feb-21
0001577604	-	WHITE LIGHTNING Window & Door Weather Seal Siliconized Acrylic Latex Caulk White	10	Ounces(OZ)	24-Feb-21
0001577605	-	WHITE LIGHTNING Window & Door Weather Seal Siliconized Acrylic Latex Caulk White	10	Ounces(OZ)	24-Feb-21
0001577607	-	WHITE LIGHTNING Window & Door Weather Seal Siliconized Acrylic Latex Caulk White	10	Ounces(OZ)	24-Feb-21
0001577592	-	WHITE LIGHTNING Window & Door Weather Seal Siliconized Acrylic Latex Caulk White	10	Ounces(OZ)	24-Feb-21
0001577588	-	WHITE LIGHTNING Window & Door Weather Seal Siliconized Acrylic Latex Caulk White	10	Ounces(OZ)	24-Feb-21
0001577606	-	WHITE LIGHTNING Window & Door Weather Seal Siliconized Acrylic Latex Caulk White	10	Ounces(OZ)	24-Feb-21
0001577581	-	WHITE LIGHTNING Window & Door Weather Seal Siliconized Acrylic Latex Caulk White	10	Ounces(OZ)	24-Feb-21
0001577590	-	WHITE LIGHTNING Window & Door Weather Seal Siliconized Acrylic Latex Caulk White	10	Ounces(OZ)	24-Feb-21
0001577577	-	WHITE LIGHTNING Window & Door Weather Seal Siliconized Acrylic Latex Caulk White	10	Ounces(OZ)	24-Feb-21
0001577578	-	WHITE LIGHTNING Window & Door Weather Seal Siliconized Acrylic Latex Caulk White	10	Ounces(OZ)	24-Feb-21
0001577591	-	WHITE LIGHTNING Window & Door Weather Seal Siliconized Acrylic Latex Caulk White	10	Ounces(OZ)	24-Feb-21
0001577580	-	WHITE LIGHTNING Window & Door Weather Seal Siliconized Acrylic Latex Caulk White	10	Ounces(OZ)	24-Feb-21
0001577576	-	WHITE LIGHTNING Window & Door Weather Seal Siliconized Acrylic Latex Caulk White	10	Ounces(OZ)	24-Feb-21
0001577582	-	WHITE LIGHTNING Window & Door Weather Seal Siliconized Acrylic Latex Caulk White	10	Ounces(OZ)	24-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001577583	-	WHITE LIGHTNING Window & Door Weather Seal Siliconized Acrylic Latex Caulk White	10	Ounces(OZ)	24-Feb-21
0001577584	-	WHITE LIGHTNING Window & Door Weather Seal Siliconized Acrylic Latex Caulk White	10	Ounces(OZ)	24-Feb-21
0001577585	-	WHITE LIGHTNING Window & Door Weather Seal Siliconized Acrylic Latex Caulk White	10	Ounces(OZ)	24-Feb-21
0001577586	-	WHITE LIGHTNING Window & Door Weather Seal Siliconized Acrylic Latex Caulk White	10	Ounces(OZ)	24-Feb-21
0001577587	-	WHITE LIGHTNING Window & Door Weather Seal Siliconized Acrylic Latex Caulk White	10	Ounces(OZ)	24-Feb-21
0001577589	-	WHITE LIGHTNING Window & Door Weather Seal Siliconized Acrylic Latex Caulk White	10	Ounces(OZ)	24-Feb-21
0001577579	-	WHITE LIGHTNING Window & Door Weather Seal Siliconized Acrylic Latex Caulk White	10	Ounces(OZ)	24-Feb-21
0001577623	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577653	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577654	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577655	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577656	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577652	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577657	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577658	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577659	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577660	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577661	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577662	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577651	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577664	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577642	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001577665	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577663	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577641	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577666	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577636	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577637	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577635	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577638	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577644	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577640	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577650	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577643	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577645	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577646	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577647	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577648	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577649	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577639	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577631	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577625	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577632	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577630	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001577629	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577628	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577627	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577626	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577624	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577634	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577633	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577686	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577687	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577694	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577693	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577692	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577691	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577690	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577689	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577677	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577673	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577672	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577671	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577670	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577669	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577668	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001577667	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577688	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577676	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577674	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577678	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577679	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577680	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577681	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577682	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577683	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577684	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577685	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577675	-	Touch N Foam Max Fill Triple Expanding Sealant	10	Ounces(OZ)	24-Feb-21
0001577695	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577736	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577737	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577726	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577745	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577744	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577734	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577742	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577696	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001577740	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577747	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577738	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577748	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577735	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577733	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577732	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577731	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577730	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577729	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577728	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577727	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577739	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577757	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577766	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577765	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577764	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577763	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577762	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577761	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577760	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577746	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001577758	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577741	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577756	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577755	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577754	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577753	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577752	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577751	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577750	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577749	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577759	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577702	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577697	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577698	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577699	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577743	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577701	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577725	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577703	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577704	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577705	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577706	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001577707	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577708	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577709	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577710	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577718	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577724	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577700	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577711	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577722	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577721	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577723	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577719	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577717	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577716	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577712	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577714	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577720	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577715	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577713	-	Touch N Foam Max Fill Triple Expanding Sealant	12	Ounces(OZ)	24-Feb-21
0001577608	-	Rando HD 32 46 68	5	Gallon(GAL)	24-Feb-21
0001577613	-	Rando HD 32 46 68	5	Gallon(GAL)	24-Feb-21
0001577610	-	Rando HD 32 46 68	5	Gallon(GAL)	24-Feb-21
0001577611	-	Rando HD 32 46 68	5	Gallon(GAL)	24-Feb-21
0001577612	-	Rando HD 32 46 68	5	Gallon(GAL)	24-Feb-21
0001577617	-	Rando HD 32 46 68	5	Gallon(GAL)	24-Feb-21
0001577616	-	Rando HD 32 46 68	5	Gallon(GAL)	24-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001577615	-	Rando HD 32 46 68	5	Gallon(GAL)	24-Feb-21
0001577614	-	Rando HD 32 46 68	5	Gallon(GAL)	24-Feb-21
0001577609	-	Rando HD 32 46 68	5	Gallon(GAL)	24-Feb-21
0001612750	-	Loctite 3D SI Elastomeric 5010	1	Liters(L)	24-Feb-21
0001607717	-	Intellipack SmartFoam B	55	Gallon(GAL)	25-Feb-21
0001607718	-	Intellipack SmartFoam A	55	Gallon(GAL)	25-Feb-21
0001613403	2564-83-2	TEMPO FREE RADICAL	1	Gram(GM)	25-Feb-21
0001613404	63393-96-4	Methyltrialkylammonium chloride	250	Milliliter(ML)	25-Feb-21
0001613406	63393-96-4	Methyltrialkylammonium chloride	250	Milliliter(ML)	25-Feb-21
0001613407	63393-96-4	Methyltrialkylammonium chloride	250	Milliliter(ML)	25-Feb-21
0001613405	63393-96-4	Methyltrialkylammonium chloride	250	Milliliter(ML)	25-Feb-21
0001540810	-	Blaster	11	Ounces(OZ)	25-Feb-21
0001540811	-	Blaster	11	Ounces(OZ)	25-Feb-21
0001540812	-	Blaster	11	Ounces(OZ)	25-Feb-21
0001540813	-	Blaster	11	Ounces(OZ)	25-Feb-21
0001540814	-	Blaster	11	Ounces(OZ)	25-Feb-21
0001540815	-	Blaster	11	Ounces(OZ)	25-Feb-21
0001613408	13537-18-3	Thulium(III) chloride	5	Gram(GM)	25-Feb-21
0001613410	79069-50-4	Boc-L-alanine aldehyde	1	Gram(GM)	25-Feb-21
0001613411	1898-66-4	2 2-DIPHENYL-1-PICRYLHYDRAZYLHYDRATE	250	Milligram(MG)	25-Feb-21
0001613412	865-49-6	CHLOROFORM-D	100	Gram(GM)	25-Feb-21
0001613415	865-49-6	CHLOROFORM-D	100	Gram(GM)	25-Feb-21
0001613414	865-49-6	CHLOROFORM-D	100	Gram(GM)	25-Feb-21
0001613413	865-49-6	CHLOROFORM-D	100	Gram(GM)	25-Feb-21
0001613416	67-64-1	ACETONE FOR HPLC	4	Liters(L)	25-Feb-21
0001613417	67-64-1	ACETONE FOR HPLC	4	Liters(L)	25-Feb-21
0001613418	1344-28-1	Alumina Powder 0.05 0.3 1.0 micron / Aluminum Oxide Abrasive Powder 3 5 9 15 30 micron	1	Pounds(LB)	25-Feb-21
0001613419	1344-28-1	Alumina Powder 0.05 0.3 1.0 micron / Aluminum Oxide Abrasive Powder 3 5 9 15 30 micron	1	Pounds(LB)	25-Feb-21
0001613420	-	COLLODIAL SILICA SUSPENSION	128	Ounces(OZ)	25-Feb-21
0001540816	-	LOCTITE LB 771 NICKEL GRADE ANTI-SEIZE	8	Ounces(OZ)	25-Feb-21
0001540817	-	LOCTITE LB 771 NICKEL GRADE ANTI-SEIZE	8	Ounces(OZ)	25-Feb-21
0001613421	7631-86-9	Silica Gel	2500	Gram(GM)	25-Feb-21
0001613422	7631-86-9	Silica Gel	2500	Gram(GM)	25-Feb-21
0001613423	7447-41-8	LITHIUM CHLORIDE	500	Gram(GM)	25-Feb-21
0001613424	62-50-0	ETHYL METHANESULFONATE	25	Gram(GM)	25-Feb-21
0001577767	-	INGERSOLL-RAND ULTRA COOLANT	1.32	Gallon(GAL)	25-Feb-21
0001577768	-	INGERSOLL-RAND ULTRA COOLANT	1.32	Gallon(GAL)	25-Feb-21
0001613439	17452-09-4	1-Phenyl-1H-imidazole-2-thiol	5	Gram(GM)	25-Feb-21
0001613440	5815-08-7	tert-Butoxy bis(dimethylamino)methane	1	Gallon(GAL)	25-Feb-21
0001613441	7784-27-2	ALUMINUM NITRATE NONAHYDRATE	500	Gram(GM)	25-Feb-21
0001613442	10294-41-4	CERIUM(III) NITRATE HEXAHYDRATE	500	Gram(GM)	25-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001658360	7440-59-7	HELIUM GAS	100	Liters(L)	25-Feb-21
0001658361	7440-59-7	HELIUM GAS	100	Liters(L)	25-Feb-21
0001658362	7440-59-7	HELIUM GAS	100	Liters(L)	25-Feb-21
0001658363	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	25-Feb-21
0001658365	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	25-Feb-21
0001658364	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	25-Feb-21
0001658366	-	ARGON GAS	220	Cubic Feet(CF)	25-Feb-21
0001613451	-	SYLGARD 186 SILICONE ELASTOMER CURING AGENT	5	Kilograms(KG)	25-Feb-21
0001613453	-	SYLGARD 186 SILICONE ELASTOMER CURING AGENT	5	Kilograms(KG)	25-Feb-21
0001613455	-	SYLGARD 186 SILICONE ELASTOMER CURING AGENT	5	Kilograms(KG)	25-Feb-21
0001613454	-	SYLGARD 186 SILICONE ELASTOMER CURING AGENT	5	Kilograms(KG)	25-Feb-21
0001613456	-	SYLGARD 186 SILICONE ELASTOMER CURING AGENT	5	Kilograms(KG)	25-Feb-21
0001613452	-	SYLGARD 186 SILICONE ELASTOMER CURING AGENT	5	Kilograms(KG)	25-Feb-21
0001659653	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	25-Feb-21
0001659670	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	25-Feb-21
0001659658	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	25-Feb-21
0001659659	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	25-Feb-21
0001659660	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	25-Feb-21
0001659661	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	25-Feb-21
0001659662	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	25-Feb-21
0001659663	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	25-Feb-21
0001659664	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	25-Feb-21
0001659665	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	25-Feb-21
0001659666	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	25-Feb-21
0001659667	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	25-Feb-21
0001659657	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	25-Feb-21
0001659669	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	25-Feb-21
0001659671	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	25-Feb-21
0001659672	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	25-Feb-21
0001659673	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	25-Feb-21
0001659674	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	25-Feb-21
0001659675	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	25-Feb-21
0001659656	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	25-Feb-21
0001659655	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	25-Feb-21
0001659676	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	25-Feb-21
0001659654	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	25-Feb-21
0001659668	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	25-Feb-21
0001659688	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	25-Feb-21
0001659677	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	25-Feb-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001659679	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	25-Feb-21
0001659681	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	25-Feb-21
0001659682	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	25-Feb-21
0001659683	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	25-Feb-21
0001659684	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	25-Feb-21
0001659685	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	25-Feb-21
0001659686	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	25-Feb-21
0001659687	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	25-Feb-21
0001659680	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	25-Feb-21
0001659689	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	25-Feb-21
0001659690	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	25-Feb-21
0001659691	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	25-Feb-21
0001659692	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	25-Feb-21
0001659694	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	25-Feb-21
0001659696	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	25-Feb-21
0001659697	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	25-Feb-21
0001659698	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	25-Feb-21
0001659700	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	25-Feb-21
0001659678	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	25-Feb-21
0001659693	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	25-Feb-21
0001659699	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	25-Feb-21
0001659695	-	ZEP FRESHEN DISINFECTANT SPRAY MIST	15.5	Ounces(OZ)	25-Feb-21
0001659701	-	Clorox Total 360	1	Gallon(GAL)	25-Feb-21
0001659708	-	Clorox Total 360	1	Gallon(GAL)	25-Feb-21
0001659707	-	Clorox Total 360	1	Gallon(GAL)	25-Feb-21
0001659706	-	Clorox Total 360	1	Gallon(GAL)	25-Feb-21
0001659705	-	Clorox Total 360	1	Gallon(GAL)	25-Feb-21
0001659704	-	Clorox Total 360	1	Gallon(GAL)	25-Feb-21
0001659702	-	Clorox Total 360	1	Gallon(GAL)	25-Feb-21
0001659703	-	Clorox Total 360	1	Gallon(GAL)	25-Feb-21
0001576758	-	SULLUBE COMPRESSOR FLUID	5	Gallon(GAL)	01-Mar-21
0001577769	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10	Ounces(OZ)	01-Mar-21
0001577786	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10	Ounces(OZ)	01-Mar-21
0001577770	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10	Ounces(OZ)	01-Mar-21
0001577771	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10	Ounces(OZ)	01-Mar-21
0001577772	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10	Ounces(OZ)	01-Mar-21
0001577773	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10	Ounces(OZ)	01-Mar-21
0001577791	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10	Ounces(OZ)	01-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001577790	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10	Ounces(OZ)	01-Mar-21
0001577789	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10	Ounces(OZ)	01-Mar-21
0001577787	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10	Ounces(OZ)	01-Mar-21
0001577785	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10	Ounces(OZ)	01-Mar-21
0001577784	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10	Ounces(OZ)	01-Mar-21
0001577783	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10	Ounces(OZ)	01-Mar-21
0001577776	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10	Ounces(OZ)	01-Mar-21
0001577781	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10	Ounces(OZ)	01-Mar-21
0001577780	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10	Ounces(OZ)	01-Mar-21
0001577779	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10	Ounces(OZ)	01-Mar-21
0001577778	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10	Ounces(OZ)	01-Mar-21
0001577774	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10	Ounces(OZ)	01-Mar-21
0001577777	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10	Ounces(OZ)	01-Mar-21
0001577782	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10	Ounces(OZ)	01-Mar-21
0001577775	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10	Ounces(OZ)	01-Mar-21
0001577788	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10	Ounces(OZ)	01-Mar-21
0001627430	-	MasterSeal NP 1 Gray	10.1	Ounces(OZ)	01-Mar-21
0001627440	-	MasterSeal NP 1 Gray	10.1	Ounces(OZ)	01-Mar-21
0001627441	-	MasterSeal NP 1 Gray	10.1	Ounces(OZ)	01-Mar-21
0001627431	-	MasterSeal NP 1 Gray	10.1	Ounces(OZ)	01-Mar-21
0001627432	-	MasterSeal NP 1 Gray	10.1	Ounces(OZ)	01-Mar-21
0001627433	-	MasterSeal NP 1 Gray	10.1	Ounces(OZ)	01-Mar-21
0001627436	-	MasterSeal NP 1 Gray	10.1	Ounces(OZ)	01-Mar-21
0001627438	-	MasterSeal NP 1 Gray	10.1	Ounces(OZ)	01-Mar-21
0001627439	-	MasterSeal NP 1 Gray	10.1	Ounces(OZ)	01-Mar-21
0001627435	-	MasterSeal NP 1 Gray	10.1	Ounces(OZ)	01-Mar-21
0001627434	-	MasterSeal NP 1 Gray	10.1	Ounces(OZ)	01-Mar-21
0001627437	-	MasterSeal NP 1 Gray	10.1	Ounces(OZ)	01-Mar-21
0001577792	-	TOUCH' N FOAM TRIPLE EXPANDING SEALANT	12	Ounces(OZ)	01-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001577797	-	TOUCH' N FOAM TRIPLE EXPANDING SEALANT	12	Ounces(OZ)	01-Mar-21
0001577796	-	TOUCH' N FOAM TRIPLE EXPANDING SEALANT	12	Ounces(OZ)	01-Mar-21
0001577795	-	TOUCH' N FOAM TRIPLE EXPANDING SEALANT	12	Ounces(OZ)	01-Mar-21
0001577794	-	TOUCH' N FOAM TRIPLE EXPANDING SEALANT	12	Ounces(OZ)	01-Mar-21
0001577793	-	TOUCH' N FOAM TRIPLE EXPANDING SEALANT	12	Ounces(OZ)	01-Mar-21
V000007CB2	-	PROSEAL PROSEAL SPRAY FIBERSEAL	1	Gallon(GAL)	01-Mar-21
V000007CB3	-	PROSEAL PROSEAL SPRAY FIBERSEAL	1	Gallon(GAL)	01-Mar-21
0001459774	-	Encapsulation Epoxy for Photovoltaics and OLEDs	1	Gallon(GAL)	01-Mar-21
0001459778	-	Encapsulation Epoxy for Photovoltaics and OLEDs	1	Gallon(GAL)	01-Mar-21
0001459777	-	Encapsulation Epoxy for Photovoltaics and OLEDs	1	Gallon(GAL)	01-Mar-21
0001459776	-	Encapsulation Epoxy for Photovoltaics and OLEDs	1	Gallon(GAL)	01-Mar-21
0001459775	-	Encapsulation Epoxy for Photovoltaics and OLEDs	1	Gallon(GAL)	01-Mar-21
0001627594	-	CAT TRANSMISSION & DRIVE TRAIN OIL 10W	1	Gallon(GAL)	01-Mar-21
0001627595	-	CAT TRANSMISSION & DRIVE TRAIN OIL 10W	1	Gallon(GAL)	01-Mar-21
V000007CC9	-	Mobil 1 5W-40	1	Gallon(GAL)	01-Mar-21
V000007CCA	-	Mobil 1 5W-40	1	Gallon(GAL)	01-Mar-21
V000007CC8	-	Mobil 1 5W-40	1	Gallon(GAL)	01-Mar-21
V000007CC7	-	Mobil 1 5W-40	1	Gallon(GAL)	01-Mar-21
V000007CC6	-	Mobil 1 5W-40	1	Gallon(GAL)	01-Mar-21
V000007CCC	-	Lubriplate No. 100/105/107/110/115	10	Ounces(OZ)	01-Mar-21
V000007CCB	-	Lubriplate No. 100/105/107/110/115	10	Ounces(OZ)	01-Mar-21
0001627638	-	Pneumatic/Hydraulic Sealant	1.22	Ounces(OZ)	01-Mar-21
0001577336	-	AMERLOCK SEALER CLEAR BASE	1	Gallon(GAL)	01-Mar-21
0001577339	-	AMERLOCK SEALER CLEAR BASE	1	Gallon(GAL)	01-Mar-21
0001577340	-	AMERLOCK SEALER CLEAR BASE	1	Gallon(GAL)	01-Mar-21
0001577338	-	AMERLOCK SEALER CLEAR BASE	1	Gallon(GAL)	01-Mar-21
0001577337	-	AMERLOCK SEALER CLEAR BASE	1	Gallon(GAL)	01-Mar-21
0001627667	-	AMERLOCK SEALER HRD 00333521	1	Gallon(GAL)	01-Mar-21
0001627669	-	AMERLOCK SEALER HRD 00333521	1	Gallon(GAL)	01-Mar-21
0001627670	-	AMERLOCK SEALER HRD 00333521	1	Gallon(GAL)	01-Mar-21
0001627671	-	AMERLOCK SEALER HRD 00333521	1	Gallon(GAL)	01-Mar-21
0001627668	-	AMERLOCK SEALER HRD 00333521	1	Gallon(GAL)	01-Mar-21
0001577811	-	Avalon Premium 100% Acrylic Interior Flat W/B	1	Gallon(GAL)	01-Mar-21
0001577799	-	Rust-Oleum Professional Galvanizing Compound - Aerosol	20	Ounces(OZ)	01-Mar-21
0001577800	-	Rust-Oleum Professional Galvanizing Compound - Aerosol	20	Ounces(OZ)	01-Mar-21
0001577803	-	Rust-Oleum Professional Galvanizing Compound - Aerosol	20	Ounces(OZ)	01-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001577802	-	Rust-Oleum Professional Galvanizing Compound - Aerosol	20	Ounces(OZ)	01-Mar-21
0001577805	-	Rust-Oleum Professional Galvanizing Compound - Aerosol	20	Ounces(OZ)	01-Mar-21
0001577806	-	Rust-Oleum Professional Galvanizing Compound - Aerosol	20	Ounces(OZ)	01-Mar-21
0001577807	-	Rust-Oleum Professional Galvanizing Compound - Aerosol	20	Ounces(OZ)	01-Mar-21
0001577808	-	Rust-Oleum Professional Galvanizing Compound - Aerosol	20	Ounces(OZ)	01-Mar-21
0001577809	-	Rust-Oleum Professional Galvanizing Compound - Aerosol	20	Ounces(OZ)	01-Mar-21
0001577810	-	Rust-Oleum Professional Galvanizing Compound - Aerosol	20	Ounces(OZ)	01-Mar-21
0001577801	-	Rust-Oleum Professional Galvanizing Compound - Aerosol	20	Ounces(OZ)	01-Mar-21
0001577804	-	Rust-Oleum Professional Galvanizing Compound - Aerosol	20	Ounces(OZ)	01-Mar-21
0001577812	-	PSX 700A CLEAR COAT CURE	0.2	Gallon(GAL)	01-Mar-21
0001577817	-	PSX 700A CLEAR COAT CURE	0.2	Gallon(GAL)	01-Mar-21
0001577822	-	PSX 700A CLEAR COAT CURE	0.2	Gallon(GAL)	01-Mar-21
0001577823	-	PSX 700A CLEAR COAT CURE	0.2	Gallon(GAL)	01-Mar-21
0001577824	-	PSX 700A CLEAR COAT CURE	0.2	Gallon(GAL)	01-Mar-21
0001577827	-	PSX 700A CLEAR COAT CURE	0.2	Gallon(GAL)	01-Mar-21
0001577826	-	PSX 700A CLEAR COAT CURE	0.2	Gallon(GAL)	01-Mar-21
0001577825	-	PSX 700A CLEAR COAT CURE	0.2	Gallon(GAL)	01-Mar-21
0001577821	-	PSX 700A CLEAR COAT CURE	0.2	Gallon(GAL)	01-Mar-21
0001577837	-	PSX 700A CLEAR COAT CURE	0.2	Gallon(GAL)	01-Mar-21
0001577829	-	PSX 700A CLEAR COAT CURE	0.2	Gallon(GAL)	01-Mar-21
0001577816	-	PSX 700A CLEAR COAT CURE	0.2	Gallon(GAL)	01-Mar-21
0001577815	-	PSX 700A CLEAR COAT CURE	0.2	Gallon(GAL)	01-Mar-21
0001577836	-	PSX 700A CLEAR COAT CURE	0.2	Gallon(GAL)	01-Mar-21
0001577820	-	PSX 700A CLEAR COAT CURE	0.2	Gallon(GAL)	01-Mar-21
0001577838	-	PSX 700A CLEAR COAT CURE	0.2	Gallon(GAL)	01-Mar-21
0001577819	-	PSX 700A CLEAR COAT CURE	0.2	Gallon(GAL)	01-Mar-21
0001577828	-	PSX 700A CLEAR COAT CURE	0.2	Gallon(GAL)	01-Mar-21
0001577830	-	PSX 700A CLEAR COAT CURE	0.2	Gallon(GAL)	01-Mar-21
0001577831	-	PSX 700A CLEAR COAT CURE	0.2	Gallon(GAL)	01-Mar-21
0001577835	-	PSX 700A CLEAR COAT CURE	0.2	Gallon(GAL)	01-Mar-21
0001577832	-	PSX 700A CLEAR COAT CURE	0.2	Gallon(GAL)	01-Mar-21
0001577833	-	PSX 700A CLEAR COAT CURE	0.2	Gallon(GAL)	01-Mar-21
0001577834	-	PSX 700A CLEAR COAT CURE	0.2	Gallon(GAL)	01-Mar-21
0001577814	-	PSX 700A CLEAR COAT CURE	0.2	Gallon(GAL)	01-Mar-21
0001577813	-	PSX 700A CLEAR COAT CURE	0.2	Gallon(GAL)	01-Mar-21
0001577818	-	PSX 700A CLEAR COAT CURE	0.2	Gallon(GAL)	01-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001627639	-	Avalon Premium 100% Acrylic Interior Flat W/B	5	Gallon(GAL)	01-Mar-21
0001627646	-	Avalon Premium 100% Acrylic Interior Flat W/B	5	Gallon(GAL)	01-Mar-21
0001627648	-	Avalon Premium 100% Acrylic Interior Flat W/B	5	Gallon(GAL)	01-Mar-21
0001627656	-	Avalon Premium 100% Acrylic Interior Flat W/B	5	Gallon(GAL)	01-Mar-21
0001627655	-	Avalon Premium 100% Acrylic Interior Flat W/B	5	Gallon(GAL)	01-Mar-21
0001627654	-	Avalon Premium 100% Acrylic Interior Flat W/B	5	Gallon(GAL)	01-Mar-21
0001627653	-	Avalon Premium 100% Acrylic Interior Flat W/B	5	Gallon(GAL)	01-Mar-21
0001627652	-	Avalon Premium 100% Acrylic Interior Flat W/B	5	Gallon(GAL)	01-Mar-21
0001627651	-	Avalon Premium 100% Acrylic Interior Flat W/B	5	Gallon(GAL)	01-Mar-21
0001627644	-	Avalon Premium 100% Acrylic Interior Flat W/B	5	Gallon(GAL)	01-Mar-21
0001627649	-	Avalon Premium 100% Acrylic Interior Flat W/B	5	Gallon(GAL)	01-Mar-21
0001627647	-	Avalon Premium 100% Acrylic Interior Flat W/B	5	Gallon(GAL)	01-Mar-21
0001627645	-	Avalon Premium 100% Acrylic Interior Flat W/B	5	Gallon(GAL)	01-Mar-21
0001627643	-	Avalon Premium 100% Acrylic Interior Flat W/B	5	Gallon(GAL)	01-Mar-21
0001627642	-	Avalon Premium 100% Acrylic Interior Flat W/B	5	Gallon(GAL)	01-Mar-21
0001627641	-	Avalon Premium 100% Acrylic Interior Flat W/B	5	Gallon(GAL)	01-Mar-21
0001627640	-	Avalon Premium 100% Acrylic Interior Flat W/B	5	Gallon(GAL)	01-Mar-21
0001627650	-	Avalon Premium 100% Acrylic Interior Flat W/B	5	Gallon(GAL)	01-Mar-21
V000007CE1	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	01-Mar-21
V000007CE0	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	01-Mar-21
V000007CDA	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	01-Mar-21
V000007CDB	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	01-Mar-21
V000007CDC	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	01-Mar-21
V000007CDD	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	01-Mar-21
V000007CDE	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	01-Mar-21
V000007CE7	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	01-Mar-21
V000007CE2	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	01-Mar-21
V000007CE3	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	01-Mar-21
V000007CE4	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	01-Mar-21
V000007CE5	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	01-Mar-21
V000007CE6	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	01-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000007CDF	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	01-Mar-21
0001627600	-	MOBIL 1 HIGH MILEAGE 0W-20	1	Quarts(QT)	01-Mar-21
0001627606	-	MOBIL 1 HIGH MILEAGE 0W-20	1	Quarts(QT)	01-Mar-21
0001627615	-	MOBIL 1 HIGH MILEAGE 0W-20	1	Quarts(QT)	01-Mar-21
0001627608	-	MOBIL 1 HIGH MILEAGE 0W-20	1	Quarts(QT)	01-Mar-21
0001627607	-	MOBIL 1 HIGH MILEAGE 0W-20	1	Quarts(QT)	01-Mar-21
0001627605	-	MOBIL 1 HIGH MILEAGE 0W-20	1	Quarts(QT)	01-Mar-21
0001627610	-	MOBIL 1 HIGH MILEAGE 0W-20	1	Quarts(QT)	01-Mar-21
0001627603	-	MOBIL 1 HIGH MILEAGE 0W-20	1	Quarts(QT)	01-Mar-21
0001627602	-	MOBIL 1 HIGH MILEAGE 0W-20	1	Quarts(QT)	01-Mar-21
0001627601	-	MOBIL 1 HIGH MILEAGE 0W-20	1	Quarts(QT)	01-Mar-21
0001627611	-	MOBIL 1 HIGH MILEAGE 0W-20	1	Quarts(QT)	01-Mar-21
0001627612	-	MOBIL 1 HIGH MILEAGE 0W-20	1	Quarts(QT)	01-Mar-21
0001627609	-	MOBIL 1 HIGH MILEAGE 0W-20	1	Quarts(QT)	01-Mar-21
0001627614	-	MOBIL 1 HIGH MILEAGE 0W-20	1	Quarts(QT)	01-Mar-21
0001627616	-	MOBIL 1 HIGH MILEAGE 0W-20	1	Quarts(QT)	01-Mar-21
0001627617	-	MOBIL 1 HIGH MILEAGE 0W-20	1	Quarts(QT)	01-Mar-21
0001627618	-	MOBIL 1 HIGH MILEAGE 0W-20	1	Quarts(QT)	01-Mar-21
0001627619	-	MOBIL 1 HIGH MILEAGE 0W-20	1	Quarts(QT)	01-Mar-21
0001627620	-	MOBIL 1 HIGH MILEAGE 0W-20	1	Quarts(QT)	01-Mar-21
0001627621	-	MOBIL 1 HIGH MILEAGE 0W-20	1	Quarts(QT)	01-Mar-21
0001627622	-	MOBIL 1 HIGH MILEAGE 0W-20	1	Quarts(QT)	01-Mar-21
0001627623	-	MOBIL 1 HIGH MILEAGE 0W-20	1	Quarts(QT)	01-Mar-21
0001627604	-	MOBIL 1 HIGH MILEAGE 0W-20	1	Quarts(QT)	01-Mar-21
0001627613	-	MOBIL 1 HIGH MILEAGE 0W-20	1	Quarts(QT)	01-Mar-21
0001627624	-	MOBIL 1 5W-50	1	Quarts(QT)	01-Mar-21
0001627625	-	MOBIL 1 5W-50	1	Quarts(QT)	01-Mar-21
0001627626	-	MOBIL 1 5W-50	1	Quarts(QT)	01-Mar-21
0001627596	-	Pyroil CARB & THROTTLE BODY CLEANER PYC16	13	Ounces(OZ)	01-Mar-21
0001627597	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	01-Mar-21
0001627599	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	01-Mar-21
0001627598	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	01-Mar-21
0001627629	-	Brakleen Brake Parts Cleaner - Non-chlorinated (aerosol)	14	Ounces(OZ)	01-Mar-21
0001627630	-	Brakleen Brake Parts Cleaner - Non-chlorinated (aerosol)	14	Ounces(OZ)	01-Mar-21
0001627631	-	Brakleen Brake Parts Cleaner - Non-chlorinated (aerosol)	14	Ounces(OZ)	01-Mar-21
0001627627	-	Battery Cleaner with Acid Indicator	11	Ounces(OZ)	01-Mar-21
0001627628	-	Battery Cleaner with Acid Indicator	11	Ounces(OZ)	01-Mar-21
0001627632	-	JOHNSEN'S STARTING FLUID	10.7	Ounces(OZ)	01-Mar-21
0001627633	-	JOHNSEN'S STARTING FLUID	10.7	Ounces(OZ)	01-Mar-21
0001627635	-	JOHNSEN'S STARTING FLUID	10.7	Ounces(OZ)	01-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001627634	-	JOHNSEN'S STARTING FLUID	10.7	Ounces(OZ)	01-Mar-21
0001627636	-	ULTRA BLACK GASKET MAKER	3.35	Ounces(OZ)	01-Mar-21
0001627637	-	ULTRA BLACK GASKET MAKER	3.35	Ounces(OZ)	01-Mar-21
0001627672	-	Valvoline AW 32 HYDRAULIC OIL	5	Gallon(GAL)	01-Mar-21
0001627674	-	Valvoline AW 32 HYDRAULIC OIL	5	Gallon(GAL)	01-Mar-21
0001627673	-	Valvoline AW 32 HYDRAULIC OIL	5	Gallon(GAL)	01-Mar-21
0001543966	-	Vytaflex 30 Part A	1	Gallon(GAL)	02-Mar-21
0001543967	-	Vytaflex 30 Part B	1	Gallon(GAL)	02-Mar-21
0001543968	-	Part A for: Clear Flex 50 and 95	1	Gallon(GAL)	02-Mar-21
0001543969	-	Part A for: Clear Flex 50 and 95	1	Gallon(GAL)	02-Mar-21
0001539994	7782-44-7	OXYGEN COMPRESSED GAS	400	Cubic Centimeter (CC)	02-Mar-21
0001540030	-	DOW CORNING(R) HIGH VACUUM GREASE	5.3	Ounces(OZ)	02-Mar-21
0001540003	-	HANDI FOAM	12	Ounces(OZ)	02-Mar-21
0001540012	-	15w40 motor oil	1	Quarts(QT)	02-Mar-21
0001540021	-	ANTIFREEZE	1	Gallon(GAL)	02-Mar-21
0001540039	-	CLOROX	121	Ounces(OZ)	02-Mar-21
0001540048	-	CLEAR ALL PURPOSE SILICONE	16	Ounces(OZ)	02-Mar-21
0001058714	-	Fresh Gear Disinfectant	3.785	Gallon(GAL)	02-Mar-21
0001058713	-	Fresh Gear Disinfectant	3.785	Gallon(GAL)	02-Mar-21
0001058711	-	Fresh Gear Disinfectant	3.785	Gallon(GAL)	02-Mar-21
0001423304	-	VERSATILE GROUT RELEASE	50	Pounds(LB)	02-Mar-21
0001058702	-	FK270-G	3.785	Gallon(GAL)	02-Mar-21
0001058703	-	FK270-G	3.785	Gallon(GAL)	02-Mar-21
0001058704	-	FK270-G	3.785	Gallon(GAL)	02-Mar-21
0001058705	-	FK270-G	3.785	Gallon(GAL)	02-Mar-21
0001612751	-	Loctite 3D SI Elastomeric 5010	1	Liters(L)	02-Mar-21
0001612752	-	Loctite 3D SI Elastomeric 5010	1	Liters(L)	02-Mar-21
0001577839	-	Brandt No Foam A	1	Gallon(GAL)	03-Mar-21
0001577844	-	Brandt No Foam A	1	Gallon(GAL)	03-Mar-21
0001577848	-	Brandt No Foam A	1	Gallon(GAL)	03-Mar-21
0001577847	-	Brandt No Foam A	1	Gallon(GAL)	03-Mar-21
0001577841	-	Brandt No Foam A	1	Gallon(GAL)	03-Mar-21
0001577843	-	Brandt No Foam A	1	Gallon(GAL)	03-Mar-21
0001577840	-	Brandt No Foam A	1	Gallon(GAL)	03-Mar-21
0001577846	-	Brandt No Foam A	1	Gallon(GAL)	03-Mar-21
0001577845	-	Brandt No Foam A	1	Gallon(GAL)	03-Mar-21
0001577842	-	Brandt No Foam A	1	Gallon(GAL)	03-Mar-21
0001423361	-	PSX 700 pearl gray resin	0.8	Gallon(GAL)	03-Mar-21
0001423362	-	PSX 700 pearl gray resin	0.8	Gallon(GAL)	03-Mar-21
0001423363	-	PSX 700 pearl gray resin	0.8	Gallon(GAL)	03-Mar-21
0001423364	-	PSX 700 pearl gray resin	0.8	Gallon(GAL)	03-Mar-21
0001423365	-	PSX 700A CLEAR COAT CURE	0.17	Gallon(GAL)	03-Mar-21
0001423366	-	PSX 700A CLEAR COAT CURE	0.17	Gallon(GAL)	03-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001423367	-	PSX 700A CLEAR COAT CURE	0.17	Gallon(GAL)	03-Mar-21
0001423368	-	PSX 700A CLEAR COAT CURE	0.17	Gallon(GAL)	03-Mar-21
0001577849	-	Rust-Oleum Professional Galvanizing Compound - Aerosol	20	Ounces(OZ)	03-Mar-21
0001577854	-	Rust-Oleum Professional Galvanizing Compound - Aerosol	20	Ounces(OZ)	03-Mar-21
0001577853	-	Rust-Oleum Professional Galvanizing Compound - Aerosol	20	Ounces(OZ)	03-Mar-21
0001577852	-	Rust-Oleum Professional Galvanizing Compound - Aerosol	20	Ounces(OZ)	03-Mar-21
0001577851	-	Rust-Oleum Professional Galvanizing Compound - Aerosol	20	Ounces(OZ)	03-Mar-21
0001577850	-	Rust-Oleum Professional Galvanizing Compound - Aerosol	20	Ounces(OZ)	03-Mar-21
0001459779	-	EPOXY SET HARDENER	1	Ounces(OZ)	03-Mar-21
0001459780	-	EPOXY SET HARDENER	1	Ounces(OZ)	03-Mar-21
0001577855	-	MOBIL SHC GEAR 460	5	Gallon(GAL)	03-Mar-21
0001577857	-	MOBIL SHC GEAR 460	5	Gallon(GAL)	03-Mar-21
0001577856	-	MOBIL SHC GEAR 460	5	Gallon(GAL)	03-Mar-21
0001577860	-	MOBIL SHC GEAR 460	5	Gallon(GAL)	03-Mar-21
0001577859	-	MOBIL SHC GEAR 460	5	Gallon(GAL)	03-Mar-21
0001577858	-	MOBIL SHC GEAR 460	5	Gallon(GAL)	03-Mar-21
0001658368	7440-59-7	HELIUM GAS	100	Liters(L)	03-Mar-21
0001577911	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577944	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577962	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577963	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577964	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577965	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577939	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577940	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577951	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577943	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577942	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577941	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577961	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577945	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577960	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577959	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577958	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577957	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577956	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577955	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577954	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577938	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001577952	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577928	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577950	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577949	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577948	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577947	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577953	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577923	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577946	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577912	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577913	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577914	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577915	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577916	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577917	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577918	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577919	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577920	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577930	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577922	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577931	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577936	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577935	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577934	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577921	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577932	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577937	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577929	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577927	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577926	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577925	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577924	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577933	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577983	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001658367	-	3% Nitrogen/ Bal Argon	100	Liters(L)	03-Mar-21
0001578050	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001578026	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001578034	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001578033	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001578032	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001578031	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001578030	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001578029	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001578019	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001578027	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001578038	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001578025	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001578024	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001578023	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001578022	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001578021	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001578020	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001578028	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001578046	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001578048	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577984	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001578054	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001578053	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001578052	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001578051	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001578035	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001578047	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001578036	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001578045	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001578044	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001578043	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001578042	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001578041	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001578040	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001578037	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001578049	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577992	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001578039	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577999	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577998	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577997	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577996	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577995	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577985	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577993	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001578001	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577991	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577990	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577989	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577988	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577987	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001578018	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577994	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001578009	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001578017	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001578016	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001578015	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001578014	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001578013	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001578012	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001578000	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001578010	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001577986	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001578008	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001578007	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001578006	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001578005	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001578004	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001578003	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001578002	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001578011	-	C6: Portland Cement Based Concrete Products	50	Pounds(LB)	03-Mar-21
0001658525	74-86-2	ACETYLENE STABILIZED	10	Cubic Feet(CF)	03-Mar-21
0001658527	74-86-2	ACETYLENE STABILIZED	10	Cubic Feet(CF)	03-Mar-21
0001658526	74-86-2	ACETYLENE STABILIZED	10	Cubic Feet(CF)	03-Mar-21
0001658528	7440-01-9	NEON	220	Cubic Feet(CF)	03-Mar-21
0001658529	7440-01-9	NEON	220	Cubic Feet(CF)	03-Mar-21
0001578055	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578101	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578109	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578108	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578107	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578106	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578105	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578104	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578102	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578112	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578100	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578099	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578098	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578097	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578096	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578095	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578103	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578119	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578094	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578057	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578126	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578125	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578124	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578110	-	SODA ASH	50	Pounds(LB)	03-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001578120	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578111	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578118	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578117	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578116	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578115	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578114	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578113	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578122	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578064	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578059	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578072	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578071	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578070	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578069	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578068	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578067	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578074	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578065	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578075	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578063	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578062	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578061	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578060	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578058	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578056	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578121	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578066	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578083	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578092	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578091	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578090	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578089	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578088	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578087	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578086	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578073	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578084	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578093	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578082	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578081	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578080	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578079	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578078	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578077	-	SODA ASH	50	Pounds(LB)	03-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001578076	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578085	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578123	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001577861	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001577887	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001577896	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001577894	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001577892	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001577891	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001577890	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001577881	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001577888	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001577869	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001577886	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001577885	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001577884	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001577883	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001577889	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001577882	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001577870	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001577893	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001577868	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001577867	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001577872	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001577873	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001577874	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001577875	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001577876	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001577877	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001577878	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001577879	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001577880	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001577871	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001577895	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001577866	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001577865	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001577864	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001577863	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001577862	-	SODA ASH	50	Pounds(LB)	03-Mar-21
0001578127	-	portland cement 1	80	Pounds(LB)	03-Mar-21
0001578128	-	portland cement 1	80	Pounds(LB)	03-Mar-21
0001578129	-	portland cement 1	80	Pounds(LB)	03-Mar-21
0001578130	-	portland cement 1	80	Pounds(LB)	03-Mar-21
0001578143	-	portland cement 1	80	Pounds(LB)	03-Mar-21
0001578140	-	portland cement 1	80	Pounds(LB)	03-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001578142	-	portland cement 1	80	Pounds(LB)	03-Mar-21
0001578137	-	portland cement 1	80	Pounds(LB)	03-Mar-21
0001578144	-	portland cement 1	80	Pounds(LB)	03-Mar-21
0001578141	-	portland cement 1	80	Pounds(LB)	03-Mar-21
0001578145	-	portland cement 1	80	Pounds(LB)	03-Mar-21
0001578138	-	portland cement 1	80	Pounds(LB)	03-Mar-21
0001578136	-	portland cement 1	80	Pounds(LB)	03-Mar-21
0001578135	-	portland cement 1	80	Pounds(LB)	03-Mar-21
0001578134	-	portland cement 1	80	Pounds(LB)	03-Mar-21
0001578133	-	portland cement 1	80	Pounds(LB)	03-Mar-21
0001578139	-	portland cement 1	80	Pounds(LB)	03-Mar-21
0001578132	-	portland cement 1	80	Pounds(LB)	03-Mar-21
0001578146	-	portland cement 1	80	Pounds(LB)	03-Mar-21
0001578147	-	portland cement 1	80	Pounds(LB)	03-Mar-21
0001578148	-	portland cement 1	80	Pounds(LB)	03-Mar-21
0001578149	-	portland cement 1	80	Pounds(LB)	03-Mar-21
0001578131	-	portland cement 1	80	Pounds(LB)	03-Mar-21
0001577897	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10	Ounces(OZ)	03-Mar-21
0001577898	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10	Ounces(OZ)	03-Mar-21
0001577899	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10	Ounces(OZ)	03-Mar-21
0001577900	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10	Ounces(OZ)	03-Mar-21
0001577901	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10	Ounces(OZ)	03-Mar-21
0001577902	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10	Ounces(OZ)	03-Mar-21
0001577903	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10	Ounces(OZ)	03-Mar-21
0001577904	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10	Ounces(OZ)	03-Mar-21
0001577905	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10	Ounces(OZ)	03-Mar-21
0001577907	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10	Ounces(OZ)	03-Mar-21
0001577908	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10	Ounces(OZ)	03-Mar-21
0001577906	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10	Ounces(OZ)	03-Mar-21
0001320582	7647-01-0	HYDROCHLORIC ACID CONCENTRATED (36-37%)	1	Liters(L)	03-Mar-21
0001320591	7647-01-0	HYDROCHLORIC ACID CONCENTRATED (36-37%)	1	Liters(L)	03-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000007CF1	-	Avalon Premium 100% Acrylic Interior Flat W/B	1	Gallon(GAL)	03-Mar-21
V000007CF0	-	Avalon Premium 100% Acrylic Interior Flat W/B	1	Gallon(GAL)	03-Mar-21
V000007CEE	-	Avalon Premium 100% Acrylic Interior Flat W/B	1	Gallon(GAL)	03-Mar-21
V000007CEF	-	Avalon Premium 100% Acrylic Interior Flat W/B	1	Gallon(GAL)	03-Mar-21
V000007CF9	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	03-Mar-21
V000007CFA	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	03-Mar-21
V000007CF8	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	03-Mar-21
V000007CFB	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	03-Mar-21
V000007CFC	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	03-Mar-21
V000007CFD	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	03-Mar-21
V000007CF7	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	03-Mar-21
V000007CF2	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	03-Mar-21
V000007CF3	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	03-Mar-21
V000007CF4	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	03-Mar-21
V000007CF5	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	03-Mar-21
V000007CF6	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	03-Mar-21
0001658369	7440-59-7	HELIUM GAS	100	Liters(L)	03-Mar-21
0001658371	7440-59-7	HELIUM GAS	100	Liters(L)	03-Mar-21
0001658372	7440-59-7	HELIUM GAS	100	Liters(L)	03-Mar-21
0001658374	7440-59-7	HELIUM GAS	100	Liters(L)	03-Mar-21
0001658373	7440-59-7	HELIUM GAS	100	Liters(L)	03-Mar-21
0001658370	7440-59-7	HELIUM GAS	100	Liters(L)	03-Mar-21
0001658375	7440-59-7	HELIUM GAS	250	Liters(L)	03-Mar-21
0001577978	-	SULLUBE COMPRESSOR FLUID	5	Gallon(GAL)	03-Mar-21
0001658376	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	03-Mar-21
0001658383	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	03-Mar-21
0001658400	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	03-Mar-21
0001658399	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	03-Mar-21
0001658398	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	03-Mar-21
0001658397	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	03-Mar-21
0001658395	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	03-Mar-21
0001658379	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	03-Mar-21
0001658394	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	03-Mar-21
0001658393	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	03-Mar-21
0001658392	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	03-Mar-21
0001658391	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	03-Mar-21
0001658390	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	03-Mar-21
0001658389	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	03-Mar-21
0001658388	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	03-Mar-21
0001658387	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	03-Mar-21
0001658386	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	03-Mar-21
0001658385	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	03-Mar-21
0001658396	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	03-Mar-21
0001658380	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	03-Mar-21
0001658384	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	03-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001658378	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	03-Mar-21
0001658377	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	03-Mar-21
0001658382	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	03-Mar-21
0001658381	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	03-Mar-21
0001658486	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	03-Mar-21
0001658476	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	03-Mar-21
0001658477	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	03-Mar-21
0001658478	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	03-Mar-21
0001658479	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	03-Mar-21
0001658480	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	03-Mar-21
0001658481	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	03-Mar-21
0001658482	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	03-Mar-21
0001658483	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	03-Mar-21
0001658485	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	03-Mar-21
0001658487	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	03-Mar-21
0001658484	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	03-Mar-21
0001658401	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Mar-21
0001658513	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Mar-21
0001658427	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Mar-21
0001658415	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Mar-21
0001658402	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Mar-21
0001658403	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Mar-21
0001658404	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Mar-21
0001658405	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Mar-21
0001658406	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Mar-21
0001658407	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Mar-21
0001658408	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Mar-21
0001658409	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Mar-21
0001658410	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Mar-21
0001658411	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Mar-21
0001658412	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Mar-21
0001658414	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Mar-21
0001658428	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Mar-21
0001658416	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Mar-21
0001658417	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Mar-21
0001658418	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Mar-21
0001658419	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Mar-21
0001658420	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Mar-21
0001658421	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Mar-21
0001658422	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Mar-21
0001658423	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Mar-21
0001658424	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Mar-21
0001658425	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Mar-21
0001658426	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Mar-21
0001658413	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001658429	-	ARGON GAS	220	Cubic Feet(CF)	03-Mar-21
0001658441	-	ARGON GAS	220	Cubic Feet(CF)	03-Mar-21
0001658444	-	ARGON GAS	220	Cubic Feet(CF)	03-Mar-21
0001658430	-	ARGON GAS	220	Cubic Feet(CF)	03-Mar-21
0001658431	-	ARGON GAS	220	Cubic Feet(CF)	03-Mar-21
0001658432	-	ARGON GAS	220	Cubic Feet(CF)	03-Mar-21
0001658433	-	ARGON GAS	220	Cubic Feet(CF)	03-Mar-21
0001658434	-	ARGON GAS	220	Cubic Feet(CF)	03-Mar-21
0001658435	-	ARGON GAS	220	Cubic Feet(CF)	03-Mar-21
0001658436	-	ARGON GAS	220	Cubic Feet(CF)	03-Mar-21
0001658437	-	ARGON GAS	220	Cubic Feet(CF)	03-Mar-21
0001658438	-	ARGON GAS	220	Cubic Feet(CF)	03-Mar-21
0001658439	-	ARGON GAS	220	Cubic Feet(CF)	03-Mar-21
0001658440	-	ARGON GAS	220	Cubic Feet(CF)	03-Mar-21
0001658443	-	ARGON GAS	220	Cubic Feet(CF)	03-Mar-21
0001658442	-	ARGON GAS	220	Cubic Feet(CF)	03-Mar-21
0001658445	-	ARGON GAS	220	Cubic Feet(CF)	03-Mar-21
0001658446	-	ARGON GAS	220	Cubic Feet(CF)	03-Mar-21
0001658447	-	ARGON GAS	220	Cubic Feet(CF)	03-Mar-21
0001658448	-	ARGON GAS	220	Cubic Feet(CF)	03-Mar-21
0001658449	-	ARGON GAS	220	Cubic Feet(CF)	03-Mar-21
0001658450	-	ARGON GAS	220	Cubic Feet(CF)	03-Mar-21
0001658451	-	ARGON GAS	220	Cubic Feet(CF)	03-Mar-21
0001658452	-	ARGON GAS	220	Cubic Feet(CF)	03-Mar-21
0001658453	-	ARGON GAS	220	Cubic Feet(CF)	03-Mar-21
0001658454	-	ARGON GAS	220	Cubic Feet(CF)	03-Mar-21
0001658455	-	ARGON GAS	220	Cubic Feet(CF)	03-Mar-21
0001658456	-	ARGON GAS	220	Cubic Feet(CF)	03-Mar-21
0001658457	-	Compressed Air	220	Cubic Feet(CF)	03-Mar-21
0001658462	-	Compressed Air	220	Cubic Feet(CF)	03-Mar-21
0001658458	-	Compressed Air	220	Cubic Feet(CF)	03-Mar-21
0001658459	-	Compressed Air	220	Cubic Feet(CF)	03-Mar-21
0001658460	-	Compressed Air	220	Cubic Feet(CF)	03-Mar-21
0001658461	-	Compressed Air	220	Cubic Feet(CF)	03-Mar-21
0001658463	-	Compressed Air	220	Cubic Feet(CF)	03-Mar-21
0001658465	-	Compressed Air	220	Cubic Feet(CF)	03-Mar-21
0001658466	-	Compressed Air	220	Cubic Feet(CF)	03-Mar-21
0001658464	-	Compressed Air	220	Cubic Feet(CF)	03-Mar-21
0001658467	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	03-Mar-21
0001658475	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	03-Mar-21
0001658474	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	03-Mar-21
0001658473	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	03-Mar-21
0001658472	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	03-Mar-21
0001658471	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	03-Mar-21
0001658470	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	03-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001658468	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	03-Mar-21
0001658469	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	03-Mar-21
0001658488	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	03-Mar-21
0001658490	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	03-Mar-21
0001658501	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	03-Mar-21
0001658489	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	03-Mar-21
0001658492	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	03-Mar-21
0001658493	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	03-Mar-21
0001658494	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	03-Mar-21
0001658495	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	03-Mar-21
0001658496	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	03-Mar-21
0001658497	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	03-Mar-21
0001658498	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	03-Mar-21
0001658499	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	03-Mar-21
0001658500	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	03-Mar-21
0001658491	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	03-Mar-21
0001658502	-	95% NITROGEN/5% HYDROGEN	220	Cubic Feet(CF)	03-Mar-21
0001658504	-	95% NITROGEN/5% HYDROGEN	220	Cubic Feet(CF)	03-Mar-21
0001658505	-	95% NITROGEN/5% HYDROGEN	220	Cubic Feet(CF)	03-Mar-21
0001658506	-	95% NITROGEN/5% HYDROGEN	220	Cubic Feet(CF)	03-Mar-21
0001658507	-	95% NITROGEN/5% HYDROGEN	220	Cubic Feet(CF)	03-Mar-21
0001658508	-	95% NITROGEN/5% HYDROGEN	220	Cubic Feet(CF)	03-Mar-21
0001658503	-	95% NITROGEN/5% HYDROGEN	220	Cubic Feet(CF)	03-Mar-21
0001658509	74-86-2	ACETYLENE STABILIZED	240	Cubic Feet(CF)	03-Mar-21
0001658510	74-86-2	ACETYLENE STABILIZED	240	Cubic Feet(CF)	03-Mar-21
0001149088	14314-42-2	WATER-180	1000	Milliliter(ML)	03-Mar-21
0001149089	14314-42-2	WATER-180	1000	Milliliter(ML)	03-Mar-21
0001658514	74-98-6	PROPANE	50	Cubic Feet(CF)	03-Mar-21
0001658516	74-98-6	PROPANE	50	Cubic Feet(CF)	03-Mar-21
0001658524	74-98-6	PROPANE	50	Cubic Feet(CF)	03-Mar-21
0001658515	74-98-6	PROPANE	50	Cubic Feet(CF)	03-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001658517	74-98-6	PROPANE	50	Cubic Feet(CF)	03-Mar-21
0001658518	74-98-6	PROPANE	50	Cubic Feet(CF)	03-Mar-21
0001658523	74-98-6	PROPANE	50	Cubic Feet(CF)	03-Mar-21
0001658519	74-98-6	PROPANE	50	Cubic Feet(CF)	03-Mar-21
0001658522	74-98-6	PROPANE	50	Cubic Feet(CF)	03-Mar-21
0001658520	74-98-6	PROPANE	50	Cubic Feet(CF)	03-Mar-21
0001658521	74-98-6	PROPANE	50	Cubic Feet(CF)	03-Mar-21
0001658511	-	7% Ammonia/ Bal Argon	220	Cubic Feet(CF)	03-Mar-21
0001658512	-	7% Ammonia/ Bal Argon	220	Cubic Feet(CF)	03-Mar-21
0001613584	-	CiDehol 70	1	Gallon(GAL)	03-Mar-21
0001613585	-	CiDehol 70	1	Gallon(GAL)	03-Mar-21
0001613587	-	CiDehol 70	1	Gallon(GAL)	03-Mar-21
0001613586	-	CiDehol 70	1	Gallon(GAL)	03-Mar-21
0001612700	36140-19-9	Chlorodicyclohexylborane	25	Milliliter(ML)	03-Mar-21
0001613476	-	TUNGSTEN STANDARD	125	Milliliter(ML)	03-Mar-21
0001613478	7647-14-5	SODIUM CHLORIDE	10	Gram(GM)	03-Mar-21
0001613551	7791-11-9	RUBIDIUM CHLORIDE	10	Gram(GM)	03-Mar-21
0001613552	7791-11-9	RUBIDIUM CHLORIDE	10	Gram(GM)	03-Mar-21
0001613553	10025-70-4	STRONTIUM CHLORIDE HEXAHYDRATE	250	Gram(GM)	03-Mar-21
0001613554	10361-37-2	BARIUM CHLORIDE ANHYDROUS	25	Gram(GM)	03-Mar-21
0001613555	7446-70-0	ALUMINUM CHLORIDE ANHYDROUS	25	Gram(GM)	03-Mar-21
0001613556	13450-90-3	GALLIUM(III) CHLORIDE	25	Gram(GM)	03-Mar-21
0001613557	7790-86-5	CERIUM(III) CHLORIDE ANHYDROUS	5	Gram(GM)	03-Mar-21
0001613559	7664-39-3	HYDROFLUORIC ACID OPTIMA	500	Milliliter(ML)	03-Mar-21
0001613561	7664-39-3	HYDROFLUORIC ACID OPTIMA	500	Milliliter(ML)	03-Mar-21
0001613560	7664-39-3	HYDROFLUORIC ACID OPTIMA	500	Milliliter(ML)	03-Mar-21
0001420211	-	DUCT SEALER	1	Pounds(LB)	04-Mar-21
0001420212	-	DUCT SEALER	1	Pounds(LB)	04-Mar-21
0001419973	-	DUCT SEALER	1	Pounds(LB)	04-Mar-21
0001419974	-	DUCT SEALER	1	Pounds(LB)	04-Mar-21
0001419975	-	DUCT SEALER	1	Pounds(LB)	04-Mar-21
0001408255	-	ACRYLIC LATEX ENAMEL SEMI-GLOSS	121.6	Ounces(OZ)	04-Mar-21
0001613409	-	MOLYBDENUM 10 UG/ML IN 2% HNO3 + Tr HF	100	Milliliter(ML)	04-Mar-21
0001627447	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627493	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627500	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627499	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627498	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627501	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627494	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627506	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627492	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627491	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627490	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627489	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001627496	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627502	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627503	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627505	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627507	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627508	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627509	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627510	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627511	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627512	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627513	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627514	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627515	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627488	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627474	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627504	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627455	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627476	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627463	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627462	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627461	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627460	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627459	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627458	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627465	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627456	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627466	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627454	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627453	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627452	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627451	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627450	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627449	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627448	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627497	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627457	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627477	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627486	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627485	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627484	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627483	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627482	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627481	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627480	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627464	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001627478	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627487	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627475	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627473	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627472	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627471	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627470	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627469	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627468	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627467	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627479	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627495	-	Blue Def	2.5	Gallon(GAL)	04-Mar-21
0001627578	-	MOBIL 1 HIGH MILEAGE 0W-20	1	Quarts(QT)	04-Mar-21
0001627591	-	MOBIL 1 HIGH MILEAGE 0W-20	1	Quarts(QT)	04-Mar-21
0001627579	-	MOBIL 1 HIGH MILEAGE 0W-20	1	Quarts(QT)	04-Mar-21
0001627580	-	MOBIL 1 HIGH MILEAGE 0W-20	1	Quarts(QT)	04-Mar-21
0001627581	-	MOBIL 1 HIGH MILEAGE 0W-20	1	Quarts(QT)	04-Mar-21
0001627582	-	MOBIL 1 HIGH MILEAGE 0W-20	1	Quarts(QT)	04-Mar-21
0001627583	-	MOBIL 1 HIGH MILEAGE 0W-20	1	Quarts(QT)	04-Mar-21
0001627584	-	MOBIL 1 HIGH MILEAGE 0W-20	1	Quarts(QT)	04-Mar-21
0001627585	-	MOBIL 1 HIGH MILEAGE 0W-20	1	Quarts(QT)	04-Mar-21
0001627586	-	MOBIL 1 HIGH MILEAGE 0W-20	1	Quarts(QT)	04-Mar-21
0001627587	-	MOBIL 1 HIGH MILEAGE 0W-20	1	Quarts(QT)	04-Mar-21
0001627588	-	MOBIL 1 HIGH MILEAGE 0W-20	1	Quarts(QT)	04-Mar-21
0001627590	-	MOBIL 1 HIGH MILEAGE 0W-20	1	Quarts(QT)	04-Mar-21
0001627592	-	MOBIL 1 HIGH MILEAGE 0W-20	1	Quarts(QT)	04-Mar-21
0001627589	-	MOBIL 1 HIGH MILEAGE 0W-20	1	Quarts(QT)	04-Mar-21
0001627519	-	Valvoline AW 32 HYDRAULIC OIL	5	Gallon(GAL)	04-Mar-21
0001627530	-	Parts Plus DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	Quarts(QT)	04-Mar-21
0001627531	-	Parts Plus DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	Quarts(QT)	04-Mar-21
0001627532	-	Parts Plus DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	Quarts(QT)	04-Mar-21
0001627520	-	Mobil Delvac 1 ESP 5W-40	1	Gallon(GAL)	04-Mar-21
0001627521	-	Mobil Delvac 1 ESP 5W-40	1	Gallon(GAL)	04-Mar-21
0001627522	-	Mobil Delvac 1 ESP 5W-40	1	Gallon(GAL)	04-Mar-21
0001627523	-	Mobil Delvac 1 ESP 5W-40	1	Gallon(GAL)	04-Mar-21
0001627524	-	Mobil Delvac 1 ESP 5W-40	1	Gallon(GAL)	04-Mar-21
0001627525	-	Mobil Delvac 1 ESP 5W-40	1	Gallon(GAL)	04-Mar-21
0001627526	-	Mobil Delvac 1 ESP 5W-40	1	Gallon(GAL)	04-Mar-21
0001627527	-	Parts Plus Type F ATF	1	Quarts(QT)	04-Mar-21
0001627529	-	Parts Plus Type F ATF	1	Quarts(QT)	04-Mar-21
0001627528	-	Parts Plus Type F ATF	1	Quarts(QT)	04-Mar-21
0001627516	-	CAT HYDO ADVANCED 10 HYDRAULIC OIL	5	Gallon(GAL)	04-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001627517	-	CAT HYDO ADVANCED 10 HYDRAULIC OIL	5	Gallon(GAL)	04-Mar-21
0001627518	-	CAT HYDO ADVANCED 10 HYDRAULIC OIL	5	Gallon(GAL)	04-Mar-21
0001627533	-	Castrol Go! 4T 10W-40	1	Quarts(QT)	04-Mar-21
0001627540	-	Castrol Go! 4T 10W-40	1	Quarts(QT)	04-Mar-21
0001627544	-	Castrol Go! 4T 10W-40	1	Quarts(QT)	04-Mar-21
0001627534	-	Castrol Go! 4T 10W-40	1	Quarts(QT)	04-Mar-21
0001627543	-	Castrol Go! 4T 10W-40	1	Quarts(QT)	04-Mar-21
0001627542	-	Castrol Go! 4T 10W-40	1	Quarts(QT)	04-Mar-21
0001627541	-	Castrol Go! 4T 10W-40	1	Quarts(QT)	04-Mar-21
0001627539	-	Castrol Go! 4T 10W-40	1	Quarts(QT)	04-Mar-21
0001627538	-	Castrol Go! 4T 10W-40	1	Quarts(QT)	04-Mar-21
0001627537	-	Castrol Go! 4T 10W-40	1	Quarts(QT)	04-Mar-21
0001627535	-	Castrol Go! 4T 10W-40	1	Quarts(QT)	04-Mar-21
0001627536	-	Castrol Go! 4T 10W-40	1	Quarts(QT)	04-Mar-21
0001320336	7697-37-2	NITRIC ACID SOLUTIONS	250	Milliliter(ML)	04-Mar-21
0001458339	-	LOCTITE SUPER GLUE	1	Ounces(OZ)	04-Mar-21
0001458336	-	LOCTITE SUPER GLUE	1	Ounces(OZ)	04-Mar-21
0001458337	-	LOCTITE SUPER GLUE	1	Ounces(OZ)	04-Mar-21
0001458338	-	LOCTITE SUPER GLUE	1	Ounces(OZ)	04-Mar-21
0001458335	-	LOCTITE SUPER GLUE	1	Ounces(OZ)	04-Mar-21
0001456901	-	Hand Cleaner	1	Gallon(GAL)	04-Mar-21
0001456831	-	BRIGHT TOUCH SPRAY PAINT	12	Ounces(OZ)	04-Mar-21
0001456832	-	BRIGHT TOUCH SPRAY PAINT	12	Ounces(OZ)	04-Mar-21
0001456833	-	BRIGHT TOUCH SPRAY PAINT	12	Ounces(OZ)	04-Mar-21
0001613429	-	MicroCare Fiber Preparation Fluid	3	Ounces(OZ)	04-Mar-21
0001613430	-	MicroCare Fiber Preparation Fluid	3	Ounces(OZ)	04-Mar-21
0001613438	-	MicroCare Fiber Preparation Fluid	3	Ounces(OZ)	04-Mar-21
0001613436	-	MicroCare Fiber Preparation Fluid	3	Ounces(OZ)	04-Mar-21
0001613435	-	MicroCare Fiber Preparation Fluid	3	Ounces(OZ)	04-Mar-21
0001613434	-	MicroCare Fiber Preparation Fluid	3	Ounces(OZ)	04-Mar-21
0001613431	-	MicroCare Fiber Preparation Fluid	3	Ounces(OZ)	04-Mar-21
0001613437	-	MicroCare Fiber Preparation Fluid	3	Ounces(OZ)	04-Mar-21
0001613433	-	MicroCare Fiber Preparation Fluid	3	Ounces(OZ)	04-Mar-21
0001613432	-	MicroCare Fiber Preparation Fluid	3	Ounces(OZ)	04-Mar-21
0001613443	109-66-0	PENTANE ANHYDROUS	1	Liters(L)	05-Mar-21
0001613444	109-66-0	PENTANE ANHYDROUS	1	Liters(L)	05-Mar-21
0001613446	109-66-0	PENTANE ANHYDROUS	1	Liters(L)	05-Mar-21
0001613445	109-66-0	PENTANE ANHYDROUS	1	Liters(L)	05-Mar-21
0001613447	109-66-0	PENTANE ANHYDROUS	1	Liters(L)	05-Mar-21
0001613448	109-66-0	PENTANE ANHYDROUS	1	Liters(L)	05-Mar-21
0001613457	7664-93-9	Sulfuric Acid	15	Pounds(LB)	05-Mar-21
0001613460	7664-93-9	Sulfuric Acid	15	Pounds(LB)	05-Mar-21
0001613459	7664-93-9	Sulfuric Acid	15	Pounds(LB)	05-Mar-21
0001613458	7664-93-9	Sulfuric Acid	15	Pounds(LB)	05-Mar-21
0001613425	-	SODIUM THIOSULFATE ANHYDROUS	250	Gram(GM)	05-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001613461	-	ACETONE ACS	2.5	Liters(L)	05-Mar-21
0001613462	-	ACETONE ACS	2.5	Liters(L)	05-Mar-21
0001613463	-	ACETONE ACS	2.5	Liters(L)	05-Mar-21
0001613464	-	ACETONE ACS	2.5	Liters(L)	05-Mar-21
0001577909	-	SHAW 4100	4	Gallon(GAL)	05-Mar-21
0001613465	7085-85-0	Gorilla Super Glue	15	Gram(GM)	05-Mar-21
0001577966	-	WD-40 AEROSOL	12	Ounces(OZ)	05-Mar-21
0001577976	-	WD-40 AEROSOL	12	Ounces(OZ)	05-Mar-21
0001577967	-	WD-40 AEROSOL	12	Ounces(OZ)	05-Mar-21
0001577968	-	WD-40 AEROSOL	12	Ounces(OZ)	05-Mar-21
0001577969	-	WD-40 AEROSOL	12	Ounces(OZ)	05-Mar-21
0001577970	-	WD-40 AEROSOL	12	Ounces(OZ)	05-Mar-21
0001577977	-	WD-40 AEROSOL	12	Ounces(OZ)	05-Mar-21
0001577975	-	WD-40 AEROSOL	12	Ounces(OZ)	05-Mar-21
0001577974	-	WD-40 AEROSOL	12	Ounces(OZ)	05-Mar-21
0001577973	-	WD-40 AEROSOL	12	Ounces(OZ)	05-Mar-21
0001577971	-	WD-40 AEROSOL	12	Ounces(OZ)	05-Mar-21
0001577972	-	WD-40 AEROSOL	12	Ounces(OZ)	05-Mar-21
0001613466	7085-85-0	Gorilla Super Glue	15	Gram(GM)	05-Mar-21
0001613449	-	MOLYKOTE High Vacuum Grease	5.3	Ounces(OZ)	05-Mar-21
0001613450	-	MOLYKOTE High Vacuum Grease	5.3	Ounces(OZ)	05-Mar-21
0001613370	-	pH Buffer Solution Kit 4 L Color-coded pH 4.01 pH 7.00 and pH 10.01	60	Microliter	05-Mar-21
0001613562	-	Ammonia LR TNT Reagent A	25	Gram(GM)	05-Mar-21
0001613577	-	Ammonia LR TNT Reagent A	25	Gram(GM)	05-Mar-21
0001613573	-	Ammonia LR TNT Reagent A	25	Gram(GM)	05-Mar-21
0001613574	-	Ammonia LR TNT Reagent A	25	Gram(GM)	05-Mar-21
0001613575	-	Ammonia LR TNT Reagent A	25	Gram(GM)	05-Mar-21
0001613569	-	Ammonia LR TNT Reagent A	25	Gram(GM)	05-Mar-21
0001613576	-	Ammonia LR TNT Reagent A	25	Gram(GM)	05-Mar-21
0001613572	-	Ammonia LR TNT Reagent A	25	Gram(GM)	05-Mar-21
0001613570	-	Ammonia LR TNT Reagent A	25	Gram(GM)	05-Mar-21
0001613568	-	Ammonia LR TNT Reagent A	25	Gram(GM)	05-Mar-21
0001613567	-	Ammonia LR TNT Reagent A	25	Gram(GM)	05-Mar-21
0001613566	-	Ammonia LR TNT Reagent A	25	Gram(GM)	05-Mar-21
0001613565	-	Ammonia LR TNT Reagent A	25	Gram(GM)	05-Mar-21
0001613563	-	Ammonia LR TNT Reagent A	25	Gram(GM)	05-Mar-21
0001613564	-	Ammonia LR TNT Reagent A	25	Gram(GM)	05-Mar-21
0001613571	-	Ammonia LR TNT Reagent A	25	Gram(GM)	05-Mar-21
0001613578	-	NITROGEN NITRATE STANDARD SOLUTION	500	Milliliter(ML)	05-Mar-21
0001613581	-	NITROGEN NITRATE STANDARD SOLUTION	500	Milliliter(ML)	05-Mar-21
0001613580	-	NITROGEN NITRATE STANDARD SOLUTION	500	Milliliter(ML)	05-Mar-21
0001613579	-	NITROGEN NITRATE STANDARD SOLUTION	500	Milliliter(ML)	05-Mar-21
0001613582	-	NITROGEN NITRATE STANDARD SOLUTION	500	Milliliter(ML)	05-Mar-21
0001613583	-	NITROGEN NITRATE STANDARD SOLUTION	500	Milliliter(ML)	05-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001613588	-	7649 PRIMER	25	Gram(GM)	05-Mar-21
0001659199	-	GOLD PLATING SOLUTION	55	Gallon(GAL)	05-Mar-21
0001578154	-	LIQUID NAILS HEAVY DUTY	10	Ounces(OZ)	05-Mar-21
0001578162	-	LIQUID NAILS HEAVY DUTY	10	Ounces(OZ)	05-Mar-21
0001578156	-	LIQUID NAILS HEAVY DUTY	10	Ounces(OZ)	05-Mar-21
0001578155	-	LIQUID NAILS HEAVY DUTY	10	Ounces(OZ)	05-Mar-21
0001578165	-	LIQUID NAILS HEAVY DUTY	10	Ounces(OZ)	05-Mar-21
0001578159	-	LIQUID NAILS HEAVY DUTY	10	Ounces(OZ)	05-Mar-21
0001578158	-	LIQUID NAILS HEAVY DUTY	10	Ounces(OZ)	05-Mar-21
0001578160	-	LIQUID NAILS HEAVY DUTY	10	Ounces(OZ)	05-Mar-21
0001578157	-	LIQUID NAILS HEAVY DUTY	10	Ounces(OZ)	05-Mar-21
0001578161	-	LIQUID NAILS HEAVY DUTY	10	Ounces(OZ)	05-Mar-21
0001578164	-	LIQUID NAILS HEAVY DUTY	10	Ounces(OZ)	05-Mar-21
0001578163	-	LIQUID NAILS HEAVY DUTY	10	Ounces(OZ)	05-Mar-21
0001646712	51235-04-2	HEXAZINONE	2.5	Gallon(GAL)	05-Mar-21
0001577910	-	MOBILITH SHC 007 GREASE	5	Gallon(GAL)	05-Mar-21
0001646726	51235-04-2	HEXAZINONE	2.5	Gallon(GAL)	05-Mar-21
0001646715	51235-04-2	HEXAZINONE	2.5	Gallon(GAL)	05-Mar-21
0001646716	51235-04-2	HEXAZINONE	2.5	Gallon(GAL)	05-Mar-21
0001646717	51235-04-2	HEXAZINONE	2.5	Gallon(GAL)	05-Mar-21
0001646718	51235-04-2	HEXAZINONE	2.5	Gallon(GAL)	05-Mar-21
0001646733	51235-04-2	HEXAZINONE	2.5	Gallon(GAL)	05-Mar-21
0001646732	51235-04-2	HEXAZINONE	2.5	Gallon(GAL)	05-Mar-21
0001646731	51235-04-2	HEXAZINONE	2.5	Gallon(GAL)	05-Mar-21
0001646730	51235-04-2	HEXAZINONE	2.5	Gallon(GAL)	05-Mar-21
0001646729	51235-04-2	HEXAZINONE	2.5	Gallon(GAL)	05-Mar-21
0001646727	51235-04-2	HEXAZINONE	2.5	Gallon(GAL)	05-Mar-21
0001646725	51235-04-2	HEXAZINONE	2.5	Gallon(GAL)	05-Mar-21
0001646724	51235-04-2	HEXAZINONE	2.5	Gallon(GAL)	05-Mar-21
0001646723	51235-04-2	HEXAZINONE	2.5	Gallon(GAL)	05-Mar-21
0001646719	51235-04-2	HEXAZINONE	2.5	Gallon(GAL)	05-Mar-21
0001646714	51235-04-2	HEXAZINONE	2.5	Gallon(GAL)	05-Mar-21
0001646722	51235-04-2	HEXAZINONE	2.5	Gallon(GAL)	05-Mar-21
0001646721	51235-04-2	HEXAZINONE	2.5	Gallon(GAL)	05-Mar-21
0001646720	51235-04-2	HEXAZINONE	2.5	Gallon(GAL)	05-Mar-21
0001646728	51235-04-2	HEXAZINONE	2.5	Gallon(GAL)	05-Mar-21
0001646713	51235-04-2	HEXAZINONE	2.5	Gallon(GAL)	05-Mar-21
V000007D0F	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	05-Mar-21
V000007D0A	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	05-Mar-21
V000007D0B	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	05-Mar-21
V000007D0C	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	05-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000007D08	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	05-Mar-21
V000007D0E	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	05-Mar-21
V000007D07	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	05-Mar-21
V000007D10	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	05-Mar-21
V000007D11	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	05-Mar-21
V000007D0D	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	05-Mar-21
V000007D03	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	05-Mar-21
V000007D09	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	05-Mar-21
V000007D02	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	05-Mar-21
V000007D04	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	05-Mar-21
V000007D05	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	05-Mar-21
V000007D06	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	05-Mar-21
V000007D1C	-	SHEETROCK Brand Patching Compound EASY SAND 5	3	Gallon(GAL)	05-Mar-21
V000007D1B	-	SHEETROCK Brand Patching Compound EASY SAND 5	3	Gallon(GAL)	05-Mar-21
V000007D19	-	SHEETROCK Brand Patching Compound EASY SAND 5	3	Gallon(GAL)	05-Mar-21
V000007D1A	-	SHEETROCK Brand Patching Compound EASY SAND 5	3	Gallon(GAL)	05-Mar-21
V000007D1D	-	SHEETROCK Brand Patching Compound EASY SAND 5	3	Gallon(GAL)	05-Mar-21
V000007D12	-	SHEETROCK Brand Patching Compound EASY SAND 5	3	Gallon(GAL)	05-Mar-21
V000007D13	-	SHEETROCK Brand Patching Compound EASY SAND 5	3	Gallon(GAL)	05-Mar-21
V000007D14	-	SHEETROCK Brand Patching Compound EASY SAND 5	3	Gallon(GAL)	05-Mar-21
V000007D15	-	SHEETROCK Brand Patching Compound EASY SAND 5	3	Gallon(GAL)	05-Mar-21
V000007D16	-	SHEETROCK Brand Patching Compound EASY SAND 5	3	Gallon(GAL)	05-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000007D17	-	SHEETROCK Brand Patching Compound EASY SAND 5	3	Gallon(GAL)	05-Mar-21
V000007D18	-	SHEETROCK Brand Patching Compound EASY SAND 5	3	Gallon(GAL)	05-Mar-21
V000007D3B	-	Avalon Premium 100% Acrylic Interior Flat W/B	1	Gallon(GAL)	05-Mar-21
V000007D33	-	Avalon Premium 100% Acrylic Interior Flat W/B	1	Gallon(GAL)	05-Mar-21
V000007D35	-	Avalon Premium 100% Acrylic Interior Flat W/B	1	Gallon(GAL)	05-Mar-21
V000007D36	-	Avalon Premium 100% Acrylic Interior Flat W/B	1	Gallon(GAL)	05-Mar-21
V000007D37	-	Avalon Premium 100% Acrylic Interior Flat W/B	1	Gallon(GAL)	05-Mar-21
V000007D38	-	Avalon Premium 100% Acrylic Interior Flat W/B	1	Gallon(GAL)	05-Mar-21
V000007D31	-	Avalon Premium 100% Acrylic Interior Flat W/B	1	Gallon(GAL)	05-Mar-21
V000007D3A	-	Avalon Premium 100% Acrylic Interior Flat W/B	1	Gallon(GAL)	05-Mar-21
V000007D32	-	Avalon Premium 100% Acrylic Interior Flat W/B	1	Gallon(GAL)	05-Mar-21
V000007D3C	-	Avalon Premium 100% Acrylic Interior Flat W/B	1	Gallon(GAL)	05-Mar-21
V000007D3D	-	Avalon Premium 100% Acrylic Interior Flat W/B	1	Gallon(GAL)	05-Mar-21
V000007D20	-	Avalon Premium 100% Acrylic Interior Flat W/B	1	Gallon(GAL)	05-Mar-21
V000007D1F	-	Avalon Premium 100% Acrylic Interior Flat W/B	1	Gallon(GAL)	05-Mar-21
V000007D21	-	Avalon Premium 100% Acrylic Interior Flat W/B	1	Gallon(GAL)	05-Mar-21
V000007D1E	-	Avalon Premium 100% Acrylic Interior Flat W/B	1	Gallon(GAL)	05-Mar-21
V000007D39	-	Avalon Premium 100% Acrylic Interior Flat W/B	1	Gallon(GAL)	05-Mar-21
V000007D29	-	Avalon Premium 100% Acrylic Interior Flat W/B	1	Gallon(GAL)	05-Mar-21
V000007D22	-	Avalon Premium 100% Acrylic Interior Flat W/B	1	Gallon(GAL)	05-Mar-21
V000007D23	-	Avalon Premium 100% Acrylic Interior Flat W/B	1	Gallon(GAL)	05-Mar-21
V000007D24	-	Avalon Premium 100% Acrylic Interior Flat W/B	1	Gallon(GAL)	05-Mar-21
V000007D25	-	Avalon Premium 100% Acrylic Interior Flat W/B	1	Gallon(GAL)	05-Mar-21
V000007D26	-	Avalon Premium 100% Acrylic Interior Flat W/B	1	Gallon(GAL)	05-Mar-21
V000007D34	-	Avalon Premium 100% Acrylic Interior Flat W/B	1	Gallon(GAL)	05-Mar-21
V000007D28	-	Avalon Premium 100% Acrylic Interior Flat W/B	1	Gallon(GAL)	05-Mar-21
V000007D30	-	Avalon Premium 100% Acrylic Interior Flat W/B	1	Gallon(GAL)	05-Mar-21
V000007D2A	-	Avalon Premium 100% Acrylic Interior Flat W/B	1	Gallon(GAL)	05-Mar-21
V000007D2B	-	Avalon Premium 100% Acrylic Interior Flat W/B	1	Gallon(GAL)	05-Mar-21
V000007D2C	-	Avalon Premium 100% Acrylic Interior Flat W/B	1	Gallon(GAL)	05-Mar-21
V000007D2D	-	Avalon Premium 100% Acrylic Interior Flat W/B	1	Gallon(GAL)	05-Mar-21
V000007D2E	-	Avalon Premium 100% Acrylic Interior Flat W/B	1	Gallon(GAL)	05-Mar-21
V000007D2F	-	Avalon Premium 100% Acrylic Interior Flat W/B	1	Gallon(GAL)	05-Mar-21
V000007D27	-	Avalon Premium 100% Acrylic Interior Flat W/B	1	Gallon(GAL)	05-Mar-21
0001646734	-	Helena Spray Indicator XL	1	Gallon(GAL)	05-Mar-21
0001646739	-	Helena Spray Indicator XL	1	Gallon(GAL)	05-Mar-21
0001646738	-	Helena Spray Indicator XL	1	Gallon(GAL)	05-Mar-21
0001646737	-	Helena Spray Indicator XL	1	Gallon(GAL)	05-Mar-21
0001646736	-	Helena Spray Indicator XL	1	Gallon(GAL)	05-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001646735	-	Helena Spray Indicator XL	1	Gallon(GAL)	05-Mar-21
0001646743	-	Helena Spray Indicator XL	1	Gallon(GAL)	05-Mar-21
0001646740	-	Helena Spray Indicator XL	1	Gallon(GAL)	05-Mar-21
0001646742	-	Helena Spray Indicator XL	1	Gallon(GAL)	05-Mar-21
0001646746	-	Helena Spray Indicator XL	1	Gallon(GAL)	05-Mar-21
0001646747	-	Helena Spray Indicator XL	1	Gallon(GAL)	05-Mar-21
0001646748	-	Helena Spray Indicator XL	1	Gallon(GAL)	05-Mar-21
0001646744	-	Helena Spray Indicator XL	1	Gallon(GAL)	05-Mar-21
0001646741	-	Helena Spray Indicator XL	1	Gallon(GAL)	05-Mar-21
0001646745	-	Helena Spray Indicator XL	1	Gallon(GAL)	05-Mar-21
0001613591	-	Bromcresol Green-Methyl Red Indicator Powder Pillows	1	Liters(L)	05-Mar-21
0001613598	-	Bromcresol Green-Methyl Red Indicator Powder Pillows	1	Liters(L)	05-Mar-21
0001613597	-	Bromcresol Green-Methyl Red Indicator Powder Pillows	1	Liters(L)	05-Mar-21
0001613596	-	Bromcresol Green-Methyl Red Indicator Powder Pillows	1	Liters(L)	05-Mar-21
0001613595	-	Bromcresol Green-Methyl Red Indicator Powder Pillows	1	Liters(L)	05-Mar-21
0001613594	-	Bromcresol Green-Methyl Red Indicator Powder Pillows	1	Liters(L)	05-Mar-21
0001613593	-	Bromcresol Green-Methyl Red Indicator Powder Pillows	1	Liters(L)	05-Mar-21
0001613592	-	Bromcresol Green-Methyl Red Indicator Powder Pillows	1	Liters(L)	05-Mar-21
0001613599	-	Bromcresol Green-Methyl Red Indicator Powder Pillows	1	Liters(L)	05-Mar-21
0001613600	-	Bromcresol Green-Methyl Red Indicator Powder Pillows	1	Liters(L)	05-Mar-21
0001613601	-	FerroVer Iron Reagent	10	Milliliter(ML)	05-Mar-21
0001613605	-	FerroVer Iron Reagent	10	Milliliter(ML)	05-Mar-21
0001613607	-	FerroVer Iron Reagent	10	Milliliter(ML)	05-Mar-21
0001613609	-	FerroVer Iron Reagent	10	Milliliter(ML)	05-Mar-21
0001613602	-	FerroVer Iron Reagent	10	Milliliter(ML)	05-Mar-21
0001613603	-	FerroVer Iron Reagent	10	Milliliter(ML)	05-Mar-21
0001613604	-	FerroVer Iron Reagent	10	Milliliter(ML)	05-Mar-21
0001613608	-	FerroVer Iron Reagent	10	Milliliter(ML)	05-Mar-21
0001613606	-	FerroVer Iron Reagent	10	Milliliter(ML)	05-Mar-21
0001613610	-	FerroVer Iron Reagent	10	Milliliter(ML)	05-Mar-21
0001613617	-	NORLAND OPTICAL ADHESIVE 68	10	Gram(GM)	05-Mar-21
0001613618	-	NORLAND OPTICAL ADHESIVE 68	10	Gram(GM)	05-Mar-21
0001646749	-	GROUNDED (ADJUVANT)	2.5	Gallon(GAL)	05-Mar-21
0001646750	-	GROUNDED (ADJUVANT)	2.5	Gallon(GAL)	05-Mar-21
0001646751	-	GROUNDED (ADJUVANT)	2.5	Gallon(GAL)	05-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001646752	-	GROUNDED (ADJUVANT)	2.5	Gallon(GAL)	05-Mar-21
0001646771	-	MICRO-BLAZE EMERGENCY LIQUID SPILL CONTROL	1	Gallon(GAL)	05-Mar-21
0001646778	-	MICRO-BLAZE EMERGENCY LIQUID SPILL CONTROL	1	Gallon(GAL)	05-Mar-21
0001646785	-	MICRO-BLAZE EMERGENCY LIQUID SPILL CONTROL	1	Gallon(GAL)	05-Mar-21
0001646784	-	MICRO-BLAZE EMERGENCY LIQUID SPILL CONTROL	1	Gallon(GAL)	05-Mar-21
0001646783	-	MICRO-BLAZE EMERGENCY LIQUID SPILL CONTROL	1	Gallon(GAL)	05-Mar-21
0001646782	-	MICRO-BLAZE EMERGENCY LIQUID SPILL CONTROL	1	Gallon(GAL)	05-Mar-21
0001646781	-	MICRO-BLAZE EMERGENCY LIQUID SPILL CONTROL	1	Gallon(GAL)	05-Mar-21
0001646786	-	MICRO-BLAZE EMERGENCY LIQUID SPILL CONTROL	1	Gallon(GAL)	05-Mar-21
0001646779	-	MICRO-BLAZE EMERGENCY LIQUID SPILL CONTROL	1	Gallon(GAL)	05-Mar-21
0001646777	-	MICRO-BLAZE EMERGENCY LIQUID SPILL CONTROL	1	Gallon(GAL)	05-Mar-21
0001646776	-	MICRO-BLAZE EMERGENCY LIQUID SPILL CONTROL	1	Gallon(GAL)	05-Mar-21
0001646774	-	MICRO-BLAZE EMERGENCY LIQUID SPILL CONTROL	1	Gallon(GAL)	05-Mar-21
0001646773	-	MICRO-BLAZE EMERGENCY LIQUID SPILL CONTROL	1	Gallon(GAL)	05-Mar-21
0001646772	-	MICRO-BLAZE EMERGENCY LIQUID SPILL CONTROL	1	Gallon(GAL)	05-Mar-21
0001646775	-	MICRO-BLAZE EMERGENCY LIQUID SPILL CONTROL	1	Gallon(GAL)	05-Mar-21
0001646780	-	MICRO-BLAZE EMERGENCY LIQUID SPILL CONTROL	1	Gallon(GAL)	05-Mar-21
0001058636	-	Zero Oxygen Standard	500	Milliliter(ML)	05-Mar-21
V000007D46	-	Alex Plus Clear	10.1	Ounces(OZ)	05-Mar-21
V000007D43	-	Alex Plus Clear	10.1	Ounces(OZ)	05-Mar-21
V000007D49	-	Alex Plus Clear	10.1	Ounces(OZ)	05-Mar-21
V000007D48	-	Alex Plus Clear	10.1	Ounces(OZ)	05-Mar-21
V000007D47	-	Alex Plus Clear	10.1	Ounces(OZ)	05-Mar-21
V000007D44	-	Alex Plus Clear	10.1	Ounces(OZ)	05-Mar-21
V000007D42	-	Alex Plus Clear	10.1	Ounces(OZ)	05-Mar-21
V000007D41	-	Alex Plus Clear	10.1	Ounces(OZ)	05-Mar-21
V000007D45	-	Alex Plus Clear	10.1	Ounces(OZ)	05-Mar-21
V000007D3E	-	Alex Plus Clear	10.1	Ounces(OZ)	05-Mar-21
V000007D3F	-	Alex Plus Clear	10.1	Ounces(OZ)	05-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000007D40	-	Alex Plus Clear	10.1	Ounces(OZ)	05-Mar-21
V000007D51	-	LIQUID NAILS PANEL AND CONSTRUCTION ADHESIVE	10	Ounces(OZ)	05-Mar-21
V000007D55	-	LIQUID NAILS PANEL AND CONSTRUCTION ADHESIVE	10	Ounces(OZ)	05-Mar-21
V000007D54	-	LIQUID NAILS PANEL AND CONSTRUCTION ADHESIVE	10	Ounces(OZ)	05-Mar-21
V000007D52	-	LIQUID NAILS PANEL AND CONSTRUCTION ADHESIVE	10	Ounces(OZ)	05-Mar-21
V000007D50	-	LIQUID NAILS PANEL AND CONSTRUCTION ADHESIVE	10	Ounces(OZ)	05-Mar-21
V000007D4E	-	LIQUID NAILS PANEL AND CONSTRUCTION ADHESIVE	10	Ounces(OZ)	05-Mar-21
V000007D4D	-	LIQUID NAILS PANEL AND CONSTRUCTION ADHESIVE	10	Ounces(OZ)	05-Mar-21
V000007D4C	-	LIQUID NAILS PANEL AND CONSTRUCTION ADHESIVE	10	Ounces(OZ)	05-Mar-21
V000007D4B	-	LIQUID NAILS PANEL AND CONSTRUCTION ADHESIVE	10	Ounces(OZ)	05-Mar-21
V000007D4A	-	LIQUID NAILS PANEL AND CONSTRUCTION ADHESIVE	10	Ounces(OZ)	05-Mar-21
V000007D4F	-	LIQUID NAILS PANEL AND CONSTRUCTION ADHESIVE	10	Ounces(OZ)	05-Mar-21
V000007D53	-	LIQUID NAILS PANEL AND CONSTRUCTION ADHESIVE	10	Ounces(OZ)	05-Mar-21
0001613590	581-43-1	2 6-DIHYDROXYNAPHTHALENE	5	Gram(GM)	05-Mar-21
0001613589	-	LOCTITE 680 RETAINING COMPOUND	10	Milliliter(ML)	05-Mar-21
0001612619	-	Ruthenium ICP standard RuCl3 in HCl 7% 1000 mg/l Ru Certipur	100	Milliliter(ML)	05-Mar-21
0001611690	109-72-8	N-BUTYLLITHIUM	100	Milliliter(ML)	05-Mar-21
0001611691	109-72-8	N-BUTYLLITHIUM	100	Milliliter(ML)	05-Mar-21
0001613619	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	05-Mar-21
0001613631	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	05-Mar-21
0001613635	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	05-Mar-21
0001613632	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	05-Mar-21
0001613637	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	05-Mar-21
0001613638	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	05-Mar-21
0001613634	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	05-Mar-21
0001613633	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	05-Mar-21
0001613623	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	05-Mar-21
0001613636	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	05-Mar-21
0001613622	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	05-Mar-21
0001613642	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	05-Mar-21
0001613641	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	05-Mar-21
0001613640	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	05-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001613620	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	05-Mar-21
0001613625	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	05-Mar-21
0001613621	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	05-Mar-21
0001613630	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	05-Mar-21
0001613624	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	05-Mar-21
0001613626	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	05-Mar-21
0001613627	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	05-Mar-21
0001613628	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	05-Mar-21
0001613629	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	05-Mar-21
0001613639	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	05-Mar-21
0001613643	-	Apiezon grease L	50	Gram(GM)	05-Mar-21
0001613644	-	Apiezon grease L	50	Gram(GM)	05-Mar-21
0001613645	4857-06-1	2-Chlorobenzimidazole	5	Gram(GM)	05-Mar-21
0001613646	1195-59-1	2 6-PYRIDINEDIMETHANOL	5	Gram(GM)	05-Mar-21
0001613647	7439-88-5	IRIDIUM ICP STANDARD SOLUTION	100	Milliliter(ML)	05-Mar-21
0001613648	-	NIOBIUM ICP STANDARD	100	Milliliter(ML)	05-Mar-21
0001613649	20857-47-0	3 5-Bis(trifluoromethyl)pyridine	250	Milligram(MG)	05-Mar-21
0001613650	20857-47-0	3 5-Bis(trifluoromethyl)pyridine	250	Milligram(MG)	05-Mar-21
0001613651	20857-47-0	3 5-Bis(trifluoromethyl)pyridine	250	Milligram(MG)	05-Mar-21
0001613663	517-51-1	RUBRENE	1	Gram(GM)	05-Mar-21
0001613664	517-51-1	RUBRENE	1	Gram(GM)	05-Mar-21
0001613665	-	METHYL RED INDICATOR	120	Milliliter(ML)	05-Mar-21
0001613666	-	PERMATEX ANTI-SEIZE LUBRICANT	16	Ounces(OZ)	05-Mar-21
0001610561	-	DETERGENT 8	1	Gallon(GAL)	08-Mar-21
0001610569	-	DETERGENT 8	1	Gallon(GAL)	08-Mar-21
0001610572	-	DETERGENT 8	1	Gallon(GAL)	08-Mar-21
0001610571	-	DETERGENT 8	1	Gallon(GAL)	08-Mar-21
0001610568	-	DETERGENT 8	1	Gallon(GAL)	08-Mar-21
0001610566	-	DETERGENT 8	1	Gallon(GAL)	08-Mar-21
0001610565	-	DETERGENT 8	1	Gallon(GAL)	08-Mar-21
0001610564	-	DETERGENT 8	1	Gallon(GAL)	08-Mar-21
0001610563	-	DETERGENT 8	1	Gallon(GAL)	08-Mar-21
0001610562	-	DETERGENT 8	1	Gallon(GAL)	08-Mar-21
0001610570	-	DETERGENT 8	1	Gallon(GAL)	08-Mar-21
0001610567	-	DETERGENT 8	1	Gallon(GAL)	08-Mar-21
0001613667	110-54-3	N-HEXANE	2.5	Liters(L)	08-Mar-21
0001613668	110-54-3	N-HEXANE	2.5	Liters(L)	08-Mar-21
0001613669	7440-19-9	SAMARIUM	10	Gram(GM)	08-Mar-21
0001613670	7440-19-9	SAMARIUM	10	Gram(GM)	08-Mar-21
0001613671	7681-82-5	SODIUM IODIDE ANHYDROUS	25	Gram(GM)	08-Mar-21
0001613672	7681-82-5	SODIUM IODIDE ANHYDROUS	25	Gram(GM)	08-Mar-21
0001613673	7681-11-0	POTASSIUM IODIDE	25	Gram(GM)	08-Mar-21
0001613674	7681-11-0	POTASSIUM IODIDE	25	Gram(GM)	08-Mar-21
0001613675	110-86-1	Pyridine anhydrous	1	Liters(L)	08-Mar-21
0001613679	-	BUFFER SOLUTION PH 7.0	500	Milliliter(ML)	08-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001613680	-	MOLYKOTE 55 O-Ring Grease	150	Gram(GM)	08-Mar-21
0001613681	-	MOLYKOTE 55 O-Ring Grease	150	Gram(GM)	08-Mar-21
0001578166	-	WELD-ON 705 FOR PVC	16	Ounces(OZ)	08-Mar-21
0001578173	-	WELD-ON 705 FOR PVC	16	Ounces(OZ)	08-Mar-21
0001578184	-	WELD-ON 705 FOR PVC	16	Ounces(OZ)	08-Mar-21
0001578183	-	WELD-ON 705 FOR PVC	16	Ounces(OZ)	08-Mar-21
0001578182	-	WELD-ON 705 FOR PVC	16	Ounces(OZ)	08-Mar-21
0001578168	-	WELD-ON 705 FOR PVC	16	Ounces(OZ)	08-Mar-21
0001578169	-	WELD-ON 705 FOR PVC	16	Ounces(OZ)	08-Mar-21
0001578170	-	WELD-ON 705 FOR PVC	16	Ounces(OZ)	08-Mar-21
0001578186	-	WELD-ON 705 FOR PVC	16	Ounces(OZ)	08-Mar-21
0001578172	-	WELD-ON 705 FOR PVC	16	Ounces(OZ)	08-Mar-21
0001578187	-	WELD-ON 705 FOR PVC	16	Ounces(OZ)	08-Mar-21
0001578174	-	WELD-ON 705 FOR PVC	16	Ounces(OZ)	08-Mar-21
0001578175	-	WELD-ON 705 FOR PVC	16	Ounces(OZ)	08-Mar-21
0001578176	-	WELD-ON 705 FOR PVC	16	Ounces(OZ)	08-Mar-21
0001578177	-	WELD-ON 705 FOR PVC	16	Ounces(OZ)	08-Mar-21
0001578178	-	WELD-ON 705 FOR PVC	16	Ounces(OZ)	08-Mar-21
0001578179	-	WELD-ON 705 FOR PVC	16	Ounces(OZ)	08-Mar-21
0001578180	-	WELD-ON 705 FOR PVC	16	Ounces(OZ)	08-Mar-21
0001578171	-	WELD-ON 705 FOR PVC	16	Ounces(OZ)	08-Mar-21
0001578167	-	WELD-ON 705 FOR PVC	16	Ounces(OZ)	08-Mar-21
0001578185	-	WELD-ON 705 FOR PVC	16	Ounces(OZ)	08-Mar-21
0001578181	-	WELD-ON 705 FOR PVC	16	Ounces(OZ)	08-Mar-21
0001423369	-	CHICO A SEALING COMPOUND	1	Pint(PT)	08-Mar-21
0001423372	-	CHICO A SEALING COMPOUND	1	Pint(PT)	08-Mar-21
0001423370	-	CHICO A SEALING COMPOUND	1	Pint(PT)	08-Mar-21
0001423371	-	CHICO A SEALING COMPOUND	1	Pint(PT)	08-Mar-21
0001613682	-	Ndel	20	Milliliter(ML)	08-Mar-21
0001613683	-	Hydrochloric Acid	1	Liters(L)	08-Mar-21
0001578199	-	Rust Oleum Premium Metallic Brilliant Finish Matte Aluminum	11	Ounces(OZ)	08-Mar-21
0001578201	-	Rust Oleum Premium Metallic Brilliant Finish Matte Aluminum	11	Ounces(OZ)	08-Mar-21
0001578203	-	Rust Oleum Premium Metallic Brilliant Finish Matte Aluminum	11	Ounces(OZ)	08-Mar-21
0001578200	-	Rust Oleum Premium Metallic Brilliant Finish Matte Aluminum	11	Ounces(OZ)	08-Mar-21
0001578204	-	Rust Oleum Premium Metallic Brilliant Finish Matte Aluminum	11	Ounces(OZ)	08-Mar-21
0001578202	-	Rust Oleum Premium Metallic Brilliant Finish Matte Aluminum	11	Ounces(OZ)	08-Mar-21
0001578205	-	KRYLON Industrial TOUGH COAT Acrylic Enamel Bright Red	12	Ounces(OZ)	08-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001578206	-	KRYLON Industrial TOUGH COAT Acrylic Enamel Bright Red	12	Ounces(OZ)	08-Mar-21
0001578207	-	KRYLON Industrial TOUGH COAT Acrylic Enamel Bright Red	12	Ounces(OZ)	08-Mar-21
0001578209	-	KRYLON Industrial TOUGH COAT Acrylic Enamel Bright Red	12	Ounces(OZ)	08-Mar-21
0001578208	-	KRYLON Industrial TOUGH COAT Acrylic Enamel Bright Red	12	Ounces(OZ)	08-Mar-21
0001578210	-	KRYLON Industrial TOUGH COAT Acrylic Enamel Bright Red	12	Ounces(OZ)	08-Mar-21
0001613684	-	NIOBIUM 10 UG/ML IN 2% HNO3 + Tr HF	100	Milliliter(ML)	08-Mar-21
0001613685	78-10-4	Tetraethoxysilane	50	Gram(GM)	08-Mar-21
0001613686	1489-69-6	Cyclopropanecarboxaldehyde	1	Gram(GM)	08-Mar-21
0001613687	10196-18-6	ZINC NITRATE HEXAHYDRATE	100	Gram(GM)	08-Mar-21
0001613688	16733-97-4	LITHIUM CYCLOPENTADIENIDE	25	Gram(GM)	08-Mar-21
0001613689	75-77-4	TRIMETHYLCHLOROSILANE	100	Gram(GM)	08-Mar-21
0001613690	693-98-1	2-METHYLIMIDAZOLE	100	Gram(GM)	08-Mar-21
0001613691	10043-11-5	Cubic Boron Nitride (CBN)	50	Gram(GM)	08-Mar-21
0001613692	462-06-6	FLUOROBENZENE	500	Gram(GM)	08-Mar-21
0001613693	462-06-6	FLUOROBENZENE	500	Gram(GM)	08-Mar-21
0001613694	67-64-1	ACETONE FOR HPLC	4	Liters(L)	08-Mar-21
0001613695	67-64-1	ACETONE FOR HPLC	4	Liters(L)	08-Mar-21
0001613696	60-29-7	DIETHYL ETHER	1	Liters(L)	08-Mar-21
0001613698	60-29-7	DIETHYL ETHER	1	Liters(L)	08-Mar-21
0001613699	60-29-7	DIETHYL ETHER	1	Liters(L)	08-Mar-21
0001613700	60-29-7	DIETHYL ETHER	1	Liters(L)	08-Mar-21
0001613697	60-29-7	DIETHYL ETHER	1	Liters(L)	08-Mar-21
0001613701	7681-52-9	Clorox Concentrated Germicidal Bleach	1	Gallon(GAL)	08-Mar-21
0001613702	7681-52-9	Clorox Concentrated Germicidal Bleach	1	Gallon(GAL)	08-Mar-21
0001613703	7681-52-9	Clorox Concentrated Germicidal Bleach	1	Gallon(GAL)	08-Mar-21
0001613704	-	COMPRESSOR OIL	500	Milliliter(ML)	08-Mar-21
0001613705	-	Vanadyl ribonucleoside complexes solution	1	Milliliter(ML)	08-Mar-21
0001578211	-	WELD-ON P-70 PRIMER FOR PVC AND CPVC PLASTIC PIPE	1	Pint(PT)	08-Mar-21
0001578213	-	WELD-ON P-70 PRIMER FOR PVC AND CPVC PLASTIC PIPE	1	Pint(PT)	08-Mar-21
0001578214	-	WELD-ON P-70 PRIMER FOR PVC AND CPVC PLASTIC PIPE	1	Pint(PT)	08-Mar-21
0001578212	-	WELD-ON P-70 PRIMER FOR PVC AND CPVC PLASTIC PIPE	1	Pint(PT)	08-Mar-21
0001578215	-	WELD-ON P-70 PRIMER FOR PVC AND CPVC PLASTIC PIPE	1	Pint(PT)	08-Mar-21
0001578216	-	WELD-ON P-70 PRIMER FOR PVC AND CPVC PLASTIC PIPE	1	Pint(PT)	08-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001578217	-	WELD-ON P-70 PRIMER FOR PVC AND CPVC PLASTIC PIPE	1	Pint(PT)	08-Mar-21
0001578218	-	WELD-ON P-70 PRIMER FOR PVC AND CPVC PLASTIC PIPE	1	Pint(PT)	08-Mar-21
0001578222	-	WELD-ON P-70 PRIMER FOR PVC AND CPVC PLASTIC PIPE	1	Pint(PT)	08-Mar-21
0001578221	-	WELD-ON P-70 PRIMER FOR PVC AND CPVC PLASTIC PIPE	1	Pint(PT)	08-Mar-21
0001578219	-	WELD-ON P-70 PRIMER FOR PVC AND CPVC PLASTIC PIPE	1	Pint(PT)	08-Mar-21
0001578220	-	WELD-ON P-70 PRIMER FOR PVC AND CPVC PLASTIC PIPE	1	Pint(PT)	08-Mar-21
0001627747	-	76F Innerliner Repair Sealant	16	Ounces(OZ)	08-Mar-21
0001627751	-	76F Innerliner Repair Sealant	16	Ounces(OZ)	08-Mar-21
0001627749	-	76F Innerliner Repair Sealant	16	Ounces(OZ)	08-Mar-21
0001627752	-	76F Innerliner Repair Sealant	16	Ounces(OZ)	08-Mar-21
0001627748	-	76F Innerliner Repair Sealant	16	Ounces(OZ)	08-Mar-21
0001627750	-	76F Innerliner Repair Sealant	16	Ounces(OZ)	08-Mar-21
V000007D67	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
V000007D73	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
V000007D72	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
V000007D71	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
V000007D70	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
V000007D6F	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
V000007D6E	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
V000007D6D	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
V000007D6C	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
V000007D69	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
V000007D66	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
V000007D6A	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
V000007D75	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
V000007D74	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
V000007D6B	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
V000007D8C	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
V000007D7E	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
V000007D7D	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
V000007D7C	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
V000007D7B	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
V000007D7A	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
V000007D79	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
V000007D78	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000007D68	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
V000007D7F	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
V000007D8D	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
V000007D77	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
V000007D8B	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
V000007D8A	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
V000007D89	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
V000007D88	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
V000007D87	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
V000007D86	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
V000007D85	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
V000007D84	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
V000007D83	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
V000007D82	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
V000007D9B	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
V000007D81	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
V000007D96	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
V000007D95	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
V000007D94	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
V000007D80	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
V000007D97	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
V000007D93	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
V000007D98	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
V000007D92	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
V000007D91	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
V000007D90	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
V000007D8F	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
V000007D8E	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
V000007D9A	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
V000007D99	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
V000007D76	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	08-Mar-21
0001627546	-	ULTRA GREY SILICONE GASKET MAKER	3.5	Ounces(OZ)	08-Mar-21
0001627547	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	08-Mar-21
0001627549	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	08-Mar-21
0001627553	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	08-Mar-21
0001627552	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	08-Mar-21
0001627550	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	08-Mar-21
0001627548	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	08-Mar-21
0001627551	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	08-Mar-21
0001627554	-	Pyroil CARB & THROTTLE BODY CLEANER PYC16	13	Ounces(OZ)	08-Mar-21
0001627555	-	PYROIL BRAKE PARTS CLEANE	13	Ounces(OZ)	08-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001627561	-	PYROIL BRAKE PARTS CLEANE	13	Ounces(OZ)	08-Mar-21
0001627562	-	PYROIL BRAKE PARTS CLEANE	13	Ounces(OZ)	08-Mar-21
0001627556	-	PYROIL BRAKE PARTS CLEANE	13	Ounces(OZ)	08-Mar-21
0001627557	-	PYROIL BRAKE PARTS CLEANE	13	Ounces(OZ)	08-Mar-21
0001627558	-	PYROIL BRAKE PARTS CLEANE	13	Ounces(OZ)	08-Mar-21
0001627559	-	PYROIL BRAKE PARTS CLEANE	13	Ounces(OZ)	08-Mar-21
0001627563	-	PYROIL BRAKE PARTS CLEANE	13	Ounces(OZ)	08-Mar-21
0001627560	-	PYROIL BRAKE PARTS CLEANE	13	Ounces(OZ)	08-Mar-21
0001613706	-	DiIC12(3) (1 1''-didodecyl-3 3 3'' 3''-tetramethylindocarbocyanine perchlorate)	100	Milligram(MG)	08-Mar-21
0001613707	-	DiIC12(3) (1 1''-didodecyl-3 3 3'' 3''-tetramethylindocarbocyanine perchlorate)	100	Milligram(MG)	08-Mar-21
0001627564	-	Parts Plus DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	Quarts(QT)	08-Mar-21
0001627565	-	PERMATEX ANTI-SEIZE LUBRICANT	16	Ounces(OZ)	08-Mar-21
0001613662	84955-31-7	4-Chloro-7H-pyrrolo[2 3-d]pyrimidin-2-amine	25	Gram(GM)	08-Mar-21
0001613477	-	Hafnium ICP Standard	100	Milliliter(ML)	08-Mar-21
0001627566	-	WHITE LITHIUM GREASE SPRAY	10	Ounces(OZ)	08-Mar-21
0001627567	-	WHITE LITHIUM GREASE	10	Ounces(OZ)	08-Mar-21
0001627568	-	Battery Cleaner with Acid Indicator	11	Ounces(OZ)	08-Mar-21
0001627569	-	SPRAYON DRY MOLYLUBE AEROSOL	11	Ounces(OZ)	08-Mar-21
0001627570	-	SPRAYON DRY MOLYLUBE AEROSOL	11	Ounces(OZ)	08-Mar-21
0001627572	-	SPRAYON DRY MOLYLUBE AEROSOL	11	Ounces(OZ)	08-Mar-21
0001627571	-	SPRAYON DRY MOLYLUBE AEROSOL	11	Ounces(OZ)	08-Mar-21
0001627573	-	DUPLI-COLOR Acrylic Enamel Aerosol Paint Gloss White (OSHA White)	12	Ounces(OZ)	08-Mar-21
0001627574	-	DUPLI-COLOR Acrylic Enamel Aerosol Paint Gloss White (OSHA White)	12	Ounces(OZ)	08-Mar-21
0001627575	-	DUPLI-COLOR Acrylic Lacquer Aerosol Paint Gloss Black	12	Ounces(OZ)	08-Mar-21
0001627576	-	DUPLI-COLOR Acrylic Enamel Aerosol Paint Gloss Black	12	Ounces(OZ)	08-Mar-21
0001627593	-	765-3179 NAPA THE RIGHT STUFF GASKET MAKER 10.1 OZ (PTX33694)	10.1	Ounces(OZ)	08-Mar-21
0001646793	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	08-Mar-21
0001646787	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	08-Mar-21
0001646788	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	08-Mar-21
0001646789	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	08-Mar-21
0001646791	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	08-Mar-21
0001646794	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	08-Mar-21
0001646801	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	08-Mar-21
0001646790	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	08-Mar-21
0001646795	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	08-Mar-21
0001646796	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	08-Mar-21
0001646797	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	08-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001646798	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	08-Mar-21
0001646799	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	08-Mar-21
0001646800	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	08-Mar-21
0001646792	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	08-Mar-21
0001613722	-	Freeman 1080 Polyurethane Casting Resin Part A	7.35	Pounds(LB)	09-Mar-21
0001613726	-	Freeman 1080 Polyurethane Casting Resin Part A	7.35	Pounds(LB)	09-Mar-21
0001613728	-	Freeman 1080 Polyurethane Casting Resin Part A	7.35	Pounds(LB)	09-Mar-21
0001613727	-	Freeman 1080 Polyurethane Casting Resin Part A	7.35	Pounds(LB)	09-Mar-21
0001613729	-	Freeman 1080 Polyurethane Casting Resin Part A	7.35	Pounds(LB)	09-Mar-21
0001613725	-	Freeman 1080 Polyurethane Casting Resin Part A	7.35	Pounds(LB)	09-Mar-21
0001613724	-	Freeman 1080 Polyurethane Casting Resin Part A	7.35	Pounds(LB)	09-Mar-21
0001613723	-	Freeman 1080 Polyurethane Casting Resin Part A	7.35	Pounds(LB)	09-Mar-21
0001543786	-	Hot Block	8	Ounces(OZ)	09-Mar-21
0001543787	-	Hot Block	8	Ounces(OZ)	09-Mar-21
0001320345	7647-01-0	HYDROCHLORIC ACID OPTIMA-34%	1	Liters(L)	09-Mar-21
0001320354	7647-01-0	HYDROCHLORIC ACID OPTIMA-34%	1	Liters(L)	09-Mar-21
0001320363	7647-01-0	HYDROCHLORIC ACID OPTIMA-34%	1	Liters(L)	09-Mar-21
0001658530	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658544	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658552	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658551	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658550	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658536	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658549	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658548	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658547	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658541	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001658545	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658539	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658543	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658542	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658553	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658537	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658560	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658538	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658540	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658546	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658564	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658532	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658531	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658535	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658533	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658534	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658568	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658567	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658558	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658565	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658554	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658563	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001658562	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658561	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658559	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658557	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658556	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658555	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658566	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658610	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658609	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658607	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658624	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658608	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658612	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658635	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658634	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658633	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658632	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658631	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658630	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658629	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658628	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658627	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001658622	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658625	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658611	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658623	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658606	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658621	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658620	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658619	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658618	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658617	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658616	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658615	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658613	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658626	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658614	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	09-Mar-21
0001658569	-	ARGON GAS	220	Cubic Feet(CF)	09-Mar-21
0001658594	-	ARGON GAS	220	Cubic Feet(CF)	09-Mar-21
0001658593	-	ARGON GAS	220	Cubic Feet(CF)	09-Mar-21
0001658573	-	ARGON GAS	220	Cubic Feet(CF)	09-Mar-21
0001658574	-	ARGON GAS	220	Cubic Feet(CF)	09-Mar-21
0001658575	-	ARGON GAS	220	Cubic Feet(CF)	09-Mar-21
0001658576	-	ARGON GAS	220	Cubic Feet(CF)	09-Mar-21
0001658577	-	ARGON GAS	220	Cubic Feet(CF)	09-Mar-21
0001658578	-	ARGON GAS	220	Cubic Feet(CF)	09-Mar-21
0001658579	-	ARGON GAS	220	Cubic Feet(CF)	09-Mar-21
0001658580	-	ARGON GAS	220	Cubic Feet(CF)	09-Mar-21
0001658582	-	ARGON GAS	220	Cubic Feet(CF)	09-Mar-21
0001658572	-	ARGON GAS	220	Cubic Feet(CF)	09-Mar-21
0001658585	-	ARGON GAS	220	Cubic Feet(CF)	09-Mar-21
0001658581	-	ARGON GAS	220	Cubic Feet(CF)	09-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001658586	-	ARGON GAS	220	Cubic Feet(CF)	09-Mar-21
0001658587	-	ARGON GAS	220	Cubic Feet(CF)	09-Mar-21
0001658588	-	ARGON GAS	220	Cubic Feet(CF)	09-Mar-21
0001658589	-	ARGON GAS	220	Cubic Feet(CF)	09-Mar-21
0001658590	-	ARGON GAS	220	Cubic Feet(CF)	09-Mar-21
0001658591	-	ARGON GAS	220	Cubic Feet(CF)	09-Mar-21
0001658592	-	ARGON GAS	220	Cubic Feet(CF)	09-Mar-21
0001658584	-	ARGON GAS	220	Cubic Feet(CF)	09-Mar-21
0001658571	-	ARGON GAS	220	Cubic Feet(CF)	09-Mar-21
0001658570	-	ARGON GAS	220	Cubic Feet(CF)	09-Mar-21
0001658583	-	ARGON GAS	220	Cubic Feet(CF)	09-Mar-21
0001658595	-	Compressed Air	220	Cubic Feet(CF)	09-Mar-21
0001658596	-	Compressed Air	220	Cubic Feet(CF)	09-Mar-21
0001658597	-	Compressed Air	220	Cubic Feet(CF)	09-Mar-21
0001658598	-	75% ARGON/25% CARBON DIOXIDE	220	Cubic Feet(CF)	09-Mar-21
0001658599	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Mar-21
0001658603	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Mar-21
0001658600	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Mar-21
0001658602	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Mar-21
0001658601	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Mar-21
0001658604	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Mar-21
0001658605	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Mar-21
0001658661	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	09-Mar-21
0001658636	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	09-Mar-21
0001658638	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	09-Mar-21
0001658641	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	09-Mar-21
0001658639	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	09-Mar-21
0001658637	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	09-Mar-21
0001658640	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	09-Mar-21
0001658642	74-98-6	PROPANE	11	Gallon(GAL)	09-Mar-21
0001658643	74-98-6	PROPANE	11	Gallon(GAL)	09-Mar-21
0001658644	74-98-6	PROPANE	11	Gallon(GAL)	09-Mar-21
0001658645	74-98-6	PROPANE	11	Gallon(GAL)	09-Mar-21
0001658646	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	09-Mar-21
0001658649	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	09-Mar-21
0001658648	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	09-Mar-21
0001658647	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	09-Mar-21
0001658650	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	09-Mar-21
0001658651	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	09-Mar-21
0001658653	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	09-Mar-21
0001658652	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	09-Mar-21
0001658654	7440-59-7	HELIUM GAS	100	Liters(L)	09-Mar-21
0001658656	7440-59-7	HELIUM GAS	100	Liters(L)	09-Mar-21
0001658659	7440-59-7	HELIUM GAS	100	Liters(L)	09-Mar-21
0001658658	7440-59-7	HELIUM GAS	100	Liters(L)	09-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001658657	7440-59-7	HELIUM GAS	100	Liters(L)	09-Mar-21
0001658660	7440-59-7	HELIUM GAS	100	Liters(L)	09-Mar-21
0001658655	7440-59-7	HELIUM GAS	100	Liters(L)	09-Mar-21
0001658662	74-98-6	PROPANE	11	Gallon(GAL)	09-Mar-21
0001613426	9003-53-6	POLYSTYRENE	139	Milligram(MG)	10-Mar-21
0001613428	9003-53-6	POLYSTYRENE	271	Milligram(MG)	10-Mar-21
0001613427	9003-53-6	POLYSTYRENE	137	Milligram(MG)	10-Mar-21
0001613709	7681-52-9	Clorox Concentrated Germicidal Bleach	121	Ounces(OZ)	10-Mar-21
0001613710	141-78-6	ETHYL ACETATE	4	Liters(L)	10-Mar-21
0001613711	141-78-6	ETHYL ACETATE	4	Liters(L)	10-Mar-21
0001613712	141-78-6	ETHYL ACETATE	4	Liters(L)	10-Mar-21
0001613713	141-78-6	ETHYL ACETATE	4	Liters(L)	10-Mar-21
0001613714	64-17-5	ALCOHOL	4	Liters(L)	10-Mar-21
0001613715	1825-61-2	METHOXYTRIMETHYLSILANE	10	Gram(GM)	10-Mar-21
0001613716	67-64-1	ACETONE FOR HPLC	4	Liters(L)	10-Mar-21
0001613717	141-78-6	ETHYL ACETATE	4	Liters(L)	10-Mar-21
0001613718	142-82-5	HEPTANE	4	Liters(L)	10-Mar-21
0001613719	142-82-5	HEPTANE	4	Liters(L)	10-Mar-21
0001613720	142-82-5	HEPTANE	4	Liters(L)	10-Mar-21
0001613721	142-82-5	HEPTANE	4	Liters(L)	10-Mar-21
0001613730	-	MOBIL VACTRA OIL NO. 2	1	Gallon(GAL)	10-Mar-21
0001613731	-	MOBIL VACTRA OIL NO. 2	1	Gallon(GAL)	10-Mar-21
0001578188	-	ROTO Z	20	Liters(L)	10-Mar-21
0001578189	-	ROTO Z	20	Liters(L)	10-Mar-21
0001578223	-	RANGER PRO HERBICIDE	2.5	Gallon(GAL)	10-Mar-21
0001578238	-	RANGER PRO HERBICIDE	2.5	Gallon(GAL)	10-Mar-21
0001578231	-	RANGER PRO HERBICIDE	2.5	Gallon(GAL)	10-Mar-21
0001578233	-	RANGER PRO HERBICIDE	2.5	Gallon(GAL)	10-Mar-21
0001578235	-	RANGER PRO HERBICIDE	2.5	Gallon(GAL)	10-Mar-21
0001578237	-	RANGER PRO HERBICIDE	2.5	Gallon(GAL)	10-Mar-21
0001578232	-	RANGER PRO HERBICIDE	2.5	Gallon(GAL)	10-Mar-21
0001578226	-	RANGER PRO HERBICIDE	2.5	Gallon(GAL)	10-Mar-21
0001578224	-	RANGER PRO HERBICIDE	2.5	Gallon(GAL)	10-Mar-21
0001578225	-	RANGER PRO HERBICIDE	2.5	Gallon(GAL)	10-Mar-21
0001578236	-	RANGER PRO HERBICIDE	2.5	Gallon(GAL)	10-Mar-21
0001578228	-	RANGER PRO HERBICIDE	2.5	Gallon(GAL)	10-Mar-21
0001578234	-	RANGER PRO HERBICIDE	2.5	Gallon(GAL)	10-Mar-21
0001578227	-	RANGER PRO HERBICIDE	2.5	Gallon(GAL)	10-Mar-21
0001578229	-	RANGER PRO HERBICIDE	2.5	Gallon(GAL)	10-Mar-21
0001578230	-	RANGER PRO HERBICIDE	2.5	Gallon(GAL)	10-Mar-21
0001613676	-	SampleBond Debonder Kit20	20	Milliliter(ML)	10-Mar-21
0001613678	-	SampleBond Debonder Kit20	20	Milliliter(ML)	10-Mar-21
0001613677	-	SampleBond Debonder Kit20	20	Milliliter(ML)	10-Mar-21
0001613611	-	ALUMINA SLURRY	6	Ounces(OZ)	10-Mar-21
0001613612	-	ALUMINA SLURRY	6	Ounces(OZ)	10-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001613613	-	ALUMINA SLURRY	6	Ounces(OZ)	10-Mar-21
0001613614	-	ALUMINA SLURRY	6	Ounces(OZ)	10-Mar-21
0001613615	-	ALUMINA SLURRY	6	Ounces(OZ)	10-Mar-21
0001613616	-	ALUMINA SLURRY	6	Ounces(OZ)	10-Mar-21
0001613732	-	Carboxyl Fluorescent Particles Nile Red 1% w/v 0.04-0.08 um 2 mL	2	Milliliter(ML)	10-Mar-21
0001613733	-	Rabbit anti-Mouse IgG (H+L) Secondary Antibody Alexa Fluor 555 conjugate	0.5	Milliliter(ML)	10-Mar-21
0001613734	-	ADOGEN 464	500	Milliliter(ML)	10-Mar-21
0000633853	5704-04-1	TRICINE	1	Liters(L)	10-Mar-21
0001613736	14044-65-6	BORANE TETRAHYDROFURAN COMPLEX	800	Milliliter(ML)	10-Mar-21
0001613737	1310-73-2	SODIUM HYDROXIDE 50% SOLUTION IN WATER	500	Milliliter(ML)	10-Mar-21
0001613739	1310-73-2	SODIUM HYDROXIDE 50% SOLUTION IN WATER	500	Milliliter(ML)	10-Mar-21
0001613742	1310-73-2	SODIUM HYDROXIDE 50% SOLUTION IN WATER	500	Milliliter(ML)	10-Mar-21
0001613741	1310-73-2	SODIUM HYDROXIDE 50% SOLUTION IN WATER	500	Milliliter(ML)	10-Mar-21
0001613738	1310-73-2	SODIUM HYDROXIDE 50% SOLUTION IN WATER	500	Milliliter(ML)	10-Mar-21
0001613740	1310-73-2	SODIUM HYDROXIDE 50% SOLUTION IN WATER	500	Milliliter(ML)	10-Mar-21
0001613743	92112-69-1	Hexanes Certified ACS	4	Liters(L)	10-Mar-21
0001613744	92112-69-1	Hexanes Certified ACS	4	Liters(L)	10-Mar-21
0001613745	7697-37-2	NITRIC ACID	500	Milliliter(ML)	10-Mar-21
0001613746	67-63-0	ISOPROPYL ALCOHOL	4	Liters(L)	10-Mar-21
0001613747	67-63-0	ISOPROPYL ALCOHOL	4	Liters(L)	10-Mar-21
0001540818	-	PVC PURPLE PRIMER	8	Ounces(OZ)	10-Mar-21
0001540820	-	PVC PURPLE PRIMER	8	Ounces(OZ)	10-Mar-21
0001540819	-	PVC PURPLE PRIMER	8	Ounces(OZ)	10-Mar-21
0001613754	-	QUARTZ WOOL	10	Gram(GM)	10-Mar-21
0001613755	-	QUARTZ WOOL	10	Gram(GM)	10-Mar-21
0001540821	-	PVC PIPE CEMENT	8	Ounces(OZ)	10-Mar-21
0001540823	-	PVC PIPE CEMENT	8	Ounces(OZ)	10-Mar-21
0001540822	-	PVC PIPE CEMENT	8	Ounces(OZ)	10-Mar-21
0001613756	75-09-2	DICHLOROMETHANE	4	Liters(L)	10-Mar-21
0001613757	14044-65-6	BORANE TETRAHYDROFURAN COMPLEX	800	Milliliter(ML)	10-Mar-21
0001613758	-	Ethyl Alcohol Denatured (A407)	4	Liters(L)	10-Mar-21
0001613748	-	PTFE RELEASE AGENT/DRY LUBRICANT	13.1	Ounces(OZ)	10-Mar-21
0001613752	-	PTFE RELEASE AGENT/DRY LUBRICANT	13.1	Ounces(OZ)	10-Mar-21
0001613749	-	PTFE RELEASE AGENT/DRY LUBRICANT	13.1	Ounces(OZ)	10-Mar-21
0001613751	-	PTFE RELEASE AGENT/DRY LUBRICANT	13.1	Ounces(OZ)	10-Mar-21
0001613753	-	PTFE RELEASE AGENT/DRY LUBRICANT	13.1	Ounces(OZ)	10-Mar-21
0001613750	-	PTFE RELEASE AGENT/DRY LUBRICANT	13.1	Ounces(OZ)	10-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001610597	7697-37-2	NITRIC ACID	1	Liters(L)	10-Mar-21
0001610598	7697-37-2	NITRIC ACID	1	Liters(L)	10-Mar-21
0001612033	-	Hydrochloric Acid	1	Liters(L)	10-Mar-21
0001612034	-	Hydrochloric Acid	1	Liters(L)	10-Mar-21
0001612701	4330-21-6	Hoffer's chlorosugar	25	Gram(GM)	10-Mar-21
0001613812	100-43-6	4-VINYLPYRIDINE	100	Milliliter(ML)	10-Mar-21
0001613813	75-26-3	2-BROMOPROPANE (ISOPROPYL BROMIDE)	500	Gram(GM)	10-Mar-21
0001613814	-	20X SSC BUFFER	500	Milliliter(ML)	10-Mar-21
0001578294	-	Zinsser BULLS EYE 1-2-3	5	Gallon(GAL)	10-Mar-21
0001578305	-	Zinsser BULLS EYE 1-2-3	5	Gallon(GAL)	10-Mar-21
0001578310	-	Zinsser BULLS EYE 1-2-3	5	Gallon(GAL)	10-Mar-21
0001578302	-	Zinsser BULLS EYE 1-2-3	5	Gallon(GAL)	10-Mar-21
0001578303	-	Zinsser BULLS EYE 1-2-3	5	Gallon(GAL)	10-Mar-21
0001578300	-	Zinsser BULLS EYE 1-2-3	5	Gallon(GAL)	10-Mar-21
0001578311	-	Zinsser BULLS EYE 1-2-3	5	Gallon(GAL)	10-Mar-21
0001578312	-	Zinsser BULLS EYE 1-2-3	5	Gallon(GAL)	10-Mar-21
0001578313	-	Zinsser BULLS EYE 1-2-3	5	Gallon(GAL)	10-Mar-21
0001578304	-	Zinsser BULLS EYE 1-2-3	5	Gallon(GAL)	10-Mar-21
0001578308	-	Zinsser BULLS EYE 1-2-3	5	Gallon(GAL)	10-Mar-21
0001578307	-	Zinsser BULLS EYE 1-2-3	5	Gallon(GAL)	10-Mar-21
0001578301	-	Zinsser BULLS EYE 1-2-3	5	Gallon(GAL)	10-Mar-21
0001578299	-	Zinsser BULLS EYE 1-2-3	5	Gallon(GAL)	10-Mar-21
0001578298	-	Zinsser BULLS EYE 1-2-3	5	Gallon(GAL)	10-Mar-21
0001578297	-	Zinsser BULLS EYE 1-2-3	5	Gallon(GAL)	10-Mar-21
0001578296	-	Zinsser BULLS EYE 1-2-3	5	Gallon(GAL)	10-Mar-21
0001578295	-	Zinsser BULLS EYE 1-2-3	5	Gallon(GAL)	10-Mar-21
0001578306	-	Zinsser BULLS EYE 1-2-3	5	Gallon(GAL)	10-Mar-21
0001578309	-	Zinsser BULLS EYE 1-2-3	5	Gallon(GAL)	10-Mar-21
0001578314	-	Avalon Premium 100% Acrylic Interior Flat W/B	5	Gallon(GAL)	10-Mar-21
0001578333	-	Avalon Premium 100% Acrylic Interior Flat W/B	5	Gallon(GAL)	10-Mar-21
0001578329	-	Avalon Premium 100% Acrylic Interior Flat W/B	5	Gallon(GAL)	10-Mar-21
0001578316	-	Avalon Premium 100% Acrylic Interior Flat W/B	5	Gallon(GAL)	10-Mar-21
0001578317	-	Avalon Premium 100% Acrylic Interior Flat W/B	5	Gallon(GAL)	10-Mar-21
0001578318	-	Avalon Premium 100% Acrylic Interior Flat W/B	5	Gallon(GAL)	10-Mar-21
0001578319	-	Avalon Premium 100% Acrylic Interior Flat W/B	5	Gallon(GAL)	10-Mar-21
0001578320	-	Avalon Premium 100% Acrylic Interior Flat W/B	5	Gallon(GAL)	10-Mar-21
0001578321	-	Avalon Premium 100% Acrylic Interior Flat W/B	5	Gallon(GAL)	10-Mar-21
0001578322	-	Avalon Premium 100% Acrylic Interior Flat W/B	5	Gallon(GAL)	10-Mar-21
0001578323	-	Avalon Premium 100% Acrylic Interior Flat W/B	5	Gallon(GAL)	10-Mar-21
0001578324	-	Avalon Premium 100% Acrylic Interior Flat W/B	5	Gallon(GAL)	10-Mar-21
0001578325	-	Avalon Premium 100% Acrylic Interior Flat W/B	5	Gallon(GAL)	10-Mar-21
0001578326	-	Avalon Premium 100% Acrylic Interior Flat W/B	5	Gallon(GAL)	10-Mar-21
0001578315	-	Avalon Premium 100% Acrylic Interior Flat W/B	5	Gallon(GAL)	10-Mar-21
0001578328	-	Avalon Premium 100% Acrylic Interior Flat W/B	5	Gallon(GAL)	10-Mar-21
0001578334	-	Avalon Premium 100% Acrylic Interior Flat W/B	5	Gallon(GAL)	10-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001578330	-	Avalon Premium 100% Acrylic Interior Flat W/B	5	Gallon(GAL)	10-Mar-21
0001578332	-	Avalon Premium 100% Acrylic Interior Flat W/B	5	Gallon(GAL)	10-Mar-21
0001578335	-	Avalon Premium 100% Acrylic Interior Flat W/B	5	Gallon(GAL)	10-Mar-21
0001578331	-	Avalon Premium 100% Acrylic Interior Flat W/B	5	Gallon(GAL)	10-Mar-21
0001578336	-	Avalon Premium 100% Acrylic Interior Flat W/B	5	Gallon(GAL)	10-Mar-21
0001578337	-	Avalon Premium 100% Acrylic Interior Flat W/B	5	Gallon(GAL)	10-Mar-21
0001578338	-	Avalon Premium 100% Acrylic Interior Flat W/B	5	Gallon(GAL)	10-Mar-21
0001578339	-	Avalon Premium 100% Acrylic Interior Flat W/B	5	Gallon(GAL)	10-Mar-21
0001578340	-	Avalon Premium 100% Acrylic Interior Flat W/B	5	Gallon(GAL)	10-Mar-21
0001578341	-	Avalon Premium 100% Acrylic Interior Flat W/B	5	Gallon(GAL)	10-Mar-21
0001578342	-	Avalon Premium 100% Acrylic Interior Flat W/B	5	Gallon(GAL)	10-Mar-21
0001578343	-	Avalon Premium 100% Acrylic Interior Flat W/B	5	Gallon(GAL)	10-Mar-21
0001578327	-	Avalon Premium 100% Acrylic Interior Flat W/B	5	Gallon(GAL)	10-Mar-21
0001578271	-	Startex Green Lacquer Thinner	1	Gallon(GAL)	10-Mar-21
0001578273	-	Startex Green Lacquer Thinner	1	Gallon(GAL)	10-Mar-21
0001578274	-	Startex Green Lacquer Thinner	1	Gallon(GAL)	10-Mar-21
0001578275	-	Startex Green Lacquer Thinner	1	Gallon(GAL)	10-Mar-21
0001578276	-	Startex Green Lacquer Thinner	1	Gallon(GAL)	10-Mar-21
0001578277	-	Startex Green Lacquer Thinner	1	Gallon(GAL)	10-Mar-21
0001578278	-	Startex Green Lacquer Thinner	1	Gallon(GAL)	10-Mar-21
0001578279	-	Startex Green Lacquer Thinner	1	Gallon(GAL)	10-Mar-21
0001578280	-	Startex Green Lacquer Thinner	1	Gallon(GAL)	10-Mar-21
0001578281	-	Startex Green Lacquer Thinner	1	Gallon(GAL)	10-Mar-21
0001578272	-	Startex Green Lacquer Thinner	1	Gallon(GAL)	10-Mar-21
0001578282	-	STARTEX PAINT THINNER	1	Gallon(GAL)	10-Mar-21
0001578283	-	STARTEX PAINT THINNER	1	Gallon(GAL)	10-Mar-21
0001578293	-	STARTEX PAINT THINNER	1	Gallon(GAL)	10-Mar-21
0001578291	-	STARTEX PAINT THINNER	1	Gallon(GAL)	10-Mar-21
0001578290	-	STARTEX PAINT THINNER	1	Gallon(GAL)	10-Mar-21
0001578289	-	STARTEX PAINT THINNER	1	Gallon(GAL)	10-Mar-21
0001578288	-	STARTEX PAINT THINNER	1	Gallon(GAL)	10-Mar-21
0001578287	-	STARTEX PAINT THINNER	1	Gallon(GAL)	10-Mar-21
0001578286	-	STARTEX PAINT THINNER	1	Gallon(GAL)	10-Mar-21
0001578285	-	STARTEX PAINT THINNER	1	Gallon(GAL)	10-Mar-21
0001578284	-	STARTEX PAINT THINNER	1	Gallon(GAL)	10-Mar-21
0001578292	-	STARTEX PAINT THINNER	1	Gallon(GAL)	10-Mar-21
0001578190	-	VENTRAC Hydro-Torq XL Synthetic Hydraulic Oil SAE 5W-30	1	Gallon(GAL)	10-Mar-21
0001578191	-	VENTRAC Hydro-Torq XL Synthetic Hydraulic Oil SAE 5W-30	1	Gallon(GAL)	10-Mar-21
0001578192	-	VENTRAC Hydro-Torq XL Synthetic Hydraulic Oil SAE 5W-30	1	Gallon(GAL)	10-Mar-21
0001578193	-	VENTRAC Hydro-Torq XL Synthetic Hydraulic Oil SAE 5W-30	1	Gallon(GAL)	10-Mar-21
0001578344	-	Homax Wall Texture Pro Grade- Orange Peel	24	Ounces(OZ)	10-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001578374	-	Homax Wall Texture Pro Grade- Orange Peel	24	Ounces(OZ)	10-Mar-21
0001578366	-	Homax Wall Texture Pro Grade- Orange Peel	24	Ounces(OZ)	10-Mar-21
0001578376	-	Homax Wall Texture Pro Grade- Orange Peel	24	Ounces(OZ)	10-Mar-21
0001578375	-	Homax Wall Texture Pro Grade- Orange Peel	24	Ounces(OZ)	10-Mar-21
0001578373	-	Homax Wall Texture Pro Grade- Orange Peel	24	Ounces(OZ)	10-Mar-21
0001578372	-	Homax Wall Texture Pro Grade- Orange Peel	24	Ounces(OZ)	10-Mar-21
0001578371	-	Homax Wall Texture Pro Grade- Orange Peel	24	Ounces(OZ)	10-Mar-21
0001578370	-	Homax Wall Texture Pro Grade- Orange Peel	24	Ounces(OZ)	10-Mar-21
0001578369	-	Homax Wall Texture Pro Grade- Orange Peel	24	Ounces(OZ)	10-Mar-21
0001578367	-	Homax Wall Texture Pro Grade- Orange Peel	24	Ounces(OZ)	10-Mar-21
0001578365	-	Homax Wall Texture Pro Grade- Orange Peel	24	Ounces(OZ)	10-Mar-21
0001578364	-	Homax Wall Texture Pro Grade- Orange Peel	24	Ounces(OZ)	10-Mar-21
0001578377	-	Homax Wall Texture Pro Grade- Orange Peel	24	Ounces(OZ)	10-Mar-21
0001578368	-	Homax Wall Texture Pro Grade- Orange Peel	24	Ounces(OZ)	10-Mar-21
0001578363	-	Homax Wall Texture Pro Grade- Orange Peel	24	Ounces(OZ)	10-Mar-21
0001578391	-	Homax Wall Texture Pro Grade- Orange Peel	24	Ounces(OZ)	10-Mar-21
0001578390	-	Homax Wall Texture Pro Grade- Orange Peel	24	Ounces(OZ)	10-Mar-21
0001578389	-	Homax Wall Texture Pro Grade- Orange Peel	24	Ounces(OZ)	10-Mar-21
0001578388	-	Homax Wall Texture Pro Grade- Orange Peel	24	Ounces(OZ)	10-Mar-21
0001578387	-	Homax Wall Texture Pro Grade- Orange Peel	24	Ounces(OZ)	10-Mar-21
0001578385	-	Homax Wall Texture Pro Grade- Orange Peel	24	Ounces(OZ)	10-Mar-21
0001578386	-	Homax Wall Texture Pro Grade- Orange Peel	24	Ounces(OZ)	10-Mar-21
0001578378	-	Homax Wall Texture Pro Grade- Orange Peel	24	Ounces(OZ)	10-Mar-21
0001578384	-	Homax Wall Texture Pro Grade- Orange Peel	24	Ounces(OZ)	10-Mar-21
0001578383	-	Homax Wall Texture Pro Grade- Orange Peel	24	Ounces(OZ)	10-Mar-21
0001578382	-	Homax Wall Texture Pro Grade- Orange Peel	24	Ounces(OZ)	10-Mar-21
0001578381	-	Homax Wall Texture Pro Grade- Orange Peel	24	Ounces(OZ)	10-Mar-21
0001578380	-	Homax Wall Texture Pro Grade- Orange Peel	24	Ounces(OZ)	10-Mar-21
0001578379	-	Homax Wall Texture Pro Grade- Orange Peel	24	Ounces(OZ)	10-Mar-21
0001578347	-	Homax Wall Texture Pro Grade- Orange Peel	24	Ounces(OZ)	10-Mar-21
0001578348	-	Homax Wall Texture Pro Grade- Orange Peel	24	Ounces(OZ)	10-Mar-21
0001578349	-	Homax Wall Texture Pro Grade- Orange Peel	24	Ounces(OZ)	10-Mar-21
0001578346	-	Homax Wall Texture Pro Grade- Orange Peel	24	Ounces(OZ)	10-Mar-21
0001578362	-	Homax Wall Texture Pro Grade- Orange Peel	24	Ounces(OZ)	10-Mar-21
0001578350	-	Homax Wall Texture Pro Grade- Orange Peel	24	Ounces(OZ)	10-Mar-21
0001578351	-	Homax Wall Texture Pro Grade- Orange Peel	24	Ounces(OZ)	10-Mar-21
0001578352	-	Homax Wall Texture Pro Grade- Orange Peel	24	Ounces(OZ)	10-Mar-21
0001578353	-	Homax Wall Texture Pro Grade- Orange Peel	24	Ounces(OZ)	10-Mar-21
0001578360	-	Homax Wall Texture Pro Grade- Orange Peel	24	Ounces(OZ)	10-Mar-21
0001578345	-	Homax Wall Texture Pro Grade- Orange Peel	24	Ounces(OZ)	10-Mar-21
0001578354	-	Homax Wall Texture Pro Grade- Orange Peel	24	Ounces(OZ)	10-Mar-21
0001578361	-	Homax Wall Texture Pro Grade- Orange Peel	24	Ounces(OZ)	10-Mar-21
0001578359	-	Homax Wall Texture Pro Grade- Orange Peel	24	Ounces(OZ)	10-Mar-21
0001578358	-	Homax Wall Texture Pro Grade- Orange Peel	24	Ounces(OZ)	10-Mar-21
0001578357	-	Homax Wall Texture Pro Grade- Orange Peel	24	Ounces(OZ)	10-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001578356	-	Homax Wall Texture Pro Grade- Orange Peel	24	Ounces(OZ)	10-Mar-21
0001578355	-	Homax Wall Texture Pro Grade- Orange Peel	24	Ounces(OZ)	10-Mar-21
0001578270	-	Excelsior AW-510	4	Gallon(GAL)	10-Mar-21
0001578266	-	Chemsafe Clear	5	Gallon(GAL)	10-Mar-21
0001578269	-	Chemsafe Clear	5	Gallon(GAL)	10-Mar-21
0001578268	-	Chemsafe Clear	5	Gallon(GAL)	10-Mar-21
0001578267	-	Chemsafe Clear	5	Gallon(GAL)	10-Mar-21
0001578255	-	ARDEX K 15	55	Pounds(LB)	10-Mar-21
0001578256	-	ARDEX K 15	55	Pounds(LB)	10-Mar-21
0001578264	-	ARDEX K 15	55	Pounds(LB)	10-Mar-21
0001578262	-	ARDEX K 15	55	Pounds(LB)	10-Mar-21
0001578260	-	ARDEX K 15	55	Pounds(LB)	10-Mar-21
0001578259	-	ARDEX K 15	55	Pounds(LB)	10-Mar-21
0001578257	-	ARDEX K 15	55	Pounds(LB)	10-Mar-21
0001578261	-	ARDEX K 15	55	Pounds(LB)	10-Mar-21
0001578258	-	ARDEX K 15	55	Pounds(LB)	10-Mar-21
0001578263	-	ARDEX K 15	55	Pounds(LB)	10-Mar-21
0001578239	-	FLOOR CLEANER	1	Gallon(GAL)	10-Mar-21
0001578244	-	FLOOR CLEANER	1	Gallon(GAL)	10-Mar-21
0001578253	-	FLOOR CLEANER	1	Gallon(GAL)	10-Mar-21
0001578252	-	FLOOR CLEANER	1	Gallon(GAL)	10-Mar-21
0001578250	-	FLOOR CLEANER	1	Gallon(GAL)	10-Mar-21
0001578248	-	FLOOR CLEANER	1	Gallon(GAL)	10-Mar-21
0001578247	-	FLOOR CLEANER	1	Gallon(GAL)	10-Mar-21
0001578254	-	FLOOR CLEANER	1	Gallon(GAL)	10-Mar-21
0001578245	-	FLOOR CLEANER	1	Gallon(GAL)	10-Mar-21
0001578251	-	FLOOR CLEANER	1	Gallon(GAL)	10-Mar-21
0001578243	-	FLOOR CLEANER	1	Gallon(GAL)	10-Mar-21
0001578242	-	FLOOR CLEANER	1	Gallon(GAL)	10-Mar-21
0001578241	-	FLOOR CLEANER	1	Gallon(GAL)	10-Mar-21
0001578240	-	FLOOR CLEANER	1	Gallon(GAL)	10-Mar-21
0001578246	-	FLOOR CLEANER	1	Gallon(GAL)	10-Mar-21
0001578249	-	FLOOR CLEANER	1	Gallon(GAL)	10-Mar-21
V000007DA3	-	PROSEAL PROSEAL SPRAY FIBERSEAL	1	Gallon(GAL)	10-Mar-21
V000007DA5	-	PROSEAL PROSEAL SPRAY FIBERSEAL	1	Gallon(GAL)	10-Mar-21
V000007DA4	-	PROSEAL PROSEAL SPRAY FIBERSEAL	1	Gallon(GAL)	10-Mar-21
V000007DA2	-	PROSEAL PROSEAL SPRAY FIBERSEAL	1	Gallon(GAL)	10-Mar-21
V000007DAE	-	ARDEX FEATHER FINISH	10	Pounds(LB)	10-Mar-21
V000007DB7	-	ARDEX FEATHER FINISH	10	Pounds(LB)	10-Mar-21
V000007DB6	-	ARDEX FEATHER FINISH	10	Pounds(LB)	10-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000007DB5	-	ARDEX FEATHER FINISH	10	Pounds(LB)	10-Mar-21
V000007DA6	-	ARDEX FEATHER FINISH	10	Pounds(LB)	10-Mar-21
V000007DB4	-	ARDEX FEATHER FINISH	10	Pounds(LB)	10-Mar-21
V000007DB3	-	ARDEX FEATHER FINISH	10	Pounds(LB)	10-Mar-21
V000007DB2	-	ARDEX FEATHER FINISH	10	Pounds(LB)	10-Mar-21
V000007DB1	-	ARDEX FEATHER FINISH	10	Pounds(LB)	10-Mar-21
V000007DAF	-	ARDEX FEATHER FINISH	10	Pounds(LB)	10-Mar-21
V000007DAD	-	ARDEX FEATHER FINISH	10	Pounds(LB)	10-Mar-21
V000007DAC	-	ARDEX FEATHER FINISH	10	Pounds(LB)	10-Mar-21
V000007DAB	-	ARDEX FEATHER FINISH	10	Pounds(LB)	10-Mar-21
V000007DAA	-	ARDEX FEATHER FINISH	10	Pounds(LB)	10-Mar-21
V000007DA9	-	ARDEX FEATHER FINISH	10	Pounds(LB)	10-Mar-21
V000007DB9	-	ARDEX FEATHER FINISH	10	Pounds(LB)	10-Mar-21
V000007DB8	-	ARDEX FEATHER FINISH	10	Pounds(LB)	10-Mar-21
V000007DA7	-	ARDEX FEATHER FINISH	10	Pounds(LB)	10-Mar-21
V000007DA8	-	ARDEX FEATHER FINISH	10	Pounds(LB)	10-Mar-21
V000007DB0	-	ARDEX FEATHER FINISH	10	Pounds(LB)	10-Mar-21
V000007DBA	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	10-Mar-21
V000007DBB	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	10-Mar-21
V000007DBC	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	10-Mar-21
V000007DBD	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	10-Mar-21
V000007DBE	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	10-Mar-21
V000007DC1	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	10-Mar-21
V000007DBF	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	10-Mar-21
V000007DC0	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	10-Mar-21
V000007DD0	-	Signature Series 5080 Pressure Sensitive Adhesive	4	Gallon(GAL)	10-Mar-21
V000007DD7	-	Signature Series 5080 Pressure Sensitive Adhesive	4	Gallon(GAL)	10-Mar-21
V000007DD6	-	Signature Series 5080 Pressure Sensitive Adhesive	4	Gallon(GAL)	10-Mar-21
V000007DD5	-	Signature Series 5080 Pressure Sensitive Adhesive	4	Gallon(GAL)	10-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000007DD4	-	Signature Series 5080 Pressure Sensitive Adhesive	4	Gallon(GAL)	10-Mar-21
V000007DD3	-	Signature Series 5080 Pressure Sensitive Adhesive	4	Gallon(GAL)	10-Mar-21
V000007DC2	-	Signature Series 5080 Pressure Sensitive Adhesive	4	Gallon(GAL)	10-Mar-21
V000007DCA	-	Signature Series 5080 Pressure Sensitive Adhesive	4	Gallon(GAL)	10-Mar-21
V000007DC3	-	Signature Series 5080 Pressure Sensitive Adhesive	4	Gallon(GAL)	10-Mar-21
V000007DC4	-	Signature Series 5080 Pressure Sensitive Adhesive	4	Gallon(GAL)	10-Mar-21
V000007DC5	-	Signature Series 5080 Pressure Sensitive Adhesive	4	Gallon(GAL)	10-Mar-21
V000007DC6	-	Signature Series 5080 Pressure Sensitive Adhesive	4	Gallon(GAL)	10-Mar-21
V000007DC7	-	Signature Series 5080 Pressure Sensitive Adhesive	4	Gallon(GAL)	10-Mar-21
V000007DD2	-	Signature Series 5080 Pressure Sensitive Adhesive	4	Gallon(GAL)	10-Mar-21
V000007DC9	-	Signature Series 5080 Pressure Sensitive Adhesive	4	Gallon(GAL)	10-Mar-21
V000007DD1	-	Signature Series 5080 Pressure Sensitive Adhesive	4	Gallon(GAL)	10-Mar-21
V000007DCB	-	Signature Series 5080 Pressure Sensitive Adhesive	4	Gallon(GAL)	10-Mar-21
V000007DCC	-	Signature Series 5080 Pressure Sensitive Adhesive	4	Gallon(GAL)	10-Mar-21
V000007DCD	-	Signature Series 5080 Pressure Sensitive Adhesive	4	Gallon(GAL)	10-Mar-21
V000007DCE	-	Signature Series 5080 Pressure Sensitive Adhesive	4	Gallon(GAL)	10-Mar-21
V000007DCF	-	Signature Series 5080 Pressure Sensitive Adhesive	4	Gallon(GAL)	10-Mar-21
V000007DC8	-	Signature Series 5080 Pressure Sensitive Adhesive	4	Gallon(GAL)	10-Mar-21
V000007DD8	-	Avalon Premium 100% Acrylic Interior Satin M/B	1	Gallon(GAL)	10-Mar-21
V000007DDF	-	Avalon Premium 100% Acrylic Interior Satin M/B	1	Gallon(GAL)	10-Mar-21
V000007DDE	-	Avalon Premium 100% Acrylic Interior Satin M/B	1	Gallon(GAL)	10-Mar-21
V000007DDD	-	Avalon Premium 100% Acrylic Interior Satin M/B	1	Gallon(GAL)	10-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000007DDC	-	Avalon Premium 100% Acrylic Interior Satin M/B	1	Gallon(GAL)	10-Mar-21
V000007DDB	-	Avalon Premium 100% Acrylic Interior Satin M/B	1	Gallon(GAL)	10-Mar-21
V000007DD9	-	Avalon Premium 100% Acrylic Interior Satin M/B	1	Gallon(GAL)	10-Mar-21
V000007DDA	-	Avalon Premium 100% Acrylic Interior Satin M/B	1	Gallon(GAL)	10-Mar-21
V000007DE1	-	Avalon Premium 100% Acrylic Interior Satin D/B	1	Gallon(GAL)	10-Mar-21
V000007DE2	-	Avalon Premium 100% Acrylic Interior Satin D/B	1	Gallon(GAL)	10-Mar-21
V000007DE0	-	Avalon Premium 100% Acrylic Interior Satin D/B	1	Gallon(GAL)	10-Mar-21
V000007DE3	-	Avalon Premium 100% Acrylic Interior Satin D/B	1	Gallon(GAL)	10-Mar-21
V000007DE4	-	Avalon Premium 100% Acrylic Interior Satin D/B	1	Gallon(GAL)	10-Mar-21
V000007DE5	-	Avalon Premium 100% Acrylic Interior Satin D/B	1	Gallon(GAL)	10-Mar-21
V000007DE7	-	Avalon Premium 100% Acrylic Interior Satin D/B	1	Gallon(GAL)	10-Mar-21
V000007DE6	-	Avalon Premium 100% Acrylic Interior Satin D/B	1	Gallon(GAL)	10-Mar-21
V000007DF6	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	10-Mar-21
V000007DE9	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	10-Mar-21
V000007DEB	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	10-Mar-21
V000007DEC	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	10-Mar-21
V000007DED	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	10-Mar-21
V000007DEE	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	10-Mar-21
V000007DEF	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	10-Mar-21
V000007DF0	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	10-Mar-21
V000007DF1	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	10-Mar-21
V000007DF2	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	10-Mar-21
V000007DF3	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	10-Mar-21
V000007E05	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	10-Mar-21
V000007DF4	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	10-Mar-21
V000007E01	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	10-Mar-21
V000007DF5	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	10-Mar-21
V000007DE8	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	10-Mar-21
V000007DF7	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	10-Mar-21
V000007DF8	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	10-Mar-21
V000007DF9	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	10-Mar-21
V000007DFA	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	10-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000007DFB	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	10-Mar-21
V000007DFC	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	10-Mar-21
V000007DFD	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	10-Mar-21
V000007DFE	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	10-Mar-21
V000007DFF	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	10-Mar-21
V000007E03	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	10-Mar-21
V000007E00	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	10-Mar-21
V000007E02	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	10-Mar-21
V000007E04	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	10-Mar-21
V000007DEA	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	10-Mar-21
V000007E06	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	10-Mar-21
V000007E09	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E12	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E11	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E10	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E0F	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E0E	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E0D	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E0C	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E0A	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E15	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E08	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E27	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E28	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E29	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E2A	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E2B	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E2C	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E2D	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E0B	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E1E	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E24	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E07	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E26	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E14	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E23	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E22	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E2E	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E21	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E13	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E1F	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E2F	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E1D	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000007E1C	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E1B	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E1A	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E19	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E18	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E17	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E16	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E20	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E4E	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E45	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E46	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E47	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E48	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E49	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E4A	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E4B	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E56	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E4D	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E41	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E4F	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E50	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E51	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E52	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E53	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E54	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E55	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E4C	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E32	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E3B	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E3A	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E39	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E38	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E37	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E36	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E35	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E44	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E33	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E43	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E25	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E31	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E30	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E3C	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E3D	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E3E	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E3F	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000007E42	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E34	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E68	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E57	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E40	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E6A	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E69	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E67	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E66	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E65	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E64	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E63	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E62	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E58	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E61	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E59	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E5A	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E5B	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E5C	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E5D	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E5E	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E5F	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E60	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E79	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E74	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E8C	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E71	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E72	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E73	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E70	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E75	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E7D	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E7C	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E7E	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E7A	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E78	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E8B	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E8D	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E77	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E7B	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E6B	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E76	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E8A	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E7F	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E80	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000007E6C	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E6D	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E81	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E82	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E87	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E6E	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E6F	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E84	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E85	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E86	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E83	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E88	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007E89	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007EA3	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007EA4	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007EA5	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007EA6	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007EA7	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007EA8	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007EA9	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007EAD	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007EAB	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007EAC	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007E94	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007E99	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007EAE	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007EAA	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007EA2	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007EA1	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007EA0	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007E9F	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007E9E	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007E9D	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007E9C	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007E9A	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007E98	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007E97	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007E95	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007E96	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007E8F	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007EAF	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007E9B	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007ECE	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007E91	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000007EC5	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007EC6	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007EC7	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007EC8	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007EC9	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007ECA	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007ECB	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007E93	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007ECD	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007EC4	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007ECF	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007ED0	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007ED1	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007ED2	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007ED3	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007ED4	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007E90	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007E8E	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007ECC	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007EBB	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007EB1	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007EB2	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007EB3	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007EB4	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007EB5	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007EB6	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007EB7	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007EB8	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007E92	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007EBA	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007EB0	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007EBC	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007EBD	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007EBE	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007EBF	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007EC0	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007EC1	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007EC2	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007EC3	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007EB9	-	CRYSTAL WINDSHIELD WASHER -25	1	Quarts(QT)	10-Mar-21
V000007EDD	-	MOBIL 1 0W-40	1	Quarts(QT)	10-Mar-21
V000007EE3	-	MOBIL 1 0W-40	1	Quarts(QT)	10-Mar-21
V000007EE2	-	MOBIL 1 0W-40	1	Quarts(QT)	10-Mar-21
V000007EE0	-	MOBIL 1 0W-40	1	Quarts(QT)	10-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000007EE1	-	MOBIL 1 0W-40	1	Quarts(QT)	10-Mar-21
V000007EDE	-	MOBIL 1 0W-40	1	Quarts(QT)	10-Mar-21
V000007EDC	-	MOBIL 1 0W-40	1	Quarts(QT)	10-Mar-21
V000007EDB	-	MOBIL 1 0W-40	1	Quarts(QT)	10-Mar-21
V000007EDA	-	MOBIL 1 0W-40	1	Quarts(QT)	10-Mar-21
V000007ED9	-	MOBIL 1 0W-40	1	Quarts(QT)	10-Mar-21
V000007ED8	-	MOBIL 1 0W-40	1	Quarts(QT)	10-Mar-21
V000007ED7	-	MOBIL 1 0W-40	1	Quarts(QT)	10-Mar-21
V000007ED6	-	MOBIL 1 0W-40	1	Quarts(QT)	10-Mar-21
V000007ED5	-	MOBIL 1 0W-40	1	Quarts(QT)	10-Mar-21
V000007EDF	-	MOBIL 1 0W-40	1	Quarts(QT)	10-Mar-21
V000007EE4	-	PARTS PLUS ANTIFREEZE & COOLANT	1	Gallon(GAL)	10-Mar-21
V000007EE6	-	PARTS PLUS ANTIFREEZE & COOLANT	1	Gallon(GAL)	10-Mar-21
V000007EE5	-	PARTS PLUS ANTIFREEZE & COOLANT	1	Gallon(GAL)	10-Mar-21
V000007EF7	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	10-Mar-21
V000007EEF	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	10-Mar-21
V000007EEE	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	10-Mar-21
V000007EF0	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	10-Mar-21
V000007EE7	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	10-Mar-21
V000007EF1	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	10-Mar-21
V000007EF2	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	10-Mar-21
V000007EF3	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	10-Mar-21
V000007EF4	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	10-Mar-21
V000007EF5	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	10-Mar-21
V000007EF6	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	10-Mar-21
V000007EE8	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	10-Mar-21
V000007EED	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	10-Mar-21
V000007EEA	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	10-Mar-21
V000007EEC	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	10-Mar-21
V000007EEB	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	10-Mar-21
V000007EE9	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	10-Mar-21
V000007EF8	-	Parts Plus ATF - Dexron-III/Mercon	1	Quarts(QT)	10-Mar-21
V000007EF9	-	Parts Plus ATF - Dexron-III/Mercon	1	Quarts(QT)	10-Mar-21
V000007EFA	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	10-Mar-21
V000007EFB	-	WD-40 Multi-Use Product TRIGGER PRO 50 State Compliant	20	Ounces(OZ)	10-Mar-21
V000007EFC	-	WD-40 Multi-Use Product TRIGGER PRO 50 State Compliant	20	Ounces(OZ)	10-Mar-21
V000007F00	-	PARTS PLUS HD SAE 30 PREMIUM MOTOR OIL PP3371	1	Quarts(QT)	10-Mar-21
V000007EFE	-	PARTS PLUS HD SAE 30 PREMIUM MOTOR OIL PP3371	1	Quarts(QT)	10-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000007EFF	-	PARTS PLUS HD SAE 30 PREMIUM MOTOR OIL PP3371	1	Quarts(QT)	10-Mar-21
V000007EFD	-	PARTS PLUS HD SAE 30 PREMIUM MOTOR OIL PP3371	1	Quarts(QT)	10-Mar-21
0001613815	-	POLYCRYSTALLINE DIAMOND SUSPENSION	16	Ounces(OZ)	10-Mar-21
0001613816	-	POLYCRYSTALLINE DIAMOND SUSPENSION	16	Ounces(OZ)	10-Mar-21
0001613817	-	POLYCRYSTALLINE DIAMOND SUSPENSION	16	Ounces(OZ)	10-Mar-21
0001613818	-	POLYCRYSTALLINE DIAMOND SUSPENSION	16	Ounces(OZ)	10-Mar-21
0001613819	-	POLYCRYSTALLINE DIAMOND SUSPENSION	16	Ounces(OZ)	10-Mar-21
0001613820	-	POLYCRYSTALLINE DIAMOND SUSPENSION	16	Ounces(OZ)	10-Mar-21
0001613821	-	GREENLUBE DIAMOND EXTENDER	3.8	Liters(L)	10-Mar-21
0001423373	-	POLYWATER	250	Milliliter(ML)	11-Mar-21
0001423376	-	POLYWATER	250	Milliliter(ML)	11-Mar-21
0001423375	-	POLYWATER	250	Milliliter(ML)	11-Mar-21
0001423377	-	POLYWATER	250	Milliliter(ML)	11-Mar-21
0001423374	-	POLYWATER	250	Milliliter(ML)	11-Mar-21
0001646802	-	HNO3 PRESERVATION FOR 125 ML	100	Milliliter(ML)	11-Mar-21
0001458418	582-25-2	POTASSIUM BENZOATE	1	Pounds(LB)	11-Mar-21
0001646803	-	TURBIDITY STANDARD	1	Gallon(GAL)	11-Mar-21
0001646804	-	TURBIDITY STANDARD	1	Gallon(GAL)	11-Mar-21
0001646805	-	TURBIDITY STANDARD	1	Gallon(GAL)	11-Mar-21
0001646806	-	TURBIDITY STANDARD	1	Gallon(GAL)	11-Mar-21
0001646807	-	TURBIDITY STANDARD	1	Gallon(GAL)	11-Mar-21
0001646811	-	ORP Standard 220 mV	1	Liters(L)	11-Mar-21
0001646821	-	ORP Standard 220 mV	1	Liters(L)	11-Mar-21
0001646819	-	ORP Standard 220 mV	1	Liters(L)	11-Mar-21
0001646817	-	ORP Standard 220 mV	1	Liters(L)	11-Mar-21
0001646816	-	ORP Standard 220 mV	1	Liters(L)	11-Mar-21
0001646815	-	ORP Standard 220 mV	1	Liters(L)	11-Mar-21
0001646814	-	ORP Standard 220 mV	1	Liters(L)	11-Mar-21
0001646822	-	ORP Standard 220 mV	1	Liters(L)	11-Mar-21
0001646812	-	ORP Standard 220 mV	1	Liters(L)	11-Mar-21
0001646820	-	ORP Standard 220 mV	1	Liters(L)	11-Mar-21
0001646810	-	ORP Standard 220 mV	1	Liters(L)	11-Mar-21
0001646809	-	ORP Standard 220 mV	1	Liters(L)	11-Mar-21
0001646808	-	ORP Standard 220 mV	1	Liters(L)	11-Mar-21
0001646813	-	ORP Standard 220 mV	1	Liters(L)	11-Mar-21
0001646818	-	ORP Standard 220 mV	1	Liters(L)	11-Mar-21
0001646823	7732-18-5	BUFFER SOLUTION PH4	5	Gallon(GAL)	11-Mar-21
0001646825	7732-18-5	WATER (BUFFER SOLUTION PH10)	5	Gallon(GAL)	11-Mar-21
0001646824	-	BUFFER SOLUTION PH 7.0	5	Gallon(GAL)	11-Mar-21
0001458433	-	QUARTZ WOOL	5	Gram(GM)	11-Mar-21
0001458434	-	QUARTZ WOOL	5	Gram(GM)	11-Mar-21
0001458435	-	QUARTZ WOOL	5	Gram(GM)	11-Mar-21
0001458442	-	Magnesium perchlorate anhydrous granules	100	Gram(GM)	11-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001458446	-	Magnesium perchlorate anhydrous granules	100	Gram(GM)	11-Mar-21
0001458443	-	Magnesium perchlorate anhydrous granules	100	Gram(GM)	11-Mar-21
0001458445	-	Magnesium perchlorate anhydrous granules	100	Gram(GM)	11-Mar-21
0001458444	-	Magnesium perchlorate anhydrous granules	100	Gram(GM)	11-Mar-21
0001458447	8006-28-8	SODA LIME	100	Gram(GM)	11-Mar-21
0001458448	8006-28-8	SODA LIME	100	Gram(GM)	11-Mar-21
0001458451	8006-28-8	SODA LIME	100	Gram(GM)	11-Mar-21
0001458452	8006-28-8	SODA LIME	100	Gram(GM)	11-Mar-21
0001458450	8006-28-8	SODA LIME	100	Gram(GM)	11-Mar-21
0001458449	8006-28-8	SODA LIME	100	Gram(GM)	11-Mar-21
0001458453	14808-60-7	Quartz Turnings	50	Gram(GM)	11-Mar-21
0001458456	14808-60-7	Quartz Turnings	50	Gram(GM)	11-Mar-21
0001458454	14808-60-7	Quartz Turnings	50	Gram(GM)	11-Mar-21
0001458455	14808-60-7	Quartz Turnings	50	Gram(GM)	11-Mar-21
0001458485	14808-60-7	Quartz Turnings	50	Gram(GM)	11-Mar-21
0001458457	-	SILVER COBALTOUS/IC OXIDE	25	Gram(GM)	11-Mar-21
0001458460	-	SILVER COBALTOUS/IC OXIDE	25	Gram(GM)	11-Mar-21
0001458458	-	SILVER COBALTOUS/IC OXIDE	25	Gram(GM)	11-Mar-21
0001458459	-	SILVER COBALTOUS/IC OXIDE	25	Gram(GM)	11-Mar-21
0001458461	1308-38-9	CHROMIUM(III) OXIDE	25	Gram(GM)	11-Mar-21
0001458463	1308-38-9	CHROMIUM(III) OXIDE	25	Gram(GM)	11-Mar-21
0001458462	1308-38-9	CHROMIUM(III) OXIDE	25	Gram(GM)	11-Mar-21
0001458472	1308-38-9	CHROMIUM(III) OXIDE	25	Gram(GM)	11-Mar-21
0001458464	-	NICKEL PLATED CARBON	5	Gram(GM)	11-Mar-21
0001458465	-	NICKEL PLATED CARBON	5	Gram(GM)	11-Mar-21
0001458466	-	NICKEL PLATED CARBON	5	Gram(GM)	11-Mar-21
0001458467	-	NICKEL PLATED CARBON	5	Gram(GM)	11-Mar-21
0001458470	-	QUARTZ WOOL	5	Gram(GM)	11-Mar-21
0001458471	-	QUARTZ WOOL	5	Gram(GM)	11-Mar-21
0001458473	-	nickel wool	2	Gram(GM)	11-Mar-21
0001458474	-	NICKEL PLATED CARBON	5	Gram(GM)	11-Mar-21
0001458475	-	NICKEL PLATED CARBON	5	Gram(GM)	11-Mar-21
0001458476	7440-50-8	COPPER	50	Gram(GM)	11-Mar-21
0001458478	7440-50-8	COPPER	50	Gram(GM)	11-Mar-21
0001458480	7440-50-8	COPPER	50	Gram(GM)	11-Mar-21
0001458481	7440-50-8	COPPER	50	Gram(GM)	11-Mar-21
0001458482	7440-50-8	COPPER	50	Gram(GM)	11-Mar-21
0001458477	7440-50-8	COPPER	50	Gram(GM)	11-Mar-21
0001458479	7440-50-8	COPPER	50	Gram(GM)	11-Mar-21
0001458483	1308-38-9	CHROMIUM OXIDE	25	Gram(GM)	11-Mar-21
0001458484	1308-38-9	CHROMIUM OXIDE	25	Gram(GM)	11-Mar-21
0001458486	-	SILVER COBALTOUS/IC OXIDE	25	Gram(GM)	11-Mar-21
0001458487	-	ATROPINE STANDARD	2	Gram(GM)	11-Mar-21
0001458488	103-84-4	ACETANILIDE	2	Gram(GM)	11-Mar-21
0001458423	1345-04-6	ANTIMONY TRISULFIDE	1	Pounds(LB)	11-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001540057	-	Falcon Sonic Blast Horn	1	Ounces(OZ)	15-Mar-21
0001540056	-	Falcon Sonic Blast Horn	1	Ounces(OZ)	15-Mar-21
0001540047	-	Falcon Sonic Blast Horn	1	Ounces(OZ)	15-Mar-21
0001540038	-	Falcon Sonic Blast Horn	1	Ounces(OZ)	15-Mar-21
0001458490	-	RESIN FK-800	2.2	Pounds(LB)	15-Mar-21
0001458489	-	RESIN FK-800	2.2	Pounds(LB)	15-Mar-21
0001458503	-	GLASS CLEANER	750	Milliliter(ML)	15-Mar-21
0001458492	-	FANTASTIK SPRAY CLEANER	946	Milliliter(ML)	15-Mar-21
0001458491	-	FANTASTIK SPRAY CLEANER	496	Milliliter(ML)	15-Mar-21
0001423305	-	FOAM SEALANT INSULATING	250	Milliliter(ML)	15-Mar-21
0001458493	-	CITRIS CLEANSER DEGREASER	946	Milliliter(ML)	15-Mar-21
0001458495	-	AJAX OXYGEN BLEACH CLEANSER	14	Ounces(OZ)	15-Mar-21
0001458494	-	LENS CLEANER	2	Ounces(OZ)	15-Mar-21
0001458498	-	FANTASTIK SPRAY CLEANER	946	Milliliter(ML)	15-Mar-21
0001458497	-	SPRAYON 204 DRY GRAPHITE LUBRICANT	10	Ounces(OZ)	15-Mar-21
0001458496	-	SPRAYON 204 DRY GRAPHITE LUBRICANT	10	Ounces(OZ)	15-Mar-21
0001458499	-	SYLGARD 184 SILICONE ELASTOMER	453	Gram(GM)	15-Mar-21
0001458500	-	SV TUNING MIX	100	Milliliter(ML)	15-Mar-21
0001458501	-	LEAK DETECTOR SOLUTION	118	Milliliter(ML)	15-Mar-21
0001458502	7758-02-3	POTASSIUM BROMIDE	100	Gram(GM)	15-Mar-21
0001641282	-	Uvex Clear Solution	10.1	Ounces(OZ)	15-Mar-21
0001641283	-	Uvex Clear Solution	10.1	Ounces(OZ)	15-Mar-21
0001641286	-	Uvex Clear Solution	10.1	Ounces(OZ)	15-Mar-21
0001641284	-	Uvex Clear Solution	10.1	Ounces(OZ)	15-Mar-21
0001641287	-	Uvex Clear Solution	10.1	Ounces(OZ)	15-Mar-21
0001641285	-	Uvex Clear Solution	10.1	Ounces(OZ)	15-Mar-21
0001641308	-	Uvex Clear Solution	10.1	Ounces(OZ)	15-Mar-21
0001641318	-	Uvex Clear Solution	10.1	Ounces(OZ)	15-Mar-21
0001641317	-	Uvex Clear Solution	10.1	Ounces(OZ)	15-Mar-21
0001641316	-	Uvex Clear Solution	10.1	Ounces(OZ)	15-Mar-21
0001641315	-	Uvex Clear Solution	10.1	Ounces(OZ)	15-Mar-21
0001641314	-	Uvex Clear Solution	10.1	Ounces(OZ)	15-Mar-21
0001641313	-	Uvex Clear Solution	10.1	Ounces(OZ)	15-Mar-21
0001641312	-	Uvex Clear Solution	10.1	Ounces(OZ)	15-Mar-21
0001641311	-	Uvex Clear Solution	10.1	Ounces(OZ)	15-Mar-21
0001641310	-	Uvex Clear Solution	10.1	Ounces(OZ)	15-Mar-21
0001641309	-	Uvex Clear Solution	10.1	Ounces(OZ)	15-Mar-21
0001641295	-	Uvex Clear Solution	10.1	Ounces(OZ)	15-Mar-21
0001641290	-	Uvex Clear Solution	10.1	Ounces(OZ)	15-Mar-21
0001641307	-	Uvex Clear Solution	16	Ounces(OZ)	15-Mar-21
0001641288	-	Uvex Clear Solution	10.1	Ounces(OZ)	15-Mar-21
0001641291	-	Uvex Clear Solution	10.1	Ounces(OZ)	15-Mar-21
0001641292	-	Uvex Clear Solution	10.1	Ounces(OZ)	15-Mar-21
0001641289	-	Uvex Clear Solution	10.1	Ounces(OZ)	15-Mar-21
0001641294	-	Uvex Clear Solution	10.1	Ounces(OZ)	15-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001641296	-	Uvex Clear Solution	10.1	Ounces(OZ)	15-Mar-21
0001641297	-	Uvex Clear Solution	10.1	Ounces(OZ)	15-Mar-21
0001641299	-	Uvex Clear Solution	10.1	Ounces(OZ)	15-Mar-21
0001641306	-	Uvex Clear Solution	10.1	Ounces(OZ)	15-Mar-21
0001641300	-	Uvex Clear Solution	10.1	Ounces(OZ)	15-Mar-21
0001641301	-	Uvex Clear Solution	10.1	Ounces(OZ)	15-Mar-21
0001641302	-	Uvex Clear Solution	10.1	Ounces(OZ)	15-Mar-21
0001641303	-	Uvex Clear Solution	10.1	Ounces(OZ)	15-Mar-21
0001641298	-	Uvex Clear Solution	10.1	Ounces(OZ)	15-Mar-21
0001641305	-	Uvex Clear Solution	10.1	Ounces(OZ)	15-Mar-21
0001641293	-	Uvex Clear Solution	10.1	Ounces(OZ)	15-Mar-21
0001641304	-	Uvex Clear Solution	10.1	Ounces(OZ)	15-Mar-21
0001613759	-	Cyclo-2345 (d5/d6) Cyclomethicone	4	Liters(L)	15-Mar-21
0001613762	-	Cyclo-2345 (d5/d6) Cyclomethicone	4	Liters(L)	15-Mar-21
0001613760	-	Cyclo-2345 (d5/d6) Cyclomethicone	4	Liters(L)	15-Mar-21
0001613761	-	Cyclo-2345 (d5/d6) Cyclomethicone	4	Liters(L)	15-Mar-21
V000007F16	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	15-Mar-21
V000007F0C	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	15-Mar-21
V000007F17	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	15-Mar-21
V000007F18	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	15-Mar-21
V000007F0F	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	15-Mar-21
V000007F0A	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	15-Mar-21
V000007F19	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	15-Mar-21
V000007F0B	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	15-Mar-21
V000007F0E	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	15-Mar-21
V000007F10	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	15-Mar-21
V000007F11	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	15-Mar-21
V000007F12	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	15-Mar-21
V000007F13	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	15-Mar-21
V000007F15	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	15-Mar-21
V000007F14	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	15-Mar-21
V000007F1D	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	15-Mar-21
V000007F1B	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	15-Mar-21
V000007F0D	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	15-Mar-21
V000007F1A	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	15-Mar-21
V000007F1C	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	15-Mar-21
V000007F1E	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	15-Mar-21
V000007F1F	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	15-Mar-21
V000007F20	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	15-Mar-21
V000007F21	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	15-Mar-21
0001613763	-	Heptanes mixture of isomers	4	Liters(L)	15-Mar-21
0001613765	-	Heptanes mixture of isomers	4	Liters(L)	15-Mar-21
0001613764	-	Heptanes mixture of isomers	4	Liters(L)	15-Mar-21
0001613766	-	Heptanes mixture of isomers	4	Liters(L)	15-Mar-21
0001658663	7440-59-7	HELIUM GAS	250	Cubic Feet(CF)	15-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001658664	7440-59-7	HELIUM GAS	250	Cubic Feet(CF)	15-Mar-21
0001658666	7440-59-7	HELIUM GAS	100	Cubic Feet(CF)	15-Mar-21
0001658665	7440-59-7	HELIUM GAS	100	Cubic Feet(CF)	15-Mar-21
0001658667	-	Refrigerant R22	25	Cubic Feet(CF)	15-Mar-21
0001658668	-	Refrigerant R22	25	Cubic Feet(CF)	15-Mar-21
0001658669	-	R-410A	25	Cubic Feet(CF)	15-Mar-21
0001658671	-	R-410A	25	Cubic Feet(CF)	15-Mar-21
0001658670	-	R-410A	25	Cubic Feet(CF)	15-Mar-21
0001613767	75-05-8	ACETONITRILE HPLC	4	Liters(L)	15-Mar-21
0001613768	75-05-8	ACETONITRILE HPLC	4	Liters(L)	15-Mar-21
0001613769	110-54-3	Hexanes HPLC Grade	4	Liters(L)	15-Mar-21
0001613772	110-54-3	Hexanes HPLC Grade	4	Liters(L)	15-Mar-21
0001613771	110-54-3	Hexanes HPLC Grade	4	Liters(L)	15-Mar-21
0001613770	110-54-3	Hexanes HPLC Grade	4	Liters(L)	15-Mar-21
0001613773	92112-69-1	Hexanes Certified ACS	19	Liters(L)	15-Mar-21
0001613774	56411-57-5	Lipoteichoic acid from Streptococcus pyogenes	5	Milligram(MG)	15-Mar-21
0001613775	56411-57-5	Lipoteichoic acid from Streptococcus pyogenes	5	Milligram(MG)	15-Mar-21
0001613776	60-29-7	DIETHYL ETHER	1	Liters(L)	15-Mar-21
0001613778	60-29-7	DIETHYL ETHER	1	Liters(L)	15-Mar-21
0001613777	60-29-7	DIETHYL ETHER	1	Liters(L)	15-Mar-21
0001613779	60-29-7	DIETHYL ETHER	1	Liters(L)	15-Mar-21
0001613781	60-29-7	DIETHYL ETHER	1	Liters(L)	15-Mar-21
0001613780	60-29-7	DIETHYL ETHER	1	Liters(L)	15-Mar-21
0001613782	13769-20-5	EUROPIUM (II) CHLORIDE	1	Gram(GM)	15-Mar-21
0001613783	-	Isopropyl Alcohol 90% v/v Solution	500	Milliliter(ML)	15-Mar-21
0001613789	-	Isopropyl Alcohol 90% v/v Solution	500	Milliliter(ML)	15-Mar-21
0001613790	-	Isopropyl Alcohol 90% v/v Solution	500	Milliliter(ML)	15-Mar-21
0001613784	-	Isopropyl Alcohol 90% v/v Solution	500	Milliliter(ML)	15-Mar-21
0001613785	-	Isopropyl Alcohol 90% v/v Solution	500	Milliliter(ML)	15-Mar-21
0001613786	-	Isopropyl Alcohol 90% v/v Solution	500	Milliliter(ML)	15-Mar-21
0001613787	-	Isopropyl Alcohol 90% v/v Solution	500	Milliliter(ML)	15-Mar-21
0001613788	-	Isopropyl Alcohol 90% v/v Solution	500	Milliliter(ML)	15-Mar-21
0001613792	-	Isopropyl Alcohol 90% v/v Solution	500	Milliliter(ML)	15-Mar-21
0001613791	-	Isopropyl Alcohol 90% v/v Solution	500	Milliliter(ML)	15-Mar-21
0001613793	144-62-7	OXALIC ACID	100	Gram(GM)	15-Mar-21
0001613795	144-62-7	OXALIC ACID	100	Gram(GM)	15-Mar-21
0001613794	144-62-7	OXALIC ACID	100	Gram(GM)	15-Mar-21
0001613796	10517-21-2	5-Chloroindole-2-carboxylic acid	1	Gram(GM)	15-Mar-21
0001613798	10517-21-2	5-Chloroindole-2-carboxylic acid	1	Gram(GM)	15-Mar-21
0001613797	10517-21-2	5-Chloroindole-2-carboxylic acid	1	Gram(GM)	15-Mar-21
0001613799	15573-38-3	Tris(trimethylsilyl)phosphine min. 98%	5	Gram(GM)	15-Mar-21
0001613800	67-64-1	ACETONE	4	Liters(L)	15-Mar-21
0001613801	67-64-1	ACETONE	4	Liters(L)	15-Mar-21
0001613802	141-78-6	ETHYL ACETATE	4	Liters(L)	15-Mar-21
0001613803	141-78-6	ETHYL ACETATE	4	Liters(L)	15-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001613804	-	Blocker BSA (10X) in PBS	200	Milliliter(ML)	15-Mar-21
0001613805	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Gallon(GAL)	15-Mar-21
0001613806	-	B27 Supplement	10	Milliliter(ML)	15-Mar-21
0001613807	-	B27 Supplement	10	Milliliter(ML)	15-Mar-21
0001613808	1344-28-1	ALUMINUM OXIDE	5	Kilograms(KG)	15-Mar-21
0001613809	1310-58-3	POTASSIUM HYDROXIDE PELLETS 85%	1	Kilograms(KG)	15-Mar-21
0001613810	431-47-0	METHYL TRIFLUOROACETATE	100	Gram(GM)	15-Mar-21
0001613811	9029-47-4	PROTOCATECHUATE 3 4-DIOXYGENASE	8.3	Milligram(MG)	15-Mar-21
0001658672	-	ARGON GAS	220	Cubic Feet(CF)	16-Mar-21
0001658680	-	ARGON GAS	220	Cubic Feet(CF)	16-Mar-21
0001658681	-	ARGON GAS	220	Cubic Feet(CF)	16-Mar-21
0001658682	-	ARGON GAS	220	Cubic Feet(CF)	16-Mar-21
0001658683	-	ARGON GAS	220	Cubic Feet(CF)	16-Mar-21
0001658684	-	ARGON GAS	220	Cubic Feet(CF)	16-Mar-21
0001658685	-	ARGON GAS	220	Cubic Feet(CF)	16-Mar-21
0001658686	-	ARGON GAS	220	Cubic Feet(CF)	16-Mar-21
0001658687	-	ARGON GAS	220	Cubic Feet(CF)	16-Mar-21
0001658689	-	ARGON GAS	220	Cubic Feet(CF)	16-Mar-21
0001658688	-	ARGON GAS	220	Cubic Feet(CF)	16-Mar-21
0001658679	-	ARGON GAS	220	Cubic Feet(CF)	16-Mar-21
0001658678	-	ARGON GAS	220	Cubic Feet(CF)	16-Mar-21
0001658677	-	ARGON GAS	220	Cubic Feet(CF)	16-Mar-21
0001658676	-	ARGON GAS	220	Cubic Feet(CF)	16-Mar-21
0001658675	-	ARGON GAS	220	Cubic Feet(CF)	16-Mar-21
0001658673	-	ARGON GAS	220	Cubic Feet(CF)	16-Mar-21
0001658674	-	ARGON GAS	220	Cubic Feet(CF)	16-Mar-21
0001658695	-	ARGON GAS	220	Cubic Feet(CF)	16-Mar-21
0001658692	-	ARGON GAS	220	Cubic Feet(CF)	16-Mar-21
0001658694	-	ARGON GAS	220	Cubic Feet(CF)	16-Mar-21
0001658693	-	ARGON GAS	220	Cubic Feet(CF)	16-Mar-21
0001658691	-	ARGON GAS	220	Cubic Feet(CF)	16-Mar-21
0001658690	-	ARGON GAS	220	Cubic Feet(CF)	16-Mar-21
0001658696	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Mar-21
0001658713	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Mar-21
0001658710	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Mar-21
0001658712	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Mar-21
0001658705	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Mar-21
0001658711	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Mar-21
0001658704	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Mar-21
0001658714	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Mar-21
0001658715	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Mar-21
0001658707	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Mar-21
0001658706	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Mar-21
0001658708	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Mar-21
0001658703	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001658709	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Mar-21
0001658697	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Mar-21
0001658702	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Mar-21
0001658700	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Mar-21
0001658699	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Mar-21
0001658698	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Mar-21
0001658701	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Mar-21
0001658719	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Mar-21
0001658716	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Mar-21
0001658717	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Mar-21
0001658718	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Mar-21
0001658720	-	Compressed Air	220	Cubic Feet(CF)	16-Mar-21
0001658729	-	Compressed Air	220	Cubic Feet(CF)	16-Mar-21
0001658723	-	Compressed Air	220	Cubic Feet(CF)	16-Mar-21
0001658722	-	Compressed Air	220	Cubic Feet(CF)	16-Mar-21
0001658721	-	Compressed Air	220	Cubic Feet(CF)	16-Mar-21
0001658725	-	Compressed Air	220	Cubic Feet(CF)	16-Mar-21
0001658726	-	Compressed Air	220	Cubic Feet(CF)	16-Mar-21
0001658724	-	Compressed Air	220	Cubic Feet(CF)	16-Mar-21
0001658733	-	Compressed Air	220	Cubic Feet(CF)	16-Mar-21
0001658727	-	Compressed Air	220	Cubic Feet(CF)	16-Mar-21
0001658732	-	Compressed Air	220	Cubic Feet(CF)	16-Mar-21
0001658731	-	Compressed Air	220	Cubic Feet(CF)	16-Mar-21
0001658730	-	Compressed Air	220	Cubic Feet(CF)	16-Mar-21
0001658728	-	Compressed Air	220	Cubic Feet(CF)	16-Mar-21
0001658734	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	16-Mar-21
0001658742	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	16-Mar-21
0001658738	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	16-Mar-21
0001658735	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	16-Mar-21
0001658751	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	16-Mar-21
0001658750	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	16-Mar-21
0001658749	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	16-Mar-21
0001658736	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	16-Mar-21
0001658741	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	16-Mar-21
0001658737	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	16-Mar-21
0001658743	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	16-Mar-21
0001658744	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	16-Mar-21
0001658745	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	16-Mar-21
0001658746	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	16-Mar-21
0001658747	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	16-Mar-21
0001658748	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	16-Mar-21
0001658740	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	16-Mar-21
0001658739	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	16-Mar-21
0001658752	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	16-Mar-21
0001658754	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	16-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001658768	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	16-Mar-21
0001658769	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	16-Mar-21
0001658770	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	16-Mar-21
0001658771	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	16-Mar-21
0001658772	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	16-Mar-21
0001658755	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	16-Mar-21
0001658757	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	16-Mar-21
0001658767	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	16-Mar-21
0001658758	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	16-Mar-21
0001658759	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	16-Mar-21
0001658760	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	16-Mar-21
0001658761	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	16-Mar-21
0001658762	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	16-Mar-21
0001658763	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	16-Mar-21
0001658764	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	16-Mar-21
0001658765	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	16-Mar-21
0001658753	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	16-Mar-21
0001658766	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	16-Mar-21
0001658756	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	16-Mar-21
0001658773	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	16-Mar-21
0001658787	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	16-Mar-21
0001658779	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	16-Mar-21
0001658778	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	16-Mar-21
0001658782	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	16-Mar-21
0001658783	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	16-Mar-21
0001658776	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	16-Mar-21
0001658784	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	16-Mar-21
0001658775	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	16-Mar-21
0001658785	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	16-Mar-21
0001658786	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	16-Mar-21
0001658781	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	16-Mar-21
0001658780	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	16-Mar-21
0001658777	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	16-Mar-21
0001658774	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	16-Mar-21
0001658788	-	CARBON DIOXIDE IN NITROGEN	220	Cubic Feet(CF)	16-Mar-21
0001658789	-	CARBON DIOXIDE IN NITROGEN	220	Cubic Feet(CF)	16-Mar-21
0001658829	-	Hydrogen Air	220	Cubic Feet(CF)	16-Mar-21
0001420135	-	Cooling medium for recooling (Chiller) systems 1:4 Standard	10	Liters(L)	17-Mar-21
0001420136	-	Cooling medium for recooling (Chiller) systems 1:4 Standard	10	Liters(L)	17-Mar-21
0001420140	-	Cooling medium for recooling (Chiller) systems 1:4 Standard	10	Liters(L)	17-Mar-21
0001420139	-	Cooling medium for recooling (Chiller) systems 1:4 Standard	10	Liters(L)	17-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001420137	-	Cooling medium for recooling (Chiller) systems 1:4 Standard	10	Liters(L)	17-Mar-21
0001420138	-	Cooling medium for recooling (Chiller) systems 1:4 Standard	10	Liters(L)	17-Mar-21
0001658790	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	17-Mar-21
0001658795	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	17-Mar-21
0001658791	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	17-Mar-21
0001658792	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	17-Mar-21
0001658794	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	17-Mar-21
0001658793	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	17-Mar-21
0001658796	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	17-Mar-21
0001658804	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	17-Mar-21
0001658806	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	17-Mar-21
0001658799	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	17-Mar-21
0001658821	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	17-Mar-21
0001658820	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	17-Mar-21
0001658819	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	17-Mar-21
0001658818	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	17-Mar-21
0001658817	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	17-Mar-21
0001658800	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	17-Mar-21
0001658816	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	17-Mar-21
0001658801	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	17-Mar-21
0001658822	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	17-Mar-21
0001658803	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	17-Mar-21
0001658798	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	17-Mar-21
0001658805	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	17-Mar-21
0001658797	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	17-Mar-21
0001658807	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	17-Mar-21
0001658808	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	17-Mar-21
0001658809	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	17-Mar-21
0001658810	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	17-Mar-21
0001658811	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	17-Mar-21
0001658812	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	17-Mar-21
0001658813	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	17-Mar-21
0001658814	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	17-Mar-21
0001658815	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	17-Mar-21
0001658802	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	17-Mar-21
0001658823	74-98-6	PROPANE	11	Gallon(GAL)	17-Mar-21
0001658828	74-98-6	PROPANE	11	Gallon(GAL)	17-Mar-21
0001658824	74-98-6	PROPANE	11	Gallon(GAL)	17-Mar-21
0001658825	74-98-6	PROPANE	11	Gallon(GAL)	17-Mar-21
0001658826	74-98-6	PROPANE	11	Gallon(GAL)	17-Mar-21
0001658827	74-98-6	PROPANE	11	Gallon(GAL)	17-Mar-21
0001658830	7439-90-9	KRYPTON	100	Liters(L)	17-Mar-21
0001658831	7439-90-9	KRYPTON	100	Liters(L)	17-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001658832	-	Carbon Dioxide 1%/Bal. Nitrogen	220	Cubic Feet(CF)	17-Mar-21
V000007F33	-	HIGH TEMPERATURE SLEEVE RETAINER 36ML	1.22	Ounces(OZ)	17-Mar-21
V000007F32	-	HIGH TEMPERATURE SLEEVE RETAINER 36ML	1.22	Ounces(OZ)	17-Mar-21
0001613822	-	FC-770 FLUORINERT Electronic Liquid	44	Pounds(LB)	17-Mar-21
0001613825	2867-47-2	2-(Dimethylamino)ethyl methacrylate	1	Liters(L)	17-Mar-21
0001613827	2867-47-2	2-(Dimethylamino)ethyl methacrylate	1	Liters(L)	17-Mar-21
0001613826	2867-47-2	2-(Dimethylamino)ethyl methacrylate	1	Liters(L)	17-Mar-21
0001612702	-	ALPHA RMA-390-DH3 Solder Paste 96.5Sn/3.5Ag 88-3-M07	500	Gram(GM)	17-Mar-21
0001614231	64-17-5	ETHYL ALCOHOL	4	Liters(L)	17-Mar-21
0001613828	92112-69-1	Hexanes for HPLC	4	Liters(L)	17-Mar-21
0001613830	92112-69-1	Hexanes for HPLC	4	Liters(L)	17-Mar-21
0001613831	92112-69-1	Hexanes for HPLC	4	Liters(L)	17-Mar-21
0001613829	92112-69-1	Hexanes for HPLC	4	Liters(L)	17-Mar-21
0001613832	92112-69-1	Hexanes for HPLC	4	Liters(L)	17-Mar-21
0001613833	92112-69-1	Hexanes for HPLC	4	Liters(L)	17-Mar-21
0001613834	92112-69-1	Hexanes for HPLC	4	Liters(L)	17-Mar-21
0001613835	92112-69-1	Hexanes for HPLC	4	Liters(L)	17-Mar-21
0001613836	109-99-9	TETRAHYDROFURAN ANHYDROUS 99.9%	1	Liters(L)	17-Mar-21
0001613840	109-99-9	TETRAHYDROFURAN ANHYDROUS 99.9%	1	Liters(L)	17-Mar-21
0001613837	109-99-9	TETRAHYDROFURAN ANHYDROUS 99.9%	1	Liters(L)	17-Mar-21
0001613839	109-99-9	TETRAHYDROFURAN ANHYDROUS 99.9%	1	Liters(L)	17-Mar-21
0001613838	109-99-9	TETRAHYDROFURAN ANHYDROUS 99.9%	1	Liters(L)	17-Mar-21
0001613841	67-63-0	2-PROPONAL	4	Liters(L)	17-Mar-21
0001613842	10043-35-3	Boric Acid ACS	5	Kilograms(KG)	17-Mar-21
0001613843	10043-35-3	Boric Acid ACS	5	Kilograms(KG)	17-Mar-21
0001613844	10043-35-3	Boric Acid ACS	5	Kilograms(KG)	17-Mar-21
0001613845	56-81-5	GLYCEROL	1	Liters(L)	17-Mar-21
0001613846	-	Thermally Conductive Controlled Volatility Silicone	50	Gram(GM)	17-Mar-21
0001613847	1310-58-3	POTASSIUM HYDROXIDE	2.5	Kilograms(KG)	17-Mar-21
0001613850	1310-58-3	POTASSIUM HYDROXIDE	2.5	Kilograms(KG)	17-Mar-21
0001613861	1310-58-3	POTASSIUM HYDROXIDE	2.5	Kilograms(KG)	17-Mar-21
0001613860	1310-58-3	POTASSIUM HYDROXIDE	2.5	Kilograms(KG)	17-Mar-21
0001613858	1310-58-3	POTASSIUM HYDROXIDE	2.5	Kilograms(KG)	17-Mar-21
0001613857	1310-58-3	POTASSIUM HYDROXIDE	2.5	Kilograms(KG)	17-Mar-21
0001613849	1310-58-3	POTASSIUM HYDROXIDE	2.5	Kilograms(KG)	17-Mar-21
0001613862	1310-58-3	POTASSIUM HYDROXIDE	2.5	Kilograms(KG)	17-Mar-21
0001613851	1310-58-3	POTASSIUM HYDROXIDE	2.5	Kilograms(KG)	17-Mar-21
0001613852	1310-58-3	POTASSIUM HYDROXIDE	2.5	Kilograms(KG)	17-Mar-21
0001613853	1310-58-3	POTASSIUM HYDROXIDE	2.5	Kilograms(KG)	17-Mar-21
0001613854	1310-58-3	POTASSIUM HYDROXIDE	2.5	Kilograms(KG)	17-Mar-21
0001613855	1310-58-3	POTASSIUM HYDROXIDE	2.5	Kilograms(KG)	17-Mar-21
0001613856	1310-58-3	POTASSIUM HYDROXIDE	2.5	Kilograms(KG)	17-Mar-21
0001613859	1310-58-3	POTASSIUM HYDROXIDE	2.5	Kilograms(KG)	17-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001613848	1310-58-3	POTASSIUM HYDROXIDE	2.5	Kilograms(KG)	17-Mar-21
0001613863	64-19-7	ACETIC ACID 99.7+%	2.5	Liters(L)	17-Mar-21
0001613867	64-19-7	ACETIC ACID 99.7+%	2.5	Liters(L)	17-Mar-21
0001613864	64-19-7	ACETIC ACID 99.7+%	2.5	Liters(L)	17-Mar-21
0001613874	64-19-7	ACETIC ACID 99.7+%	2.5	Liters(L)	17-Mar-21
0001613869	64-19-7	ACETIC ACID 99.7+%	2.5	Liters(L)	17-Mar-21
0001613865	64-19-7	ACETIC ACID 99.7+%	2.5	Liters(L)	17-Mar-21
0001613866	64-19-7	ACETIC ACID 99.7+%	2.5	Liters(L)	17-Mar-21
0001613872	64-19-7	ACETIC ACID 99.7+%	2.5	Liters(L)	17-Mar-21
0001613870	64-19-7	ACETIC ACID 99.7+%	2.5	Liters(L)	17-Mar-21
0001613873	64-19-7	ACETIC ACID 99.7+%	2.5	Liters(L)	17-Mar-21
0001613871	64-19-7	ACETIC ACID 99.7+%	2.5	Liters(L)	17-Mar-21
0001613868	64-19-7	ACETIC ACID 99.7+%	2.5	Liters(L)	17-Mar-21
0001613875	594-61-6	2-HYDROXYISOBUTYRIC ACID	500	Gram(GM)	17-Mar-21
0001613876	594-61-6	2-HYDROXYISOBUTYRIC ACID	500	Gram(GM)	17-Mar-21
0001613877	594-61-6	2-HYDROXYISOBUTYRIC ACID	500	Gram(GM)	17-Mar-21
0001613879	594-61-6	2-HYDROXYISOBUTYRIC ACID	500	Gram(GM)	17-Mar-21
0001613878	594-61-6	2-HYDROXYISOBUTYRIC ACID	500	Gram(GM)	17-Mar-21
0001613880	594-61-6	2-HYDROXYISOBUTYRIC ACID	500	Gram(GM)	17-Mar-21
V000007F44	-	VELOSSA (HERBICIDE)	2.5	Gallon(GAL)	17-Mar-21
V000007F40	-	VELOSSA (HERBICIDE)	2.5	Gallon(GAL)	17-Mar-21
V000007F3A	-	VELOSSA (HERBICIDE)	2.5	Gallon(GAL)	17-Mar-21
V000007F42	-	VELOSSA (HERBICIDE)	2.5	Gallon(GAL)	17-Mar-21
V000007F39	-	VELOSSA (HERBICIDE)	2.5	Gallon(GAL)	17-Mar-21
V000007F43	-	VELOSSA (HERBICIDE)	2.5	Gallon(GAL)	17-Mar-21
V000007F3B	-	VELOSSA (HERBICIDE)	2.5	Gallon(GAL)	17-Mar-21
V000007F3C	-	VELOSSA (HERBICIDE)	2.5	Gallon(GAL)	17-Mar-21
V000007F3D	-	VELOSSA (HERBICIDE)	2.5	Gallon(GAL)	17-Mar-21
V000007F3F	-	VELOSSA (HERBICIDE)	2.5	Gallon(GAL)	17-Mar-21
V000007F41	-	VELOSSA (HERBICIDE)	2.5	Gallon(GAL)	17-Mar-21
V000007F45	-	VELOSSA (HERBICIDE)	2.5	Gallon(GAL)	17-Mar-21
V000007F4C	-	VELOSSA (HERBICIDE)	2.5	Gallon(GAL)	17-Mar-21
V000007F3E	-	VELOSSA (HERBICIDE)	2.5	Gallon(GAL)	17-Mar-21
V000007F53	-	VELOSSA (HERBICIDE)	2.5	Gallon(GAL)	17-Mar-21
V000007F34	-	VELOSSA (HERBICIDE)	2.5	Gallon(GAL)	17-Mar-21
V000007F35	-	VELOSSA (HERBICIDE)	2.5	Gallon(GAL)	17-Mar-21
V000007F36	-	VELOSSA (HERBICIDE)	2.5	Gallon(GAL)	17-Mar-21
V000007F37	-	VELOSSA (HERBICIDE)	2.5	Gallon(GAL)	17-Mar-21
V000007F38	-	VELOSSA (HERBICIDE)	2.5	Gallon(GAL)	17-Mar-21
V000007F59	-	VELOSSA (HERBICIDE)	2.5	Gallon(GAL)	17-Mar-21
V000007F58	-	VELOSSA (HERBICIDE)	2.5	Gallon(GAL)	17-Mar-21
V000007F57	-	VELOSSA (HERBICIDE)	2.5	Gallon(GAL)	17-Mar-21
V000007F56	-	VELOSSA (HERBICIDE)	2.5	Gallon(GAL)	17-Mar-21
V000007F4A	-	VELOSSA (HERBICIDE)	2.5	Gallon(GAL)	17-Mar-21
V000007F54	-	VELOSSA (HERBICIDE)	2.5	Gallon(GAL)	17-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000007F46	-	VELOSSA (HERBICIDE)	2.5	Gallon(GAL)	17-Mar-21
V000007F52	-	VELOSSA (HERBICIDE)	2.5	Gallon(GAL)	17-Mar-21
V000007F51	-	VELOSSA (HERBICIDE)	2.5	Gallon(GAL)	17-Mar-21
V000007F50	-	VELOSSA (HERBICIDE)	2.5	Gallon(GAL)	17-Mar-21
V000007F4F	-	VELOSSA (HERBICIDE)	2.5	Gallon(GAL)	17-Mar-21
V000007F4E	-	VELOSSA (HERBICIDE)	2.5	Gallon(GAL)	17-Mar-21
V000007F4D	-	VELOSSA (HERBICIDE)	2.5	Gallon(GAL)	17-Mar-21
V000007F4B	-	VELOSSA (HERBICIDE)	2.5	Gallon(GAL)	17-Mar-21
V000007F49	-	VELOSSA (HERBICIDE)	2.5	Gallon(GAL)	17-Mar-21
V000007F48	-	VELOSSA (HERBICIDE)	2.5	Gallon(GAL)	17-Mar-21
V000007F47	-	VELOSSA (HERBICIDE)	2.5	Gallon(GAL)	17-Mar-21
V000007F55	-	VELOSSA (HERBICIDE)	2.5	Gallon(GAL)	17-Mar-21
V000007F5B	-	Helena Spray Indicator XL	1	Gallon(GAL)	17-Mar-21
V000007F5A	-	Helena Spray Indicator XL	1	Gallon(GAL)	17-Mar-21
V000007F60	-	Helena Spray Indicator XL	1	Gallon(GAL)	17-Mar-21
V000007F5F	-	Helena Spray Indicator XL	1	Gallon(GAL)	17-Mar-21
V000007F5E	-	Helena Spray Indicator XL	1	Gallon(GAL)	17-Mar-21
V000007F5C	-	Helena Spray Indicator XL	1	Gallon(GAL)	17-Mar-21
V000007F5D	-	Helena Spray Indicator XL	1	Gallon(GAL)	17-Mar-21
0001543971	-	LUBRICANT SPRAY (WD-40)	8	Ounces(OZ)	17-Mar-21
0001543970	-	LUBRICANT SPRAY (WD-40)	8	Ounces(OZ)	17-Mar-21
0001640115	-	Weldmark Nozzle Gel WM731	16	Ounces(OZ)	17-Mar-21
0001640117	-	Weldmark Nozzle Gel WM731	16	Ounces(OZ)	17-Mar-21
0001640116	-	Weldmark Nozzle Gel WM731	16	Ounces(OZ)	17-Mar-21
0001640118	-	Weldmark Nozzle Gel WM731	16	Ounces(OZ)	17-Mar-21
V000007F66	-	SUPER GLUE	0.1	Ounces(OZ)	17-Mar-21
V000007F65	-	SUPER GLUE	0.1	Ounces(OZ)	17-Mar-21
V000007F64	-	SUPER GLUE	0.1	Ounces(OZ)	17-Mar-21
V000007F63	-	SUPER GLUE	0.1	Ounces(OZ)	17-Mar-21
V000007F62	-	SUPER GLUE	0.1	Ounces(OZ)	17-Mar-21
V000007F61	-	SUPER GLUE	0.1	Ounces(OZ)	17-Mar-21
V000007F67	-	HIGH TEMPERATURE SLEEVE RETAINER 36ML	6	Milliliter(ML)	17-Mar-21
V000007F6B	-	Stihl HP 2-Cycle Engine Oil	2.6	Ounces(OZ)	17-Mar-21
V000007F8F	-	Stihl HP 2-Cycle Engine Oil	2.6	Ounces(OZ)	17-Mar-21
V000007F84	-	Stihl HP 2-Cycle Engine Oil	2.6	Ounces(OZ)	17-Mar-21
V000007F85	-	Stihl HP 2-Cycle Engine Oil	2.6	Ounces(OZ)	17-Mar-21
V000007F86	-	Stihl HP 2-Cycle Engine Oil	2.6	Ounces(OZ)	17-Mar-21
V000007F87	-	Stihl HP 2-Cycle Engine Oil	2.6	Ounces(OZ)	17-Mar-21
V000007F88	-	Stihl HP 2-Cycle Engine Oil	2.6	Ounces(OZ)	17-Mar-21
V000007F89	-	Stihl HP 2-Cycle Engine Oil	2.6	Ounces(OZ)	17-Mar-21
V000007F8A	-	Stihl HP 2-Cycle Engine Oil	2.6	Ounces(OZ)	17-Mar-21
V000007F8B	-	Stihl HP 2-Cycle Engine Oil	2.6	Ounces(OZ)	17-Mar-21
V000007F8C	-	Stihl HP 2-Cycle Engine Oil	2.6	Ounces(OZ)	17-Mar-21
V000007F82	-	Stihl HP 2-Cycle Engine Oil	2.6	Ounces(OZ)	17-Mar-21
V000007F8E	-	Stihl HP 2-Cycle Engine Oil	2.6	Ounces(OZ)	17-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000007F81	-	Stihl HP 2-Cycle Engine Oil	2.6	Ounces(OZ)	17-Mar-21
V000007F90	-	Stihl HP 2-Cycle Engine Oil	2.6	Ounces(OZ)	17-Mar-21
V000007F91	-	Stihl HP 2-Cycle Engine Oil	2.6	Ounces(OZ)	17-Mar-21
V000007F92	-	Stihl HP 2-Cycle Engine Oil	2.6	Ounces(OZ)	17-Mar-21
V000007F93	-	Stihl HP 2-Cycle Engine Oil	2.6	Ounces(OZ)	17-Mar-21
V000007F94	-	Stihl HP 2-Cycle Engine Oil	2.6	Ounces(OZ)	17-Mar-21
V000007F95	-	Stihl HP 2-Cycle Engine Oil	2.6	Ounces(OZ)	17-Mar-21
V000007F96	-	Stihl HP 2-Cycle Engine Oil	2.6	Ounces(OZ)	17-Mar-21
V000007F97	-	Stihl HP 2-Cycle Engine Oil	2.6	Ounces(OZ)	17-Mar-21
V000007F6D	-	Stihl HP 2-Cycle Engine Oil	2.6	Ounces(OZ)	17-Mar-21
V000007F8D	-	Stihl HP 2-Cycle Engine Oil	2.6	Ounces(OZ)	17-Mar-21
V000007F75	-	Stihl HP 2-Cycle Engine Oil	2.6	Ounces(OZ)	17-Mar-21
V000007F68	-	Stihl HP 2-Cycle Engine Oil	2.6	Ounces(OZ)	17-Mar-21
V000007F69	-	Stihl HP 2-Cycle Engine Oil	2.6	Ounces(OZ)	17-Mar-21
V000007F6A	-	Stihl HP 2-Cycle Engine Oil	2.6	Ounces(OZ)	17-Mar-21
V000007F6C	-	Stihl HP 2-Cycle Engine Oil	2.6	Ounces(OZ)	17-Mar-21
V000007F6E	-	Stihl HP 2-Cycle Engine Oil	2.6	Ounces(OZ)	17-Mar-21
V000007F6F	-	Stihl HP 2-Cycle Engine Oil	2.6	Ounces(OZ)	17-Mar-21
V000007F70	-	Stihl HP 2-Cycle Engine Oil	2.6	Ounces(OZ)	17-Mar-21
V000007F71	-	Stihl HP 2-Cycle Engine Oil	2.6	Ounces(OZ)	17-Mar-21
V000007F72	-	Stihl HP 2-Cycle Engine Oil	2.6	Ounces(OZ)	17-Mar-21
V000007F83	-	Stihl HP 2-Cycle Engine Oil	2.6	Ounces(OZ)	17-Mar-21
V000007F74	-	Stihl HP 2-Cycle Engine Oil	2.6	Ounces(OZ)	17-Mar-21
V000007F80	-	Stihl HP 2-Cycle Engine Oil	2.6	Ounces(OZ)	17-Mar-21
V000007F76	-	Stihl HP 2-Cycle Engine Oil	2.6	Ounces(OZ)	17-Mar-21
V000007F77	-	Stihl HP 2-Cycle Engine Oil	2.6	Ounces(OZ)	17-Mar-21
V000007F78	-	Stihl HP 2-Cycle Engine Oil	2.6	Ounces(OZ)	17-Mar-21
V000007F79	-	Stihl HP 2-Cycle Engine Oil	2.6	Ounces(OZ)	17-Mar-21
V000007F7A	-	Stihl HP 2-Cycle Engine Oil	2.6	Ounces(OZ)	17-Mar-21
V000007F7B	-	Stihl HP 2-Cycle Engine Oil	2.6	Ounces(OZ)	17-Mar-21
V000007F7C	-	Stihl HP 2-Cycle Engine Oil	2.6	Ounces(OZ)	17-Mar-21
V000007F7D	-	Stihl HP 2-Cycle Engine Oil	2.6	Ounces(OZ)	17-Mar-21
V000007F7E	-	Stihl HP 2-Cycle Engine Oil	2.6	Ounces(OZ)	17-Mar-21
V000007F7F	-	Stihl HP 2-Cycle Engine Oil	2.6	Ounces(OZ)	17-Mar-21
V000007F73	-	Stihl HP 2-Cycle Engine Oil	2.6	Ounces(OZ)	17-Mar-21
0001627789	-	STIHL MOTOMIX HIgh Performance Patented Fuel	1	Gallon(GAL)	17-Mar-21
0001627790	-	STIHL MOTOMIX HIgh Performance Patented Fuel	1	Gallon(GAL)	17-Mar-21
V000007F9B	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
V000007F98	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
V000007F99	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
V000007F9C	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
V000007FC3	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
V000007F9A	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000007FB8	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
V000007FB9	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
V000007FBA	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
V000007FBB	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
V000007FBC	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
V000007FBD	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
V000007FBE	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
V000007FBF	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
V000007FC0	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
V000007FB6	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
V000007FC2	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
V000007FB5	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
V000007FC4	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
V000007FC5	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
V000007FC6	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
V000007FC7	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
V000007FC8	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
V000007FC9	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
V000007FCA	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
V000007FCB	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
V000007FCC	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
V000007FCD	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
V000007FC1	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
V000007FA9	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
V000007F9D	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
V000007F9E	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
V000007F9F	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
V000007FA0	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
V000007FA1	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
V000007FA2	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
V000007FA3	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
V000007FA4	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
V000007FA5	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
V000007FA6	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
V000007FB7	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
V000007FA8	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
V000007FCE	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
V000007FAA	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
V000007FAB	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
V000007FAC	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
V000007FAD	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
V000007FAE	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
V000007FAF	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
V000007FB0	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
V000007FB1	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000007FB2	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
V000007FB3	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
V000007FB4	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
V000007FA7	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	17-Mar-21
0001627791	-	CAT HYDO ADVANCED 10 HYDRAULIC OIL	5	Gallon(GAL)	17-Mar-21
0001613881	16858-02-9	N N N' N'-Tetrakis(2-pyridylmethyl)ethylenediamine	100	Milligram(MG)	17-Mar-21
0001613882	16858-02-9	N N N' N'-Tetrakis(2-pyridylmethyl)ethylenediamine	100	Milligram(MG)	17-Mar-21
0001613883	67-42-5	Ethylene glycol-bis(2-aminoethylether)- N N N' N'-tetraacetic acid	25	Gram(GM)	17-Mar-21
0001613884	652-22-2	Perfluoroacetophenone >98%	5	Gram(GM)	17-Mar-21
0001613885	652-22-2	Perfluoroacetophenone >98%	5	Gram(GM)	17-Mar-21
0001613886	-	1000 ug/mL Platinum	125	Milliliter(ML)	17-Mar-21
0001613887	-	10 000 ug/ml Copper	125	Milliliter(ML)	17-Mar-21
0001613888	56-81-5	SUPERase In RNase inhibitor 20 U/uL	20	Microliter	18-Mar-21
0001459781	-	NITRIC ACID BLAND STANDARD	1	Milliliter(ML)	18-Mar-21
0001613889	3296-90-0	2 2-BIS(BROMOMETHYL)-1 3-PROPANEDIOL	25	Gram(GM)	18-Mar-21
0001613890	3296-90-0	2 2-BIS(BROMOMETHYL)-1 3-PROPANEDIOL	25	Gram(GM)	18-Mar-21
0001613892	-	SKD-S2 Aerosol	10.6	Ounces(OZ)	18-Mar-21
0001613893	-	1-tert-butyl-1H-imidazole-2-thiol	2.5	Gram(GM)	18-Mar-21
0001613894	17452-19-6	1-(2 6-dimethylphenyl)-2 3-dihydro-1H-imidazole-2-thione	2.5	Gram(GM)	18-Mar-21
0001613895	144-62-7	OXALIC ACID	5	Kilograms(KG)	18-Mar-21
0001613896	144-62-7	OXALIC ACID	5	Kilograms(KG)	18-Mar-21
0001613897	-	Crystal Simple Green Industrial Cleaner & Degreaser	1	Gallon(GAL)	18-Mar-21
0001613899	-	Crystal Simple Green Industrial Cleaner & Degreaser	1	Gallon(GAL)	18-Mar-21
0001613898	-	Crystal Simple Green Industrial Cleaner & Degreaser	1	Gallon(GAL)	18-Mar-21
0001613900	-	Crystal Simple Green Industrial Cleaner & Degreaser	1	Gallon(GAL)	18-Mar-21
0001613901	-	Crystal Simple Green Industrial Cleaner & Degreaser	1	Gallon(GAL)	18-Mar-21
0001613902	-	Crystal Simple Green Industrial Cleaner & Degreaser	1	Gallon(GAL)	18-Mar-21
0001613903	7778-54-3	CALCIUM HYPOCHLORITE	250	Gram(GM)	18-Mar-21
0001613904	35054-52-5	CALCIUM NITRATE HYDRATE	50	Gram(GM)	18-Mar-21
0001613905	14187-32-7	DIBENZO-18-CROWN-6	2.5	Gram(GM)	18-Mar-21
0001613907	23978-55-4	1 4 10 13-TETRAOXA-7 16-DIAZACYCLOOCTADECANE (4 13-DIAZA-18	1	Gram(GM)	18-Mar-21
0001613906	15439-16-4	1 4 8 12-Tetraazacyclopentadecane	1	Gram(GM)	18-Mar-21
0001612695	11031-11-1	ZEOCINT 100 MG/ML IN HEPES	1	Milliliter(ML)	18-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001613891	-	Platinum nominally 50% Ruthenium nominally	5	Gram(GM)	18-Mar-21
0001613909	6863-73-6	3-Chloropyrazin-2-amine	5	Gram(GM)	18-Mar-21
0001613910	7439-91-0	Lanthanum powder 40 mesh under oil 99.9% trace rare earth metals basis	25	Gram(GM)	18-Mar-21
0001613911	107-19-7	PROPARGYL ALCOHOL	100	Milliliter(ML)	18-Mar-21
0001058632	-	Germstar CITRUS	32	Ounces(OZ)	18-Mar-21
0001058633	-	Germstar CITRUS	32	Ounces(OZ)	18-Mar-21
0001058635	-	Germstar CITRUS	32	Ounces(OZ)	18-Mar-21
0001058634	-	Germstar CITRUS	32	Ounces(OZ)	18-Mar-21
0001613912	76947-02-9	Tris(tetrabutylammonium) hydrogen pyrophosphate	25	Gram(GM)	18-Mar-21
0001613913	10045-94-0	Mercuric Nitrate Digital Titrator Cartridge 2.256 N	100	Milliliter(ML)	18-Mar-21
0001613918	10045-94-0	Mercuric Nitrate Digital Titrator Cartridge 2.256 N	100	Milliliter(ML)	18-Mar-21
0001613927	10045-94-0	Mercuric Nitrate Digital Titrator Cartridge 2.256 N	100	Milliliter(ML)	18-Mar-21
0001613926	10045-94-0	Mercuric Nitrate Digital Titrator Cartridge 2.256 N	100	Milliliter(ML)	18-Mar-21
0001613925	10045-94-0	Mercuric Nitrate Digital Titrator Cartridge 2.256 N	100	Milliliter(ML)	18-Mar-21
0001613924	10045-94-0	Mercuric Nitrate Digital Titrator Cartridge 2.256 N	100	Milliliter(ML)	18-Mar-21
0001613923	10045-94-0	Mercuric Nitrate Digital Titrator Cartridge 2.256 N	100	Milliliter(ML)	18-Mar-21
0001613922	10045-94-0	Mercuric Nitrate Digital Titrator Cartridge 2.256 N	100	Milliliter(ML)	18-Mar-21
0001613914	10045-94-0	Mercuric Nitrate Digital Titrator Cartridge 2.256 N	100	Milliliter(ML)	18-Mar-21
0001613919	10045-94-0	Mercuric Nitrate Digital Titrator Cartridge 2.256 N	100	Milliliter(ML)	18-Mar-21
0001613920	10045-94-0	Mercuric Nitrate Digital Titrator Cartridge 2.256 N	100	Milliliter(ML)	18-Mar-21
0001613917	10045-94-0	Mercuric Nitrate Digital Titrator Cartridge 2.256 N	100	Milliliter(ML)	18-Mar-21
0001613916	10045-94-0	Mercuric Nitrate Digital Titrator Cartridge 2.256 N	100	Milliliter(ML)	18-Mar-21
0001613915	10045-94-0	Mercuric Nitrate Digital Titrator Cartridge 2.256 N	100	Milliliter(ML)	18-Mar-21
0001613921	10045-94-0	Mercuric Nitrate Digital Titrator Cartridge 2.256 N	100	Milliliter(ML)	18-Mar-21
0001613928	-	DEVCON 5 MINUTE EPOXY AMBER	25	Milliliter(ML)	18-Mar-21
0001613930	-	DEVCON 5 MINUTE EPOXY AMBER	25	Milliliter(ML)	18-Mar-21
0001613932	-	DEVCON 5 MINUTE EPOXY AMBER	25	Milliliter(ML)	18-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001613933	-	DEVCON 5 MINUTE EPOXY AMBER	25	Milliliter(ML)	18-Mar-21
0001613934	-	DEVCON 5 MINUTE EPOXY AMBER	25	Milliliter(ML)	18-Mar-21
0001613935	-	DEVCON 5 MINUTE EPOXY AMBER	25	Milliliter(ML)	18-Mar-21
0001613931	-	DEVCON 5 MINUTE EPOXY AMBER	25	Milliliter(ML)	18-Mar-21
0001613929	-	DEVCON 5 MINUTE EPOXY AMBER	25	Milliliter(ML)	18-Mar-21
0001613936	7758-23-8	CALCIUM PHOSPHATE MONOBASIC	500	Gram(GM)	18-Mar-21
0001613937	-	DECAMETHYLCYCLOPENTASILOXANE	250	Milliliter(ML)	18-Mar-21
0001613939	141-78-6	ETHYL ACETATE	4	Liters(L)	18-Mar-21
0001613942	141-78-6	ETHYL ACETATE	4	Liters(L)	18-Mar-21
0001613941	141-78-6	ETHYL ACETATE	4	Liters(L)	18-Mar-21
0001613940	141-78-6	ETHYL ACETATE	4	Liters(L)	18-Mar-21
0001613943	-	Acetone (Certified ACS)	4	Liters(L)	18-Mar-21
0001613945	-	Acetone (Certified ACS)	4	Liters(L)	18-Mar-21
0001613944	-	Acetone (Certified ACS)	4	Liters(L)	18-Mar-21
0001613946	-	Acetone (Certified ACS)	4	Liters(L)	18-Mar-21
0001613947	75-78-5	DIMETHYLDICHLOROSILANE	100	Milliliter(ML)	18-Mar-21
0001613948	-	CALCIUM IODIDE	25	Gram(GM)	18-Mar-21
0001613949	92112-69-1	Hexanes for HPLC	4	Liters(L)	18-Mar-21
0001613952	92112-69-1	Hexanes for HPLC	4	Liters(L)	18-Mar-21
0001613951	92112-69-1	Hexanes for HPLC	4	Liters(L)	18-Mar-21
0001613950	92112-69-1	Hexanes for HPLC	4	Liters(L)	18-Mar-21
0001613953	7782-92-5	SODIUM AMIDE	250	Gram(GM)	18-Mar-21
0001613938	67-64-1	ACETONE	5	Gallon(GAL)	18-Mar-21
0001613954	3483-12-3	DL Dithiothreitol	5	Gram(GM)	18-Mar-21
0001613955	1455-13-6	METHYL ALCOHOL D	25	Milliliter(ML)	18-Mar-21
0001613956	-	Non Metals plasma standard solution Specpure	100	Milliliter(ML)	18-Mar-21
0001613957	-	ALUMINA SLURRY	6	Ounces(OZ)	18-Mar-21
0001613958	75-05-8	ACETONITRILE HPLC	4	Liters(L)	18-Mar-21
0001613959	75-05-8	ACETONITRILE HPLC	4	Liters(L)	18-Mar-21
0001613960	75-05-8	ACETONITRILE HPLC	4	Liters(L)	18-Mar-21
0001613961	75-05-8	ACETONITRILE HPLC	4	Liters(L)	18-Mar-21
0001613962	-	ISOPROPYL ALCOHOL 70%	4	Liters(L)	18-Mar-21
0001613963	-	ISOPROPYL ALCOHOL 70%	4	Liters(L)	18-Mar-21
0001613964	-	ISOPROPYL ALCOHOL 70%	4	Liters(L)	18-Mar-21
0001613965	-	ISOPROPYL ALCOHOL 70%	4	Liters(L)	18-Mar-21
0001613966	-	ISOPROPYL ALCOHOL 70%	4	Liters(L)	18-Mar-21
0001613967	-	ISOPROPYL ALCOHOL 70%	4	Liters(L)	18-Mar-21
0001613968	-	LOCTITE 401 INSTANT ADHESIVE PRISM	20	Gram(GM)	18-Mar-21
0001613971	-	LOCTITE 401 INSTANT ADHESIVE PRISM	20	Gram(GM)	18-Mar-21
0001613970	-	LOCTITE 401 INSTANT ADHESIVE PRISM	20	Gram(GM)	18-Mar-21
0001613969	-	LOCTITE 401 INSTANT ADHESIVE PRISM	20	Gram(GM)	18-Mar-21
0001613972	-	BUFFER SOLUTION PH 4	500	Milliliter(ML)	18-Mar-21
0001613973	83585-56-2	2-Aminomethyl-15-crown-5	1	Gram(GM)	18-Mar-21
0001613974	67-66-3	CHLOROFORM ANHYDROUS	1	Liters(L)	19-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001613975	-	Polar Column Test Mix	2	Milliliter(ML)	19-Mar-21
0001613976	-	Polar Column Test Mix	2	Milliliter(ML)	19-Mar-21
0001613977	-	Nonpolar Column Test Mix	2	Milliliter(ML)	19-Mar-21
0001613978	-	Nonpolar Column Test Mix	2	Milliliter(ML)	19-Mar-21
0001613979	590-29-4	POTASSIUM FORMATE	25	Gram(GM)	19-Mar-21
0001613980	1099-45-2	(CARBETHOXYMETHYLENE)-TRIPHENYLPHOSPHORANE	5	Gram(GM)	19-Mar-21
0001613981	3012-65-5	AMMONIUM CITRATE DIBASIC	100	Gram(GM)	19-Mar-21
0001613982	56961-30-9	2-Chloro-5-hydroxybenzoic acid	1	Gram(GM)	19-Mar-21
0001613983	515823-30-0	TETRAMETHYLAMMONIUM TRIFLUOROMETHANETHIOLATE	250	Milligram(MG)	19-Mar-21
V000007FEE	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	19-Mar-21
V000007FEB	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	19-Mar-21
V000007FF4	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	19-Mar-21
V000007FEF	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	19-Mar-21
V000007FF2	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	19-Mar-21
V000007FF1	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	19-Mar-21
V000007FF0	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	19-Mar-21
V000007FE3	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	19-Mar-21
V000007FE2	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	19-Mar-21
V000007FEC	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	19-Mar-21
V000007FF5	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	19-Mar-21
V000007FEA	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	19-Mar-21
V000007FE9	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	19-Mar-21
V000007FE8	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	19-Mar-21
V000007FE7	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	19-Mar-21
V000007FE6	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	19-Mar-21
V000007FE5	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	19-Mar-21
V000007FE4	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	19-Mar-21
V000007FED	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	19-Mar-21
V000007FDA	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	19-Mar-21
V000007FE1	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	19-Mar-21
V000007FE0	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	19-Mar-21
V000007FDF	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	19-Mar-21
V000007FDE	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	19-Mar-21
V000007FDD	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	19-Mar-21
V000007FF3	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	19-Mar-21
V000007FDB	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	19-Mar-21
V000007FD2	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	19-Mar-21
V000007FD9	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	19-Mar-21
V000007FD8	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	19-Mar-21
V000007FD7	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	19-Mar-21
V000007FD6	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	19-Mar-21
V000007FD5	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	19-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000007FD4	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	19-Mar-21
V000007FD3	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	19-Mar-21
V000007FDC	-	GE Silicone II Window and Door Sealant	10.1	Ounces(OZ)	19-Mar-21
0001613984	15679-03-5	6-Chlorophenanthridine	1	Gram(GM)	19-Mar-21
0001613985	-	PLURONIC F-127	1	Microliter	19-Mar-21
0001613986	-	PLURONIC F-127	1	Microliter	19-Mar-21
0001613987	1121-31-9	2-MERCAPTOPYRIDINE N-OXIDE	5	Gram(GM)	19-Mar-21
0001613988	1121-31-9	2-MERCAPTOPYRIDINE N-OXIDE	5	Gram(GM)	19-Mar-21
0001613908	73896-36-3	6-Methoxy-3-nitropyridin-2-amine	25	Gram(GM)	19-Mar-21
0001612703	541-41-3	ETHYL CHLOROFORMATE	100	Gram(GM)	19-Mar-21
0001613488	-	Phenolic Microballoons	0.5	Gallon(GAL)	19-Mar-21
0001613494	-	Phenolic Microballoons	0.5	Gallon(GAL)	19-Mar-21
0001613489	-	Phenolic Microballoons	0.5	Gallon(GAL)	19-Mar-21
0001613491	-	Phenolic Microballoons	0.5	Gallon(GAL)	19-Mar-21
0001613492	-	Phenolic Microballoons	0.5	Gallon(GAL)	19-Mar-21
0001613490	-	Phenolic Microballoons	0.5	Gallon(GAL)	19-Mar-21
0001613493	-	Phenolic Microballoons	0.5	Gallon(GAL)	19-Mar-21
0001613495	-	Phenolic Microballoons	0.5	Gallon(GAL)	19-Mar-21
0001613496	-	Phenolic Microballoons	0.5	Gallon(GAL)	19-Mar-21
0001613497	-	Phenolic Microballoons	0.5	Gallon(GAL)	19-Mar-21
0001613990	67-66-3	CHLOROFORM	4	Liters(L)	19-Mar-21
0001613991	67-66-3	CHLOROFORM	4	Liters(L)	19-Mar-21
0001613992	67-66-3	CHLOROFORM	4	Liters(L)	19-Mar-21
0001613993	67-66-3	CHLOROFORM	4	Liters(L)	19-Mar-21
0001613994	-	LEYBONOL LVO 100	5	Liters(L)	19-Mar-21
0001614002	586-95-8	4-PYRIDYLCARBINOL	25	Gram(GM)	19-Mar-21
0001613999	-	LEYBONOL LVO 100	5	Liters(L)	19-Mar-21
0001614001	-	LEYBONOL LVO 100	5	Liters(L)	19-Mar-21
0001613996	-	LEYBONOL LVO 100	5	Liters(L)	19-Mar-21
0001613995	-	LEYBONOL LVO 100	5	Liters(L)	19-Mar-21
0001613997	-	LEYBONOL LVO 100	5	Liters(L)	19-Mar-21
0001614000	-	LEYBONOL LVO 100	5	Liters(L)	19-Mar-21
0001614003	545-06-2	TRICHLOROACETONITRILE	100	Gram(GM)	19-Mar-21
0001613998	-	LEYBONOL LVO 100	5	Liters(L)	19-Mar-21
0001614004	769-26-6	2-Ethynyl-1 3 5-trimethylbenzene	1	Gram(GM)	19-Mar-21
0001614005	-	DNASE I	4	Milliliter(ML)	19-Mar-21
0001614006	-	ZymoBIOMICS Microbial Community Standard	10	Gram(GM)	19-Mar-21
0001658833	-	CARBON DIOXIDE 5% IN AIR	220	Cubic Feet(CF)	19-Mar-21
0001658834	-	Trimethylamine Anhydrous	100	Cubic Feet(CF)	19-Mar-21
0001614009	766-97-2	4-ETHYNYLTOLUENE	5	Gram(GM)	19-Mar-21
0001614010	7647-14-5	SODIUM CHLORIDE CERTIFIED ACS	1	Kilograms(KG)	19-Mar-21
0001540029	-	MICROBLAZE	35	Gallon(GAL)	19-Mar-21
0001543788	-	GREASE	1	Gallon(GAL)	19-Mar-21
0001543789	-	GREASE	1	Gallon(GAL)	19-Mar-21
0001543790	-	GREASE	1	Gallon(GAL)	19-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001543791	-	GREASE	1	Gallon(GAL)	19-Mar-21
0001614013	141-78-6	ETHYL ACETATE	4	Liters(L)	19-Mar-21
0001614014	141-78-6	ETHYL ACETATE	4	Liters(L)	19-Mar-21
0001614016	141-78-6	ETHYL ACETATE	4	Liters(L)	19-Mar-21
0001614015	141-78-6	ETHYL ACETATE	4	Liters(L)	19-Mar-21
0001614017	107-21-1	ETHYLENE GLYCOL	1	Liters(L)	19-Mar-21
0001614018	64-17-5	ETHANOL 200 PROOF	4	Liters(L)	19-Mar-21
0001614019	75-09-2	Methylene Chloride Optima	4	Liters(L)	19-Mar-21
0001614020	75-09-2	Methylene Chloride Optima	4	Liters(L)	19-Mar-21
0001614022	75-09-2	Methylene Chloride Optima	4	Liters(L)	19-Mar-21
0001614021	75-09-2	Methylene Chloride Optima	4	Liters(L)	19-Mar-21
0001614023	67-56-1	METHANOL REAGENT ACS	4	Liters(L)	19-Mar-21
0001614026	67-56-1	METHANOL REAGENT ACS	4	Liters(L)	19-Mar-21
0001614025	67-56-1	METHANOL REAGENT ACS	4	Liters(L)	19-Mar-21
0001614024	67-56-1	METHANOL REAGENT ACS	4	Liters(L)	19-Mar-21
0001453534	-	TUNGSTEN CARBIDE COBALT MIXTURE	14	Gram(GM)	21-Mar-21
0001641163	-	BAR AND CHAIN OIL	1	Gallon(GAL)	22-Mar-21
0001641166	-	BAR AND CHAIN OIL	1	Gallon(GAL)	22-Mar-21
0001641172	-	BAR AND CHAIN OIL	1	Gallon(GAL)	22-Mar-21
0001641164	-	BAR AND CHAIN OIL	1	Gallon(GAL)	22-Mar-21
0001641170	-	BAR AND CHAIN OIL	1	Gallon(GAL)	22-Mar-21
0001641165	-	BAR AND CHAIN OIL	1	Gallon(GAL)	22-Mar-21
0001641169	-	BAR AND CHAIN OIL	1	Gallon(GAL)	22-Mar-21
0001641167	-	BAR AND CHAIN OIL	1	Gallon(GAL)	22-Mar-21
0001641168	-	BAR AND CHAIN OIL	1	Gallon(GAL)	22-Mar-21
0001641171	-	BAR AND CHAIN OIL	1	Gallon(GAL)	22-Mar-21
0001641213	-	CP 606 Flexible Firestop Sealant	19.6	Ounces(OZ)	22-Mar-21
0001641251	-	CP 606 Flexible Firestop Sealant	19.6	Ounces(OZ)	22-Mar-21
0001641250	-	CP 606 Flexible Firestop Sealant	19.6	Ounces(OZ)	22-Mar-21
0001641252	-	CP 606 Flexible Firestop Sealant	19.6	Ounces(OZ)	22-Mar-21
0001641228	-	CP 606 Flexible Firestop Sealant	19.6	Ounces(OZ)	22-Mar-21
0001641219	-	CP 606 Flexible Firestop Sealant	19.6	Ounces(OZ)	22-Mar-21
0001641227	-	CP 606 Flexible Firestop Sealant	19.6	Ounces(OZ)	22-Mar-21
0001641226	-	CP 606 Flexible Firestop Sealant	19.6	Ounces(OZ)	22-Mar-21
0001641225	-	CP 606 Flexible Firestop Sealant	19.6	Ounces(OZ)	22-Mar-21
0001641221	-	CP 606 Flexible Firestop Sealant	19.6	Ounces(OZ)	22-Mar-21
0001641223	-	CP 606 Flexible Firestop Sealant	19.6	Ounces(OZ)	22-Mar-21
0001641222	-	CP 606 Flexible Firestop Sealant	19.6	Ounces(OZ)	22-Mar-21
0001641237	-	CP 606 Flexible Firestop Sealant	19.6	Ounces(OZ)	22-Mar-21
0001641224	-	CP 606 Flexible Firestop Sealant	19.6	Ounces(OZ)	22-Mar-21
0001641220	-	CP 606 Flexible Firestop Sealant	19.6	Ounces(OZ)	22-Mar-21
0001641238	-	CP 606 Flexible Firestop Sealant	19.6	Ounces(OZ)	22-Mar-21
0001641229	-	CP 606 Flexible Firestop Sealant	19.6	Ounces(OZ)	22-Mar-21
0001641230	-	CP 606 Flexible Firestop Sealant	19.6	Ounces(OZ)	22-Mar-21
0001641231	-	CP 606 Flexible Firestop Sealant	19.6	Ounces(OZ)	22-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001641232	-	CP 606 Flexible Firestop Sealant	19.6	Ounces(OZ)	22-Mar-21
0001641233	-	CP 606 Flexible Firestop Sealant	19.6	Ounces(OZ)	22-Mar-21
0001641234	-	CP 606 Flexible Firestop Sealant	19.6	Ounces(OZ)	22-Mar-21
0001641235	-	CP 606 Flexible Firestop Sealant	19.6	Ounces(OZ)	22-Mar-21
0001641239	-	CP 606 Flexible Firestop Sealant	19.6	Ounces(OZ)	22-Mar-21
0001641241	-	CP 606 Flexible Firestop Sealant	19.6	Ounces(OZ)	22-Mar-21
0001641249	-	CP 606 Flexible Firestop Sealant	19.6	Ounces(OZ)	22-Mar-21
0001641240	-	CP 606 Flexible Firestop Sealant	19.6	Ounces(OZ)	22-Mar-21
0001641242	-	CP 606 Flexible Firestop Sealant	19.6	Ounces(OZ)	22-Mar-21
0001641243	-	CP 606 Flexible Firestop Sealant	19.6	Ounces(OZ)	22-Mar-21
0001641244	-	CP 606 Flexible Firestop Sealant	19.6	Ounces(OZ)	22-Mar-21
0001641245	-	CP 606 Flexible Firestop Sealant	19.6	Ounces(OZ)	22-Mar-21
0001641246	-	CP 606 Flexible Firestop Sealant	19.6	Ounces(OZ)	22-Mar-21
0001641247	-	CP 606 Flexible Firestop Sealant	19.6	Ounces(OZ)	22-Mar-21
0001641248	-	CP 606 Flexible Firestop Sealant	19.6	Ounces(OZ)	22-Mar-21
0001641236	-	CP 606 Flexible Firestop Sealant	19.6	Ounces(OZ)	22-Mar-21
0001641217	-	CP 606 Flexible Firestop Sealant	19.6	Ounces(OZ)	22-Mar-21
0001641215	-	CP 606 Flexible Firestop Sealant	19.6	Ounces(OZ)	22-Mar-21
0001641218	-	CP 606 Flexible Firestop Sealant	19.6	Ounces(OZ)	22-Mar-21
0001641216	-	CP 606 Flexible Firestop Sealant	19.6	Ounces(OZ)	22-Mar-21
0001641214	-	CP 606 Flexible Firestop Sealant	19.6	Ounces(OZ)	22-Mar-21
0001641201	-	Simple Green All-Purpose Cleaner	24	Ounces(OZ)	22-Mar-21
0001641202	-	Simple Green All-Purpose Cleaner	24	Ounces(OZ)	22-Mar-21
0001641205	-	Simple Green All-Purpose Cleaner	24	Ounces(OZ)	22-Mar-21
0001641212	-	Simple Green All-Purpose Cleaner	24	Ounces(OZ)	22-Mar-21
0001641211	-	Simple Green All-Purpose Cleaner	24	Ounces(OZ)	22-Mar-21
0001641206	-	Simple Green All-Purpose Cleaner	24	Ounces(OZ)	22-Mar-21
0001641207	-	Simple Green All-Purpose Cleaner	24	Ounces(OZ)	22-Mar-21
0001641210	-	Simple Green All-Purpose Cleaner	24	Ounces(OZ)	22-Mar-21
0001641203	-	Simple Green All-Purpose Cleaner	24	Ounces(OZ)	22-Mar-21
0001641204	-	Simple Green All-Purpose Cleaner	24	Ounces(OZ)	22-Mar-21
0001641208	-	Simple Green All-Purpose Cleaner	24	Ounces(OZ)	22-Mar-21
0001641209	-	Simple Green All-Purpose Cleaner	24	Ounces(OZ)	22-Mar-21
0001641055	-	HIT-RE500	11.1	Ounces(OZ)	22-Mar-21
0001641078	-	HIT-RE500	11.1	Ounces(OZ)	22-Mar-21
0001641085	-	HIT-RE500	11.1	Ounces(OZ)	22-Mar-21
0001641084	-	HIT-RE500	11.1	Ounces(OZ)	22-Mar-21
0001641083	-	HIT-RE500	11.1	Ounces(OZ)	22-Mar-21
0001641082	-	HIT-RE500	11.1	Ounces(OZ)	22-Mar-21
0001641081	-	HIT-RE500	11.1	Ounces(OZ)	22-Mar-21
0001641075	-	HIT-RE500	11.1	Ounces(OZ)	22-Mar-21
0001641079	-	HIT-RE500	11.1	Ounces(OZ)	22-Mar-21
0001641058	-	HIT-RE500	11.1	Ounces(OZ)	22-Mar-21
0001641062	-	HIT-RE500	11.1	Ounces(OZ)	22-Mar-21
0001641077	-	HIT-RE500	11.1	Ounces(OZ)	22-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001641076	-	HIT-RE500	11.1	Ounces(OZ)	22-Mar-21
0001641073	-	HIT-RE500	11.1	Ounces(OZ)	22-Mar-21
0001641069	-	HIT-RE500	11.1	Ounces(OZ)	22-Mar-21
0001641074	-	HIT-RE500	11.1	Ounces(OZ)	22-Mar-21
0001641080	-	HIT-RE500	11.1	Ounces(OZ)	22-Mar-21
0001641056	-	HIT-RE500	11.1	Ounces(OZ)	22-Mar-21
0001641057	-	HIT-RE500	11.1	Ounces(OZ)	22-Mar-21
0001641067	-	HIT-RE500	11.1	Ounces(OZ)	22-Mar-21
0001641066	-	HIT-RE500	11.1	Ounces(OZ)	22-Mar-21
0001641071	-	HIT-RE500	11.1	Ounces(OZ)	22-Mar-21
0001641063	-	HIT-RE500	11.1	Ounces(OZ)	22-Mar-21
0001641087	-	HIT-RE500	11.1	Ounces(OZ)	22-Mar-21
0001641086	-	HIT-RE500	11.1	Ounces(OZ)	22-Mar-21
0001641065	-	HIT-RE500	11.1	Ounces(OZ)	22-Mar-21
0001641070	-	HIT-RE500	11.1	Ounces(OZ)	22-Mar-21
0001641064	-	HIT-RE500	11.1	Ounces(OZ)	22-Mar-21
0001641061	-	HIT-RE500	11.1	Ounces(OZ)	22-Mar-21
0001641060	-	HIT-RE500	11.1	Ounces(OZ)	22-Mar-21
0001641059	-	HIT-RE500	11.1	Ounces(OZ)	22-Mar-21
0001641068	-	HIT-RE500	11.1	Ounces(OZ)	22-Mar-21
0001641072	-	HIT-RE500	11.1	Ounces(OZ)	22-Mar-21
0001641112	-	LOCTITE	8	Ounces(OZ)	22-Mar-21
0001641113	-	LOCTITE	8	Ounces(OZ)	22-Mar-21
0001641116	-	LOCTITE	8	Ounces(OZ)	22-Mar-21
0001641115	-	LOCTITE	8	Ounces(OZ)	22-Mar-21
0001641114	-	LOCTITE	8	Ounces(OZ)	22-Mar-21
0001641117	-	LOCTITE	8	Ounces(OZ)	22-Mar-21
0001641173	-	FS-One Max	20	Ounces(OZ)	22-Mar-21
0001641188	-	FS-One Max	20	Ounces(OZ)	22-Mar-21
0001641189	-	FS-One Max	20	Ounces(OZ)	22-Mar-21
0001641177	-	FS-One Max	20	Ounces(OZ)	22-Mar-21
0001641176	-	FS-One Max	20	Ounces(OZ)	22-Mar-21
0001641175	-	FS-One Max	20	Ounces(OZ)	22-Mar-21
0001641192	-	FS-One Max	20	Ounces(OZ)	22-Mar-21
0001641174	-	FS-One Max	20	Ounces(OZ)	22-Mar-21
0001641179	-	FS-One Max	20	Ounces(OZ)	22-Mar-21
0001641180	-	FS-One Max	20	Ounces(OZ)	22-Mar-21
0001641191	-	FS-One Max	20	Ounces(OZ)	22-Mar-21
0001641182	-	FS-One Max	20	Ounces(OZ)	22-Mar-21
0001641197	-	FS-One Max	20	Ounces(OZ)	22-Mar-21
0001641193	-	FS-One Max	20	Ounces(OZ)	22-Mar-21
0001641187	-	FS-One Max	20	Ounces(OZ)	22-Mar-21
0001641183	-	FS-One Max	20	Ounces(OZ)	22-Mar-21
0001641184	-	FS-One Max	20	Ounces(OZ)	22-Mar-21
0001641185	-	FS-One Max	20	Ounces(OZ)	22-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001641178	-	FS-One Max	20	Ounces(OZ)	22-Mar-21
0001641181	-	FS-One Max	20	Ounces(OZ)	22-Mar-21
0001641186	-	FS-One Max	20	Ounces(OZ)	22-Mar-21
0001641190	-	FS-One Max	20	Ounces(OZ)	22-Mar-21
0001641195	-	FS-One Max	20	Ounces(OZ)	22-Mar-21
0001641196	-	FS-One Max	20	Ounces(OZ)	22-Mar-21
0001641194	-	FS-One Max	20	Ounces(OZ)	22-Mar-21
0001641049	-	WEATHERITE MASTIC WHITE (TROWEL)	1	Gallon(GAL)	22-Mar-21
0001641052	-	WEATHERITE MASTIC WHITE (TROWEL)	1	Gallon(GAL)	22-Mar-21
0001641051	-	WEATHERITE MASTIC WHITE (TROWEL)	1	Gallon(GAL)	22-Mar-21
0001641050	-	WEATHERITE MASTIC WHITE (TROWEL)	1	Gallon(GAL)	22-Mar-21
0001641088	-	LPS TAPMATIC TRIPLE E CUTTING FLUID	16	Ounces(OZ)	22-Mar-21
0001641096	-	LPS TAPMATIC TRIPLE E CUTTING FLUID	16	Ounces(OZ)	22-Mar-21
0001641099	-	LPS TAPMATIC TRIPLE E CUTTING FLUID	16	Ounces(OZ)	22-Mar-21
0001641097	-	LPS TAPMATIC TRIPLE E CUTTING FLUID	16	Ounces(OZ)	22-Mar-21
0001641095	-	LPS TAPMATIC TRIPLE E CUTTING FLUID	16	Ounces(OZ)	22-Mar-21
0001641089	-	LPS TAPMATIC TRIPLE E CUTTING FLUID	16	Ounces(OZ)	22-Mar-21
0001641090	-	LPS TAPMATIC TRIPLE E CUTTING FLUID	16	Ounces(OZ)	22-Mar-21
0001641091	-	LPS TAPMATIC TRIPLE E CUTTING FLUID	16	Ounces(OZ)	22-Mar-21
0001641092	-	LPS TAPMATIC TRIPLE E CUTTING FLUID	16	Ounces(OZ)	22-Mar-21
0001641093	-	LPS TAPMATIC TRIPLE E CUTTING FLUID	16	Ounces(OZ)	22-Mar-21
0001641094	-	LPS TAPMATIC TRIPLE E CUTTING FLUID	16	Ounces(OZ)	22-Mar-21
0001641098	-	LPS TAPMATIC TRIPLE E CUTTING FLUID	16	Ounces(OZ)	22-Mar-21
0001641100	-	KROIL	10	Ounces(OZ)	22-Mar-21
0001641104	-	KROIL	10	Ounces(OZ)	22-Mar-21
0001641110	-	KROIL	10	Ounces(OZ)	22-Mar-21
0001641109	-	KROIL	10	Ounces(OZ)	22-Mar-21
0001641107	-	KROIL	10	Ounces(OZ)	22-Mar-21
0001641102	-	KROIL	10	Ounces(OZ)	22-Mar-21
0001641108	-	KROIL	10	Ounces(OZ)	22-Mar-21
0001641106	-	KROIL	10	Ounces(OZ)	22-Mar-21
0001641101	-	KROIL	10	Ounces(OZ)	22-Mar-21
0001641111	-	KROIL	10	Ounces(OZ)	22-Mar-21
0001641103	-	KROIL	10	Ounces(OZ)	22-Mar-21
0001641105	-	KROIL	10	Ounces(OZ)	22-Mar-21
0001641025	-	#1 GOLD CUTTING FLUID	11	Ounces(OZ)	22-Mar-21
0001641034	-	#1 GOLD CUTTING FLUID	11	Ounces(OZ)	22-Mar-21
0001641038	-	#1 GOLD CUTTING FLUID	11	Ounces(OZ)	22-Mar-21
0001641029	-	#1 GOLD CUTTING FLUID	11	Ounces(OZ)	22-Mar-21
0001641032	-	#1 GOLD CUTTING FLUID	11	Ounces(OZ)	22-Mar-21
0001641031	-	#1 GOLD CUTTING FLUID	11	Ounces(OZ)	22-Mar-21
0001641035	-	#1 GOLD CUTTING FLUID	11	Ounces(OZ)	22-Mar-21
0001641036	-	#1 GOLD CUTTING FLUID	11	Ounces(OZ)	22-Mar-21
0001641037	-	#1 GOLD CUTTING FLUID	11	Ounces(OZ)	22-Mar-21
0001641033	-	#1 GOLD CUTTING FLUID	11	Ounces(OZ)	22-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001641039	-	#1 GOLD CUTTING FLUID	11	Ounces(OZ)	22-Mar-21
0001641040	-	#1 GOLD CUTTING FLUID	11	Ounces(OZ)	22-Mar-21
0001641041	-	#1 GOLD CUTTING FLUID	11	Ounces(OZ)	22-Mar-21
0001641042	-	#1 GOLD CUTTING FLUID	11	Ounces(OZ)	22-Mar-21
0001641026	-	#1 GOLD CUTTING FLUID	11	Ounces(OZ)	22-Mar-21
0001641043	-	#1 GOLD CUTTING FLUID	11	Ounces(OZ)	22-Mar-21
0001641044	-	#1 GOLD CUTTING FLUID	11	Ounces(OZ)	22-Mar-21
0001641045	-	#1 GOLD CUTTING FLUID	11	Ounces(OZ)	22-Mar-21
0001641028	-	#1 GOLD CUTTING FLUID	11	Ounces(OZ)	22-Mar-21
0001641027	-	#1 GOLD CUTTING FLUID	11	Ounces(OZ)	22-Mar-21
0001641047	-	#1 GOLD CUTTING FLUID	11	Ounces(OZ)	22-Mar-21
0001641048	-	#1 GOLD CUTTING FLUID	11	Ounces(OZ)	22-Mar-21
0001641030	-	#1 GOLD CUTTING FLUID	11	Ounces(OZ)	22-Mar-21
0001641046	-	#1 GOLD CUTTING FLUID	11	Ounces(OZ)	22-Mar-21
0001641001	-	KROIL	10	Ounces(OZ)	22-Mar-21
0001641003	-	KROIL	10	Ounces(OZ)	22-Mar-21
0001641004	-	KROIL	10	Ounces(OZ)	22-Mar-21
0001641002	-	KROIL	10	Ounces(OZ)	22-Mar-21
0001641016	-	KROIL	10	Ounces(OZ)	22-Mar-21
0001641005	-	KROIL	10	Ounces(OZ)	22-Mar-21
0001641006	-	KROIL	10	Ounces(OZ)	22-Mar-21
0001641007	-	KROIL	10	Ounces(OZ)	22-Mar-21
0001641008	-	KROIL	10	Ounces(OZ)	22-Mar-21
0001641009	-	KROIL	10	Ounces(OZ)	22-Mar-21
0001641010	-	KROIL	10	Ounces(OZ)	22-Mar-21
0001641011	-	KROIL	10	Ounces(OZ)	22-Mar-21
0001641012	-	KROIL	10	Ounces(OZ)	22-Mar-21
0001641013	-	KROIL	10	Ounces(OZ)	22-Mar-21
0001641022	-	KROIL	10	Ounces(OZ)	22-Mar-21
0001641015	-	KROIL	10	Ounces(OZ)	22-Mar-21
0001641017	-	KROIL	10	Ounces(OZ)	22-Mar-21
0001641019	-	KROIL	10	Ounces(OZ)	22-Mar-21
0001641024	-	KROIL	10	Ounces(OZ)	22-Mar-21
0001641020	-	KROIL	10	Ounces(OZ)	22-Mar-21
0001641023	-	KROIL	10	Ounces(OZ)	22-Mar-21
0001641021	-	KROIL	10	Ounces(OZ)	22-Mar-21
0001641014	-	KROIL	10	Ounces(OZ)	22-Mar-21
0001641018	-	KROIL	10	Ounces(OZ)	22-Mar-21
0001641253	-	DTE OIL LIGHT	5	Gallon(GAL)	22-Mar-21
0001641254	-	DTE OIL LIGHT	5	Gallon(GAL)	22-Mar-21
0001641255	-	DTE OIL LIGHT	5	Gallon(GAL)	22-Mar-21
0001641256	-	DTE OIL LIGHT	5	Gallon(GAL)	22-Mar-21
0001614027	7697-37-2	NITRIC ACID	500	Milliliter(ML)	22-Mar-21
0001614029	7697-37-2	NITRIC ACID	500	Milliliter(ML)	22-Mar-21
0001614028	7697-37-2	NITRIC ACID	500	Milliliter(ML)	22-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001641198	-	MOBIL SHC 629	5	Gallon(GAL)	22-Mar-21
0001614030	64-19-7	ACETIC ACID GLACIAL	4	Liters(L)	22-Mar-21
0001640261	-	HIT-RE500	11.1	Ounces(OZ)	22-Mar-21
0001614031	7722-84-1	HYDROGEN PEROXIDE 30%	500	Milliliter(ML)	22-Mar-21
0001640262	-	HIT-RE500	11.1	Ounces(OZ)	22-Mar-21
0001614032	7803-57-8	HYDRAZINE MONOHYDRATE	500	Milliliter(ML)	22-Mar-21
0001614033	105-36-2	ETHYL BROMOACETATE	100	Gram(GM)	22-Mar-21
0001614037	-	TRYPLE EXPRESS	500	Milliliter(ML)	22-Mar-21
0001661881	-	BDNPA/F	55	Gallon(GAL)	22-Mar-21
0001614038	7647-14-5	SODIUM CHLORIDE CERTIFIED ACS	1	Kilograms(KG)	22-Mar-21
0001614039	7786-30-3	MAGNESIUM CHLORIDE	100	Milliliter(ML)	22-Mar-21
0001614040	7647-01-0	HYDROCHLORIC ACID 36.5-38%	2.5	Liters(L)	22-Mar-21
0001614041	7647-01-0	HYDROCHLORIC ACID 36.5-38%	2.5	Liters(L)	22-Mar-21
0001614042	7647-01-0	HYDROCHLORIC ACID 36.5-38%	2.5	Liters(L)	22-Mar-21
0001614043	7647-01-0	HYDROCHLORIC ACID 36.5-38%	2.5	Liters(L)	22-Mar-21
0001614044	7647-01-0	HYDROCHLORIC ACID 36.5-38%	2.5	Liters(L)	22-Mar-21
0001614045	7647-01-0	HYDROCHLORIC ACID 36.5-38%	2.5	Liters(L)	22-Mar-21
0001614046	7647-01-0	HYDROCHLORIC ACID 36.5-38%	2.5	Liters(L)	22-Mar-21
0001614048	7647-01-0	HYDROCHLORIC ACID 36.5-38%	2.5	Liters(L)	22-Mar-21
0001614057	7647-01-0	HYDROCHLORIC ACID 36.5-38%	2.5	Liters(L)	22-Mar-21
0001614049	7647-01-0	HYDROCHLORIC ACID 36.5-38%	2.5	Liters(L)	22-Mar-21
0001614050	7647-01-0	HYDROCHLORIC ACID 36.5-38%	2.5	Liters(L)	22-Mar-21
0001614051	7647-01-0	HYDROCHLORIC ACID 36.5-38%	2.5	Liters(L)	22-Mar-21
0001614052	7647-01-0	HYDROCHLORIC ACID 36.5-38%	2.5	Liters(L)	22-Mar-21
0001614053	7647-01-0	HYDROCHLORIC ACID 36.5-38%	2.5	Liters(L)	22-Mar-21
0001614054	7647-01-0	HYDROCHLORIC ACID 36.5-38%	2.5	Liters(L)	22-Mar-21
0001614055	7647-01-0	HYDROCHLORIC ACID 36.5-38%	2.5	Liters(L)	22-Mar-21
0001614056	7647-01-0	HYDROCHLORIC ACID 36.5-38%	2.5	Liters(L)	22-Mar-21
0001614047	7647-01-0	HYDROCHLORIC ACID 36.5-38%	2.5	Liters(L)	22-Mar-21
0001614058	100-39-0	BENZYL BROMIDE	100	Gram(GM)	22-Mar-21
0001612704	4006-38-6	DI-I-BUTYLPHOSPHINE	5	Gram(GM)	22-Mar-21
0001612706	4006-38-6	DI-I-BUTYLPHOSPHINE	5	Gram(GM)	22-Mar-21
0001612705	4006-38-6	DI-I-BUTYLPHOSPHINE	5	Gram(GM)	22-Mar-21
0001576666	-	SULLUBE COMPRESSOR FLUID	5	Gallon(GAL)	22-Mar-21
0001576667	-	SULLAIR SULLUBE	5	Gallon(GAL)	22-Mar-21
0001576668	-	SULLAIR SULLUBE	5	Gallon(GAL)	22-Mar-21
0001614007	73870-24-3	4-(BROMOMETHYL)PYRIDINE HYDROB	25	Gram(GM)	22-Mar-21
0001614008	13255-48-6	HYDRAZINE ACETATE	25	Gram(GM)	22-Mar-21
0001614011	134-03-2	SODIUM ASCORBATE	100	Gram(GM)	22-Mar-21
0001614012	7758-99-8	COPPER(II) SULFATE PENTAHYDRATE	250	Gram(GM)	22-Mar-21
0001614059	141-78-6	ETHYL ACETATE	4	Liters(L)	22-Mar-21
0001614062	141-78-6	ETHYL ACETATE	4	Liters(L)	22-Mar-21
0001614063	141-78-6	ETHYL ACETATE	4	Liters(L)	22-Mar-21
0001614064	141-78-6	ETHYL ACETATE	4	Liters(L)	22-Mar-21
0001614060	141-78-6	ETHYL ACETATE	4	Liters(L)	22-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001614065	141-78-6	ETHYL ACETATE	4	Liters(L)	22-Mar-21
0001614066	141-78-6	ETHYL ACETATE	4	Liters(L)	22-Mar-21
0001614061	141-78-6	ETHYL ACETATE	4	Liters(L)	22-Mar-21
0001614067	75-65-0	tert-Butanol	1	Liters(L)	22-Mar-21
0001614068	108-24-7	ACETIC ANHYDRIDE	1	Kilograms(KG)	22-Mar-21
0001614069	6674-22-2	1 8-Diazabicyclo[5.4.0]undec-7-ene	100	Gram(GM)	22-Mar-21
0001614070	27607-77-8	TRIMETHYLSILYLTRIFLUOROMETHANESULFONATE	50	Gram(GM)	22-Mar-21
0001614071	13598-65-7	AMMONIUM PERRHENATE	25	Gram(GM)	22-Mar-21
0001614072	7773-06-0	AMMONIUM SULFAMATE	100	Gram(GM)	22-Mar-21
0001614073	513-02-0	Triisopropyl phosphate	100	Gram(GM)	22-Mar-21
0001614074	69011-17-2	AG MP-1M Anion Exchange Resin	500	Gram(GM)	22-Mar-21
0001614075	137174-84-6	2 3 4 5 6-Pentafluorobenzylphosphonic acid	1	Gram(GM)	22-Mar-21
0001423535	-	LUBRICANT	1	Quarts(QT)	22-Mar-21
0001423544	-	LUBRICANT	1	Quarts(QT)	22-Mar-21
0001423545	-	LUBRICANT	1	Quarts(QT)	22-Mar-21
0001423546	-	LUBRICANT	1	Quarts(QT)	22-Mar-21
0001423542	-	LUBRICANT	1	Quarts(QT)	22-Mar-21
0001423541	-	LUBRICANT	1	Quarts(QT)	22-Mar-21
0001423540	-	LUBRICANT	1	Quarts(QT)	22-Mar-21
0001423539	-	LUBRICANT	1	Quarts(QT)	22-Mar-21
0001423538	-	LUBRICANT	1	Quarts(QT)	22-Mar-21
0001423536	-	LUBRICANT	1	Quarts(QT)	22-Mar-21
0001423537	-	LUBRICANT	1	Quarts(QT)	22-Mar-21
0001423543	-	LUBRICANT	1	Quarts(QT)	22-Mar-21
0001614076	1353016-70-2	DBCO-PEG5-NHS Ester	2	Milligram(MG)	22-Mar-21
0001614077	1353016-70-2	DBCO-PEG5-NHS Ester	2	Milligram(MG)	22-Mar-21
0001614078	110-54-3	HEXANE HPLC	1	Liters(L)	22-Mar-21
0001614079	67-64-1	ACETONE	4	Liters(L)	22-Mar-21
0001614080	67-64-1	ACETONE	4	Liters(L)	22-Mar-21
0001614081	5329-14-6	SULFAMIC ACID	100	Gram(GM)	22-Mar-21
0001614082	7439-89-6	IRON	250	Gram(GM)	22-Mar-21
0001614083	67-56-1	METHANOL REAGENT ACS	4	Liters(L)	22-Mar-21
0001614084	67-56-1	METHANOL REAGENT ACS	4	Liters(L)	22-Mar-21
0001614085	67-56-1	METHANOL REAGENT ACS	4	Liters(L)	22-Mar-21
0001614086	67-56-1	METHANOL REAGENT ACS	4	Liters(L)	22-Mar-21
0001614087	-	Wire Insulation Chemical Stripper	1	Pint(PT)	22-Mar-21
0001614088	7697-37-2	NITRIC ACID	500	Milliliter(ML)	22-Mar-21
0001614089	7697-37-2	NITRIC ACID	500	Milliliter(ML)	22-Mar-21
0001614090	7697-37-2	NITRIC ACID	500	Milliliter(ML)	22-Mar-21
0001614091	64-17-5	ALCOHOL REAGENT	4	Liters(L)	22-Mar-21
0001614092	64-17-5	ALCOHOL REAGENT	4	Liters(L)	22-Mar-21
0001614093	110-54-3	Hexanes HPLC Grade	4	Liters(L)	22-Mar-21
0001614096	110-54-3	Hexanes HPLC Grade	4	Liters(L)	22-Mar-21
0001614095	110-54-3	Hexanes HPLC Grade	4	Liters(L)	22-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001614094	110-54-3	Hexanes HPLC Grade	4	Liters(L)	22-Mar-21
0001614097	5137-55-3	ALIQUAT 336	2.5	Liters(L)	22-Mar-21
0001614098	5137-55-3	ALIQUAT 336	2.5	Liters(L)	22-Mar-21
0001614099	-	Hydrochloric Acid	500	Milliliter(ML)	22-Mar-21
0001614101	-	Hydrochloric Acid	500	Milliliter(ML)	22-Mar-21
0001614100	-	Hydrochloric Acid	500	Milliliter(ML)	22-Mar-21
0001614102	92112-69-1	Hexanes for HPLC	4	Liters(L)	22-Mar-21
0001614105	92112-69-1	Hexanes for HPLC	4	Liters(L)	22-Mar-21
0001614104	92112-69-1	Hexanes for HPLC	4	Liters(L)	22-Mar-21
0001614103	92112-69-1	Hexanes for HPLC	4	Liters(L)	22-Mar-21
0001614106	934-32-7	2-AMINOBENZIMIDAZOLE	5	Gram(GM)	22-Mar-21
0001614107	-	BIND-SILANE	25	Milliliter(ML)	22-Mar-21
0001614108	295-37-4	1 4 8 11-TETRAAZACYCLOTETRADECANE	1	Gram(GM)	22-Mar-21
0001614109	3810-74-0	Endothelial cell growth supplement from bovine neural tissue	15	Milligram(MG)	22-Mar-21
0001614110	1635-61-6	5-CHLORO-2-NITROANILINE	5	Gram(GM)	22-Mar-21
0001614111	26628-22-8	Agencourt AMPure XP	60	Milliliter(ML)	22-Mar-21
0001614112	13463-41-7	Zinc Pyrithione	5	Gram(GM)	22-Mar-21
0001614113	13463-41-7	Zinc Pyrithione	5	Gram(GM)	22-Mar-21
0001614114	60-29-7	DIETHYL ETHER	1	Liters(L)	22-Mar-21
0001614115	79-20-9	METHYL ACETATE	1	Liters(L)	22-Mar-21
0001614116	7791-13-1	COBALT(II) CHLORIDE HEXAHYDRATE	500	Gram(GM)	22-Mar-21
0001614117	7791-13-1	COBALT(II) CHLORIDE HEXAHYDRATE	500	Gram(GM)	22-Mar-21
0001614118	7791-13-1	COBALT(II) CHLORIDE HEXAHYDRATE	500	Gram(GM)	22-Mar-21
0001614119	-	COPPER ANTI-SEIZE LUBRICANT	8	Ounces(OZ)	22-Mar-21
0001614120	7758-16-9	Sodium pyrophosphate dibasic	500	Gram(GM)	22-Mar-21
0001614121	7473-98-5	2-Hydroxy-2-methylpropiophenone	50	Milliliter(ML)	22-Mar-21
0001614122	71-43-2	BENZENE	1	Liters(L)	22-Mar-21
0001614034	-	BUFFER SOLUTION (BORATE) PH10	500	Milliliter(ML)	23-Mar-21
0001614035	-	BUFFER SOLUTION (BORATE) PH10	500	Milliliter(ML)	23-Mar-21
0001614036	-	Collagen Solution from human fibroblasts	20	Milliliter(ML)	23-Mar-21
0001612707	-	Ceramabind 643-1	1	Pint(PT)	23-Mar-21
0001612708	7732-18-5	HBTEC Air-Liquid Interface Differentiation Medium	500	Milliliter(ML)	23-Mar-21
0001613708	-	Oakton Electrode Storage Solution	500	Milliliter(ML)	23-Mar-21
0001614125	99-94-5	P-TOLUIC ACID	100	Gram(GM)	23-Mar-21
0001614126	762-04-9	DIETHYL PHOSPHITE	250	Gram(GM)	23-Mar-21
0001614127	762-04-9	DIETHYL PHOSPHITE	250	Gram(GM)	23-Mar-21
0001614128	7440-02-0	NICKEL FOIL	25	Gram(GM)	23-Mar-21
0001614129	7440-02-0	NICKEL FOIL	25	Gram(GM)	23-Mar-21
0001614130	-	Phenolphthalein 1% (w/v) Indicator Solution in 95% Ethanol	500	Milliliter(ML)	23-Mar-21
0001614131	-	NORLAND OPTICAL ADHESIVE 61	10	Gram(GM)	23-Mar-21
0001614132	-	NORLAND OPTICAL ADHESIVE 61	10	Gram(GM)	23-Mar-21
0001614134	-	EPOXY ADHESIVE	1	Pounds(LB)	23-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001614135	7440-48-4	COBALT POWDER	50	Gram(GM)	23-Mar-21
0001614136	7440-03-1	NIOBIUM	25	Gram(GM)	23-Mar-21
0001614137	7772-98-7	SODIUM THIOSULFATE	1	Liters(L)	23-Mar-21
0001614138	7772-98-7	SODIUM THIOSULFATE	1	Liters(L)	23-Mar-21
0001646826	-	Hydrochloric Acid	40	Milliliter(ML)	23-Mar-21
0001646827	-	Hydrochloric Acid	40	Milliliter(ML)	23-Mar-21
0001614139	-	FINISHER'S CHOICE CLEAR FLAT	13	Ounces(OZ)	23-Mar-21
0001614142	-	FINISHER'S CHOICE CLEAR FLAT	13	Ounces(OZ)	23-Mar-21
0001614141	-	FINISHER'S CHOICE CLEAR FLAT	13	Ounces(OZ)	23-Mar-21
0001614140	-	FINISHER'S CHOICE CLEAR FLAT	13	Ounces(OZ)	23-Mar-21
0001614143	126-73-8	n-Tributyl Phosphate	20	Liters(L)	23-Mar-21
0001614145	126-73-8	n-Tributyl Phosphate	20	Liters(L)	23-Mar-21
0001614144	126-73-8	n-Tributyl Phosphate	20	Liters(L)	23-Mar-21
0001614146	10025-82-8	INDIUM(III) CHLORIDE	10	Gram(GM)	23-Mar-21
0001614147	13465-09-3	INDIUM(III) BROMIDE	10	Gram(GM)	23-Mar-21
0001614148	12024-21-4	GALLIUM (III) OXIDE	10	Gram(GM)	23-Mar-21
0001614149	9087-70-1	APROTININ	10	Milligram(MG)	23-Mar-21
0001614150	-	Starch Indicator 1% (w/v) Mercury Free for Iodometric Titrations	500	Milliliter(ML)	23-Mar-21
0001614151	9012-36-6	SEAKEM LE AGAROSE	500	Gram(GM)	23-Mar-21
0001614153	13510-35-5	Indium(III) iodide ultra dry	5	Gram(GM)	23-Mar-21
0001614154	13450-91-4	GALLIUM (III) IODIDE	10	Gram(GM)	23-Mar-21
0001614155	-	SODIUM CYANATE	5	Gram(GM)	23-Mar-21
0001658835	-	Forane 407C	25	Pounds(LB)	23-Mar-21
0001658844	-	Forane 407C	25	Pounds(LB)	23-Mar-21
0001658843	-	Forane 407C	25	Pounds(LB)	23-Mar-21
0001658842	-	Forane 407C	25	Pounds(LB)	23-Mar-21
0001658841	-	Forane 407C	25	Pounds(LB)	23-Mar-21
0001658840	-	Forane 407C	25	Pounds(LB)	23-Mar-21
0001658839	-	Forane 407C	25	Pounds(LB)	23-Mar-21
0001658838	-	Forane 407C	25	Pounds(LB)	23-Mar-21
0001658837	-	Forane 407C	25	Pounds(LB)	23-Mar-21
0001658836	-	Forane 407C	25	Pounds(LB)	23-Mar-21
0001614156	50-00-0	FORMALDEHYDE	250	Milliliter(ML)	23-Mar-21
0001614157	16853-85-3	LITHIUM ALUMINUM HYDRIDE	10	Gram(GM)	23-Mar-21
0001658845	-	CARBON-13C DIOXIDE-1802	0.461	Liters(L)	23-Mar-21
0001614158	4292-19-7	1-IODODODECANE	100	Milliliter(ML)	23-Mar-21
0001658927	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	23-Mar-21
0001614159	110-82-7	CYCLOHEXANE	18	Liters(L)	23-Mar-21
0001614160	7664-93-9	SULFURIC ACID 95-98%	2.5	Liters(L)	23-Mar-21
0001614161	142-29-0	CYCLOPENTENE	500	Milliliter(ML)	23-Mar-21
0001614162	142-29-0	CYCLOPENTENE	500	Milliliter(ML)	23-Mar-21
0001658929	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	23-Mar-21
0001658938	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	23-Mar-21
0001658939	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	23-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001658940	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	23-Mar-21
0001658936	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	23-Mar-21
0001658935	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	23-Mar-21
0001658928	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	23-Mar-21
0001658931	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	23-Mar-21
0001658937	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	23-Mar-21
0001658934	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	23-Mar-21
0001658932	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	23-Mar-21
0001658930	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	23-Mar-21
0001658933	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	23-Mar-21
0001658941	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	23-Mar-21
0001658961	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	23-Mar-21
0001658952	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	23-Mar-21
0001658953	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	23-Mar-21
0001658954	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	23-Mar-21
0001658947	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	23-Mar-21
0001658960	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	23-Mar-21
0001658948	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	23-Mar-21
0001658949	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	23-Mar-21
0001658951	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	23-Mar-21
0001658958	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	23-Mar-21
0001658955	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	23-Mar-21
0001658956	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	23-Mar-21
0001658957	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	23-Mar-21
0001658950	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	23-Mar-21
0001658959	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	23-Mar-21
0001658943	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	23-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001658946	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	23-Mar-21
0001658945	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	23-Mar-21
0001658942	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	23-Mar-21
0001658944	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	23-Mar-21
0001658962	-	CARBON DIOXIDE IN NITROGEN	144	Cubic Feet(CF)	23-Mar-21
0001658963	74-98-6	PROPANE	11	Gallon(GAL)	23-Mar-21
0001658969	74-98-6	PROPANE	11	Gallon(GAL)	23-Mar-21
0001658968	74-98-6	PROPANE	11	Gallon(GAL)	23-Mar-21
0001658967	74-98-6	PROPANE	11	Gallon(GAL)	23-Mar-21
0001658966	74-98-6	PROPANE	11	Gallon(GAL)	23-Mar-21
0001658965	74-98-6	PROPANE	11	Gallon(GAL)	23-Mar-21
0001658964	74-98-6	PROPANE	11	Gallon(GAL)	23-Mar-21
0001658970	74-98-6	PROPANE	11	Gallon(GAL)	23-Mar-21
0001614163	-	ALUMICUT LUBRICANT	1	Pint(PT)	23-Mar-21
0001614164	-	ALUMICUT LUBRICANT	1	Pint(PT)	23-Mar-21
0001614165	-	ALUMICUT LUBRICANT	1	Pint(PT)	23-Mar-21
0001614166	-	ALUMICUT LUBRICANT	1	Pint(PT)	23-Mar-21
0001614167	-	ALUMICUT LUBRICANT	1	Pint(PT)	23-Mar-21
0001614168	-	ALUMICUT LUBRICANT	1	Pint(PT)	23-Mar-21
0001614169	-	ALUMICUT LUBRICANT	1	Pint(PT)	23-Mar-21
0001614170	-	ALUMICUT LUBRICANT	1	Pint(PT)	23-Mar-21
0001614171	-	ALUMICUT LUBRICANT	1	Pint(PT)	23-Mar-21
0001614172	-	ALUMICUT LUBRICANT	1	Pint(PT)	23-Mar-21
0001614173	-	ALUMICUT LUBRICANT	1	Pint(PT)	23-Mar-21
0001614174	-	ALUMICUT LUBRICANT	1	Pint(PT)	23-Mar-21
0001614175	145013-05-4	N N'-Di-Boc-thiourea	25	Gram(GM)	23-Mar-21
0001614176	-	CUSTOM ASSURANCE STANDARD	100	Milliliter(ML)	23-Mar-21
0001614177	54-21-7	SODIUM SALICYLATE	500	Gram(GM)	23-Mar-21
0001614178	108-88-3	TOLUENE	4	Liters(L)	23-Mar-21
0001614181	108-88-3	TOLUENE	4	Liters(L)	23-Mar-21
0001614180	108-88-3	TOLUENE	4	Liters(L)	23-Mar-21
0001614179	108-88-3	TOLUENE	4	Liters(L)	23-Mar-21
0001614182	60-29-7	DIETHYL ETHER	5	Liters(L)	23-Mar-21
0001614183	60-29-7	DIETHYL ETHER	5	Liters(L)	23-Mar-21
0001614184	60-29-7	DIETHYL ETHER	5	Liters(L)	23-Mar-21
0001614185	60-29-7	DIETHYL ETHER	5	Liters(L)	23-Mar-21
0001614186	109-99-9	TETRAHYDROFURAN	4	Liters(L)	23-Mar-21
0001614187	109-99-9	TETRAHYDROFURAN	4	Liters(L)	23-Mar-21
0001614188	109-99-9	TETRAHYDROFURAN	4	Liters(L)	23-Mar-21
0001614189	109-99-9	TETRAHYDROFURAN	4	Liters(L)	23-Mar-21
0001614190	110-86-1	PYRIDINE	2.5	Liters(L)	23-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001614191	111-92-2	DIBUTYLAMINE	100	Milliliter(ML)	23-Mar-21
0001614192	110-86-1	Pyridine anhydrous	1	Liters(L)	23-Mar-21
0001614193	108-46-3	RESORCINOL	100	Gram(GM)	23-Mar-21
0001458468	-	Aquatak (Drying Agent)	50	Gram(GM)	23-Mar-21
0001614194	108-46-3	RESORCINOL	100	Gram(GM)	23-Mar-21
0001458469	-	Aquatak (Drying Agent)	50	Gram(GM)	23-Mar-21
0001614195	501-53-1	BENZYL CHLOROCARBONATE	100	Gram(GM)	23-Mar-21
0001614196	7681-11-0	POTASSIUM IODIDE	1	Liters(L)	23-Mar-21
0001614197	-	METHYL ORANGE 0.01%	500	Milliliter(ML)	23-Mar-21
0001614199	7647-14-5	SODIUM CHLORIDE	25	Gram(GM)	23-Mar-21
0001614200	13755-38-9	SODIUM NITROPRUSSIDE DIHYDRATE	25	Gram(GM)	23-Mar-21
0001614201	25316-40-9	DOXORUBICIN HYDROCHLORIDE	10	Milligram(MG)	23-Mar-21
0001658846	-	Oxygen Argon	220	Cubic Feet(CF)	23-Mar-21
0001658848	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	23-Mar-21
0001658847	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Mar-21
0001658882	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Mar-21
0001658881	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Mar-21
0001658880	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Mar-21
0001658878	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Mar-21
0001658876	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Mar-21
0001658875	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Mar-21
0001658874	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Mar-21
0001658873	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Mar-21
0001658883	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Mar-21
0001658871	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Mar-21
0001658879	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Mar-21
0001658870	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Mar-21
0001658869	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Mar-21
0001658868	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Mar-21
0001658867	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Mar-21
0001658866	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Mar-21
0001658865	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Mar-21
0001658864	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Mar-21
0001658863	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Mar-21
0001658862	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Mar-21
0001658861	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Mar-21
0001658872	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Mar-21
0001658853	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Mar-21
0001658849	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Mar-21
0001658850	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Mar-21
0001658851	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Mar-21
0001658877	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Mar-21
0001658852	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Mar-21
0001658884	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Mar-21
0001658854	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001658855	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Mar-21
0001658856	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Mar-21
0001658857	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Mar-21
0001658858	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Mar-21
0001658859	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Mar-21
0001658885	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Mar-21
0001658886	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Mar-21
0001658887	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Mar-21
0001658888	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Mar-21
0001658860	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Mar-21
0001658889	-	ARGON GAS	220	Cubic Feet(CF)	23-Mar-21
0001658899	-	ARGON GAS	220	Cubic Feet(CF)	23-Mar-21
0001658909	-	ARGON GAS	220	Cubic Feet(CF)	23-Mar-21
0001658908	-	ARGON GAS	220	Cubic Feet(CF)	23-Mar-21
0001658907	-	ARGON GAS	220	Cubic Feet(CF)	23-Mar-21
0001658906	-	ARGON GAS	220	Cubic Feet(CF)	23-Mar-21
0001658905	-	ARGON GAS	220	Cubic Feet(CF)	23-Mar-21
0001658904	-	ARGON GAS	220	Cubic Feet(CF)	23-Mar-21
0001658903	-	ARGON GAS	220	Cubic Feet(CF)	23-Mar-21
0001658902	-	ARGON GAS	220	Cubic Feet(CF)	23-Mar-21
0001658895	-	ARGON GAS	220	Cubic Feet(CF)	23-Mar-21
0001658900	-	ARGON GAS	220	Cubic Feet(CF)	23-Mar-21
0001658898	-	ARGON GAS	220	Cubic Feet(CF)	23-Mar-21
0001658897	-	ARGON GAS	220	Cubic Feet(CF)	23-Mar-21
0001658896	-	ARGON GAS	220	Cubic Feet(CF)	23-Mar-21
0001658890	-	ARGON GAS	220	Cubic Feet(CF)	23-Mar-21
0001658894	-	ARGON GAS	220	Cubic Feet(CF)	23-Mar-21
0001658891	-	ARGON GAS	220	Cubic Feet(CF)	23-Mar-21
0001658892	-	ARGON GAS	220	Cubic Feet(CF)	23-Mar-21
0001658893	-	ARGON GAS	220	Cubic Feet(CF)	23-Mar-21
0001658910	-	ARGON GAS	220	Cubic Feet(CF)	23-Mar-21
0001658901	-	ARGON GAS	220	Cubic Feet(CF)	23-Mar-21
0001658911	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Mar-21
0001658918	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Mar-21
0001658919	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Mar-21
0001658917	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Mar-21
0001658916	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Mar-21
0001658912	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Mar-21
0001658914	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Mar-21
0001658913	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Mar-21
0001658920	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Mar-21
0001658915	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	23-Mar-21
0001658921	-	Compressed Air	220	Cubic Feet(CF)	23-Mar-21
0001658925	-	Compressed Air	220	Cubic Feet(CF)	23-Mar-21
0001658924	-	Compressed Air	220	Cubic Feet(CF)	23-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001658923	-	Compressed Air	220	Cubic Feet(CF)	23-Mar-21
0001658922	-	Compressed Air	220	Cubic Feet(CF)	23-Mar-21
0001658926	-	Compressed Air	220	Cubic Feet(CF)	23-Mar-21
0001458428	65997-17-3	GLASS FIBERS	1	Pounds(LB)	23-Mar-21
0001458432	-	Expedition Fuel Tablets (Hexamine Solid Camping Fuel)	6	Ounces(OZ)	23-Mar-21
0001614202	-	UTEVA RESIN	200	Gram(GM)	23-Mar-21
0001614203	7440-55-3	GALLIUM METAL 99.99%	500	Gram(GM)	23-Mar-21
0001614211	7440-55-3	GALLIUM METAL 99.99%	500	Gram(GM)	23-Mar-21
0001614205	7440-55-3	GALLIUM METAL 99.99%	500	Gram(GM)	23-Mar-21
0001614206	7440-55-3	GALLIUM METAL 99.99%	500	Gram(GM)	23-Mar-21
0001614207	7440-55-3	GALLIUM METAL 99.99%	500	Gram(GM)	23-Mar-21
0001614208	7440-55-3	GALLIUM METAL 99.99%	500	Gram(GM)	23-Mar-21
0001614209	7440-55-3	GALLIUM METAL 99.99%	500	Gram(GM)	23-Mar-21
0001614210	7440-55-3	GALLIUM METAL 99.99%	500	Gram(GM)	23-Mar-21
0001614213	7440-55-3	GALLIUM METAL 99.99%	500	Gram(GM)	23-Mar-21
0001614214	7440-55-3	GALLIUM METAL 99.99%	500	Gram(GM)	23-Mar-21
0001614212	7440-55-3	GALLIUM METAL 99.99%	500	Gram(GM)	23-Mar-21
0001614215	7440-55-3	GALLIUM METAL 99.99%	500	Gram(GM)	23-Mar-21
0001614204	7440-55-3	GALLIUM METAL 99.99%	500	Gram(GM)	23-Mar-21
0001614216	7440-55-3	GALLIUM METAL 99.99%	500	Gram(GM)	23-Mar-21
0001614217	7681-52-9	Clorox Concentrated Germicidal Bleach	121	Ounces(OZ)	23-Mar-21
0001614219	7681-52-9	Clorox Concentrated Germicidal Bleach	121	Ounces(OZ)	23-Mar-21
0001614218	7681-52-9	Clorox Concentrated Germicidal Bleach	121	Ounces(OZ)	23-Mar-21
0001614220	374-41-4	3 3 4 4 4-Pentafluorobutan-2-one 95%	1	Gram(GM)	23-Mar-21
0001614221	-	Platinum on activated carbon	50	Gram(GM)	23-Mar-21
0001614222	7727-21-1	POTASSIUM PERSULFATE	100	Gram(GM)	23-Mar-21
0001614223	110-82-7	CYCLOHEXANE	18	Liters(L)	23-Mar-21
0001614224	307-35-7	Perfluoro-1-octanesulfonyl fluoride	25	Gram(GM)	23-Mar-21
0001614225	75980-60-8	Diphenyl(2 4 6-trimethylbenzoyl)phosphine oxide	50	Gram(GM)	23-Mar-21
0001614227	1305-62-0	CALCIUM HYDROXIDE	12	Kilograms(KG)	23-Mar-21
0001614228	1305-62-0	CALCIUM HYDROXIDE	12	Kilograms(KG)	23-Mar-21
0001614229	-	D2020 Nafion Dispersion	25	Milliliter(ML)	23-Mar-21
0001614230	-	Nafion PFSA 5% Dispersions D520	125	Milliliter(ML)	23-Mar-21
0001614232	1336-21-6	ammonium hydroxide	500	Milliliter(ML)	23-Mar-21
0001614233	1336-21-6	ammonium hydroxide	500	Milliliter(ML)	23-Mar-21
0001614234	1336-21-6	ammonium hydroxide	500	Milliliter(ML)	23-Mar-21
0001614235	1336-21-6	ammonium hydroxide	500	Milliliter(ML)	23-Mar-21
0001614236	109-99-9	TETRAHYDROFURAN	2500	Milliliter(ML)	23-Mar-21
0001614237	543-20-4	SUCCINYL CHLORIDE	50	Gram(GM)	23-Mar-21
0001614238	-	VACUUM PUMP OIL 19	4	Liters(L)	23-Mar-21
0001614239	-	VACUUM PUMP OIL 19	4	Liters(L)	23-Mar-21
0001614240	-	VACUUM PUMP OIL 19	4	Liters(L)	23-Mar-21
0001614241	-	VACUUM PUMP OIL 19	4	Liters(L)	23-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001614242	110-54-3	N-HEXANE	4	Liters(L)	23-Mar-21
0001614244	110-54-3	N-HEXANE	4	Liters(L)	23-Mar-21
0001614243	110-54-3	N-HEXANE	4	Liters(L)	23-Mar-21
0001614245	110-54-3	N-HEXANE	4	Liters(L)	23-Mar-21
0001614246	-	1 4-Diaminobutane 99%	25	Gram(GM)	23-Mar-21
0001614247	-	Borane-tetrahydrofuran complex 1M solution in THF stabilized	800	Milliliter(ML)	23-Mar-21
0001614248	-	Borane-tetrahydrofuran complex 1M solution in THF stabilized	800	Milliliter(ML)	23-Mar-21
0001614226	18462-64-1	TDBC sodium salt	100	Milligram(MG)	23-Mar-21
0001614152	-	LOCTITE 3D IND402 A70 HR BK 1KG	1	Kilograms(KG)	23-Mar-21
0001614198	865-49-6	CHLOROFORM-D 99.8+ ATOM% D	100	Gram(GM)	24-Mar-21
0001614249	-	3M Fluorinert Electronic Liquid FC-770	44	Pounds(LB)	24-Mar-21
0001614250	67-63-0	2-PROPANOL	4	Liters(L)	24-Mar-21
0001614251	67-63-0	2-PROPANOL	4	Liters(L)	24-Mar-21
0001614253	67-63-0	2-PROPANOL	4	Liters(L)	24-Mar-21
0001614252	67-63-0	2-PROPANOL	4	Liters(L)	24-Mar-21
0001614254	109-99-9	TETRAHYDROFURAN	5	Liters(L)	24-Mar-21
0001614256	109-99-9	TETRAHYDROFURAN	5	Liters(L)	24-Mar-21
0001614257	109-99-9	TETRAHYDROFURAN	5	Liters(L)	24-Mar-21
0001614255	109-99-9	TETRAHYDROFURAN	5	Liters(L)	24-Mar-21
0001614258	75-09-2	DICHLOROMETHANE	4	Liters(L)	24-Mar-21
0001614259	75-09-2	DICHLOROMETHANE	4	Liters(L)	24-Mar-21
0001614260	75-09-2	DICHLOROMETHANE	4	Liters(L)	24-Mar-21
0001614261	75-09-2	DICHLOROMETHANE	4	Liters(L)	24-Mar-21
0001614262	67-63-0	2-PROPONAL	4	Liters(L)	24-Mar-21
0001614263	67-63-0	2-PROPONAL	4	Liters(L)	24-Mar-21
0001614133	933-20-0	4 6-Dichloro-1 3 5-triazin-2-amine	25	Gram(GM)	24-Mar-21
0001614265	-	Krytox VPF 16256	0.5	Kilograms(KG)	24-Mar-21
0001614266	98026-79-0	3-Bromo-1H-pyrrole-2 5-dione	1	Gram(GM)	24-Mar-21
0001614267	1321-74-0	DIVINYLBENZENE	250	Milliliter(ML)	24-Mar-21
0001614268	7718-54-9	NICKEL(II) CHLORIDE	5	Gram(GM)	24-Mar-21
0001614269	7705-08-0	IRON(III) CHLORIDE	1	Gram(GM)	24-Mar-21
0001614270	145224-94-8	MES FREE ACID MONOHYDRATE	1	Kilograms(KG)	24-Mar-21
0001614271	67-64-1	ACETONE	1	Liters(L)	24-Mar-21
0001614272	67-64-1	ACETONE	1	Liters(L)	24-Mar-21
0001614273	79-34-5	1 1 2 2-TETRACHLOROETHANE	1	Liters(L)	24-Mar-21
0001614274	67-68-5	DIMETHYL SULFOXIDE	50	Milliliter(ML)	24-Mar-21
0001614275	-	REN-WELD 103 RESIN US	1	Gallon(GAL)	24-Mar-21
0001614276	7697-37-2	NITRIC ACID 65%	2.5	Liters(L)	24-Mar-21
0001614277	7697-37-2	NITRIC ACID 65%	2.5	Liters(L)	24-Mar-21
0001614278	7697-37-2	NITRIC ACID 65%	2.5	Liters(L)	24-Mar-21
0001614279	-	ULTIMA GOLD	5	Liters(L)	24-Mar-21
0001614283	-	ULTIMA GOLD	5	Liters(L)	24-Mar-21
0001614280	-	ULTIMA GOLD	5	Liters(L)	24-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001614281	-	ULTIMA GOLD	5	Liters(L)	24-Mar-21
0001614284	-	ULTIMA GOLD	5	Liters(L)	24-Mar-21
0001614282	-	ULTIMA GOLD	5	Liters(L)	24-Mar-21
0001614285	7440-05-3	PALLADIUM	100	Gram(GM)	24-Mar-21
0001614286	10025-73-7	CHROMIUM(III) CHLORIDE SUBLIMED ANHYDROUS	5	Gram(GM)	24-Mar-21
0001614287	1016-05-3	DIBENZOTHIOPHENE SULFONE	5	Gram(GM)	24-Mar-21
0001614288	7758-02-3	POTASSIUM BROMIDE	10	Gram(GM)	24-Mar-21
0001614289	7664-93-9	SULFURIC ACID SOLUTION 0.02N	1	Liters(L)	24-Mar-21
0001614296	7664-93-9	SULFURIC ACID SOLUTION 0.02N	1	Liters(L)	24-Mar-21
0001614294	7664-93-9	SULFURIC ACID SOLUTION 0.02N	1	Liters(L)	24-Mar-21
0001614295	7664-93-9	SULFURIC ACID SOLUTION 0.02N	1	Liters(L)	24-Mar-21
0001614293	7664-93-9	SULFURIC ACID SOLUTION 0.02N	1	Liters(L)	24-Mar-21
0001614292	7664-93-9	SULFURIC ACID SOLUTION 0.02N	1	Liters(L)	24-Mar-21
0001614291	7664-93-9	SULFURIC ACID SOLUTION 0.02N	1	Liters(L)	24-Mar-21
0001614290	7664-93-9	SULFURIC ACID SOLUTION 0.02N	1	Liters(L)	24-Mar-21
0001614264	7727-21-1	POTASSIUM PERSULFATE	5	Kilograms(KG)	25-Mar-21
0001614297	9003-70-7	Bio-Beads SM-2 Adsorbent Media	100	Gram(GM)	25-Mar-21
0001614298	7718-54-9	NICKEL(II) CHLORIDE	5	Gram(GM)	25-Mar-21
0001614299	13462-90-3	NICKEL(II) IODIDE	5	Gram(GM)	25-Mar-21
0001614300	13462-88-9	NICKEL(II) BROMIDE	50	Gram(GM)	25-Mar-21
0001614301	4039-32-1	LITHIUM BIS(TRIMETHYLSILYL)AMIDE	10	Gram(GM)	25-Mar-21
0001614302	1795-31-9	Tris(trimethylsilyl) phosphite	25	Milliliter(ML)	25-Mar-21
0001614303	-	PCC-54 Concentrate	3	Liters(L)	25-Mar-21
0001614304	497-19-8	SODIUM CARBONATE	5	Kilograms(KG)	25-Mar-21
0001614309	497-19-8	SODIUM CARBONATE	5	Kilograms(KG)	25-Mar-21
0001614310	497-19-8	SODIUM CARBONATE	5	Kilograms(KG)	25-Mar-21
0001614311	497-19-8	SODIUM CARBONATE	5	Kilograms(KG)	25-Mar-21
0001614308	497-19-8	SODIUM CARBONATE	5	Kilograms(KG)	25-Mar-21
0001614307	497-19-8	SODIUM CARBONATE	5	Kilograms(KG)	25-Mar-21
0001614306	497-19-8	SODIUM CARBONATE	5	Kilograms(KG)	25-Mar-21
0001614305	497-19-8	SODIUM CARBONATE	5	Kilograms(KG)	25-Mar-21
0001614312	-	Sustainion XA9 ionomer solution	0.06	Pounds(LB)	25-Mar-21
0001614313	-	Sustainion XB-7 Alkaline Ionomer 5% in alcohol	0.06	Pounds(LB)	25-Mar-21
0001614314	-	Sustainion XC-1 Alkaline Ionomer 5% in alcohol	0.06	Pounds(LB)	25-Mar-21
0001614315	-	Sustainion XC-2 Alkaline Ionomer 5% in alcohol	0.06	Pounds(LB)	25-Mar-21
0001614316	-	Sustainion X37 polymer	0.3	Pounds(LB)	25-Mar-21
0001659709	-	Clorox Total 360	128	Ounces(OZ)	25-Mar-21
0001659719	-	Clorox Total 360	128	Ounces(OZ)	25-Mar-21
0001659716	-	Clorox Total 360	128	Ounces(OZ)	25-Mar-21
0001659722	-	Clorox Total 360	128	Ounces(OZ)	25-Mar-21
0001659720	-	Clorox Total 360	128	Ounces(OZ)	25-Mar-21
0001659721	-	Clorox Total 360	128	Ounces(OZ)	25-Mar-21
0001659717	-	Clorox Total 360	128	Ounces(OZ)	25-Mar-21
0001659715	-	Clorox Total 360	128	Ounces(OZ)	25-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001659714	-	Clorox Total 360	128	Ounces(OZ)	25-Mar-21
0001659713	-	Clorox Total 360	128	Ounces(OZ)	25-Mar-21
0001659712	-	Clorox Total 360	128	Ounces(OZ)	25-Mar-21
0001659711	-	Clorox Total 360	128	Ounces(OZ)	25-Mar-21
0001659710	-	Clorox Total 360	128	Ounces(OZ)	25-Mar-21
0001659718	-	Clorox Total 360	128	Ounces(OZ)	25-Mar-21
0001614317	-	NITRAVER X NITROGEN REAGENT SET	100	Milliliter(ML)	25-Mar-21
0001614329	1336-21-6	AMMONIUM HYDROXIDE 28-30%	2.5	Liters(L)	25-Mar-21
0001614330	1336-21-6	AMMONIUM HYDROXIDE 28-30%	2.5	Liters(L)	25-Mar-21
0001614331	7732-18-5	WATER	4	Liters(L)	25-Mar-21
0001614333	7732-18-5	WATER	4	Liters(L)	25-Mar-21
0001614334	7732-18-5	WATER	4	Liters(L)	25-Mar-21
0001614332	7732-18-5	WATER	4	Liters(L)	25-Mar-21
0001614335	-	PolyScience Polycool EG-25	1	Gallon(GAL)	25-Mar-21
0001614347	-	LEYBONOL LVO 100	5	Liters(L)	25-Mar-21
0001614348	-	LEYBONOL LVO 100	5	Liters(L)	25-Mar-21
0001614349	-	LEYBONOL LVO 100	5	Liters(L)	25-Mar-21
0001614350	-	Hydrochloric acid 36% w/w aq. soln.	1	Liters(L)	25-Mar-21
0001614353	-	Hydrochloric acid 36% w/w aq. soln.	1	Liters(L)	25-Mar-21
0001614354	-	Hydrochloric acid 36% w/w aq. soln.	1	Liters(L)	25-Mar-21
0001614352	-	Hydrochloric acid 36% w/w aq. soln.	1	Liters(L)	25-Mar-21
0001614351	-	Hydrochloric acid 36% w/w aq. soln.	1	Liters(L)	25-Mar-21
0001614355	108-24-7	ACETIC ANHYDRIDE	2500	Gram(GM)	25-Mar-21
0001614358	108-24-7	ACETIC ANHYDRIDE	2500	Gram(GM)	25-Mar-21
0001614356	108-24-7	ACETIC ANHYDRIDE	2500	Gram(GM)	25-Mar-21
0001614357	108-24-7	ACETIC ANHYDRIDE	2500	Gram(GM)	25-Mar-21
0001614359	108-24-7	ACETIC ANHYDRIDE	2500	Gram(GM)	25-Mar-21
0001614360	75-05-8	ACETONITRILE ANHYDROUS	1	Liters(L)	25-Mar-21
0001614361	10035-10-6	Hydrobromic Acid (OPTIMA)	500	Milliliter(ML)	25-Mar-21
0001614363	10035-10-6	Hydrobromic Acid (OPTIMA)	500	Milliliter(ML)	25-Mar-21
0001614362	10035-10-6	Hydrobromic Acid (OPTIMA)	500	Milliliter(ML)	25-Mar-21
0001614364	7440-19-9	SAMARIUM	10	Gram(GM)	25-Mar-21
0001614365	598-21-0	BROMOACETYL BROMIDE	100	Gram(GM)	25-Mar-21
0001614366	24964-91-8	TRIS(4-BROMOPHENYL)AMINIUM HEXACHLORO-ANTIMONATE	5	Gram(GM)	25-Mar-21
0001627792	-	Service Pro Premium AW Hydraulic Oil AW 32 AW 46 AW 68 AW 100	5	Gallon(GAL)	25-Mar-21
0001627794	-	Service Pro Premium AW Hydraulic Oil AW 32 AW 46 AW 68 AW 100	5	Gallon(GAL)	25-Mar-21
0001627795	-	Service Pro Premium AW Hydraulic Oil AW 32 AW 46 AW 68 AW 100	5	Gallon(GAL)	25-Mar-21
0001627796	-	Service Pro Premium AW Hydraulic Oil AW 32 AW 46 AW 68 AW 100	5	Gallon(GAL)	25-Mar-21
0001627797	-	Service Pro Premium AW Hydraulic Oil AW 32 AW 46 AW 68 AW 100	5	Gallon(GAL)	25-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001627793	-	Service Pro Premium AW Hydraulic Oil AW 32 AW 46 AW 68 AW 100	5	Gallon(GAL)	25-Mar-21
0001627798	-	Prime Guard -50 RV & Marine Antifreeze	1	Gallon(GAL)	25-Mar-21
0001627799	-	Prime Guard -50 RV & Marine Antifreeze	1	Gallon(GAL)	25-Mar-21
0001614368	-	UTEVA Resin; UTEVA Resin Cartridges; UTEVA Resin 10 13 or 15 mL 50-100(Micro)/PreFilter Resin 3 mL 100-150(Micro)	50	Gram(GM)	25-Mar-21
0001614369	75-09-2	DICHLOROMETHANE	4	Liters(L)	25-Mar-21
0001614370	75-09-2	DICHLOROMETHANE	4	Liters(L)	25-Mar-21
0001614371	75-09-2	DICHLOROMETHANE	4	Liters(L)	25-Mar-21
0001614372	999-97-3	1 1 1 3 3 3-HEXAMETHYLDISILAZANE	500	Milliliter(ML)	25-Mar-21
0001614373	791-31-1	TRIPHENYLSILANOL	25	Gram(GM)	25-Mar-21
0001614374	1024-99-3	5-Iodouridine	1	Gram(GM)	25-Mar-21
0001614375	683-08-9	DIETHYL METHYLPHOSPHONATE	25	Gram(GM)	25-Mar-21
0001614376	5390-04-5	4-PENTYN-1-OL	25	Gram(GM)	25-Mar-21
0001614377	67-64-1	ACETONE	4	Liters(L)	25-Mar-21
0001614382	67-64-1	ACETONE	4	Liters(L)	25-Mar-21
0001614381	67-64-1	ACETONE	4	Liters(L)	25-Mar-21
0001614380	67-64-1	ACETONE	4	Liters(L)	25-Mar-21
0001614378	67-64-1	ACETONE	4	Liters(L)	25-Mar-21
0001614384	67-64-1	ACETONE	4	Liters(L)	25-Mar-21
0001614379	67-64-1	ACETONE	4	Liters(L)	25-Mar-21
0001614383	67-64-1	ACETONE	4	Liters(L)	25-Mar-21
0001614385	75-09-2	DICHLOROMETHANE	1	Liters(L)	25-Mar-21
0001614386	12125-02-9	AMMONIUM CHLORIDE	1	Kilograms(KG)	25-Mar-21
0001614399	12125-02-9	AMMONIUM CHLORIDE	1	Kilograms(KG)	25-Mar-21
0001614392	12125-02-9	AMMONIUM CHLORIDE	1	Kilograms(KG)	25-Mar-21
0001614391	12125-02-9	AMMONIUM CHLORIDE	1	Kilograms(KG)	25-Mar-21
0001614394	12125-02-9	AMMONIUM CHLORIDE	1	Kilograms(KG)	25-Mar-21
0001614395	12125-02-9	AMMONIUM CHLORIDE	1	Kilograms(KG)	25-Mar-21
0001614389	12125-02-9	AMMONIUM CHLORIDE	1	Kilograms(KG)	25-Mar-21
0001614398	12125-02-9	AMMONIUM CHLORIDE	1	Kilograms(KG)	25-Mar-21
0001614393	12125-02-9	AMMONIUM CHLORIDE	1	Kilograms(KG)	25-Mar-21
0001614397	12125-02-9	AMMONIUM CHLORIDE	1	Kilograms(KG)	25-Mar-21
0001614400	12125-02-9	AMMONIUM CHLORIDE	1	Kilograms(KG)	25-Mar-21
0001614396	12125-02-9	AMMONIUM CHLORIDE	1	Kilograms(KG)	25-Mar-21
0001614387	12125-02-9	AMMONIUM CHLORIDE	1	Kilograms(KG)	25-Mar-21
0001614388	12125-02-9	AMMONIUM CHLORIDE	1	Kilograms(KG)	25-Mar-21
0001614390	12125-02-9	AMMONIUM CHLORIDE	1	Kilograms(KG)	25-Mar-21
0001614401	-	DMEM high glucose L-glutamine sodium pyruvate no phenol red	500	Milliliter(ML)	25-Mar-21
0001614412	-	DMEM high glucose L-glutamine sodium pyruvate no phenol red	500	Milliliter(ML)	25-Mar-21
0001614403	-	DMEM high glucose L-glutamine sodium pyruvate no phenol red	500	Milliliter(ML)	25-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001614404	-	DMEM high glucose L-glutamine sodium pyruvate no phenol red	500	Milliliter(ML)	25-Mar-21
0001614402	-	DMEM high glucose L-glutamine sodium pyruvate no phenol red	500	Milliliter(ML)	25-Mar-21
0001614405	-	DMEM high glucose L-glutamine sodium pyruvate no phenol red	500	Milliliter(ML)	25-Mar-21
0001614406	-	DMEM high glucose L-glutamine sodium pyruvate no phenol red	500	Milliliter(ML)	25-Mar-21
0001614407	-	DMEM high glucose L-glutamine sodium pyruvate no phenol red	500	Milliliter(ML)	25-Mar-21
0001614408	-	DMEM high glucose L-glutamine sodium pyruvate no phenol red	500	Milliliter(ML)	25-Mar-21
0001614409	-	DMEM high glucose L-glutamine sodium pyruvate no phenol red	500	Milliliter(ML)	25-Mar-21
0001614410	-	DMEM high glucose L-glutamine sodium pyruvate no phenol red	500	Milliliter(ML)	25-Mar-21
0001614411	-	DMEM high glucose L-glutamine sodium pyruvate no phenol red	500	Milliliter(ML)	25-Mar-21
0001614413	-	MOBIL DTE OIL LIGHT	55	Gallon(GAL)	25-Mar-21
0001614415	1066-35-9	DIMETHYLCHLOROSILANE	250	Gram(GM)	25-Mar-21
0001533576	-	CONDUCTIVE CARBON PAINT	21	Milliliter(ML)	29-Mar-21
0001533574	-	CONDUCTIVE CARBON PAINT	21	Milliliter(ML)	29-Mar-21
0001453535	-	CONDUCTIVE CARBON PAINT	30	Gram(GM)	29-Mar-21
0001453537	-	CONDUCTIVE CARBON PAINT	30	Gram(GM)	29-Mar-21
0001453538	27816-23-5	PELCO SampleBond Adhesive	20	Milliliter(ML)	29-Mar-21
0001453539	27816-23-5	PELCO SampleBond Adhesive	20	Milliliter(ML)	29-Mar-21
0001611692	-	Methyllithium solution	800	Milliliter(ML)	29-Mar-21
0001614414	-	APIEZON Q COMPOUND	1	Kilograms(KG)	29-Mar-21
0001614416	-	DOW CORNING 700 INDUSTRIAL GRADE SILICONE SEALANT - CLEAR	300	Milliliter(ML)	29-Mar-21
0001614417	-	DOW CORNING 700 INDUSTRIAL GRADE SILICONE SEALANT - CLEAR	300	Milliliter(ML)	29-Mar-21
0001614418	-	LOCTITE 401	3	Gram(GM)	29-Mar-21
0001614421	-	LOCTITE 401	3	Gram(GM)	29-Mar-21
0001614420	-	LOCTITE 401	3	Gram(GM)	29-Mar-21
0001614419	-	LOCTITE 401	3	Gram(GM)	29-Mar-21
0001614422	-	LOCTITE 401	3	Gram(GM)	29-Mar-21
0001614423	693-13-0	DIC	500	Milliliter(ML)	29-Mar-21
0001614424	330645-87-9	HCTU	100	Gram(GM)	29-Mar-21
0001614425	123333-53-9	HOBt hydrate	100	Gram(GM)	29-Mar-21
0001614426	25952-53-8	1-(3-DIMETHYLAMINOPROPYL)-3-ETHYLCARBODIIMIDE HYDROCHLORIDE	250	Gram(GM)	29-Mar-21
0001614427	-	VEROGRAY RGD850	1	Kilograms(KG)	29-Mar-21
0001614428	-	VEROGRAY RGD850	1	Kilograms(KG)	29-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001614429	102691-36-1	2-CYANOETHYL N N N' N'-TETRAISOPROPYLPHOSPHORODIAMIDITE	1	Gram(GM)	29-Mar-21
0001614430	102691-36-1	2-CYANOETHYL N N N' N'-TETRAISOPROPYLPHOSPHORODIAMIDITE	1	Gram(GM)	29-Mar-21
0001614431	102691-36-1	2-CYANOETHYL N N N' N'-TETRAISOPROPYLPHOSPHORODIAMIDITE	1	Gram(GM)	29-Mar-21
0001614432	2206-27-1	DIMETHYL SULFOXIDE-D6	50	Gram(GM)	29-Mar-21
0001614433	110-54-3	HEXANE HPLC	1	Liters(L)	29-Mar-21
0001614434	110-54-3	HEXANE HPLC	1	Liters(L)	29-Mar-21
0001614435	67-56-1	METHANOL ANHYDROUS	2	Liters(L)	29-Mar-21
0001614436	67-64-1	ACETONE	2.5	Liters(L)	29-Mar-21
0001614437	12027-06-4	AMMONIUM IODIDE	25	Gram(GM)	29-Mar-21
0001614438	12027-06-4	AMMONIUM IODIDE	25	Gram(GM)	29-Mar-21
0001614439	12027-06-4	AMMONIUM IODIDE	25	Gram(GM)	29-Mar-21
0001614440	-	1000 ug/ml Bromide	125	Milliliter(ML)	29-Mar-21
0001614441	-	1000 ug/ml Iodide	125	Milliliter(ML)	29-Mar-21
0001614442	7697-37-2	2008CAL-2	500	Milliliter(ML)	29-Mar-21
0001614443	18162-48-6	tert-Butylchlorodimethylsilane 98%	100	Gram(GM)	29-Mar-21
0001614444	-	Cyanine3 carboxylic acid	50	Milligram(MG)	29-Mar-21
0001599359	-	COLLOIDAL SILICA POLISHING SUSPENSION	950	Milliliter(ML)	29-Mar-21
0001639758	-	COLLOIDAL SILICA POLISHING SUSPENSION	950	Milliliter(ML)	29-Mar-21
0001453540	-	Pelco SampleBond Cyanoacrylate Glue	20	Milliliter(ML)	29-Mar-21
0001453541	-	Pelco SampleBond Cyanoacrylate Glue	20	Milliliter(ML)	29-Mar-21
0001453548	1344-28-1	ALUMINUM OXIDE [COLLOIDAL ALUMINA SOL]	75	Milliliter(ML)	29-Mar-21
0001453551	-	ABRASIVE BORON CARBIDE	8	Milliliter(ML)	29-Mar-21
0001453549	-	Crystalbond 509	100	Gram(GM)	29-Mar-21
0001453542	141-78-6	ETHYL ACETATE	12.3	Milliliter(ML)	29-Mar-21
0001453547	141-78-6	ETHYL ACETATE	12.3	Milliliter(ML)	29-Mar-21
0001453546	141-78-6	ETHYL ACETATE	12.3	Milliliter(ML)	29-Mar-21
0001453544	141-78-6	ETHYL ACETATE	12.3	Milliliter(ML)	29-Mar-21
0001453543	141-78-6	ETHYL ACETATE	12.3	Milliliter(ML)	29-Mar-21
0001453550	-	GLUE STICKS CRYSTAL BOND	243	Gram(GM)	29-Mar-21
0001627879	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	29-Mar-21
0001627905	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	29-Mar-21
0001627888	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	29-Mar-21
0001627907	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	29-Mar-21
0001627897	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	29-Mar-21
0001627896	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	29-Mar-21
0001627895	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	29-Mar-21
0001627894	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	29-Mar-21
0001627893	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	29-Mar-21
0001627892	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	29-Mar-21
0001627891	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	29-Mar-21
0001627899	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	29-Mar-21
0001627889	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	29-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001627900	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	29-Mar-21
0001627887	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	29-Mar-21
0001627886	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	29-Mar-21
0001627885	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	29-Mar-21
0001627884	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	29-Mar-21
0001627883	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	29-Mar-21
0001627882	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	29-Mar-21
0001627881	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	29-Mar-21
0001627880	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	29-Mar-21
0001627890	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	29-Mar-21
0001627913	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	29-Mar-21
0001627922	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	29-Mar-21
0001627921	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	29-Mar-21
0001627920	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	29-Mar-21
0001627919	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	29-Mar-21
0001627918	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	29-Mar-21
0001627917	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	29-Mar-21
0001627916	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	29-Mar-21
0001627898	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	29-Mar-21
0001627914	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	29-Mar-21
0001627923	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	29-Mar-21
0001627912	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	29-Mar-21
0001627911	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	29-Mar-21
0001627910	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	29-Mar-21
0001627909	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	29-Mar-21
0001627908	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	29-Mar-21
0001627906	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	29-Mar-21
0001627904	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	29-Mar-21
0001627903	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	29-Mar-21
0001627902	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	29-Mar-21
0001627901	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	29-Mar-21
0001627915	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	29-Mar-21
0001627816	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627821	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627860	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627872	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627846	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627847	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627848	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627850	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627852	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627853	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627854	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627855	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627856	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001627857	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627844	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627859	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627843	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627861	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627862	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627863	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627864	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627865	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627866	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627867	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627868	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627869	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627870	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627871	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627858	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627831	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627823	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627817	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627818	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627819	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627820	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627822	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627824	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627825	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627826	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627827	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627828	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627845	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627830	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627851	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627832	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627833	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627834	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627835	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627836	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627837	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627838	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627839	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627840	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627841	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627842	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627829	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21
0001627849	-	Blue Def	2.5	Gallon(GAL)	29-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001627924	-	O'Reilly Auto Parts Dex-Cool Compatible Extended Life Concentrate Antifreeze and Coolant	1	Gallon(GAL)	29-Mar-21
0001627925	-	O'Reilly Auto Parts Dex-Cool Compatible Extended Life Concentrate Antifreeze and Coolant	1	Gallon(GAL)	29-Mar-21
0001627926	-	3M General Purpose Adhesive Cleaner PN 08984 08986	1	Quarts(QT)	29-Mar-21
0001627927	-	3M General Purpose Adhesive Cleaner PN 08987	15	Ounces(OZ)	29-Mar-21
0001577979	-	3M HIGH STRENGTH 90	17.6	Ounces(OZ)	29-Mar-21
V000007FFB	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	29-Mar-21
V000007FFA	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	29-Mar-21
V000007FFC	-	Avalon Premium 100% Acrylic Interior Flat W/B	1	Gallon(GAL)	29-Mar-21
V000007FFF	-	Avalon Premium 100% Acrylic Interior Flat W/B	1	Gallon(GAL)	29-Mar-21
V000007FFE	-	Avalon Premium 100% Acrylic Interior Flat W/B	1	Gallon(GAL)	29-Mar-21
V000007FFD	-	Avalon Premium 100% Acrylic Interior Flat W/B	1	Gallon(GAL)	29-Mar-21
0001578408	-	rust-oleum stops rust gloss protective enamel	12	Ounces(OZ)	29-Mar-21
0001578415	-	rust-oleum stops rust gloss protective enamel	12	Ounces(OZ)	29-Mar-21
0001578411	-	rust-oleum stops rust gloss protective enamel	12	Ounces(OZ)	29-Mar-21
0001578410	-	rust-oleum stops rust gloss protective enamel	12	Ounces(OZ)	29-Mar-21
0001578409	-	rust-oleum stops rust gloss protective enamel	12	Ounces(OZ)	29-Mar-21
0001578412	-	rust-oleum stops rust gloss protective enamel	12	Ounces(OZ)	29-Mar-21
0001578413	-	rust-oleum stops rust gloss protective enamel	12	Ounces(OZ)	29-Mar-21
0001578414	-	rust-oleum stops rust gloss protective enamel	12	Ounces(OZ)	29-Mar-21
0001578416	-	PSX 700 CURE	0.2	Gallon(GAL)	29-Mar-21
0001578418	-	PSX 700 CURE	0.2	Gallon(GAL)	29-Mar-21
0001578422	-	PSX 700 CURE	0.2	Gallon(GAL)	29-Mar-21
0001578421	-	PSX 700 CURE	0.2	Gallon(GAL)	29-Mar-21
0001578420	-	PSX 700 CURE	0.2	Gallon(GAL)	29-Mar-21
0001578419	-	PSX 700 CURE	0.2	Gallon(GAL)	29-Mar-21
0001578417	-	PSX 700 CURE	0.2	Gallon(GAL)	29-Mar-21
0001578423	-	PSX 700 CURE	0.2	Gallon(GAL)	29-Mar-21
0001578424	-	PSX 700 CURE	0.2	Gallon(GAL)	29-Mar-21
0001578425	-	PSX 700 CURE	0.2	Gallon(GAL)	29-Mar-21
0001578436	-	XIM Primer White 400	1	Gallon(GAL)	29-Mar-21
0001578439	-	XIM Primer White 400	1	Gallon(GAL)	29-Mar-21
0001578459	-	XIM Primer White 400	1	Gallon(GAL)	29-Mar-21
0001578441	-	XIM Primer White 400	1	Gallon(GAL)	29-Mar-21
0001578438	-	XIM Primer White 400	1	Gallon(GAL)	29-Mar-21
0001578440	-	XIM Primer White 400	1	Gallon(GAL)	29-Mar-21
0001578460	-	XIM Primer White 400	1	Gallon(GAL)	29-Mar-21
0001578448	-	XIM Primer White 400	1	Gallon(GAL)	29-Mar-21
0001578442	-	XIM Primer White 400	1	Gallon(GAL)	29-Mar-21
0001578443	-	XIM Primer White 400	1	Gallon(GAL)	29-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001578444	-	XIM Primer White 400	1	Gallon(GAL)	29-Mar-21
0001578445	-	XIM Primer White 400	1	Gallon(GAL)	29-Mar-21
0001578437	-	XIM Primer White 400	1	Gallon(GAL)	29-Mar-21
0001578447	-	XIM Primer White 400	1	Gallon(GAL)	29-Mar-21
0001578458	-	XIM Primer White 400	1	Gallon(GAL)	29-Mar-21
0001578449	-	XIM Primer White 400	1	Gallon(GAL)	29-Mar-21
0001578450	-	XIM Primer White 400	1	Gallon(GAL)	29-Mar-21
0001578451	-	XIM Primer White 400	1	Gallon(GAL)	29-Mar-21
0001578452	-	XIM Primer White 400	1	Gallon(GAL)	29-Mar-21
0001578453	-	XIM Primer White 400	1	Gallon(GAL)	29-Mar-21
0001578456	-	XIM Primer White 400	1	Gallon(GAL)	29-Mar-21
0001578446	-	XIM Primer White 400	1	Gallon(GAL)	29-Mar-21
0001578454	-	XIM Primer White 400	1	Gallon(GAL)	29-Mar-21
0001578455	-	XIM Primer White 400	1	Gallon(GAL)	29-Mar-21
0001578457	-	XIM Primer White 400	1	Gallon(GAL)	29-Mar-21
0001578426	-	PSX 700 PART A(RESIN)	1	Gallon(GAL)	29-Mar-21
0001578428	-	PSX 700 PART A(RESIN)	1	Gallon(GAL)	29-Mar-21
0001578427	-	PSX 700 PART A(RESIN)	1	Gallon(GAL)	29-Mar-21
0001578431	-	PSX 700 PART A(RESIN)	1	Gallon(GAL)	29-Mar-21
0001578430	-	PSX 700 PART A(RESIN)	1	Gallon(GAL)	29-Mar-21
0001578429	-	PSX 700 PART A(RESIN)	1	Gallon(GAL)	29-Mar-21
0001578461	-	DURABAK 18 PROTECTIVE COATING	1	Gallon(GAL)	29-Mar-21
0001578465	-	DURABAK 18 PROTECTIVE COATING	1	Gallon(GAL)	29-Mar-21
0001578464	-	DURABAK 18 PROTECTIVE COATING	1	Gallon(GAL)	29-Mar-21
0001578463	-	DURABAK 18 PROTECTIVE COATING	1	Gallon(GAL)	29-Mar-21
0001578462	-	DURABAK 18 PROTECTIVE COATING	1	Gallon(GAL)	29-Mar-21
0001578467	-	DURABAK 18 PROTECTIVE COATING	1	Gallon(GAL)	29-Mar-21
0001578468	-	DURABAK 18 PROTECTIVE COATING	1	Gallon(GAL)	29-Mar-21
0001578466	-	DURABAK 18 PROTECTIVE COATING	1	Gallon(GAL)	29-Mar-21
0001614341	-	PolyScience Polycool EG-25	1	Gallon(GAL)	29-Mar-21
0001614340	-	PolyScience Polycool EG-25	1	Gallon(GAL)	29-Mar-21
0001614339	-	PolyScience Polycool EG-25	1	Gallon(GAL)	29-Mar-21
0001614338	-	PolyScience Polycool EG-25	1	Gallon(GAL)	29-Mar-21
0001614337	-	PolyScience Polycool EG-25	1	Gallon(GAL)	29-Mar-21
0001614342	-	PolyScience Polycool EG-25	1	Gallon(GAL)	29-Mar-21
0001614343	-	PolyScience Polycool EG-25	1	Gallon(GAL)	29-Mar-21
0001614344	-	PolyScience Polycool EG-25	1	Gallon(GAL)	29-Mar-21
0001614346	-	PolyScience Polycool EG-25	1	Gallon(GAL)	29-Mar-21
0001614336	-	PolyScience Polycool EG-25	1	Gallon(GAL)	29-Mar-21
0001614345	-	PolyScience Polycool EG-25	1	Gallon(GAL)	29-Mar-21
0001614324	-	NITRAVER X NITROGEN REAGENT SET	100	Milliliter(ML)	29-Mar-21
0001614326	-	NITRAVER X NITROGEN REAGENT SET	100	Milliliter(ML)	29-Mar-21
0001614327	-	NITRAVER X NITROGEN REAGENT SET	100	Milliliter(ML)	29-Mar-21
0001614325	-	NITRAVER X NITROGEN REAGENT SET	100	Milliliter(ML)	29-Mar-21
0001614328	-	NITRAVER X NITROGEN REAGENT SET	100	Milliliter(ML)	29-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001614322	-	NITRAVER X NITROGEN REAGENT SET	100	Milliliter(ML)	29-Mar-21
0001614320	-	NITRAVER X NITROGEN REAGENT SET	100	Milliliter(ML)	29-Mar-21
0001614318	-	NITRAVER X NITROGEN REAGENT SET	100	Milliliter(ML)	29-Mar-21
0001614321	-	NITRAVER X NITROGEN REAGENT SET	100	Milliliter(ML)	29-Mar-21
0001614319	-	NITRAVER X NITROGEN REAGENT SET	100	Milliliter(ML)	29-Mar-21
0001614323	-	NITRAVER X NITROGEN REAGENT SET	100	Milliliter(ML)	29-Mar-21
0001614367	-	BUFFER SOLUTION (BORATE) PH10	500	Milliliter(ML)	29-Mar-21
0001612035	-	ULTIMA GOLD AB	1	Liters(L)	29-Mar-21
0001614445	7439-95-4	MAGNESIUM RIBBON	25	Gram(GM)	29-Mar-21
0001614446	10517-21-2	5-Chloroindole-2-carboxylic acid	1	Gram(GM)	29-Mar-21
0001614447	73-31-4	MELATONIN	1	Gram(GM)	29-Mar-21
0001614448	96-33-3	Methyl acrylate	250	Milliliter(ML)	29-Mar-21
0001614449	7751-38-4	Dichlorodiisopropylsilane	5	Milliliter(ML)	29-Mar-21
0001614450	407-25-0	TRIFLUOROACETIC ANHYDRIDE	500	Gram(GM)	29-Mar-21
0001614451	11032-79-4	a-bungarotoxin Alexa Fluor 647 conjugate	500	MicroGram(UGM)	29-Mar-21
0001614452	10102-71-3	Aluminum Sodium Sulfate	500	Gram(GM)	29-Mar-21
0001614453	7631-86-9	Silica gel 60 (0.040-0.063 mm)	1	Kilograms(KG)	29-Mar-21
0001614454	83-34-1	3-Methylindole	5	Gram(GM)	29-Mar-21
0001614455	24390-14-5	DOXYCYCLINE HYCLATE	5	Gram(GM)	29-Mar-21
0001614456	1455-13-6	METHYL ALCOHOL D	25	Milliliter(ML)	29-Mar-21
0001614460	1455-13-6	METHYL ALCOHOL D	25	Milliliter(ML)	29-Mar-21
0001614459	1455-13-6	METHYL ALCOHOL D	25	Milliliter(ML)	29-Mar-21
0001614461	1455-13-6	METHYL ALCOHOL D	25	Milliliter(ML)	29-Mar-21
0001614457	1455-13-6	METHYL ALCOHOL D	25	Milliliter(ML)	29-Mar-21
0001614462	1455-13-6	METHYL ALCOHOL D	25	Milliliter(ML)	29-Mar-21
0001614458	1455-13-6	METHYL ALCOHOL D	25	Milliliter(ML)	29-Mar-21
0001614463	67-66-3	CHLOROFORM	1	Liters(L)	29-Mar-21
0001614464	1665-00-5	DICHLOROMETHANE D2	1	Milliliter(ML)	30-Mar-21
0001614465	1665-00-5	DICHLOROMETHANE D2	1	Milliliter(ML)	30-Mar-21
0001614466	14104-20-2	SILVER TETRAFLUOROBORATE	10	Gram(GM)	30-Mar-21
0001614467	-	TRYPSIN-EDTA	100	Milliliter(ML)	30-Mar-21
0001614468	865-49-6	CHLOROFORM-D 99.8+ ATOM% D	10	Milliliter(ML)	30-Mar-21
0001614469	865-49-6	CHLOROFORM-D 99.8+ ATOM% D	10	Milliliter(ML)	30-Mar-21
0001614470	144-55-8	SODIUM BICARBONATE	500	Gram(GM)	30-Mar-21
0001614471	87081-58-1	Sodium bicarbonate 13C	5	Gram(GM)	30-Mar-21
0001614472	52431-30-8	2 5-Dibromo-3 4-dinitrothiophene	5	Gram(GM)	30-Mar-21
0001614473	112926-00-8	SILICA - GEL	500	Gram(GM)	30-Mar-21
0001614474	-	Diamond Powder GMM 10-20	200	Gram(GM)	30-Mar-21
0001614475	-	Diamond Powder GMM 10-20	200	Gram(GM)	30-Mar-21
0001614476	7782-40-3	Diamond Powder	200	Gram(GM)	30-Mar-21
0001614477	7782-40-3	Diamond Powder	200	Gram(GM)	30-Mar-21
0001614478	355-17-9	METHYL HEPTAFLUOROPROPYL KETONE	5	Gram(GM)	30-Mar-21
0001614479	92-85-3	THIANTHRENE	25	Gram(GM)	30-Mar-21
0001614480	26042-63-7	SILVER HEXAFLUOROPHOSPHATE	10	Gram(GM)	30-Mar-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001590970	-	Ethyl alcohol Denatured 190 Proof	4	Gallon(GAL)	30-Mar-21
0001590976	-	Ethyl alcohol Denatured 190 Proof	4	Gallon(GAL)	30-Mar-21
0001590975	-	Ethyl alcohol Denatured 190 Proof	4	Gallon(GAL)	30-Mar-21
0001590974	-	Ethyl alcohol Denatured 190 Proof	4	Gallon(GAL)	30-Mar-21
0001590973	-	Ethyl alcohol Denatured 190 Proof	4	Gallon(GAL)	30-Mar-21
0001590972	-	Ethyl alcohol Denatured 190 Proof	4	Gallon(GAL)	30-Mar-21
0001590971	-	Ethyl alcohol Denatured 190 Proof	4	Gallon(GAL)	30-Mar-21
0001590977	-	Ethyl alcohol Denatured 190 Proof	4	Gallon(GAL)	30-Mar-21
0001423547	-	Polywater J Winter Grade Lubricant	0.95	Liters(L)	30-Mar-21
0001423549	-	Polywater J Winter Grade Lubricant	0.95	Liters(L)	30-Mar-21
0001423550	-	Polywater J Winter Grade Lubricant	0.95	Liters(L)	30-Mar-21
0001423551	-	Polywater J Winter Grade Lubricant	0.95	Liters(L)	30-Mar-21
0001423553	-	Polywater J Winter Grade Lubricant	0.95	Liters(L)	30-Mar-21
0001423554	-	Polywater J Winter Grade Lubricant	0.95	Liters(L)	30-Mar-21
0001423555	-	Polywater J Winter Grade Lubricant	0.95	Liters(L)	30-Mar-21
0001423556	-	Polywater J Winter Grade Lubricant	0.95	Liters(L)	30-Mar-21
0001423557	-	Polywater J Winter Grade Lubricant	0.95	Liters(L)	30-Mar-21
0001423558	-	Polywater J Winter Grade Lubricant	0.95	Liters(L)	30-Mar-21
0001423548	-	Polywater J Winter Grade Lubricant	0.95	Liters(L)	30-Mar-21
0001423552	-	Polywater J Winter Grade Lubricant	0.95	Liters(L)	30-Mar-21
0001590998	-	Nitrite 1000 ug/ml in H2O	500	Milliliter(ML)	31-Mar-21
0001590999	-	Nitrite 1000 ug/ml in H2O	500	Milliliter(ML)	31-Mar-21
0001613507	110-91-8	MORPHOLINE	500	Gram(GM)	31-Mar-21
0001612709	-	Acetate Solution	50	Milliliter(ML)	31-Mar-21
0001614629	-	Mineral Oil	55	Gallon(GAL)	31-Mar-21
0001591000	-	SULFATE 1000 UG/ML in H2O	500	Milliliter(ML)	31-Mar-21
0001591001	-	Oxalate 1000 ug/ml in H2O	500	Milliliter(ML)	31-Mar-21
0001591002	-	IC Standard	500	Milliliter(ML)	31-Mar-21
0001591003	-	1000 ug/ml Nitrate	500	Milliliter(ML)	31-Mar-21
0001591004	-	1000 ug/ml Nitrate	500	Milliliter(ML)	31-Mar-21
0001591005	-	1000 ug/ml Sulfate	500	Milliliter(ML)	31-Mar-21
0001591006	-	1000 ug/ml Oxalate	500	Milliliter(ML)	31-Mar-21
0001591007	-	1000 ug/ml Ammonium	500	Milliliter(ML)	31-Mar-21
0001423742	-	INTERIOR SPRAY ENAMEL	12	Ounces(OZ)	01-Apr-21
0001423743	-	INTERIOR SPRAY ENAMEL	12	Ounces(OZ)	01-Apr-21
0001659093	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	01-Apr-21
0001659016	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	01-Apr-21
0001659021	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	01-Apr-21
0001659013	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	01-Apr-21
0001659014	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	01-Apr-21
0001659022	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	01-Apr-21
0001659017	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	01-Apr-21
0001659020	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	01-Apr-21
0001659010	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	01-Apr-21
0001659015	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	01-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001659011	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	01-Apr-21
0001659012	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	01-Apr-21
0001659019	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	01-Apr-21
0001659018	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	01-Apr-21
0001659023	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	01-Apr-21
0001658999	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	01-Apr-21
0001659000	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	01-Apr-21
0001658998	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	01-Apr-21
0001658997	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	01-Apr-21
0001659005	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	01-Apr-21
0001659007	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	01-Apr-21
0001659003	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	01-Apr-21
0001659008	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	01-Apr-21
0001659009	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	01-Apr-21
0001659006	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	01-Apr-21
0001659004	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	01-Apr-21
0001659002	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	01-Apr-21
0001660807	-	DENATURED ALCOHOL	1	Gallon(GAL)	01-Apr-21
0001660808	-	DENATURED ALCOHOL	1	Gallon(GAL)	01-Apr-21
0001660810	-	DENATURED ALCOHOL	1	Gallon(GAL)	01-Apr-21
0001660811	-	DENATURED ALCOHOL	1	Gallon(GAL)	01-Apr-21
0001660812	-	DENATURED ALCOHOL	1	Gallon(GAL)	01-Apr-21
0001660809	-	DENATURED ALCOHOL	1	Gallon(GAL)	01-Apr-21
0001658971	-	R-410A	25	Pounds(LB)	01-Apr-21
0001658972	-	R-410A	25	Pounds(LB)	01-Apr-21
0001658973	-	R-410A	25	Pounds(LB)	01-Apr-21
0001658974	-	R-410A	25	Pounds(LB)	01-Apr-21
0001658975	-	ARGON GAS	220	Cubic Feet(CF)	01-Apr-21
0001658983	-	ARGON GAS	220	Cubic Feet(CF)	01-Apr-21
0001658982	-	ARGON GAS	220	Cubic Feet(CF)	01-Apr-21
0001658986	-	ARGON GAS	220	Cubic Feet(CF)	01-Apr-21
0001658984	-	ARGON GAS	220	Cubic Feet(CF)	01-Apr-21
0001658987	-	ARGON GAS	220	Cubic Feet(CF)	01-Apr-21
0001658981	-	ARGON GAS	220	Cubic Feet(CF)	01-Apr-21
0001658988	-	ARGON GAS	220	Cubic Feet(CF)	01-Apr-21
0001658989	-	ARGON GAS	220	Cubic Feet(CF)	01-Apr-21
0001658979	-	ARGON GAS	220	Cubic Feet(CF)	01-Apr-21
0001658980	-	ARGON GAS	220	Cubic Feet(CF)	01-Apr-21
0001658977	-	ARGON GAS	220	Cubic Feet(CF)	01-Apr-21
0001658985	-	ARGON GAS	220	Cubic Feet(CF)	01-Apr-21
0001658976	-	ARGON GAS	220	Cubic Feet(CF)	01-Apr-21
0001658978	-	ARGON GAS	220	Cubic Feet(CF)	01-Apr-21
0001660759	-	KRYLON Fusion Gloss Black	12	Ounces(OZ)	01-Apr-21
0001658990	-	Compressed Air	220	Cubic Feet(CF)	01-Apr-21
0001660761	-	KRYLON Fusion Gloss Black	12	Ounces(OZ)	01-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001660760	-	KRYLON Fusion Gloss Black	12	Ounces(OZ)	01-Apr-21
0001660772	-	KRYLON Fusion Gloss Black	12	Ounces(OZ)	01-Apr-21
0001660782	-	KRYLON Fusion Gloss Black	12	Ounces(OZ)	01-Apr-21
0001660781	-	KRYLON Fusion Gloss Black	12	Ounces(OZ)	01-Apr-21
0001660780	-	KRYLON Fusion Gloss Black	12	Ounces(OZ)	01-Apr-21
0001660779	-	KRYLON Fusion Gloss Black	12	Ounces(OZ)	01-Apr-21
0001660778	-	KRYLON Fusion Gloss Black	12	Ounces(OZ)	01-Apr-21
0001660777	-	KRYLON Fusion Gloss Black	12	Ounces(OZ)	01-Apr-21
0001660776	-	KRYLON Fusion Gloss Black	12	Ounces(OZ)	01-Apr-21
0001660775	-	KRYLON Fusion Gloss Black	12	Ounces(OZ)	01-Apr-21
0001660774	-	KRYLON Fusion Gloss Black	12	Ounces(OZ)	01-Apr-21
0001660762	-	KRYLON Fusion Gloss Black	12	Ounces(OZ)	01-Apr-21
0001660773	-	KRYLON Fusion Gloss Black	12	Ounces(OZ)	01-Apr-21
0001660763	-	KRYLON Fusion Gloss Black	12	Ounces(OZ)	01-Apr-21
0001660771	-	KRYLON Fusion Gloss Black	12	Ounces(OZ)	01-Apr-21
0001660770	-	KRYLON Fusion Gloss Black	12	Ounces(OZ)	01-Apr-21
0001660769	-	KRYLON Fusion Gloss Black	12	Ounces(OZ)	01-Apr-21
0001660768	-	KRYLON Fusion Gloss Black	12	Ounces(OZ)	01-Apr-21
0001660767	-	KRYLON Fusion Gloss Black	12	Ounces(OZ)	01-Apr-21
0001660766	-	KRYLON Fusion Gloss Black	12	Ounces(OZ)	01-Apr-21
0001660765	-	KRYLON Fusion Gloss Black	12	Ounces(OZ)	01-Apr-21
0001660764	-	KRYLON Fusion Gloss Black	12	Ounces(OZ)	01-Apr-21
0001658994	-	Compressed Air	220	Cubic Feet(CF)	01-Apr-21
0001658996	-	Compressed Air	220	Cubic Feet(CF)	01-Apr-21
0001658995	-	Compressed Air	220	Cubic Feet(CF)	01-Apr-21
0001658992	-	Compressed Air	220	Cubic Feet(CF)	01-Apr-21
0001658993	-	Compressed Air	220	Cubic Feet(CF)	01-Apr-21
0001658991	-	Compressed Air	220	Cubic Feet(CF)	01-Apr-21
0001659058	-	Argon 75% Carbon Dioxide 25%	220	Cubic Feet(CF)	01-Apr-21
0001659059	-	Argon 75% Carbon Dioxide 25%	220	Cubic Feet(CF)	01-Apr-21
0001659024	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	01-Apr-21
0001659063	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	01-Apr-21
0001659062	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	01-Apr-21
0001659067	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	01-Apr-21
0001659073	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	01-Apr-21
0001659072	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	01-Apr-21
0001659071	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	01-Apr-21
0001659075	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	01-Apr-21
0001659070	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	01-Apr-21
0001659069	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	01-Apr-21
0001659065	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	01-Apr-21
0001659068	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	01-Apr-21
0001659074	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	01-Apr-21
0001659064	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	01-Apr-21
0001659066	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	01-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001659061	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	01-Apr-21
0001659025	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	01-Apr-21
0001659028	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	01-Apr-21
0001659027	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	01-Apr-21
0001659026	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	01-Apr-21
0001659029	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	01-Apr-21
0001659030	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	01-Apr-21
0001659051	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	01-Apr-21
0001659053	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	01-Apr-21
0001659055	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	01-Apr-21
0001659050	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	01-Apr-21
0001659052	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	01-Apr-21
0001659054	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	01-Apr-21
0001659040	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	01-Apr-21
0001659033	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	01-Apr-21
0001659037	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	01-Apr-21
0001659038	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	01-Apr-21
0001659048	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	01-Apr-21
0001659047	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	01-Apr-21
0001659039	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	01-Apr-21
0001659032	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	01-Apr-21
0001659034	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	01-Apr-21
0001659035	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	01-Apr-21
0001659036	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	01-Apr-21
0001659046	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	01-Apr-21
0001659044	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	01-Apr-21
0001659043	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	01-Apr-21
0001659042	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	01-Apr-21
0001659041	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	01-Apr-21
0001659045	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	01-Apr-21
0001659031	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	01-Apr-21
0001659049	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	01-Apr-21
0001659056	-	21% OXYGEN/BAL. HELIUM	220	Cubic Feet(CF)	01-Apr-21
0001659057	-	21% OXYGEN/BAL. HELIUM	220	Cubic Feet(CF)	01-Apr-21
0001659060	124-38-9	CARBON DIOXIDE GAS	80	Cubic Feet(CF)	01-Apr-21
0001659076	74-98-6	PROPANE	50	Pounds(LB)	01-Apr-21
0001659083	74-98-6	PROPANE	50	Pounds(LB)	01-Apr-21
0001659084	74-98-6	PROPANE	50	Pounds(LB)	01-Apr-21
0001659085	74-98-6	PROPANE	50	Pounds(LB)	01-Apr-21
0001659077	74-98-6	PROPANE	50	Pounds(LB)	01-Apr-21
0001659081	74-98-6	PROPANE	50	Pounds(LB)	01-Apr-21
0001659080	74-98-6	PROPANE	50	Pounds(LB)	01-Apr-21
0001659082	74-98-6	PROPANE	50	Pounds(LB)	01-Apr-21
0001659078	74-98-6	PROPANE	50	Pounds(LB)	01-Apr-21
0001659086	74-98-6	PROPANE	50	Pounds(LB)	01-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001659079	74-98-6	PROPANE	50	Pounds(LB)	01-Apr-21
0001659087	7440-59-7	HELIUM GAS	100	Liters(L)	01-Apr-21
0001659089	7440-59-7	HELIUM GAS	100	Liters(L)	01-Apr-21
0001659090	7440-59-7	HELIUM GAS	100	Liters(L)	01-Apr-21
0001659092	7440-59-7	HELIUM GAS	100	Liters(L)	01-Apr-21
0001659088	7440-59-7	HELIUM GAS	100	Liters(L)	01-Apr-21
0001659091	7440-59-7	HELIUM GAS	100	Liters(L)	01-Apr-21
0001334189	-	DTE OIL LIGHT	5	Gallon(GAL)	01-Apr-21
0001614580	1493-13-6	TRIFLUOROMETHANESULFONIC ACID	250	Gram(GM)	02-Apr-21
0001614581	-	HYDRANAL WATER STD 0.1	40	Milliliter(ML)	02-Apr-21
0001614582	-	HYDRANAL WATER STD 0.1	40	Milliliter(ML)	02-Apr-21
0001614583	-	HYDRANAL WATER STD 0.1	40	Milliliter(ML)	02-Apr-21
0001614584	-	HYDRANAL WATER STD 0.1	40	Milliliter(ML)	02-Apr-21
0001614585	-	HYDRANAL WATER STD 0.1	40	Milliliter(ML)	02-Apr-21
0001614586	-	HYDRANAL WATER STD 0.1	40	Milliliter(ML)	02-Apr-21
0001614587	-	Ultragrade 19 Oil	4	Liters(L)	02-Apr-21
0001614588	621-23-8	1 3 5-TRIMETHOXYBENZENE	1	Gram(GM)	02-Apr-21
0001614589	621-23-8	1 3 5-TRIMETHOXYBENZENE	1	Gram(GM)	02-Apr-21
0001614590	498-15-7	(1S)-(+)-3-CARENE	5	Gram(GM)	02-Apr-21
0001614591	498-15-7	(1S)-(+)-3-CARENE	5	Gram(GM)	02-Apr-21
0001614592	546-79-2	Sabinene hydrate	5	Gram(GM)	02-Apr-21
0001614593	546-79-2	Sabinene hydrate	5	Gram(GM)	02-Apr-21
0001614594	489-84-9	GUAIAZULENE	25	Gram(GM)	02-Apr-21
0001614595	-	HIGH VACUUM GREASE	5.3	Ounces(OZ)	02-Apr-21
0001614596	188589-32-4	1-Decyl-3-methylimidazolium bromide	50	Gram(GM)	02-Apr-21
0001614597	3282-30-2	TRIMETHYLACETYL CHLORIDE	500	Milliliter(ML)	02-Apr-21
0001614598	107-18-6	ALLYL ALCOHOL	100	Milliliter(ML)	02-Apr-21
0001614599	107-18-6	ALLYL ALCOHOL	100	Milliliter(ML)	02-Apr-21
0001614600	151-50-8	POTASSIUM CYANIDE	25	Gram(GM)	02-Apr-21
0001614601	74-88-4	IODOMETHANE	100	Gram(GM)	02-Apr-21
0001614602	7087-68-5	N N-DIISOPROPYLETHYLAMINE	100	Milliliter(ML)	02-Apr-21
0001614603	127-17-3	PYRUVIC ACID	25	Gram(GM)	02-Apr-21
0001614604	7732-18-5	WATER HPLC GRADE	4	Liters(L)	02-Apr-21
0001614608	7732-18-5	WATER HPLC GRADE	4	Liters(L)	02-Apr-21
0001614605	7732-18-5	WATER HPLC GRADE	4	Liters(L)	02-Apr-21
0001614606	7732-18-5	WATER HPLC GRADE	4	Liters(L)	02-Apr-21
0001614607	7732-18-5	WATER HPLC GRADE	4	Liters(L)	02-Apr-21
0001614609	7732-18-5	WATER HPLC GRADE	4	Liters(L)	02-Apr-21
0001614610	7732-18-5	WATER HPLC GRADE	4	Liters(L)	02-Apr-21
0001614611	7732-18-5	WATER HPLC GRADE	4	Liters(L)	02-Apr-21
0001614612	68-12-2	N N-DIMETHYLFORMAMIDE	1	Liters(L)	02-Apr-21
0001614613	5390-04-5	4-PENTYN-1-OL	25	Gram(GM)	02-Apr-21
0001614614	877-24-7	POTASSIUM HYDROGEN PHTHALATE	500	Gram(GM)	02-Apr-21
0001614574	68-12-2	N N-DIMETHYLFORMAMIDE	4	Liters(L)	02-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001614575	-	Dulbeccos Phosphate Buffered Saline (DPBS) without Calcium Magnesium	1000	Milliliter(ML)	02-Apr-21
0001614576	-	Dulbeccos Phosphate Buffered Saline (DPBS) without Calcium Magnesium	1000	Milliliter(ML)	02-Apr-21
0001614578	-	Dulbeccos Phosphate Buffered Saline (DPBS) without Calcium Magnesium	1000	Milliliter(ML)	02-Apr-21
0001614577	-	Dulbeccos Phosphate Buffered Saline (DPBS) without Calcium Magnesium	1000	Milliliter(ML)	02-Apr-21
0001614579	-	Dulbeccos Phosphate Buffered Saline (DPBS) without Calcium Magnesium	1000	Milliliter(ML)	02-Apr-21
0001614615	63148-62-9	Parker Super-O-Lube	2	Ounces(OZ)	02-Apr-21
0001614627	8042-47-5	MINERAL OIL	55	Gallon(GAL)	02-Apr-21
0001660659	-	FORMULA 2011-LT	55	Gallon(GAL)	05-Apr-21
0001660660	-	FORMULA 315	30	Gallon(GAL)	05-Apr-21
0001149102	-	HIGH-PURITY D.I.18 MEGAOHM WATER	1000	Milliliter(ML)	05-Apr-21
0001458416	-	Expedition Fuel Tablets (Hexamine Solid Camping Fuel)	1	Ounces(OZ)	05-Apr-21
0001458415	-	New Skin Liquid Bandage	0.3	Ounces(OZ)	05-Apr-21
0001458417	-	MOTH BALLS	10	Ounces(OZ)	05-Apr-21
0001458419	7722-64-7	POTASSIUM PERMANGANATE	1.5	Pounds(LB)	05-Apr-21
0001458420	-	OXIDIZER	20	Ounces(OZ)	05-Apr-21
0001458421	7631-99-4	SODIUM NITRATE	4	Pounds(LB)	05-Apr-21
0001458422	497-19-8	SODIUM CARBONATE	1	Pounds(LB)	05-Apr-21
0001457082	-	VACUUM PUMP OIL	1	Liters(L)	05-Apr-21
0001458431	-	Expedition Fuel Tablets (Hexamine Solid Camping Fuel)	6	Ounces(OZ)	05-Apr-21
0001458424	-	ALUMINUM GERMAN BLACKHEAD	1	Pounds(LB)	05-Apr-21
0001458436	-	ALUMINUM GERMAN BLACKHEAD	1	Pounds(LB)	05-Apr-21
0001458439	-	ALUMINUM GERMAN BLACKHEAD	1	Pounds(LB)	05-Apr-21
0001458425	-	MAGNESIUM ALUMINUM PHOSPHIDE	1	Pounds(LB)	05-Apr-21
0001458437	-	MAGNESIUM ALUMINUM PHOSPHIDE	1	Pounds(LB)	05-Apr-21
0001458441	-	MAGNESIUM ALUMINUM PHOSPHIDE	1	Pounds(LB)	05-Apr-21
0001458426	-	Ferro Titanium	2	Pounds(LB)	05-Apr-21
0001458427	67-72-1	HEXACHLOROETHANE	1	Pounds(LB)	05-Apr-21
0001458429	7440-32-6	TITANIUM	1	Pounds(LB)	05-Apr-21
0001458440	7440-32-6	TITANIUM	1	Pounds(LB)	05-Apr-21
0001458430	7440-21-3	SILICON	1	Pounds(LB)	05-Apr-21
0001458438	7429-90-5	ALUMINUM OTHER THAN POWDER	1	Pounds(LB)	05-Apr-21
0001659094	7440-59-7	HELIUM GAS	100	Cubic Feet(CF)	05-Apr-21
0001659098	7440-59-7	HELIUM GAS	100	Cubic Feet(CF)	05-Apr-21
0001659095	7440-59-7	HELIUM GAS	100	Cubic Feet(CF)	05-Apr-21
0001659097	7440-59-7	HELIUM GAS	100	Cubic Feet(CF)	05-Apr-21
0001659096	7440-59-7	HELIUM GAS	100	Cubic Feet(CF)	05-Apr-21
0001659099	7440-59-7	HELIUM GAS	100	Cubic Feet(CF)	05-Apr-21
0001660746	12236-82-7	PROCION NAVY BLUE	12	Ounces(OZ)	06-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001291504	64-17-5	ETHYL ALCOHOL 96%	1	Pint(PT)	06-Apr-21
0001291513	64-17-5	ETHYL ALCOHOL 96%	1	Pint(PT)	06-Apr-21
0001660737	12236-82-7	PROCION NAVY BLUE	12	Ounces(OZ)	06-Apr-21
0001660736	12236-82-7	PROCION NAVY BLUE	12	Ounces(OZ)	06-Apr-21
0001660738	12236-82-7	PROCION NAVY BLUE	12	Ounces(OZ)	06-Apr-21
0001660744	12236-82-7	PROCION NAVY BLUE	12	Ounces(OZ)	06-Apr-21
0001660743	12236-82-7	PROCION NAVY BLUE	12	Ounces(OZ)	06-Apr-21
0001660742	12236-82-7	PROCION NAVY BLUE	12	Ounces(OZ)	06-Apr-21
0001660741	12236-82-7	PROCION NAVY BLUE	12	Ounces(OZ)	06-Apr-21
0001660740	12236-82-7	PROCION NAVY BLUE	12	Ounces(OZ)	06-Apr-21
0001660739	12236-82-7	PROCION NAVY BLUE	12	Ounces(OZ)	06-Apr-21
0001660745	12236-82-7	PROCION NAVY BLUE	12	Ounces(OZ)	06-Apr-21
0001660735	12236-82-7	PROCION NAVY BLUE	112	Ounces(OZ)	06-Apr-21
0001660723	-	Krylon RTA 9219 Flat White	12	Ounces(OZ)	06-Apr-21
0001660732	-	Krylon RTA 9219 Flat White	12	Ounces(OZ)	06-Apr-21
0001660733	-	Krylon RTA 9219 Flat White	12	Ounces(OZ)	06-Apr-21
0001660730	-	Krylon RTA 9219 Flat White	12	Ounces(OZ)	06-Apr-21
0001660731	-	Krylon RTA 9219 Flat White	12	Ounces(OZ)	06-Apr-21
0001660729	-	Krylon RTA 9219 Flat White	12	Ounces(OZ)	06-Apr-21
0001660727	-	Krylon RTA 9219 Flat White	12	Ounces(OZ)	06-Apr-21
0001660726	-	Krylon RTA 9219 Flat White	12	Ounces(OZ)	06-Apr-21
0001660725	-	Krylon RTA 9219 Flat White	12	Ounces(OZ)	06-Apr-21
0001660724	-	Krylon RTA 9219 Flat White	12	Ounces(OZ)	06-Apr-21
0001660734	-	Krylon RTA 9219 Flat White	12	Ounces(OZ)	06-Apr-21
0001660728	-	Krylon RTA 9219 Flat White	12	Ounces(OZ)	06-Apr-21
0001291522	-	Super Lube Multi-Purpose Synthetic Grease with Syncolon (PTFE)	14.1	Ounces(OZ)	06-Apr-21
0001291485	-	Super Lube Multi-Purpose Synthetic Grease with Syncolon (PTFE)	14.1	Ounces(OZ)	06-Apr-21
0001291494	-	Super Lube Multi-Purpose Synthetic Grease with Syncolon (PTFE)	14.1	Ounces(OZ)	06-Apr-21
0001659100	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Apr-21
0001659101	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Apr-21
0001659103	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Apr-21
0001659102	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Apr-21
0001659104	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Apr-21
0001659109	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Apr-21
0001659105	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Apr-21
0001659124	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Apr-21
0001659106	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Apr-21
0001659126	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Apr-21
0001659125	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Apr-21
0001659107	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Apr-21
0001659114	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Apr-21
0001659113	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001659112	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Apr-21
0001659111	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Apr-21
0001659116	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Apr-21
0001659117	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Apr-21
0001659118	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Apr-21
0001659119	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Apr-21
0001659120	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Apr-21
0001659110	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Apr-21
0001659115	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Apr-21
0001659108	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Apr-21
0001659121	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Apr-21
0001659123	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Apr-21
0001659122	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-Apr-21
0001659127	-	ARGON GAS	220	Cubic Feet(CF)	06-Apr-21
0001659138	-	ARGON GAS	220	Cubic Feet(CF)	06-Apr-21
0001659135	-	ARGON GAS	220	Cubic Feet(CF)	06-Apr-21
0001659128	-	ARGON GAS	220	Cubic Feet(CF)	06-Apr-21
0001659133	-	ARGON GAS	220	Cubic Feet(CF)	06-Apr-21
0001659129	-	ARGON GAS	220	Cubic Feet(CF)	06-Apr-21
0001659130	-	ARGON GAS	220	Cubic Feet(CF)	06-Apr-21
0001659137	-	ARGON GAS	220	Cubic Feet(CF)	06-Apr-21
0001659132	-	ARGON GAS	220	Cubic Feet(CF)	06-Apr-21
0001659139	-	ARGON GAS	220	Cubic Feet(CF)	06-Apr-21
0001659136	-	ARGON GAS	220	Cubic Feet(CF)	06-Apr-21
0001659140	-	ARGON GAS	220	Cubic Feet(CF)	06-Apr-21
0001659134	-	ARGON GAS	220	Cubic Feet(CF)	06-Apr-21
0001659141	-	ARGON GAS	220	Cubic Feet(CF)	06-Apr-21
0001659131	-	ARGON GAS	220	Cubic Feet(CF)	06-Apr-21
0001678423	-	ARGON GAS	220	Cubic Feet(CF)	06-Apr-21
0001659142	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	06-Apr-21
0001659153	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	06-Apr-21
0001659154	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	06-Apr-21
0001659155	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	06-Apr-21
0001659156	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	06-Apr-21
0001659157	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	06-Apr-21
0001659159	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	06-Apr-21
0001659158	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	06-Apr-21
0001659144	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	06-Apr-21
0001659164	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	06-Apr-21
0001659171	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	06-Apr-21
0001659170	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	06-Apr-21
0001659169	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	06-Apr-21
0001659168	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	06-Apr-21
0001659143	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	06-Apr-21
0001659166	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	06-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001659165	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	06-Apr-21
0001659145	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	06-Apr-21
0001659146	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	06-Apr-21
0001659161	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	06-Apr-21
0001659151	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	06-Apr-21
0001659167	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	06-Apr-21
0001659160	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	06-Apr-21
0001659147	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	06-Apr-21
0001659162	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	06-Apr-21
0001659150	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	06-Apr-21
0001659163	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	06-Apr-21
0001659149	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	06-Apr-21
0001659148	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	06-Apr-21
0001659152	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	06-Apr-21
0001659172	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Apr-21
0001659182	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Apr-21
0001659175	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Apr-21
0001659174	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Apr-21
0001659176	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Apr-21
0001659177	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Apr-21
0001659178	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Apr-21
0001659179	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Apr-21
0001659180	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Apr-21
0001659181	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Apr-21
0001659198	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Apr-21
0001659173	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Apr-21
0001659197	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Apr-21
0001659196	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Apr-21
0001659195	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Apr-21
0001659194	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Apr-21
0001659193	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Apr-21
0001659183	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Apr-21
0001659191	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Apr-21
0001659190	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Apr-21
0001659188	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Apr-21
0001659184	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Apr-21
0001659185	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Apr-21
0001659192	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Apr-21
0001659187	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Apr-21
0001659189	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Apr-21
0001659186	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Apr-21
0001678399	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Apr-21
0001678401	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Apr-21
0001678400	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	06-Apr-21
0001678402	-	Compressed Air	220	Cubic Feet(CF)	06-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001678408	-	Compressed Air	220	Cubic Feet(CF)	06-Apr-21
0001678407	-	Compressed Air	220	Cubic Feet(CF)	06-Apr-21
0001678406	-	Compressed Air	220	Cubic Feet(CF)	06-Apr-21
0001678405	-	Compressed Air	220	Cubic Feet(CF)	06-Apr-21
0001678404	-	Compressed Air	220	Cubic Feet(CF)	06-Apr-21
0001678403	-	Compressed Air	220	Cubic Feet(CF)	06-Apr-21
0001678415	-	Compressed Air	220	Cubic Feet(CF)	06-Apr-21
0001678411	-	Compressed Air	220	Cubic Feet(CF)	06-Apr-21
0001678413	-	Compressed Air	220	Cubic Feet(CF)	06-Apr-21
0001678409	-	Compressed Air	220	Cubic Feet(CF)	06-Apr-21
0001678412	-	Compressed Air	220	Cubic Feet(CF)	06-Apr-21
0001678416	-	Compressed Air	220	Cubic Feet(CF)	06-Apr-21
0001678410	-	Compressed Air	220	Cubic Feet(CF)	06-Apr-21
0001678414	-	Compressed Air	220	Cubic Feet(CF)	06-Apr-21
0001678417	74-98-6	PROPANE	11	Gallon(GAL)	06-Apr-21
0001678418	74-98-6	PROPANE	11	Gallon(GAL)	06-Apr-21
0001678419	74-98-6	PROPANE	11	Gallon(GAL)	06-Apr-21
0001678420	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	06-Apr-21
0001678421	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	06-Apr-21
0001678422	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	06-Apr-21
0001659759	-	PREMIUM ENAMEL-GLOSS HUNTER GREEN	12	Ounces(OZ)	06-Apr-21
0001659768	-	PREMIUM ENAMEL-GLOSS HUNTER GREEN	12	Ounces(OZ)	06-Apr-21
0001659760	-	PREMIUM ENAMEL-GLOSS HUNTER GREEN	12	Ounces(OZ)	06-Apr-21
0001659761	-	PREMIUM ENAMEL-GLOSS HUNTER GREEN	12	Ounces(OZ)	06-Apr-21
0001659762	-	PREMIUM ENAMEL-GLOSS HUNTER GREEN	12	Ounces(OZ)	06-Apr-21
0001659763	-	PREMIUM ENAMEL-GLOSS HUNTER GREEN	12	Ounces(OZ)	06-Apr-21
0001659764	-	PREMIUM ENAMEL-GLOSS HUNTER GREEN	12	Ounces(OZ)	06-Apr-21
0001659765	-	PREMIUM ENAMEL-GLOSS HUNTER GREEN	12	Ounces(OZ)	06-Apr-21
0001659767	-	PREMIUM ENAMEL-GLOSS HUNTER GREEN	12	Ounces(OZ)	06-Apr-21
0001659769	-	PREMIUM ENAMEL-GLOSS HUNTER GREEN	12	Ounces(OZ)	06-Apr-21
0001659770	-	PREMIUM ENAMEL-GLOSS HUNTER GREEN	12	Ounces(OZ)	06-Apr-21
0001659766	-	PREMIUM ENAMEL-GLOSS HUNTER GREEN	12	Ounces(OZ)	06-Apr-21
0001423559	-	FOAM SEALANT INSULATING	250	Milliliter(ML)	06-Apr-21
0001423562	-	FOAM SEALANT INSULATING	250	Milliliter(ML)	06-Apr-21
0001423561	-	FOAM SEALANT INSULATING	250	Milliliter(ML)	06-Apr-21
0001423560	-	FOAM SEALANT INSULATING	250	Milliliter(ML)	06-Apr-21
0001659723	-	OSHA 2116 SAFETY RED	12	Ounces(OZ)	06-Apr-21
0001659724	-	OSHA 2116 SAFETY RED	12	Ounces(OZ)	06-Apr-21
0001659737	-	OSHA 2116 SAFETY RED	12	Ounces(OZ)	06-Apr-21
0001659746	-	OSHA 2116 SAFETY RED	12	Ounces(OZ)	06-Apr-21
0001659727	-	OSHA 2116 SAFETY RED	12	Ounces(OZ)	06-Apr-21
0001659728	-	OSHA 2116 SAFETY RED	12	Ounces(OZ)	06-Apr-21
0001659729	-	OSHA 2116 SAFETY RED	12	Ounces(OZ)	06-Apr-21
0001659730	-	OSHA 2116 SAFETY RED	12	Ounces(OZ)	06-Apr-21
0001659731	-	OSHA 2116 SAFETY RED	12	Ounces(OZ)	06-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001659732	-	OSHA 2116 SAFETY RED	12	Ounces(OZ)	06-Apr-21
0001659733	-	OSHA 2116 SAFETY RED	12	Ounces(OZ)	06-Apr-21
0001659734	-	OSHA 2116 SAFETY RED	12	Ounces(OZ)	06-Apr-21
0001659726	-	OSHA 2116 SAFETY RED	12	Ounces(OZ)	06-Apr-21
0001659736	-	OSHA 2116 SAFETY RED	12	Ounces(OZ)	06-Apr-21
0001659725	-	OSHA 2116 SAFETY RED	12	Ounces(OZ)	06-Apr-21
0001659738	-	OSHA 2116 SAFETY RED	12	Ounces(OZ)	06-Apr-21
0001659739	-	OSHA 2116 SAFETY RED	12	Ounces(OZ)	06-Apr-21
0001659740	-	OSHA 2116 SAFETY RED	12	Ounces(OZ)	06-Apr-21
0001659741	-	OSHA 2116 SAFETY RED	12	Ounces(OZ)	06-Apr-21
0001659742	-	OSHA 2116 SAFETY RED	12	Ounces(OZ)	06-Apr-21
0001659743	-	OSHA 2116 SAFETY RED	12	Ounces(OZ)	06-Apr-21
0001659744	-	OSHA 2116 SAFETY RED	12	Ounces(OZ)	06-Apr-21
0001659745	-	OSHA 2116 SAFETY RED	12	Ounces(OZ)	06-Apr-21
0001659735	-	OSHA 2116 SAFETY RED	12	Ounces(OZ)	06-Apr-21
0001660783	-	GLOSS OSHA SAFETY YELLOW	12	Ounces(OZ)	06-Apr-21
0001660790	-	GLOSS OSHA SAFETY YELLOW	12	Ounces(OZ)	06-Apr-21
0001660786	-	GLOSS OSHA SAFETY YELLOW	12	Ounces(OZ)	06-Apr-21
0001660787	-	GLOSS OSHA SAFETY YELLOW	12	Ounces(OZ)	06-Apr-21
0001660788	-	GLOSS OSHA SAFETY YELLOW	12	Ounces(OZ)	06-Apr-21
0001660789	-	GLOSS OSHA SAFETY YELLOW	12	Ounces(OZ)	06-Apr-21
0001660797	-	GLOSS OSHA SAFETY YELLOW	12	Ounces(OZ)	06-Apr-21
0001660798	-	GLOSS OSHA SAFETY YELLOW	12	Ounces(OZ)	06-Apr-21
0001660799	-	GLOSS OSHA SAFETY YELLOW	12	Ounces(OZ)	06-Apr-21
0001660800	-	GLOSS OSHA SAFETY YELLOW	12	Ounces(OZ)	06-Apr-21
0001660806	-	GLOSS OSHA SAFETY YELLOW	12	Ounces(OZ)	06-Apr-21
0001660805	-	GLOSS OSHA SAFETY YELLOW	12	Ounces(OZ)	06-Apr-21
0001660796	-	GLOSS OSHA SAFETY YELLOW	12	Ounces(OZ)	06-Apr-21
0001660803	-	GLOSS OSHA SAFETY YELLOW	12	Ounces(OZ)	06-Apr-21
0001660785	-	GLOSS OSHA SAFETY YELLOW	12	Ounces(OZ)	06-Apr-21
0001660791	-	GLOSS OSHA SAFETY YELLOW	12	Ounces(OZ)	06-Apr-21
0001660792	-	GLOSS OSHA SAFETY YELLOW	12	Ounces(OZ)	06-Apr-21
0001660793	-	GLOSS OSHA SAFETY YELLOW	12	Ounces(OZ)	06-Apr-21
0001660802	-	GLOSS OSHA SAFETY YELLOW	12	Ounces(OZ)	06-Apr-21
0001660794	-	GLOSS OSHA SAFETY YELLOW	12	Ounces(OZ)	06-Apr-21
0001660795	-	GLOSS OSHA SAFETY YELLOW	12	Ounces(OZ)	06-Apr-21
0001660784	-	GLOSS OSHA SAFETY YELLOW	12	Ounces(OZ)	06-Apr-21
0001660801	-	GLOSS OSHA SAFETY YELLOW	12	Ounces(OZ)	06-Apr-21
0001660804	-	GLOSS OSHA SAFETY YELLOW	12	Ounces(OZ)	06-Apr-21
0001660747	-	RUST TOUGH ENAMEL	12	Ounces(OZ)	06-Apr-21
0001660750	-	RUST TOUGH ENAMEL	12	Ounces(OZ)	06-Apr-21
0001660751	-	RUST TOUGH ENAMEL	12	Ounces(OZ)	06-Apr-21
0001660758	-	RUST TOUGH ENAMEL	12	Ounces(OZ)	06-Apr-21
0001660757	-	RUST TOUGH ENAMEL	12	Ounces(OZ)	06-Apr-21
0001660756	-	RUST TOUGH ENAMEL	12	Ounces(OZ)	06-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001660753	-	RUST TOUGH ENAMEL	12	Ounces(OZ)	06-Apr-21
0001660755	-	RUST TOUGH ENAMEL	12	Ounces(OZ)	06-Apr-21
0001660754	-	RUST TOUGH ENAMEL	12	Ounces(OZ)	06-Apr-21
0001660748	-	RUST TOUGH ENAMEL	12	Ounces(OZ)	06-Apr-21
0001660752	-	RUST TOUGH ENAMEL	12	Ounces(OZ)	06-Apr-21
0001660749	-	RUST TOUGH ENAMEL	12	Ounces(OZ)	06-Apr-21
0001659747	-	MACHINERY GRAY	12	Ounces(OZ)	06-Apr-21
0001659757	-	MACHINERY GRAY	12	Ounces(OZ)	06-Apr-21
0001659756	-	MACHINERY GRAY	12	Ounces(OZ)	06-Apr-21
0001659755	-	MACHINERY GRAY	12	Ounces(OZ)	06-Apr-21
0001659754	-	MACHINERY GRAY	12	Ounces(OZ)	06-Apr-21
0001659753	-	MACHINERY GRAY	12	Ounces(OZ)	06-Apr-21
0001659752	-	MACHINERY GRAY	12	Ounces(OZ)	06-Apr-21
0001659751	-	MACHINERY GRAY	12	Ounces(OZ)	06-Apr-21
0001659750	-	MACHINERY GRAY	12	Ounces(OZ)	06-Apr-21
0001659749	-	MACHINERY GRAY	12	Ounces(OZ)	06-Apr-21
0001659748	-	MACHINERY GRAY	12	Ounces(OZ)	06-Apr-21
0001659758	-	MACHINERY GRAY	12	Ounces(OZ)	06-Apr-21
0001660711	-	WD-40 AEROSOL	12	Ounces(OZ)	06-Apr-21
0001660717	-	WD-40 AEROSOL	12	Ounces(OZ)	06-Apr-21
0001660713	-	WD-40 AEROSOL	12	Ounces(OZ)	06-Apr-21
0001660714	-	WD-40 AEROSOL	12	Ounces(OZ)	06-Apr-21
0001660716	-	WD-40 AEROSOL	12	Ounces(OZ)	06-Apr-21
0001660718	-	WD-40 AEROSOL	12	Ounces(OZ)	06-Apr-21
0001660719	-	WD-40 AEROSOL	12	Ounces(OZ)	06-Apr-21
0001660720	-	WD-40 AEROSOL	12	Ounces(OZ)	06-Apr-21
0001660721	-	WD-40 AEROSOL	12	Ounces(OZ)	06-Apr-21
0001660722	-	WD-40 AEROSOL	12	Ounces(OZ)	06-Apr-21
0001660715	-	WD-40 AEROSOL	12	Ounces(OZ)	06-Apr-21
0001660712	-	WD-40 AEROSOL	12	Ounces(OZ)	06-Apr-21
0001613652	-	Dymax 728-G	30	Milliliter(ML)	07-Apr-21
0001613657	-	Dymax 728-G	30	Milliliter(ML)	07-Apr-21
0001613653	-	Dymax 728-G	30	Milliliter(ML)	07-Apr-21
0001613654	-	Dymax 728-G	30	Milliliter(ML)	07-Apr-21
0001613655	-	Dymax 728-G	30	Milliliter(ML)	07-Apr-21
0001613656	-	Dymax 728-G	30	Milliliter(ML)	07-Apr-21
0001613659	-	Dymax 728-G	30	Milliliter(ML)	07-Apr-21
0001613660	-	Dymax 728-G	30	Milliliter(ML)	07-Apr-21
0001613661	-	Dymax 728-G	30	Milliliter(ML)	07-Apr-21
0001613658	-	Dymax 728-G	30	Milliliter(ML)	07-Apr-21
0001661882	69102-90-5	Poly bd R45 HTLO	5	Pounds(LB)	07-Apr-21
0001661883	69102-90-5	Poly bd R45 HTLO	5	Pounds(LB)	07-Apr-21
0001661886	69102-90-5	Poly bd R45 HTLO	5	Pounds(LB)	07-Apr-21
0001661885	69102-90-5	Poly bd R45 HTLO	5	Pounds(LB)	07-Apr-21
0001661884	69102-90-5	Poly bd R45 HTLO	5	Pounds(LB)	07-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001065674	-	RAIN-X ANTI-FOG	3.5	Ounces(OZ)	07-Apr-21
0001661887	69102-90-5	Poly bd R45 M	5	Pounds(LB)	07-Apr-21
0001661888	69102-90-5	Poly bd R45 M	5	Pounds(LB)	07-Apr-21
0001661892	69102-90-5	Poly bd R20 LM	5	Pounds(LB)	07-Apr-21
0001661891	69102-90-5	Poly bd R45 M	5	Pounds(LB)	07-Apr-21
0001661890	69102-90-5	Poly bd R45 M	5	Pounds(LB)	07-Apr-21
0001661889	69102-90-5	Poly bd R45 M	5	Pounds(LB)	07-Apr-21
0001661893	69102-90-5	Poly bd R20 LM	5	Pounds(LB)	07-Apr-21
0001661895	69102-90-5	Poly bd R20 LM	5	Pounds(LB)	07-Apr-21
0001661896	69102-90-5	Poly bd R20 LM	5	Pounds(LB)	07-Apr-21
0001661894	69102-90-5	Poly bd R20 LM	5	Pounds(LB)	07-Apr-21
0001614573	7439-96-5	MANGANESE	250	Gram(GM)	07-Apr-21
0001578515	-	RHOMA-SOL	5	Gallon(GAL)	07-Apr-21
0001578516	-	RHOMA-SOL	5	Gallon(GAL)	07-Apr-21
V00000804A	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V00000804E	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008059	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008058	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008057	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008056	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008055	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008054	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008053	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008052	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008051	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008040	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V00000804F	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V00000805C	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V00000804D	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V00000804C	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V00000804B	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008048	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008049	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008047	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008046	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008044	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008042	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008041	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008050	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008066	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V00000800E	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008071	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008070	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V00000806F	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V00000806E	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V00000806D	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V00000806C	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V00000806B	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V00000806A	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008069	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V00000805A	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000008067	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V00000805B	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008065	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008064	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008063	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008062	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008061	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008060	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V00000805F	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V00000805E	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V00000805D	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008043	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008068	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V00000801A	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008026	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008025	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V00000803F	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008023	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008045	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008021	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008020	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V00000801F	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V00000801E	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V00000801D	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008027	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V00000801B	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008024	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008019	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008018	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008017	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008016	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008015	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008014	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008013	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008012	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008011	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008010	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V00000800F	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V00000801C	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008038	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V00000803E	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V00000803D	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V00000803C	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V00000803B	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000008022	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008039	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008028	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008037	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008036	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008035	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008034	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V00000802B	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V00000803A	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V00000802A	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008033	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V00000802C	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V00000802D	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V00000802F	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008030	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008031	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008032	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V00000802E	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008029	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008085	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V00000807E	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V00000807F	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000008080	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008081	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008082	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008084	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V00000807B	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V00000807C	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008083	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008075	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008072	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V00000807D	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008074	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008076	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008077	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008078	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008079	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V00000807A	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
V000008073	-	Contact Cleaner 2000 Precision Cleaner (aerosol)	13	Ounces(OZ)	07-Apr-21
0001578513	-	3M SPRAY ADHESIVE 90	17.6	Ounces(OZ)	07-Apr-21
0001578514	-	3M SPRAY ADHESIVE 90	17.6	Ounces(OZ)	07-Apr-21
0001578489	-	3M SPRAY ADHESIVE 90	17.6	Ounces(OZ)	07-Apr-21
0001578491	-	3M SPRAY ADHESIVE 90	17.6	Ounces(OZ)	07-Apr-21
0001578490	-	3M SPRAY ADHESIVE 90	17.6	Ounces(OZ)	07-Apr-21
0001578492	-	3M SPRAY ADHESIVE 90	17.6	Ounces(OZ)	07-Apr-21
0001614616	1306-38-3	CERIUM (IV) OXIDE 99.9%	500	Gram(GM)	07-Apr-21
0001614617	1306-38-3	CERIUM (IV) OXIDE 99.9%	500	Gram(GM)	07-Apr-21
0001614618	1306-38-3	CERIUM (IV) OXIDE 99.9%	500	Gram(GM)	07-Apr-21
0001578469	-	Chemsafe Clear	5	Gallon(GAL)	07-Apr-21
0001578472	-	Chemsafe Clear	5	Gallon(GAL)	07-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001578471	-	Chemsafe Clear	5	Gallon(GAL)	07-Apr-21
0001578470	-	Chemsafe Clear	5	Gallon(GAL)	07-Apr-21
0001578743	-	3M SPRAY ADHESIVE 90	17.6	Ounces(OZ)	07-Apr-21
0001627928	-	TM-20 OIL	5	Gallon(GAL)	07-Apr-21
0001627930	-	TM-20 OIL	5	Gallon(GAL)	07-Apr-21
0001627929	-	TM-20 OIL	5	Gallon(GAL)	07-Apr-21
0001628006	-	Valvoline Professional Series 75W-140 FULL SYNTHETIC GEAR OIL	1	Quarts(QT)	07-Apr-21
0001750399	-	RHOMA-SOL	5	Gallon(GAL)	07-Apr-21
0001750400	-	RHOMA-SOL	5	Gallon(GAL)	07-Apr-21
0001628007	-	ATF+4 AUTOMATIC TRANSMISSION FLUID	1	Quarts(QT)	07-Apr-21
0001628008	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	07-Apr-21
0001614628	8042-47-5	MINERAL OIL	55	Gallon(GAL)	07-Apr-21
0001614630	8042-47-5	MINERAL OIL	55	Gallon(GAL)	07-Apr-21
0001628095	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628164	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628102	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628101	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628100	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628099	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628098	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628097	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628096	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628156	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628165	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628106	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628163	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628162	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628161	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628160	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628159	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628158	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628157	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628166	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628114	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628123	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628122	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628121	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628120	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628119	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628118	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628117	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628104	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628115	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628130	-	LFP	5	Gallon(GAL)	07-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001628113	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628112	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628111	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628110	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628109	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628108	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628107	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628103	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628116	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628129	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628155	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628136	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628135	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628134	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628133	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628137	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628131	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628138	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628128	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628127	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628126	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628124	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628125	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628105	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628132	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628147	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628154	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628153	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628152	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628151	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628150	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628148	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628139	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628146	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628145	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628144	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628143	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628142	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628141	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628140	-	LFP	5	Gallon(GAL)	07-Apr-21
0001628149	-	LFP	5	Gallon(GAL)	07-Apr-21
0001578493	-	SHEETROCK Brand PLUS 3 Lightweight All Purpose Joint Compound Ready-Mixed	4.5	Gallon(GAL)	07-Apr-21
0001578501	-	SHEETROCK Brand PLUS 3 Lightweight All Purpose Joint Compound Ready-Mixed	4.5	Gallon(GAL)	07-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001578502	-	SHEETROCK Brand PLUS 3 Lightweight All Purpose Joint Compound Ready-Mixed	4.5	Gallon(GAL)	07-Apr-21
0001578495	-	SHEETROCK Brand PLUS 3 Lightweight All Purpose Joint Compound Ready-Mixed	4.5	Gallon(GAL)	07-Apr-21
0001578499	-	SHEETROCK Brand PLUS 3 Lightweight All Purpose Joint Compound Ready-Mixed	4.5	Gallon(GAL)	07-Apr-21
0001578500	-	SHEETROCK Brand PLUS 3 Lightweight All Purpose Joint Compound Ready-Mixed	4.5	Gallon(GAL)	07-Apr-21
0001578496	-	SHEETROCK Brand PLUS 3 Lightweight All Purpose Joint Compound Ready-Mixed	4.5	Gallon(GAL)	07-Apr-21
0001578494	-	SHEETROCK Brand PLUS 3 Lightweight All Purpose Joint Compound Ready-Mixed	4.5	Gallon(GAL)	07-Apr-21
0001578497	-	SHEETROCK Brand PLUS 3 Lightweight All Purpose Joint Compound Ready-Mixed	4.5	Gallon(GAL)	07-Apr-21
0001578498	-	SHEETROCK Brand PLUS 3 Lightweight All Purpose Joint Compound Ready-Mixed	4.5	Gallon(GAL)	07-Apr-21
0001578519	-	JOINT COMPOUND - ALL PURPOSE READY MIX	4.5	Gallon(GAL)	07-Apr-21
0001578525	-	JOINT COMPOUND - ALL PURPOSE READY MIX	4.5	Gallon(GAL)	07-Apr-21
0001578520	-	JOINT COMPOUND - ALL PURPOSE READY MIX	4.5	Gallon(GAL)	07-Apr-21
0001578521	-	JOINT COMPOUND - ALL PURPOSE READY MIX	4.5	Gallon(GAL)	07-Apr-21
0001578522	-	JOINT COMPOUND - ALL PURPOSE READY MIX	4.5	Gallon(GAL)	07-Apr-21
0001578524	-	JOINT COMPOUND - ALL PURPOSE READY MIX	4.5	Gallon(GAL)	07-Apr-21
0001578526	-	JOINT COMPOUND - ALL PURPOSE READY MIX	4.5	Gallon(GAL)	07-Apr-21
0001578527	-	JOINT COMPOUND - ALL PURPOSE READY MIX	4.5	Gallon(GAL)	07-Apr-21
0001578537	-	JOINT COMPOUND - ALL PURPOSE READY MIX	4.5	Gallon(GAL)	07-Apr-21
0001578529	-	JOINT COMPOUND - ALL PURPOSE READY MIX	4.5	Gallon(GAL)	07-Apr-21
0001578530	-	JOINT COMPOUND - ALL PURPOSE READY MIX	4.5	Gallon(GAL)	07-Apr-21
0001578531	-	JOINT COMPOUND - ALL PURPOSE READY MIX	4.5	Gallon(GAL)	07-Apr-21
0001578532	-	JOINT COMPOUND - ALL PURPOSE READY MIX	4.5	Gallon(GAL)	07-Apr-21
0001578533	-	JOINT COMPOUND - ALL PURPOSE READY MIX	4.5	Gallon(GAL)	07-Apr-21
0001578534	-	JOINT COMPOUND - ALL PURPOSE READY MIX	4.5	Gallon(GAL)	07-Apr-21
0001578535	-	JOINT COMPOUND - ALL PURPOSE READY MIX	4.5	Gallon(GAL)	07-Apr-21
0001578536	-	JOINT COMPOUND - ALL PURPOSE READY MIX	4.5	Gallon(GAL)	07-Apr-21
0001578528	-	JOINT COMPOUND - ALL PURPOSE READY MIX	4.5	Gallon(GAL)	07-Apr-21
0001578538	-	JOINT COMPOUND - ALL PURPOSE READY MIX	4.5	Gallon(GAL)	07-Apr-21
0001578523	-	JOINT COMPOUND - ALL PURPOSE READY MIX	4.5	Gallon(GAL)	07-Apr-21
0001578517	-	MULE-HIDE #416 STANDARD NON-FIBRATED ALUMINUM ROOF COATING	5	Gallon(GAL)	07-Apr-21
0001578518	-	MULE-HIDE #416 STANDARD NON-FIBRATED ALUMINUM ROOF COATING	5	Gallon(GAL)	07-Apr-21
0001578507	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	07-Apr-21
0001578511	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	07-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001578510	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	07-Apr-21
0001578509	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	07-Apr-21
0001578508	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	07-Apr-21
0001578512	-	Zinsser BULLS EYE 1-2-3	1	Gallon(GAL)	07-Apr-21
0001578563	-	COTE ALL WHITE BASE	1	Gallon(GAL)	07-Apr-21
0001578568	-	COTE ALL WHITE BASE	1	Gallon(GAL)	07-Apr-21
0001578567	-	COTE ALL WHITE BASE	1	Gallon(GAL)	07-Apr-21
0001578566	-	COTE ALL WHITE BASE	1	Gallon(GAL)	07-Apr-21
0001578565	-	COTE ALL WHITE BASE	1	Gallon(GAL)	07-Apr-21
0001578564	-	COTE ALL WHITE BASE	1	Gallon(GAL)	07-Apr-21
0001578570	-	COTE ALL WHITE BASE	1	Gallon(GAL)	07-Apr-21
0001578569	-	COTE ALL WHITE BASE	1	Gallon(GAL)	07-Apr-21
0001578555	-	COTE ALL DEEP BASE	1	Gallon(GAL)	07-Apr-21
0001578562	-	COTE ALL DEEP BASE	1	Gallon(GAL)	07-Apr-21
0001578556	-	COTE ALL DEEP BASE	1	Gallon(GAL)	07-Apr-21
0001578557	-	COTE ALL DEEP BASE	1	Gallon(GAL)	07-Apr-21
0001578561	-	COTE ALL DEEP BASE	1	Gallon(GAL)	07-Apr-21
0001578560	-	COTE ALL DEEP BASE	1	Gallon(GAL)	07-Apr-21
0001578559	-	COTE ALL DEEP BASE	1	Gallon(GAL)	07-Apr-21
0001578558	-	COTE ALL DEEP BASE	1	Gallon(GAL)	07-Apr-21
0001578547	-	Cote All Midtone Base	1	Gallon(GAL)	07-Apr-21
0001578551	-	Cote All Midtone Base	1	Gallon(GAL)	07-Apr-21
0001578548	-	Cote All Midtone Base	1	Gallon(GAL)	07-Apr-21
0001578549	-	Cote All Midtone Base	1	Gallon(GAL)	07-Apr-21
0001578552	-	Cote All Midtone Base	1	Gallon(GAL)	07-Apr-21
0001578553	-	Cote All Midtone Base	1	Gallon(GAL)	07-Apr-21
0001578554	-	Cote All Midtone Base	1	Gallon(GAL)	07-Apr-21
0001578550	-	Cote All Midtone Base	1	Gallon(GAL)	07-Apr-21
0001578539	-	COTE ALL NEUTRAL BASE	1	Gallon(GAL)	07-Apr-21
0001578544	-	COTE ALL NEUTRAL BASE	1	Gallon(GAL)	07-Apr-21
0001578543	-	COTE ALL NEUTRAL BASE	1	Gallon(GAL)	07-Apr-21
0001578542	-	COTE ALL NEUTRAL BASE	1	Gallon(GAL)	07-Apr-21
0001578541	-	COTE ALL NEUTRAL BASE	1	Gallon(GAL)	07-Apr-21
0001578540	-	COTE ALL NEUTRAL BASE	1	Gallon(GAL)	07-Apr-21
0001578545	-	COTE ALL NEUTRAL BASE	1	Gallon(GAL)	07-Apr-21
0001578546	-	COTE ALL NEUTRAL BASE	1	Gallon(GAL)	07-Apr-21
0001658170	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	08-Apr-21
0001614619	28064-14-4	EPO-TEK Silver Epoxy	1	Ounces(OZ)	08-Apr-21
0001614621	28064-14-4	EPO-TEK Silver Epoxy	1	Ounces(OZ)	08-Apr-21
0001614620	28064-14-4	EPO-TEK Silver Epoxy	1	Ounces(OZ)	08-Apr-21
0001614622	-	CUTTING OIL	12	Ounces(OZ)	08-Apr-21
0001614623	-	CUTTING OIL	12	Ounces(OZ)	08-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001614624	-	Tap Magic Multi-Purpose Cleaner/Degreaser	20	Ounces(OZ)	12-Apr-21
0001614625	-	Tap Magic Multi-Purpose Cleaner/Degreaser	20	Ounces(OZ)	12-Apr-21
0001614626	-	ALEXA FLUOR 532 CARBOXYLIC ACID SUCCINIMIDYL ESTER	5	Liters(L)	12-Apr-21
0001614703	7664-93-9	Sulfuric Acid ACS/FCC	2.5	Liters(L)	12-Apr-21
0001614704	7664-93-9	Sulfuric Acid ACS/FCC	2.5	Liters(L)	12-Apr-21
0001614706	7664-93-9	Sulfuric Acid ACS/FCC	2.5	Liters(L)	12-Apr-21
0001614716	7664-93-9	Sulfuric Acid ACS/FCC	2.5	Liters(L)	12-Apr-21
0001614705	7664-93-9	Sulfuric Acid ACS/FCC	2.5	Liters(L)	12-Apr-21
0001614715	7664-93-9	Sulfuric Acid ACS/FCC	2.5	Liters(L)	12-Apr-21
0001614708	7664-93-9	Sulfuric Acid ACS/FCC	2.5	Liters(L)	12-Apr-21
0001614709	7664-93-9	Sulfuric Acid ACS/FCC	2.5	Liters(L)	12-Apr-21
0001614710	7664-93-9	Sulfuric Acid ACS/FCC	2.5	Liters(L)	12-Apr-21
0001614711	7664-93-9	Sulfuric Acid ACS/FCC	2.5	Liters(L)	12-Apr-21
0001614712	7664-93-9	Sulfuric Acid ACS/FCC	2.5	Liters(L)	12-Apr-21
0001614713	7664-93-9	Sulfuric Acid ACS/FCC	2.5	Liters(L)	12-Apr-21
0001614718	7664-93-9	Sulfuric Acid ACS/FCC	2.5	Liters(L)	12-Apr-21
0001614714	7664-93-9	Sulfuric Acid ACS/FCC	2.5	Liters(L)	12-Apr-21
0001614720	7664-93-9	Sulfuric Acid ACS/FCC	2.5	Liters(L)	12-Apr-21
0001614707	7664-93-9	Sulfuric Acid ACS/FCC	2.5	Liters(L)	12-Apr-21
0001614717	7664-93-9	Sulfuric Acid ACS/FCC	2.5	Liters(L)	12-Apr-21
0001614719	7664-93-9	Sulfuric Acid ACS/FCC	2.5	Liters(L)	12-Apr-21
0001614721	67-56-1	METHANOL OPTIMA	4	Liters(L)	12-Apr-21
0001614723	67-56-1	METHANOL OPTIMA	4	Liters(L)	12-Apr-21
0001614722	67-56-1	METHANOL OPTIMA	4	Liters(L)	12-Apr-21
0001614724	67-56-1	METHANOL OPTIMA	4	Liters(L)	12-Apr-21
0001614725	6834-92-0	SODIUM METASILICATE	1	Kilograms(KG)	12-Apr-21
0001614726	6834-92-0	SODIUM METASILICATE	1	Kilograms(KG)	12-Apr-21
0001614727	67-63-0	ISOPROPYL ALCOHOL	16	Ounces(OZ)	12-Apr-21
0001614737	67-63-0	ISOPROPYL ALCOHOL	16	Ounces(OZ)	12-Apr-21
0001614738	67-63-0	ISOPROPYL ALCOHOL	16	Ounces(OZ)	12-Apr-21
0001614736	67-63-0	ISOPROPYL ALCOHOL	16	Ounces(OZ)	12-Apr-21
0001614735	67-63-0	ISOPROPYL ALCOHOL	16	Ounces(OZ)	12-Apr-21
0001614733	67-63-0	ISOPROPYL ALCOHOL	16	Ounces(OZ)	12-Apr-21
0001614732	67-63-0	ISOPROPYL ALCOHOL	16	Ounces(OZ)	12-Apr-21
0001614731	67-63-0	ISOPROPYL ALCOHOL	16	Ounces(OZ)	12-Apr-21
0001614730	67-63-0	ISOPROPYL ALCOHOL	16	Ounces(OZ)	12-Apr-21
0001614728	67-63-0	ISOPROPYL ALCOHOL	16	Ounces(OZ)	12-Apr-21
0001614734	67-63-0	ISOPROPYL ALCOHOL	16	Ounces(OZ)	12-Apr-21
0001614729	67-63-0	ISOPROPYL ALCOHOL	16	Ounces(OZ)	12-Apr-21
0001614739	92-06-8	M-TERPHENYL	25	Gram(GM)	12-Apr-21
0001614740	92-06-8	M-TERPHENYL	25	Gram(GM)	12-Apr-21
0001614741	-	Ethanol Alcohol Reagent anhydrous denatured	1	Liters(L)	12-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001614742	-	Ethanol Alcohol Reagent anhydrous denatured	1	Liters(L)	12-Apr-21
0001614743	67-64-1	ACETONE	4	Liters(L)	12-Apr-21
0001614754	67-64-1	ACETONE	4	Liters(L)	12-Apr-21
0001614753	67-64-1	ACETONE	4	Liters(L)	12-Apr-21
0001614751	67-64-1	ACETONE	4	Liters(L)	12-Apr-21
0001614750	67-64-1	ACETONE	4	Liters(L)	12-Apr-21
0001614748	67-64-1	ACETONE	4	Liters(L)	12-Apr-21
0001614747	67-64-1	ACETONE	4	Liters(L)	12-Apr-21
0001614746	67-64-1	ACETONE	4	Liters(L)	12-Apr-21
0001614745	67-64-1	ACETONE	4	Liters(L)	12-Apr-21
0001614744	67-64-1	ACETONE	4	Liters(L)	12-Apr-21
0001614752	67-64-1	ACETONE	4	Liters(L)	12-Apr-21
0001614749	67-64-1	ACETONE	4	Liters(L)	12-Apr-21
0001614755	-	FullCure RGD837 - VeroPureWhite	3.6	Kilograms(KG)	12-Apr-21
0001614756	-	FullCure RGD837 - VeroPureWhite	3.6	Kilograms(KG)	12-Apr-21
0001614757	-	FullCure RGD837 - VeroPureWhite	3.6	Kilograms(KG)	12-Apr-21
0001614758	7681-52-9	Clorox Concentrated Germicidal Bleach	1	Gallon(GAL)	12-Apr-21
0001614762	7681-52-9	Clorox Concentrated Germicidal Bleach	1	Gallon(GAL)	12-Apr-21
0001614763	7681-52-9	Clorox Concentrated Germicidal Bleach	1	Gallon(GAL)	12-Apr-21
0001614761	7681-52-9	Clorox Concentrated Germicidal Bleach	1	Gallon(GAL)	12-Apr-21
0001614760	7681-52-9	Clorox Concentrated Germicidal Bleach	1	Gallon(GAL)	12-Apr-21
0001614759	7681-52-9	Clorox Concentrated Germicidal Bleach	1	Gallon(GAL)	12-Apr-21
0001614764	122-39-4	DIPHENYLAMINE	5	Gram(GM)	12-Apr-21
0001614765	33941-15-0	1-Aza-18-crown 6-Ether	1	Gram(GM)	12-Apr-21
0001614766	144-48-9	IODOACETAMIDE	25	Gram(GM)	12-Apr-21
0001614767	144-48-9	IODOACETAMIDE	25	Gram(GM)	12-Apr-21
0001614768	7440-42-8	BORON	5	Gram(GM)	12-Apr-21
0001614769	7440-42-8	BORON	5	Gram(GM)	12-Apr-21
0001614770	7440-42-8	BORON	5	Gram(GM)	12-Apr-21
0001614771	7440-42-8	BORON	5	Gram(GM)	12-Apr-21
0001614772	7440-42-8	BORON	5	Gram(GM)	12-Apr-21
0001614773	7440-42-8	BORON	5	Gram(GM)	12-Apr-21
0001614774	7440-42-8	BORON	5	Gram(GM)	12-Apr-21
0001614777	7440-42-8	BORON	5	Gram(GM)	12-Apr-21
0001614776	7440-42-8	BORON	5	Gram(GM)	12-Apr-21
0001614775	7440-42-8	BORON	5	Gram(GM)	12-Apr-21
0001614778	824-94-2	4-Methoxybenzylchloride stabilized	25	Gram(GM)	12-Apr-21
0001614779	-	Sparkleen 1	1	Kilograms(KG)	12-Apr-21
0001614780	-	Sparkleen 1	1	Kilograms(KG)	12-Apr-21
0001614781	101-81-5	DIPHENYLMETHANE	25	Gram(GM)	12-Apr-21
0001614782	2206-27-1	DIMETHYL SULFOXIDE-D6	100	Milliliter(ML)	12-Apr-21
0001614783	64-17-5	REAGENT ALCOHOL (ETHANOL ETHYL ALCOHOL)	1	Liters(L)	12-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001614784	64-17-5	REAGENT ALCOHOL (ETHANOL ETHYL ALCOHOL)	1	Liters(L)	12-Apr-21
0001614786	56-85-9	L-Glutamine	25	Gram(GM)	12-Apr-21
0001614787	60-18-4	L-(-)-TYROSINE	25	Gram(GM)	12-Apr-21
0001614785	50-00-0	FORMALDEHYDE	100	Milliliter(ML)	12-Apr-21
0001614788	75-09-2	DICHLOROMETHANE	4	Liters(L)	12-Apr-21
0001614790	75-09-2	DICHLOROMETHANE	4	Liters(L)	12-Apr-21
0001614789	75-09-2	DICHLOROMETHANE	4	Liters(L)	12-Apr-21
0001614791	110-82-7	CYCLOHEXANE	25	Liters(L)	12-Apr-21
0001614792	110-82-7	CYCLOHEXANE	25	Liters(L)	12-Apr-21
0001614793	110-82-7	CYCLOHEXANE	25	Liters(L)	12-Apr-21
0001614794	110-82-7	CYCLOHEXANE	25	Liters(L)	12-Apr-21
0001614795	-	Microtox Reconstitution Solution	50	Milliliter(ML)	12-Apr-21
0001614796	7447-41-8	LITHIUM CHLORIDE ANHYDROUS	2.5	Kilograms(KG)	12-Apr-21
0001614797	18497-13-7	CHLOROPLATINIC ACID HEXAHYDRATE	5	Gram(GM)	12-Apr-21
0001614798	9002-84-0	POLYTETRAFLUOROETHYLENE	100	Gram(GM)	12-Apr-21
0001627975	-	Pyroil CARB & THROTTLE BODY CLEANER PYC16	13	Ounces(OZ)	12-Apr-21
0001627976	-	Pyroil CARB & THROTTLE BODY CLEANER PYC16	13	Ounces(OZ)	12-Apr-21
0001627977	-	Pyroil CARB & THROTTLE BODY CLEANER PYC16	13	Ounces(OZ)	12-Apr-21
0001627978	-	Pyroil CARB & THROTTLE BODY CLEANER PYC16	13	Ounces(OZ)	12-Apr-21
0001627979	-	Brakleen Brake Parts Cleaner	14	Ounces(OZ)	12-Apr-21
0001627980	-	Brakleen Brake Parts Cleaner	14	Ounces(OZ)	12-Apr-21
0001627981	-	Brakleen Brake Parts Cleaner	14	Ounces(OZ)	12-Apr-21
0001627988	-	CRC BATTERY CLEANER	11	Ounces(OZ)	12-Apr-21
0001627989	-	CRC BATTERY CLEANER	11	Ounces(OZ)	12-Apr-21
0001627992	-	CHAIN AND CABLE FLUID	11	Ounces(OZ)	12-Apr-21
0001627993	-	DUPLI-COLOR Acrylic Enamel Aerosol Paint Gloss White (OSHA White)	12	Ounces(OZ)	12-Apr-21
0001627994	-	DIELECTRIC GREASE	3.3	Ounces(OZ)	12-Apr-21
0001627995	-	DIELECTRIC GREASE	3.3	Ounces(OZ)	12-Apr-21
0001627935	-	VALVOLINE AW-32 HYDRAULIC	5	Gallon(GAL)	12-Apr-21
0001627940	-	Prime Guard -50 RV & Marine Antifreeze	1	Gallon(GAL)	12-Apr-21
0001627969	-	Prime Guard -50 RV & Marine Antifreeze	1	Gallon(GAL)	12-Apr-21
0001627968	-	Prime Guard -50 RV & Marine Antifreeze	1	Gallon(GAL)	12-Apr-21
0001627955	-	Prime Guard -50 RV & Marine Antifreeze	1	Gallon(GAL)	12-Apr-21
0001627967	-	Prime Guard -50 RV & Marine Antifreeze	1	Gallon(GAL)	12-Apr-21
0001627966	-	Prime Guard -50 RV & Marine Antifreeze	1	Gallon(GAL)	12-Apr-21
0001627965	-	Prime Guard -50 RV & Marine Antifreeze	1	Gallon(GAL)	12-Apr-21
0001627953	-	Prime Guard -50 RV & Marine Antifreeze	1	Gallon(GAL)	12-Apr-21
0001627954	-	Prime Guard -50 RV & Marine Antifreeze	1	Gallon(GAL)	12-Apr-21
0001627963	-	Prime Guard -50 RV & Marine Antifreeze	1	Gallon(GAL)	12-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001627956	-	Prime Guard -50 RV & Marine Antifreeze	1	Gallon(GAL)	12-Apr-21
0001627957	-	Prime Guard -50 RV & Marine Antifreeze	1	Gallon(GAL)	12-Apr-21
0001627958	-	Prime Guard -50 RV & Marine Antifreeze	1	Gallon(GAL)	12-Apr-21
0001627962	-	Prime Guard -50 RV & Marine Antifreeze	1	Gallon(GAL)	12-Apr-21
0001627959	-	Prime Guard -50 RV & Marine Antifreeze	1	Gallon(GAL)	12-Apr-21
0001627960	-	Prime Guard -50 RV & Marine Antifreeze	1	Gallon(GAL)	12-Apr-21
0001627964	-	Prime Guard -50 RV & Marine Antifreeze	1	Gallon(GAL)	12-Apr-21
0001627946	-	Prime Guard -50 RV & Marine Antifreeze	1	Gallon(GAL)	12-Apr-21
0001627941	-	Prime Guard -50 RV & Marine Antifreeze	1	Gallon(GAL)	12-Apr-21
0001627942	-	Prime Guard -50 RV & Marine Antifreeze	1	Gallon(GAL)	12-Apr-21
0001627943	-	Prime Guard -50 RV & Marine Antifreeze	1	Gallon(GAL)	12-Apr-21
0001627949	-	Prime Guard -50 RV & Marine Antifreeze	1	Gallon(GAL)	12-Apr-21
0001627945	-	Prime Guard -50 RV & Marine Antifreeze	1	Gallon(GAL)	12-Apr-21
0001627952	-	Prime Guard -50 RV & Marine Antifreeze	1	Gallon(GAL)	12-Apr-21
0001627947	-	Prime Guard -50 RV & Marine Antifreeze	1	Gallon(GAL)	12-Apr-21
0001627948	-	Prime Guard -50 RV & Marine Antifreeze	1	Gallon(GAL)	12-Apr-21
0001627961	-	Prime Guard -50 RV & Marine Antifreeze	1	Gallon(GAL)	12-Apr-21
0001627950	-	Prime Guard -50 RV & Marine Antifreeze	1	Gallon(GAL)	12-Apr-21
0001627951	-	Prime Guard -50 RV & Marine Antifreeze	1	Gallon(GAL)	12-Apr-21
0001627944	-	Prime Guard -50 RV & Marine Antifreeze	1	Gallon(GAL)	12-Apr-21
0001627936	-	ANTIFREEZE & COOLANT	1	Gallon(GAL)	12-Apr-21
0001627939	-	ANTIFREEZE & COOLANT	1	Gallon(GAL)	12-Apr-21
0001627938	-	ANTIFREEZE & COOLANT	1	Gallon(GAL)	12-Apr-21
0001627937	-	ANTIFREEZE & COOLANT	1	Gallon(GAL)	12-Apr-21
0001627970	-	PYROIL BRAKE PARTS CLEANE	13	Ounces(OZ)	12-Apr-21
0001627973	-	PYROIL BRAKE PARTS CLEANE	13	Ounces(OZ)	12-Apr-21
0001627971	-	PYROIL BRAKE PARTS CLEANE	13	Ounces(OZ)	12-Apr-21
0001627974	-	PYROIL BRAKE PARTS CLEANE	13	Ounces(OZ)	12-Apr-21
0001627972	-	PYROIL BRAKE PARTS CLEANE	13	Ounces(OZ)	12-Apr-21
0001627996	-	MOLY DRY FILM LUBRICANT	11	Ounces(OZ)	12-Apr-21
0001627997	-	STARTING FLUID	10.7	Ounces(OZ)	12-Apr-21
0001627998	-	HI TEMPERATURE DISC BRAKE WHEEL BEARING GREASE	14	Ounces(OZ)	12-Apr-21
0001627999	-	Gasoila Soft Set	237	Milliliter(ML)	12-Apr-21
0001628014	-	PYROIL BRAKE PARTS CLEANE	13	Ounces(OZ)	12-Apr-21
0001628025	-	PYROIL BRAKE PARTS CLEANE	13	Ounces(OZ)	12-Apr-21
0001628015	-	PYROIL BRAKE PARTS CLEANE	13	Ounces(OZ)	12-Apr-21
0001628016	-	PYROIL BRAKE PARTS CLEANE	13	Ounces(OZ)	12-Apr-21
0001628017	-	PYROIL BRAKE PARTS CLEANE	13	Ounces(OZ)	12-Apr-21
0001628018	-	PYROIL BRAKE PARTS CLEANE	13	Ounces(OZ)	12-Apr-21
0001628019	-	PYROIL BRAKE PARTS CLEANE	13	Ounces(OZ)	12-Apr-21
0001628020	-	PYROIL BRAKE PARTS CLEANE	13	Ounces(OZ)	12-Apr-21
0001628021	-	PYROIL BRAKE PARTS CLEANE	13	Ounces(OZ)	12-Apr-21
0001628022	-	PYROIL BRAKE PARTS CLEANE	13	Ounces(OZ)	12-Apr-21
0001628024	-	PYROIL BRAKE PARTS CLEANE	13	Ounces(OZ)	12-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001628023	-	PYROIL BRAKE PARTS CLEANE	13	Ounces(OZ)	12-Apr-21
0001628026	-	PYROIL BRAKE PARTS CLEANE	13	Ounces(OZ)	12-Apr-21
0001628027	-	PYROIL BRAKE PARTS CLEANE	13	Ounces(OZ)	12-Apr-21
0001628028	-	PYROIL BRAKE PARTS CLEANE	13	Ounces(OZ)	12-Apr-21
0001628029	-	Battery Terminal Protector (aerosol)	7.5	Ounces(OZ)	12-Apr-21
0001628030	-	Battery Terminal Protector (aerosol)	7.5	Ounces(OZ)	12-Apr-21
0001628031	-	Brakleen Brake Parts Cleaner - Non-chlorinated (aerosol)	14	Ounces(OZ)	12-Apr-21
0001628032	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	12-Apr-21
0001628033	-	STARTING FLUID	10.7	Ounces(OZ)	12-Apr-21
0001628034	-	Pyroil CARB & THROTTLE BODY CLEANER PYC16	13	Ounces(OZ)	12-Apr-21
0001628037	-	PNEUMATIC HYDRAULIC SEALANT	1.22	Ounces(OZ)	12-Apr-21
0001628038	-	PNEUMATIC HYDRAULIC SEALANT	1.22	Ounces(OZ)	12-Apr-21
0001628047	-	VALVOLINE AW-32 HYDRAULIC	5	Gallon(GAL)	12-Apr-21
0001628048	-	VALVOLINE AW-32 HYDRAULIC	5	Gallon(GAL)	12-Apr-21
0001628049	-	VALVOLINE AW-32 HYDRAULIC	5	Gallon(GAL)	12-Apr-21
0001628050	-	Chevron Ultra-Duty Grease EP NLGI 0 1 2	30	Gallon(GAL)	12-Apr-21
0001628051	-	Chevron Ultra-Duty Grease EP NLGI 0 1 2	30	Gallon(GAL)	12-Apr-21
0001628052	-	John Deere Hy-Gard Transmission/Hydraulic Oil	5	Gallon(GAL)	12-Apr-21
0001628053	-	John Deere Hy-Gard Transmission/Hydraulic Oil	5	Gallon(GAL)	12-Apr-21
0001628035	-	Parts Plus Type F ATF	1	Quarts(QT)	12-Apr-21
0001628036	-	Parts Plus Type F ATF	1	Quarts(QT)	12-Apr-21
0001628039	-	PIPE JOINT COMPOUND	16.2	Ounces(OZ)	12-Apr-21
0001628040	-	ANTI SEIZE LUBRICANT	16	Ounces(OZ)	12-Apr-21
0001628041	-	Castrol Go! 4T 10W-40	1	Quarts(QT)	12-Apr-21
0001628045	-	Castrol Go! 4T 10W-40	1	Quarts(QT)	12-Apr-21
0001628042	-	Castrol Go! 4T 10W-40	1	Quarts(QT)	12-Apr-21
0001628044	-	Castrol Go! 4T 10W-40	1	Quarts(QT)	12-Apr-21
0001628043	-	Castrol Go! 4T 10W-40	1	Quarts(QT)	12-Apr-21
0001628046	-	Castrol Go! 4T 10W-40	1	Quarts(QT)	12-Apr-21
V00000808F	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-Apr-21
V00000808D	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-Apr-21
V000008090	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-Apr-21
V00000808E	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-Apr-21
V000008087	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-Apr-21
V000008091	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-Apr-21
V00000808C	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-Apr-21
V000008086	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-Apr-21
V000008088	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-Apr-21
V000008089	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-Apr-21
V00000808A	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-Apr-21
V00000808B	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001614802	108-78-1	MELAMINE 99+%	100	Gram(GM)	12-Apr-21
V0000080A7	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-Apr-21
V0000080B1	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-Apr-21
V0000080A6	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-Apr-21
V0000080AC	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-Apr-21
V0000080A9	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-Apr-21
V0000080AA	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-Apr-21
V0000080AB	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-Apr-21
V0000080A8	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-Apr-21
V0000080AD	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-Apr-21
V0000080AE	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-Apr-21
V0000080B0	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-Apr-21
V0000080B3	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-Apr-21
V0000080B5	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-Apr-21
V0000080A5	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-Apr-21
V0000080B2	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-Apr-21
V0000080AF	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-Apr-21
V00000809B	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-Apr-21
V000008093	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-Apr-21
V0000080A4	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-Apr-21
V000008094	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-Apr-21
V000008095	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-Apr-21
V000008096	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-Apr-21
V0000080B4	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-Apr-21
V000008097	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-Apr-21
V000008098	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-Apr-21
V00000809A	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-Apr-21
V000008092	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-Apr-21
V00000809C	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-Apr-21
V00000809D	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-Apr-21
V00000809E	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-Apr-21
V00000809F	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-Apr-21
V0000080A0	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-Apr-21
V0000080A1	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-Apr-21
V0000080A2	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-Apr-21
V0000080A3	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-Apr-21
V000008099	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-Apr-21
0001614803	7631-86-9	SILICON DIOXIDE	1	Kilograms(KG)	12-Apr-21
0001614804	530-44-9	4-(DIMETHYLAMINO) BENZOPHENONE	10	Gram(GM)	12-Apr-21
0001614805	60-29-7	ETHYL ETHER ANHYDROUS	4	Liters(L)	12-Apr-21
0001614806	5003-71-4	3-BROMOPROPYLAMINE HYDROB	100	Gram(GM)	12-Apr-21
0001578639	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	12-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001578641	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	12-Apr-21
0001578640	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	12-Apr-21
0001578642	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	12-Apr-21
0001578643	-	Zinsser BULLS EYE 1-2-3	1	Gallon(GAL)	12-Apr-21
0001578644	-	Paramount Ext. 100% Acrylic Flat W/B	1	Gallon(GAL)	12-Apr-21
0001578649	-	Paramount Ext. 100% Acrylic Flat W/B	1	Gallon(GAL)	12-Apr-21
0001578645	-	Paramount Ext. 100% Acrylic Flat W/B	1	Gallon(GAL)	12-Apr-21
0001578646	-	Paramount Ext. 100% Acrylic Flat W/B	1	Gallon(GAL)	12-Apr-21
0001578647	-	Paramount Ext. 100% Acrylic Flat W/B	1	Gallon(GAL)	12-Apr-21
0001578651	-	Paramount Ext. 100% Acrylic Flat W/B	1	Gallon(GAL)	12-Apr-21
0001578648	-	Paramount Ext. 100% Acrylic Flat W/B	1	Gallon(GAL)	12-Apr-21
0001578650	-	Paramount Ext. 100% Acrylic Flat W/B	1	Gallon(GAL)	12-Apr-21
0001614807	-	LOCTITE AA 366 LIGHT CURE UV ADHESIVE	1	Liters(L)	12-Apr-21
0001614808	14985-18-3	ZIRCONYL NITRATE HYDRATE	100	Gram(GM)	12-Apr-21
0001614809	5326-47-6	2-Amino-5-iodobenzoic acid	25	Gram(GM)	12-Apr-21
0001614810	5326-47-6	2-Amino-5-iodobenzoic acid	25	Gram(GM)	12-Apr-21
0001614811	5326-47-6	2-Amino-5-iodobenzoic acid	25	Gram(GM)	12-Apr-21
0001614812	5326-47-6	2-Amino-5-iodobenzoic acid	25	Gram(GM)	12-Apr-21
0001614813	-	Aliquat 336 TG	2500	Milliliter(ML)	12-Apr-21
0001614814	1318-93-0	MONTMORILLONITE	1	Kilograms(KG)	12-Apr-21
0001614815	7440-44-0	ACTIVATED CARBON	1	Kilograms(KG)	12-Apr-21
0001614817	7440-44-0	ACTIVATED CARBON	1	Kilograms(KG)	12-Apr-21
0001614818	7440-44-0	ACTIVATED CARBON	1	Kilograms(KG)	12-Apr-21
0001614819	7440-44-0	ACTIVATED CARBON	1	Kilograms(KG)	12-Apr-21
0001614816	7440-44-0	ACTIVATED CARBON	1	Kilograms(KG)	12-Apr-21
0001614820	75-11-6	DIIODOMETHANE	2.5	Kilograms(KG)	12-Apr-21
0001614821	98-01-1	2-FURALDEHYDE	1	Liters(L)	12-Apr-21
0001614822	75-52-5	NITROMETHANE	2.5	Liters(L)	12-Apr-21
0001614823	67-64-1	ACETONE	5	Gallon(GAL)	12-Apr-21
0001614824	64-19-7	ACETIC ACID	2.5	Liters(L)	12-Apr-21
0001750401	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750461	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750470	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750469	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750468	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750467	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750466	-	BAR AND CHAIN OIL	1	Quarts(QT)	12-Apr-21
0001750465	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750464	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750449	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750463	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750452	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001750462	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750483	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750460	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750459	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750458	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750457	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750456	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750455	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750454	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750453	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750471	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750451	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750450	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750485	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750495	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750496	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750494	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750448	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750493	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750492	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750491	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750490	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750489	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750488	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750481	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750486	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750472	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750484	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750482	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750480	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750479	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750478	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750477	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750476	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750475	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750474	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750473	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750487	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750412	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750423	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750422	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750421	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750420	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750419	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750418	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001750417	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750416	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750415	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750424	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750413	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750408	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750411	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750410	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750409	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750407	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750405	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750404	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750403	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750402	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750447	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750414	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750441	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750406	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750425	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750446	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750445	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750444	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750443	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750442	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750440	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750439	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750438	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750437	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750428	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750435	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750434	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750433	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750426	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750427	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750432	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750431	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750430	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750429	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750436	-	BAR AND CHAIN OIL	2.6	Ounces(OZ)	12-Apr-21
0001750497	-	BAR AND CHAIN OIL	1	Quarts(QT)	12-Apr-21
0001750508	-	BAR AND CHAIN OIL	1	Quarts(QT)	12-Apr-21
0001750518	-	BAR AND CHAIN OIL	1	Quarts(QT)	12-Apr-21
0001750516	-	BAR AND CHAIN OIL	1	Quarts(QT)	12-Apr-21
0001750515	-	BAR AND CHAIN OIL	1	Quarts(QT)	12-Apr-21
0001750499	-	BAR AND CHAIN OIL	1	Quarts(QT)	12-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001750514	-	BAR AND CHAIN OIL	1	Quarts(QT)	12-Apr-21
0001750519	-	BAR AND CHAIN OIL	1	Quarts(QT)	12-Apr-21
0001750513	-	BAR AND CHAIN OIL	1	Quarts(QT)	12-Apr-21
0001750512	-	BAR AND CHAIN OIL	1	Quarts(QT)	12-Apr-21
0001750511	-	BAR AND CHAIN OIL	1	Quarts(QT)	12-Apr-21
0001750510	-	BAR AND CHAIN OIL	1	Quarts(QT)	12-Apr-21
0001750509	-	BAR AND CHAIN OIL	1	Quarts(QT)	12-Apr-21
0001750517	-	BAR AND CHAIN OIL	1	Quarts(QT)	12-Apr-21
0001750506	-	BAR AND CHAIN OIL	1	Quarts(QT)	12-Apr-21
0001750505	-	BAR AND CHAIN OIL	1	Quarts(QT)	12-Apr-21
0001750504	-	BAR AND CHAIN OIL	1	Quarts(QT)	12-Apr-21
0001750503	-	BAR AND CHAIN OIL	1	Quarts(QT)	12-Apr-21
0001750502	-	BAR AND CHAIN OIL	1	Quarts(QT)	12-Apr-21
0001750500	-	BAR AND CHAIN OIL	1	Quarts(QT)	12-Apr-21
0001750498	-	BAR AND CHAIN OIL	1	Quarts(QT)	12-Apr-21
0001750520	-	BAR AND CHAIN OIL	1	Quarts(QT)	12-Apr-21
0001750507	-	BAR AND CHAIN OIL	1	Quarts(QT)	12-Apr-21
0001750501	-	BAR AND CHAIN OIL	1	Quarts(QT)	12-Apr-21
0001614825	2576-47-8	2-BROMOETHYLAMINE HYDROBROMIDE	100	Gram(GM)	13-Apr-21
0001614826	27607-77-8	TRIMETHYLSILYLTRIFLUOROMETHANESULFONATE	10	Gram(GM)	13-Apr-21
0001614827	27607-77-8	TRIMETHYLSILYLTRIFLUOROMETHANESULFONATE	10	Gram(GM)	13-Apr-21
0001614828	7758-02-3	POTASSIUM BROMIDE	100	Gram(GM)	13-Apr-21
0001614829	-	Platinum Nominally 50% Ruthenium Nominally 25% On High Surface Area Advanced Carbon Support	1	Gram(GM)	13-Apr-21
0001614830	7697-37-2	NITRIC ACID	2.5	Liters(L)	13-Apr-21
0001614831	7697-37-2	NITRIC ACID	2.5	Liters(L)	13-Apr-21
0001614832	-	POLYFAST	7.5	Kilograms(KG)	13-Apr-21
0001614833	-	AP-D POWDER	1	Kilograms(KG)	13-Apr-21
0001612710	-	ALIZARIN RED S 1% AQUEOUS SOLUTION	50	Milliliter(ML)	13-Apr-21
0001612711	-	ALIZARIN RED S 1% AQUEOUS SOLUTION	50	Milliliter(ML)	13-Apr-21
0001614834	-	H2SO4 PRESERVATION KIT FOR 1000 ML CONTAINER	100	Milliliter(ML)	13-Apr-21
0001614840	-	H2SO4 PRESERVATION KIT FOR 1000 ML CONTAINER	100	Milliliter(ML)	13-Apr-21
0001614835	-	H2SO4 PRESERVATION KIT FOR 1000 ML CONTAINER	100	Milliliter(ML)	13-Apr-21
0001614836	-	H2SO4 PRESERVATION KIT FOR 1000 ML CONTAINER	100	Milliliter(ML)	13-Apr-21
0001614841	-	H2SO4 PRESERVATION KIT FOR 1000 ML CONTAINER	100	Milliliter(ML)	13-Apr-21
0001614839	-	H2SO4 PRESERVATION KIT FOR 1000 ML CONTAINER	100	Milliliter(ML)	13-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001614838	-	H2SO4 PRESERVATION KIT FOR 1000 ML CONTAINER	100	Milliliter(ML)	13-Apr-21
0001614837	-	H2SO4 PRESERVATION KIT FOR 1000 ML CONTAINER	100	Milliliter(ML)	13-Apr-21
0001614842	-	H2SO4 Preservation for a 500 mL Container	500	Milliliter(ML)	13-Apr-21
0001614844	-	H2SO4 Preservation for a 500 mL Container	500	Milliliter(ML)	13-Apr-21
0001614845	-	H2SO4 Preservation for a 500 mL Container	500	Milliliter(ML)	13-Apr-21
0001614843	-	H2SO4 Preservation for a 500 mL Container	500	Milliliter(ML)	13-Apr-21
0001614846	-	HNO3 PRESERVATION KIT FOR 1000 ML CONTAINER	100	Milliliter(ML)	13-Apr-21
0001614854	-	HNO3 PRESERVATION KIT FOR 1000 ML CONTAINER	100	Milliliter(ML)	13-Apr-21
0001614848	-	HNO3 PRESERVATION KIT FOR 1000 ML CONTAINER	100	Milliliter(ML)	13-Apr-21
0001614851	-	HNO3 PRESERVATION KIT FOR 1000 ML CONTAINER	100	Milliliter(ML)	13-Apr-21
0001614857	-	HNO3 PRESERVATION KIT FOR 1000 ML CONTAINER	100	Milliliter(ML)	13-Apr-21
0001614855	-	HNO3 PRESERVATION KIT FOR 1000 ML CONTAINER	100	Milliliter(ML)	13-Apr-21
0001614856	-	HNO3 PRESERVATION KIT FOR 1000 ML CONTAINER	100	Milliliter(ML)	13-Apr-21
0001614847	-	HNO3 PRESERVATION KIT FOR 1000 ML CONTAINER	100	Milliliter(ML)	13-Apr-21
0001614853	-	HNO3 PRESERVATION KIT FOR 1000 ML CONTAINER	100	Milliliter(ML)	13-Apr-21
0001614852	-	HNO3 PRESERVATION KIT FOR 1000 ML CONTAINER	100	Milliliter(ML)	13-Apr-21
0001614849	-	HNO3 PRESERVATION KIT FOR 1000 ML CONTAINER	100	Milliliter(ML)	13-Apr-21
0001614850	-	HNO3 PRESERVATION KIT FOR 1000 ML CONTAINER	100	Milliliter(ML)	13-Apr-21
0001614858	7697-37-2	HNO3 Preservation for 500 ml Container	500	Milliliter(ML)	13-Apr-21
0001614862	7697-37-2	HNO3 Preservation for 500 ml Container	500	Milliliter(ML)	13-Apr-21
0001614859	7697-37-2	HNO3 Preservation for 500 ml Container	500	Milliliter(ML)	13-Apr-21
0001614861	7697-37-2	HNO3 Preservation for 500 ml Container	500	Milliliter(ML)	13-Apr-21
0001614863	7697-37-2	HNO3 Preservation for 500 ml Container	500	Milliliter(ML)	13-Apr-21
0001614864	7697-37-2	HNO3 Preservation for 500 ml Container	500	Milliliter(ML)	13-Apr-21
0001614865	7697-37-2	HNO3 Preservation for 500 ml Container	500	Milliliter(ML)	13-Apr-21
0001614860	7697-37-2	HNO3 Preservation for 500 ml Container	500	Milliliter(ML)	13-Apr-21
0001614866	-	3M Scotch-Weld Epoxy Adhesive DP100 A&B	1.64	Ounces(OZ)	13-Apr-21
0001614872	-	3M Scotch-Weld Epoxy Adhesive DP100 A&B	1.64	Ounces(OZ)	13-Apr-21
0001614867	-	3M Scotch-Weld Epoxy Adhesive DP100 A&B	1.64	Ounces(OZ)	13-Apr-21
0001614868	-	3M Scotch-Weld Epoxy Adhesive DP100 A&B	1.64	Ounces(OZ)	13-Apr-21
0001614869	-	3M Scotch-Weld Epoxy Adhesive DP100 A&B	1.64	Ounces(OZ)	13-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001614870	-	3M Scotch-Weld Epoxy Adhesive DP100 A&B	1.64	Ounces(OZ)	13-Apr-21
0001614871	-	3M Scotch-Weld Epoxy Adhesive DP100 A&B	1.64	Ounces(OZ)	13-Apr-21
0001614873	-	3M Scotch-Weld Epoxy Adhesive DP100 A&B	1.64	Ounces(OZ)	13-Apr-21
0001614875	11119-67-8	Dowex 50WX8 50-100 (H)	100	Gram(GM)	13-Apr-21
0001614876	107-21-1	ETHYLENE GLYCOL	1	Liters(L)	13-Apr-21
0001614877	64-17-5	Ethanol absolute for analysis EMSURE ACS ISO Reag. Ph	2.5	Liters(L)	13-Apr-21
0001614878	64-17-5	Ethanol absolute for analysis EMSURE ACS ISO Reag. Ph	2.5	Liters(L)	13-Apr-21
0001614879	67-63-0	ISOPROPANOL (2-PROPANOL)	4	Liters(L)	13-Apr-21
0001614882	67-63-0	ISOPROPANOL (2-PROPANOL)	4	Liters(L)	13-Apr-21
0001614881	67-63-0	ISOPROPANOL (2-PROPANOL)	4	Liters(L)	13-Apr-21
0001614880	67-63-0	ISOPROPANOL (2-PROPANOL)	4	Liters(L)	13-Apr-21
0001614883	67-64-1	ACETONE	4	Liters(L)	13-Apr-21
0001614884	-	Hydrochloric Acid	500	Milliliter(ML)	13-Apr-21
0001614885	64-17-5	ETHYL ALCOHOL-200 PROOF	4	Liters(L)	13-Apr-21
0001614886	108-88-3	TOLUENE ANHYDROUS	1	Liters(L)	13-Apr-21
0001614888	108-88-3	TOLUENE ANHYDROUS	1	Liters(L)	13-Apr-21
0001614891	108-88-3	TOLUENE ANHYDROUS	1	Liters(L)	13-Apr-21
0001614889	108-88-3	TOLUENE ANHYDROUS	1	Liters(L)	13-Apr-21
0001614887	108-88-3	TOLUENE ANHYDROUS	1	Liters(L)	13-Apr-21
0001614890	108-88-3	TOLUENE ANHYDROUS	1	Liters(L)	13-Apr-21
0001614892	407-25-0	TRIFLUOROACETIC ANHYDRIDE	500	Gram(GM)	13-Apr-21
0001614799	7601-54-9	TRISODIUM PHOSPHATE	500	Gram(GM)	13-Apr-21
0001614801	7601-54-9	TRISODIUM PHOSPHATE	500	Gram(GM)	13-Apr-21
0001614800	7601-54-9	TRISODIUM PHOSPHATE	500	Gram(GM)	13-Apr-21
0001614893	14808-60-7	SILICON DIOXIDE 325 MESH CYRSTALLINE	2.5	Kilograms(KG)	13-Apr-21
0001614894	682-01-9	Tetrapropyl orthosilicate	500	Milliliter(ML)	13-Apr-21
0001614895	682-01-9	Tetrapropyl orthosilicate	500	Milliliter(ML)	13-Apr-21
0001614896	682-01-9	Tetrapropyl orthosilicate	500	Milliliter(ML)	13-Apr-21
0001614897	109-74-0	BUTYRONITRILE	500	Milliliter(ML)	13-Apr-21
0001614898	109-74-0	BUTYRONITRILE	500	Milliliter(ML)	13-Apr-21
0001614904	-	STARRETT GRANITE SURFACE PLATE CLEANER	1	Gallon(GAL)	13-Apr-21
0001614905	-	4570 Epoxy Hardener	5	Gallon(GAL)	13-Apr-21
0001678424	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	13-Apr-21
0001678456	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	13-Apr-21
0001678457	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	13-Apr-21
0001678458	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	13-Apr-21
0001678459	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	13-Apr-21
0001678460	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	13-Apr-21
0001678461	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	13-Apr-21
0001678453	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	13-Apr-21
0001678462	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	13-Apr-21
0001678454	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	13-Apr-21
0001678463	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	13-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001678455	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	13-Apr-21
0001678451	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	13-Apr-21
0001678452	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	13-Apr-21
0001678450	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	13-Apr-21
0001678449	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	13-Apr-21
0001678448	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	13-Apr-21
0001678447	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	13-Apr-21
0001678468	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	13-Apr-21
0001678469	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	13-Apr-21
0001678467	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	13-Apr-21
0001678466	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	13-Apr-21
0001678465	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	13-Apr-21
0001678464	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	13-Apr-21
0001678470	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	13-Apr-21
0001678425	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Apr-21
0001678543	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Apr-21
0001678532	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Apr-21
0001678534	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Apr-21
0001678535	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Apr-21
0001678536	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Apr-21
0001678537	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Apr-21
0001678538	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Apr-21
0001678539	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Apr-21
0001678540	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Apr-21
0001678542	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Apr-21
0001678544	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Apr-21
0001678545	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Apr-21
0001678546	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Apr-21
0001678551	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Apr-21
0001678550	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Apr-21
0001678531	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Apr-21
0001678549	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Apr-21
0001678548	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Apr-21
0001678547	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Apr-21
0001678541	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Apr-21
0001678533	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Apr-21
0001678518	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Apr-21
0001678525	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Apr-21
0001678509	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Apr-21
0001678510	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Apr-21
0001678511	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Apr-21
0001678512	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Apr-21
0001678513	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Apr-21
0001678514	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Apr-21
0001678515	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001678517	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Apr-21
0001678530	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Apr-21
0001678526	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Apr-21
0001678527	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Apr-21
0001678516	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Apr-21
0001678529	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Apr-21
0001678519	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Apr-21
0001678524	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Apr-21
0001678523	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Apr-21
0001678522	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Apr-21
0001678521	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Apr-21
0001678520	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Apr-21
0001678528	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Apr-21
0001678426	-	Oxygen Nitrogen	1.2	Cubic Feet(CF)	13-Apr-21
0001678427	-	Oxygen Nitrogen	1.2	Cubic Feet(CF)	13-Apr-21
0001678428	-	Oxygen Nitrogen	1.2	Cubic Feet(CF)	13-Apr-21
0001678429	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678430	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678562	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678571	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678570	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678569	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678568	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678567	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678582	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678566	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678565	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678572	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678563	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678552	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678561	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678560	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678559	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678558	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678557	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678556	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678555	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678554	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678553	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678564	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678605	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678595	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678596	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678597	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678598	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001678599	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678601	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678594	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678604	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678600	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678606	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678607	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678608	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678609	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678610	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678580	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678573	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678603	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678577	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678574	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678602	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678576	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678593	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678578	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678579	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678581	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678583	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678584	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678591	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678575	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678585	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678592	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678590	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678589	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678588	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678587	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678586	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678630	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678634	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678632	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678633	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678636	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678635	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678631	-	ARGON GAS	220	Cubic Feet(CF)	13-Apr-21
0001678431	-	Compressed Air	220	Cubic Feet(CF)	13-Apr-21
0001678435	-	Compressed Air	220	Cubic Feet(CF)	13-Apr-21
0001678432	-	Compressed Air	220	Cubic Feet(CF)	13-Apr-21
0001678434	-	Compressed Air	220	Cubic Feet(CF)	13-Apr-21
0001678436	-	Compressed Air	220	Cubic Feet(CF)	13-Apr-21
0001678433	-	Compressed Air	220	Cubic Feet(CF)	13-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001678619	-	Compressed Air	220	Cubic Feet(CF)	13-Apr-21
0001678627	-	Compressed Air	220	Cubic Feet(CF)	13-Apr-21
0001678615	-	Compressed Air	220	Cubic Feet(CF)	13-Apr-21
0001678612	-	Compressed Air	220	Cubic Feet(CF)	13-Apr-21
0001678621	-	Compressed Air	220	Cubic Feet(CF)	13-Apr-21
0001678626	-	Compressed Air	220	Cubic Feet(CF)	13-Apr-21
0001678614	-	Compressed Air	220	Cubic Feet(CF)	13-Apr-21
0001678616	-	Compressed Air	220	Cubic Feet(CF)	13-Apr-21
0001678617	-	Compressed Air	220	Cubic Feet(CF)	13-Apr-21
0001678618	-	Compressed Air	220	Cubic Feet(CF)	13-Apr-21
0001678624	-	Compressed Air	220	Cubic Feet(CF)	13-Apr-21
0001678620	-	Compressed Air	220	Cubic Feet(CF)	13-Apr-21
0001678622	-	Compressed Air	220	Cubic Feet(CF)	13-Apr-21
0001678623	-	Compressed Air	220	Cubic Feet(CF)	13-Apr-21
0001678613	-	Compressed Air	220	Cubic Feet(CF)	13-Apr-21
0001678625	-	Compressed Air	220	Cubic Feet(CF)	13-Apr-21
0001678437	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Apr-21
0001678490	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Apr-21
0001678489	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Apr-21
0001678488	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Apr-21
0001678481	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Apr-21
0001678487	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Apr-21
0001678486	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Apr-21
0001678484	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Apr-21
0001678483	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Apr-21
0001678491	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Apr-21
0001678473	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Apr-21
0001678482	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Apr-21
0001678485	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Apr-21
0001678479	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001678478	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Apr-21
0001678477	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Apr-21
0001678476	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Apr-21
0001678474	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Apr-21
0001678472	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Apr-21
0001678471	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Apr-21
0001678480	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Apr-21
0001678475	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Apr-21
0001678504	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Apr-21
0001678496	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Apr-21
0001678503	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Apr-21
0001678493	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Apr-21
0001678495	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Apr-21
0001678497	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Apr-21
0001678498	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Apr-21
0001678499	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Apr-21
0001678500	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Apr-21
0001678501	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Apr-21
0001678502	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Apr-21
0001678506	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Apr-21
0001678494	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Apr-21
0001678505	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001678492	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	13-Apr-21
0001678611	7727-37-9	NITROGEN GAS	400	Cubic Feet(CF)	13-Apr-21
0001678642	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	13-Apr-21
0001614899	-	RP SUPER FILTER COAT #412 #420 #421 #422 BULK	10	Ounces(OZ)	13-Apr-21
0001614903	-	RP SUPER FILTER COAT #412 #420 #421 #422 BULK	10	Ounces(OZ)	13-Apr-21
0001614900	-	RP SUPER FILTER COAT #412 #420 #421 #422 BULK	10	Ounces(OZ)	13-Apr-21
0001614901	-	RP SUPER FILTER COAT #412 #420 #421 #422 BULK	10	Ounces(OZ)	13-Apr-21
0001614902	-	RP SUPER FILTER COAT #412 #420 #421 #422 BULK	10	Ounces(OZ)	13-Apr-21
0001614874	-	Zinc ICP standard traceable to SRM from NIST Zn(NO3)2 in HNO3 2-3% 1000 mg/l Zn CertiPUR	100	Milliliter(ML)	13-Apr-21
0001614908	-	STOPCOCK GREASE	450	Gram(GM)	13-Apr-21
0001614909	-	STOPCOCK GREASE	450	Gram(GM)	13-Apr-21
0001614910	-	STOPCOCK GREASE	450	Gram(GM)	13-Apr-21
0001614911	-	STOPCOCK GREASE	450	Gram(GM)	13-Apr-21
0001614912	-	Ethanol Alcohol Reagent anhydrous denatured	500	Milliliter(ML)	13-Apr-21
0001614923	-	Ethanol Alcohol Reagent anhydrous denatured	500	Milliliter(ML)	13-Apr-21
0001614920	-	Ethanol Alcohol Reagent anhydrous denatured	500	Milliliter(ML)	13-Apr-21
0001614921	-	Ethanol Alcohol Reagent anhydrous denatured	500	Milliliter(ML)	13-Apr-21
0001614913	-	Ethanol Alcohol Reagent anhydrous denatured	500	Milliliter(ML)	13-Apr-21
0001614914	-	Ethanol Alcohol Reagent anhydrous denatured	500	Milliliter(ML)	13-Apr-21
0001614915	-	Ethanol Alcohol Reagent anhydrous denatured	500	Milliliter(ML)	13-Apr-21
0001614916	-	Ethanol Alcohol Reagent anhydrous denatured	500	Milliliter(ML)	13-Apr-21
0001614917	-	Ethanol Alcohol Reagent anhydrous denatured	500	Milliliter(ML)	13-Apr-21
0001614918	-	Ethanol Alcohol Reagent anhydrous denatured	500	Milliliter(ML)	13-Apr-21
0001614919	-	Ethanol Alcohol Reagent anhydrous denatured	500	Milliliter(ML)	13-Apr-21
0001614922	-	Ethanol Alcohol Reagent anhydrous denatured	500	Milliliter(ML)	13-Apr-21
0001678438	75-45-6	CHLORODIFLUOROMETHANE	30	Cubic Feet(CF)	14-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001678439	75-45-6	CHLORODIFLUOROMETHANE	30	Cubic Feet(CF)	14-Apr-21
0001678440	74-98-6	PROPANE	11	Gallon(GAL)	14-Apr-21
0001678441	74-98-6	PROPANE	11	Gallon(GAL)	14-Apr-21
0001678444	74-98-6	PROPANE	11	Gallon(GAL)	14-Apr-21
0001678443	74-98-6	PROPANE	11	Gallon(GAL)	14-Apr-21
0001678442	74-98-6	PROPANE	11	Gallon(GAL)	14-Apr-21
0001678445	74-98-6	PROPANE	5	Gallon(GAL)	14-Apr-21
0001678446	74-98-6	PROPANE	5	Gallon(GAL)	14-Apr-21
0000168507	74-82-8	METHANE	300	Cubic Feet(CF)	14-Apr-21
0001578652	-	Zinsser BULLS EYE 1-2-3	1	Gallon(GAL)	14-Apr-21
0001578653	-	Zinsser BULLS EYE 1-2-3	1	Gallon(GAL)	14-Apr-21
0001578654	-	Zinsser BULLS EYE 1-2-3	1	Gallon(GAL)	14-Apr-21
0001578655	-	Zinsser BULLS EYE 1-2-3	1	Gallon(GAL)	14-Apr-21
0001578656	-	Professional Deep Cleaning or Advanced Professional Deep Cleaning	52	Ounces(OZ)	14-Apr-21
0001578668	-	Professional Deep Cleaning or Advanced Professional Deep Cleaning	52	Ounces(OZ)	14-Apr-21
0001578666	-	Professional Deep Cleaning or Advanced Professional Deep Cleaning	52	Ounces(OZ)	14-Apr-21
0001578676	-	Professional Deep Cleaning or Advanced Professional Deep Cleaning	52	Ounces(OZ)	14-Apr-21
0001578677	-	Professional Deep Cleaning or Advanced Professional Deep Cleaning	52	Ounces(OZ)	14-Apr-21
0001578678	-	Professional Deep Cleaning or Advanced Professional Deep Cleaning	52	Ounces(OZ)	14-Apr-21
0001578672	-	Professional Deep Cleaning or Advanced Professional Deep Cleaning	52	Ounces(OZ)	14-Apr-21
0001578679	-	Professional Deep Cleaning or Advanced Professional Deep Cleaning	52	Ounces(OZ)	14-Apr-21
0001578671	-	Professional Deep Cleaning or Advanced Professional Deep Cleaning	52	Ounces(OZ)	14-Apr-21
0001578660	-	Professional Deep Cleaning or Advanced Professional Deep Cleaning	52	Ounces(OZ)	14-Apr-21
0001578659	-	Professional Deep Cleaning or Advanced Professional Deep Cleaning	52	Ounces(OZ)	14-Apr-21
0001578662	-	Professional Deep Cleaning or Advanced Professional Deep Cleaning	52	Ounces(OZ)	14-Apr-21
0001578657	-	Professional Deep Cleaning or Advanced Professional Deep Cleaning	52	Ounces(OZ)	14-Apr-21
0001578674	-	Professional Deep Cleaning or Advanced Professional Deep Cleaning	52	Ounces(OZ)	14-Apr-21
0001578665	-	Professional Deep Cleaning or Advanced Professional Deep Cleaning	52	Ounces(OZ)	14-Apr-21
0001578661	-	Professional Deep Cleaning or Advanced Professional Deep Cleaning	52	Ounces(OZ)	14-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001578664	-	Professional Deep Cleaning or Advanced Professional Deep Cleaning	52	Ounces(OZ)	14-Apr-21
0001578663	-	Professional Deep Cleaning or Advanced Professional Deep Cleaning	52	Ounces(OZ)	14-Apr-21
0001578667	-	Professional Deep Cleaning or Advanced Professional Deep Cleaning	52	Ounces(OZ)	14-Apr-21
0001578670	-	Professional Deep Cleaning or Advanced Professional Deep Cleaning	52	Ounces(OZ)	14-Apr-21
0001578669	-	Professional Deep Cleaning or Advanced Professional Deep Cleaning	52	Ounces(OZ)	14-Apr-21
0001578673	-	Professional Deep Cleaning or Advanced Professional Deep Cleaning	52	Ounces(OZ)	14-Apr-21
0001578675	-	Professional Deep Cleaning or Advanced Professional Deep Cleaning	52	Ounces(OZ)	14-Apr-21
0001578658	-	Professional Deep Cleaning or Advanced Professional Deep Cleaning	52	Ounces(OZ)	14-Apr-21
0001678628	-	75% ARGON/25% CARBON DIOXIDE	220	Cubic Feet(CF)	14-Apr-21
0001678629	-	75% ARGON/25% CARBON DIOXIDE	220	Cubic Feet(CF)	14-Apr-21
0001678637	124-38-9	CARBON DIOXIDE GAS	50	Cubic Feet(CF)	14-Apr-21
0001678638	124-38-9	CARBON DIOXIDE GAS	50	Cubic Feet(CF)	14-Apr-21
0001678641	124-38-9	CARBON DIOXIDE GAS	50	Cubic Feet(CF)	14-Apr-21
0001678639	124-38-9	CARBON DIOXIDE GAS	50	Cubic Feet(CF)	14-Apr-21
0001678640	124-38-9	CARBON DIOXIDE GAS	50	Cubic Feet(CF)	14-Apr-21
V0000080C2	-	PARTS PLUS ANTIFREEZE & COOLANT	1	Gallon(GAL)	14-Apr-21
V0000080C3	-	PARTS PLUS ANTIFREEZE & COOLANT	1	Gallon(GAL)	14-Apr-21
0001614924	-	LANL-48	250	Milliliter(ML)	14-Apr-21
0001614925	-	LANL-48	250	Milliliter(ML)	14-Apr-21
0001614926	-	LANL-49	250	Milliliter(ML)	14-Apr-21
0001614927	-	LANL-49	250	Milliliter(ML)	14-Apr-21
0001614928	-	LANL-50	250	Milliliter(ML)	14-Apr-21
0001614929	-	LANL-50	250	Milliliter(ML)	14-Apr-21
0001614930	-	LANL-51	250	Milliliter(ML)	14-Apr-21
0001614931	-	LANL-51	250	Milliliter(ML)	14-Apr-21
0001614932	-	LANL-52	250	Milliliter(ML)	14-Apr-21
0001614933	-	LANL-52	250	Milliliter(ML)	14-Apr-21
0001614934	60239-18-1	TETRAAZACYCLODODECANE-1 4 7 10	1	Gram(GM)	14-Apr-21
0001614935	-	STYCAST 1266 PART A CLEAR	1	Quarts(QT)	14-Apr-21
0001614936	141-43-5	ETHANOLAMINE (2-AMINOETHANOL)	500	Gram(GM)	14-Apr-21
0001614937	7439-96-5	MANGANESE POWDER	50	Gram(GM)	14-Apr-21
0001614906	-	Isopropyl Alcohol Electronics Cleaner	450	Gram(GM)	14-Apr-21
0001614907	-	No Clean Solder Paste	35	Gram(GM)	14-Apr-21
0001614938	75-09-2	DICHLOROMETHANE	4	Liters(L)	14-Apr-21
0001678508	-	2% Hydrogen/Balance Carbon Dioxide	40	Cubic Feet(CF)	14-Apr-21
0001614939	75-09-2	DICHLOROMETHANE	4	Liters(L)	14-Apr-21
0001614940	75-09-2	DICHLOROMETHANE	4	Liters(L)	14-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001614941	75-09-2	DICHLOROMETHANE	4	Liters(L)	14-Apr-21
0001614942	14808-60-7	QUARTZ	10	Gram(GM)	14-Apr-21
0001678654	-	R-410A	25	Cubic Feet(CF)	14-Apr-21
0001678657	-	R-410A	25	Cubic Feet(CF)	14-Apr-21
0001678663	-	R-410A	25	Cubic Feet(CF)	14-Apr-21
0001678662	-	R-410A	25	Cubic Feet(CF)	14-Apr-21
0001678661	-	R-410A	25	Cubic Feet(CF)	14-Apr-21
0001678660	-	R-410A	25	Cubic Feet(CF)	14-Apr-21
0001678658	-	R-410A	25	Cubic Feet(CF)	14-Apr-21
0001678664	-	R-410A	25	Cubic Feet(CF)	14-Apr-21
0001678656	-	R-410A	25	Cubic Feet(CF)	14-Apr-21
0001678655	-	R-410A	25	Cubic Feet(CF)	14-Apr-21
0001678659	-	R-410A	25	Cubic Feet(CF)	14-Apr-21
0001614943	14235-81-5	4-Ethynylaniline	25	Gram(GM)	14-Apr-21
0001678665	124-38-9	CARBON DIOXIDE GAS	300	Cubic Feet(CF)	14-Apr-21
0001614944	144-55-8	SODIUM BICARBONATE	500	Gram(GM)	14-Apr-21
0001678643	-	ARGON GAS	4	Liters(L)	14-Apr-21
0001678644	-	ARGON GAS	220	Cubic Feet(CF)	14-Apr-21
0001678648	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	14-Apr-21
0001678652	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	14-Apr-21
0001678651	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	14-Apr-21
0001678653	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	14-Apr-21
0001614945	604-68-2	ALFA-D-(+)-GLUCOSE PENTAACETATE	250	Gram(GM)	14-Apr-21
0001614946	-	DRIERITE INDICATING (4 MESH)	454	Gram(GM)	14-Apr-21
0001614947	64-19-7	ACETIC ACID GLACIAL	2.5	Liters(L)	14-Apr-21
0001614948	5470-11-1	HYDROXYLAMINE HYDROCHLORIDE	100	Gram(GM)	14-Apr-21
0001614949	7439-96-5	MANGANESE POWDER	250	Gram(GM)	14-Apr-21
0001614950	-	ISOPROPANOL	4	Liters(L)	14-Apr-21
0001614952	-	ISOPROPANOL	4	Liters(L)	14-Apr-21
0001614953	-	ISOPROPANOL	4	Liters(L)	14-Apr-21
0001614951	-	ISOPROPANOL	4	Liters(L)	14-Apr-21
0001614954	-	LOCTITE HY 4090	1.69	Ounces(OZ)	14-Apr-21
0001614955	-	LOCTITE HY 4090	1.69	Ounces(OZ)	14-Apr-21
0001614956	-	Ultrabond 740	1.69	Ounces(OZ)	14-Apr-21
0001614959	-	Ultrabond 740	1.69	Ounces(OZ)	14-Apr-21
0001614958	-	Ultrabond 740	1.69	Ounces(OZ)	14-Apr-21
0001614957	-	Ultrabond 740	1.69	Ounces(OZ)	14-Apr-21
0001614960	-	Gust 360 Duster	8	Ounces(OZ)	14-Apr-21
0001614965	-	Gust 360 Duster	8	Ounces(OZ)	14-Apr-21
0001614961	-	Gust 360 Duster	8	Ounces(OZ)	14-Apr-21
0001614962	-	Gust 360 Duster	8	Ounces(OZ)	14-Apr-21
0001614969	-	Gust 360 Duster	8	Ounces(OZ)	14-Apr-21
0001614963	-	Gust 360 Duster	8	Ounces(OZ)	14-Apr-21
0001614967	-	Gust 360 Duster	8	Ounces(OZ)	14-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001614966	-	Gust 360 Duster	8	Ounces(OZ)	14-Apr-21
0001614968	-	Gust 360 Duster	8	Ounces(OZ)	14-Apr-21
0001614964	-	Gust 360 Duster	8	Ounces(OZ)	14-Apr-21
0001614970	100-51-6	BENZYL ALCOHOL	500	Gram(GM)	14-Apr-21
0001614971	-	ALCONOX	4	Pounds(LB)	14-Apr-21
0001614978	-	ALCONOX	4	Pounds(LB)	14-Apr-21
0001614979	-	ALCONOX	4	Pounds(LB)	14-Apr-21
0001614977	-	ALCONOX	4	Pounds(LB)	14-Apr-21
0001614976	-	ALCONOX	4	Pounds(LB)	14-Apr-21
0001614975	-	ALCONOX	4	Pounds(LB)	14-Apr-21
0001614974	-	ALCONOX	4	Pounds(LB)	14-Apr-21
0001614973	-	ALCONOX	4	Pounds(LB)	14-Apr-21
0001614972	-	ALCONOX	4	Pounds(LB)	14-Apr-21
0001614980	38002-45-8	3-Bromo-1-(trimethylsilyl)-1-propyne	5	Gram(GM)	14-Apr-21
0001614981	5989-27-5	(R)-(+)-LIMONENE	1	Kilograms(KG)	14-Apr-21
0001614982	5989-27-5	(R)-(+)-LIMONENE	1	Kilograms(KG)	14-Apr-21
0001614983	5137-55-3	Methyltrioctylammonium chloride	500	Gram(GM)	14-Apr-21
0001614984	5137-55-3	Methyltrioctylammonium chloride	500	Gram(GM)	14-Apr-21
0001614985	-	Ammonia Solution	1	Liters(L)	14-Apr-21
0001614986	10026-13-8	PHOSPHORUS PENTACHLORIDE	100	Gram(GM)	14-Apr-21
0001614987	630-10-4	SELENOUREA	10	Gram(GM)	14-Apr-21
0001614988	7647-01-0	HYDROCHLORIC ACID CONCENTRATED (36-37%)	500	Milliliter(ML)	14-Apr-21
0001614989	57-13-6	UREA	10	Kilograms(KG)	14-Apr-21
0001614990	-	Buffer Solution pH 4.00 Color-Coded Red Certified	500	Milliliter(ML)	14-Apr-21
0001614991	68-12-2	N N-DIMETHYLFORMAMIDE	4	Liters(L)	14-Apr-21
0001614994	68-12-2	N N-DIMETHYLFORMAMIDE	4	Liters(L)	14-Apr-21
0001614992	68-12-2	N N-DIMETHYLFORMAMIDE	4	Liters(L)	14-Apr-21
0001614993	68-12-2	N N-DIMETHYLFORMAMIDE	4	Liters(L)	14-Apr-21
0001614995	632-51-9	TETRAPHENYLETHYLENE	5	Gram(GM)	14-Apr-21
0001614998	-	Hydrochloric Acid	54	Liters(L)	14-Apr-21
0001614999	-	Hydrochloric Acid	54	Liters(L)	14-Apr-21
0001615000	-	Hydrochloric Acid	54	Liters(L)	14-Apr-21
0001615001	-	Hydrochloric Acid	54	Liters(L)	14-Apr-21
0001614996	1320-06-5	OIL RED O	250	Milliliter(ML)	14-Apr-21
0001614997	-	Giemsa Stain Modified	500	Milliliter(ML)	14-Apr-21
0001615002	108-88-3	TOLUENE ANHYDROUS	1	Liters(L)	14-Apr-21
0001615003	108-88-3	TOLUENE ANHYDROUS	1	Liters(L)	14-Apr-21
0001615004	1665-00-5	DICHLOROMETHANE D2	1	Milliliter(ML)	14-Apr-21
0001615005	301224-40-8	Hoveyda-Grubbs Catalyst 2nd Generation	2	Gram(GM)	14-Apr-21
0001678668	124-38-9	CARBON DIOXIDE GAS	300	Cubic Feet(CF)	15-Apr-21
0001678667	124-38-9	CARBON DIOXIDE GAS	300	Cubic Feet(CF)	15-Apr-21
0001678669	124-38-9	CARBON DIOXIDE GAS	300	Cubic Feet(CF)	15-Apr-21
0001678670	124-38-9	CARBON DIOXIDE GAS	300	Cubic Feet(CF)	15-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001678672	124-38-9	CARBON DIOXIDE GAS	300	Cubic Feet(CF)	15-Apr-21
0001678674	124-38-9	CARBON DIOXIDE GAS	300	Cubic Feet(CF)	15-Apr-21
0001678673	124-38-9	CARBON DIOXIDE GAS	300	Cubic Feet(CF)	15-Apr-21
0001678666	124-38-9	CARBON DIOXIDE GAS	300	Cubic Feet(CF)	15-Apr-21
0001678671	124-38-9	CARBON DIOXIDE GAS	300	Cubic Feet(CF)	15-Apr-21
0001678675	7440-59-7	HELIUM GAS	100	Liters(L)	15-Apr-21
0001678677	7440-59-7	HELIUM GAS	100	Liters(L)	15-Apr-21
0001678676	7440-59-7	HELIUM GAS	100	Liters(L)	15-Apr-21
0001615006	-	Flat Black Flameproof Coating	11	Ounces(OZ)	15-Apr-21
0001615007	-	AVICEL PH-101	1	Kilograms(KG)	15-Apr-21
0001615008	19184-65-7	2-(Bromomethyl)-2-(hydroxymethyl)-1 3-propanediol	5	Gram(GM)	15-Apr-21
0001615009	19184-65-7	2-(Bromomethyl)-2-(hydroxymethyl)-1 3-propanediol	5	Gram(GM)	15-Apr-21
0001615010	75-05-8	ACETONITRILE HPLC	4	Liters(L)	15-Apr-21
0001615016	75-05-8	ACETONITRILE HPLC	4	Liters(L)	15-Apr-21
0001615015	75-05-8	ACETONITRILE HPLC	4	Liters(L)	15-Apr-21
0001615014	75-05-8	ACETONITRILE HPLC	4	Liters(L)	15-Apr-21
0001615013	75-05-8	ACETONITRILE HPLC	4	Liters(L)	15-Apr-21
0001615012	75-05-8	ACETONITRILE HPLC	4	Liters(L)	15-Apr-21
0001615017	75-05-8	ACETONITRILE HPLC	4	Liters(L)	15-Apr-21
0001615020	75-05-8	ACETONITRILE HPLC	4	Liters(L)	15-Apr-21
0001615019	75-05-8	ACETONITRILE HPLC	4	Liters(L)	15-Apr-21
0001615021	75-05-8	ACETONITRILE HPLC	4	Liters(L)	15-Apr-21
0001615018	75-05-8	ACETONITRILE HPLC	4	Liters(L)	15-Apr-21
0001615011	75-05-8	ACETONITRILE HPLC	4	Liters(L)	15-Apr-21
0001615022	-	MiraCLEAN Endotoxin Removal Kit	10	Milligram(MG)	15-Apr-21
0001615023	3483-12-3	DL Dithiothreitol	5	Gram(GM)	15-Apr-21
0001678678	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	15-Apr-21
0001678679	-	Refrigerant gas N.O.S.(Hydroflurocarbons/inert)	25	Pounds(LB)	15-Apr-21
0001678680	-	Refrigerant gas N.O.S.(Hydroflurocarbons/inert)	25	Pounds(LB)	15-Apr-21
0001678681	-	Refrigerant gas N.O.S.(Hydroflurocarbons/inert)	25	Pounds(LB)	15-Apr-21
0001678682	-	Refrigerant gas N.O.S.(Hydroflurocarbons/inert)	25	Pounds(LB)	15-Apr-21
0001678683	-	Refrigerant gas N.O.S.(Hydroflurocarbons/inert)	25	Pounds(LB)	15-Apr-21
0001678684	-	Refrigerant gas N.O.S.(Hydroflurocarbons/inert)	25	Pounds(LB)	15-Apr-21
0001615024	-	10000 ug/ml Holmium	125	Milliliter(ML)	15-Apr-21
0001615025	-	DGA RESIN	50	Gram(GM)	15-Apr-21
0001615026	141-78-6	ETHYL ACETATE	4	Liters(L)	15-Apr-21
0001615027	3458-28-4	D-(+)-MANNOSE	25	Gram(GM)	15-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001615028	56-41-7	L-ALANINE	25	Gram(GM)	15-Apr-21
0001615029	9008-22-4	Laminarin	1	Gram(GM)	15-Apr-21
0001615030	1109-28-0	MALTOTRIOSE	1	Gram(GM)	15-Apr-21
0001615031	1188-37-0	N-ACETYL-L-GLUTAMIC ACID	25	Gram(GM)	15-Apr-21
0001615032	99-20-7	D(+)-TREHALOSE DIHYDRATE	50	Gram(GM)	15-Apr-21
0001615033	-	Hardness 1 Buffer Solution	100	Milliliter(ML)	15-Apr-21
0001615036	-	Hardness 1 Buffer Solution	100	Milliliter(ML)	15-Apr-21
0001615037	-	Hardness 1 Buffer Solution	100	Milliliter(ML)	15-Apr-21
0001615035	-	Hardness 1 Buffer Solution	100	Milliliter(ML)	15-Apr-21
0001615034	-	Hardness 1 Buffer Solution	100	Milliliter(ML)	15-Apr-21
0001615038	-	CalVer® 2 Calcium Indicator Powder Pillows	10	Milliliter(ML)	15-Apr-21
0001615042	-	CalVer® 2 Calcium Indicator Powder Pillows	10	Milliliter(ML)	15-Apr-21
0001615041	-	CalVer® 2 Calcium Indicator Powder Pillows	10	Milliliter(ML)	15-Apr-21
0001615040	-	CalVer® 2 Calcium Indicator Powder Pillows	10	Milliliter(ML)	15-Apr-21
0001615039	-	CalVer® 2 Calcium Indicator Powder Pillows	10	Milliliter(ML)	15-Apr-21
0001615043	-	MOLYBDOVANADATE REAGENT	100	Milliliter(ML)	15-Apr-21
0001615045	-	MOLYBDOVANADATE REAGENT	100	Milliliter(ML)	15-Apr-21
0001615044	-	MOLYBDOVANADATE REAGENT	100	Milliliter(ML)	15-Apr-21
0001615046	-	MOLYBDOVANADATE REAGENT	100	Milliliter(ML)	15-Apr-21
0001615047	-	MOLYBDOVANADATE REAGENT	100	Milliliter(ML)	15-Apr-21
0001615048	-	STARCH INDICATOR SOLUTION	100	Milliliter(ML)	15-Apr-21
0001615050	-	STARCH INDICATOR SOLUTION	100	Milliliter(ML)	15-Apr-21
0001615049	-	STARCH INDICATOR SOLUTION	100	Milliliter(ML)	15-Apr-21
0001615051	-	EDTA Digital Titrator Cartridge 0.0800 M	100	Milliliter(ML)	15-Apr-21
0001615060	-	EDTA Digital Titrator Cartridge 0.0800 M	100	Milliliter(ML)	15-Apr-21
0001615058	-	EDTA Digital Titrator Cartridge 0.0800 M	100	Milliliter(ML)	15-Apr-21
0001615057	-	EDTA Digital Titrator Cartridge 0.0800 M	100	Milliliter(ML)	15-Apr-21
0001615056	-	EDTA Digital Titrator Cartridge 0.0800 M	100	Milliliter(ML)	15-Apr-21
0001615055	-	EDTA Digital Titrator Cartridge 0.0800 M	100	Milliliter(ML)	15-Apr-21
0001615054	-	EDTA Digital Titrator Cartridge 0.0800 M	100	Milliliter(ML)	15-Apr-21
0001615053	-	EDTA Digital Titrator Cartridge 0.0800 M	100	Milliliter(ML)	15-Apr-21
0001615052	-	EDTA Digital Titrator Cartridge 0.0800 M	100	Milliliter(ML)	15-Apr-21
0001615059	-	EDTA Digital Titrator Cartridge 0.0800 M	100	Milliliter(ML)	15-Apr-21
0001615061	811-97-2	AIR DUSTER	11	Ounces(OZ)	15-Apr-21
0001615063	811-97-2	AIR DUSTER	11	Ounces(OZ)	15-Apr-21
0001615065	811-97-2	AIR DUSTER	11	Ounces(OZ)	15-Apr-21
0001615066	811-97-2	AIR DUSTER	11	Ounces(OZ)	15-Apr-21
0001615064	811-97-2	AIR DUSTER	11	Ounces(OZ)	15-Apr-21
0001615062	811-97-2	AIR DUSTER	11	Ounces(OZ)	15-Apr-21
0001615067	53958-47-7	Heptakis-(6-azido-6-deoxy)-b-cyclodextrin	1	Gram(GM)	15-Apr-21
0001615068	7697-37-2	NITRIC ACID	500	Milliliter(ML)	15-Apr-21
0001615069	7697-37-2	NITRIC ACID	500	Milliliter(ML)	15-Apr-21
0001615070	-	Hydrochloric Acid	500	Milliliter(ML)	15-Apr-21
0001615074	-	Hydrochloric Acid	500	Milliliter(ML)	15-Apr-21
0001615073	-	Hydrochloric Acid	500	Milliliter(ML)	15-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001615071	-	Hydrochloric Acid	500	Milliliter(ML)	15-Apr-21
0001615072	-	Hydrochloric Acid	500	Milliliter(ML)	15-Apr-21
0001615075	67-56-1	METHANOL	4	Liters(L)	15-Apr-21
0001615076	67-56-1	METHANOL	4	Liters(L)	15-Apr-21
0001615077	-	Ceramabond 670	1	Pint(PT)	15-Apr-21
0001615078	-	Aremco-Bond 526N-A Activator	1	Pint(PT)	15-Apr-21
0001615079	-	Ceramabond 835-M	1	Pint(PT)	15-Apr-21
0001615080	67-64-1	ACETONE	4	Liters(L)	15-Apr-21
0001615081	67-64-1	ACETONE	4	Liters(L)	15-Apr-21
0001615082	-	TWEEN 80	500	Milliliter(ML)	15-Apr-21
0001615083	9002-89-5	POLY VINYL ALCOHOL	25	Gram(GM)	15-Apr-21
0001615084	67-63-0	2-PROPANOL	4	Liters(L)	15-Apr-21
0001615091	67-63-0	2-PROPANOL	4	Liters(L)	15-Apr-21
0001615086	67-63-0	2-PROPANOL	4	Liters(L)	15-Apr-21
0001615085	67-63-0	2-PROPANOL	4	Liters(L)	15-Apr-21
0001615093	67-63-0	2-PROPANOL	4	Liters(L)	15-Apr-21
0001615088	67-63-0	2-PROPANOL	4	Liters(L)	15-Apr-21
0001615087	67-63-0	2-PROPANOL	4	Liters(L)	15-Apr-21
0001615090	67-63-0	2-PROPANOL	4	Liters(L)	15-Apr-21
0001615092	67-63-0	2-PROPANOL	4	Liters(L)	15-Apr-21
0001615094	67-63-0	2-PROPANOL	4	Liters(L)	15-Apr-21
0001615095	67-63-0	2-PROPANOL	4	Liters(L)	15-Apr-21
0001615089	67-63-0	2-PROPANOL	4	Liters(L)	15-Apr-21
0001615096	67-66-3	CHLOROFORM W/PENTENE HPLC	4	Liters(L)	15-Apr-21
0001615097	67-66-3	CHLOROFORM W/PENTENE HPLC	4	Liters(L)	15-Apr-21
0001615098	67-66-3	CHLOROFORM W/PENTENE HPLC	4	Liters(L)	15-Apr-21
0001615099	67-66-3	CHLOROFORM W/PENTENE HPLC	4	Liters(L)	15-Apr-21
0001615100	67-63-0	2-PROPANOL (2-PROPANOL ANHYDROUS ISOPROPANOL)	1	Liters(L)	16-Apr-21
0001615101	67-56-1	METHANOL ANHYDROUS	1	Liters(L)	16-Apr-21
0001615102	108-88-3	TOLUENE ANHYDROUS	1	Liters(L)	16-Apr-21
0001615103	110-54-3	HEXANE (HEXANE ANHYDROUS)	1	Liters(L)	16-Apr-21
0001615104	109-66-0	PENTANE ANHYDROUS	1	Liters(L)	16-Apr-21
0001615105	110-54-3	N-HEXANE	4	Liters(L)	16-Apr-21
0001615107	110-54-3	N-HEXANE	4	Liters(L)	16-Apr-21
0001615106	110-54-3	N-HEXANE	4	Liters(L)	16-Apr-21
0001615108	110-54-3	N-HEXANE	4	Liters(L)	16-Apr-21
0001615111	1122-28-7	4 5-DICYANOIMIDAZOLE	25	Gram(GM)	16-Apr-21
0001615112	-	Tri-Flow Lubricant	12	Ounces(OZ)	16-Apr-21
0001615114	90-12-0	1-METHYLNAPHTHALENE	100	Gram(GM)	16-Apr-21
0001578716	-	LUBRIPLATE GEAR SHIELD EXTRA HEAVY EXTREME PRESSURE LUBRICAN	11	Ounces(OZ)	16-Apr-21
0001578724	-	LUBRIPLATE GEAR SHIELD EXTRA HEAVY EXTREME PRESSURE LUBRICAN	11	Ounces(OZ)	16-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001578723	-	LUBRIPLATE GEAR SHIELD EXTRA HEAVY EXTREME PRESSURE LUBRICAN	11	Ounces(OZ)	16-Apr-21
0001578722	-	LUBRIPLATE GEAR SHIELD EXTRA HEAVY EXTREME PRESSURE LUBRICAN	11	Ounces(OZ)	16-Apr-21
0001578726	-	LUBRIPLATE GEAR SHIELD EXTRA HEAVY EXTREME PRESSURE LUBRICAN	11	Ounces(OZ)	16-Apr-21
0001578727	-	LUBRIPLATE GEAR SHIELD EXTRA HEAVY EXTREME PRESSURE LUBRICAN	11	Ounces(OZ)	16-Apr-21
0001578717	-	LUBRIPLATE GEAR SHIELD EXTRA HEAVY EXTREME PRESSURE LUBRICAN	11	Ounces(OZ)	16-Apr-21
0001578718	-	LUBRIPLATE GEAR SHIELD EXTRA HEAVY EXTREME PRESSURE LUBRICAN	11	Ounces(OZ)	16-Apr-21
0001578719	-	LUBRIPLATE GEAR SHIELD EXTRA HEAVY EXTREME PRESSURE LUBRICAN	11	Ounces(OZ)	16-Apr-21
0001578720	-	LUBRIPLATE GEAR SHIELD EXTRA HEAVY EXTREME PRESSURE LUBRICAN	11	Ounces(OZ)	16-Apr-21
0001578721	-	LUBRIPLATE GEAR SHIELD EXTRA HEAVY EXTREME PRESSURE LUBRICAN	11	Ounces(OZ)	16-Apr-21
0001578725	-	LUBRIPLATE GEAR SHIELD EXTRA HEAVY EXTREME PRESSURE LUBRICAN	11	Ounces(OZ)	16-Apr-21
0001615110	-	ALCATEL A200 OIL (vacuum pump lubricant)	1	Quarts(QT)	16-Apr-21
0001615118	2127-03-9	2 2'-DITHIODIPYRIDINE	25	Gram(GM)	16-Apr-21
0001615128	74-79-3	L-ARGININE	25	Gram(GM)	16-Apr-21
0001578683	-	SULLAIR SULLUBE	5	Gallon(GAL)	16-Apr-21
V0000080E1	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	16-Apr-21
V0000080E0	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	16-Apr-21
V0000080DF	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	16-Apr-21
V0000080DE	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	16-Apr-21
V0000080DD	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	16-Apr-21
V0000080DC	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	16-Apr-21
V0000080DB	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	16-Apr-21
V0000080DA	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	16-Apr-21
V0000080D9	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	16-Apr-21
V0000080D8	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	16-Apr-21
V0000080D7	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	16-Apr-21
V0000080D6	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	16-Apr-21
0001578680	-	X-100	1	Gallon(GAL)	16-Apr-21
0001578681	-	X-100	1	Gallon(GAL)	16-Apr-21
0001578682	-	X-100	1	Gallon(GAL)	16-Apr-21
V0000080EB	-	Parts Plus SAE 15W-40 Motor Oil	1	Gallon(GAL)	16-Apr-21
V0000080F0	-	Parts Plus SAE 15W-40 Motor Oil	1	Gallon(GAL)	16-Apr-21
V0000080E8	-	Parts Plus SAE 15W-40 Motor Oil	1	Gallon(GAL)	16-Apr-21
V0000080E2	-	Parts Plus SAE 15W-40 Motor Oil	1	Gallon(GAL)	16-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V0000080E3	-	Parts Plus SAE 15W-40 Motor Oil	1	Gallon(GAL)	16-Apr-21
V0000080E4	-	Parts Plus SAE 15W-40 Motor Oil	1	Gallon(GAL)	16-Apr-21
V0000080E5	-	Parts Plus SAE 15W-40 Motor Oil	1	Gallon(GAL)	16-Apr-21
V0000080ED	-	Parts Plus SAE 15W-40 Motor Oil	1	Gallon(GAL)	16-Apr-21
V0000080E7	-	Parts Plus SAE 15W-40 Motor Oil	1	Gallon(GAL)	16-Apr-21
V0000080EF	-	Parts Plus SAE 15W-40 Motor Oil	1	Gallon(GAL)	16-Apr-21
V0000080E9	-	Parts Plus SAE 15W-40 Motor Oil	1	Gallon(GAL)	16-Apr-21
V0000080EA	-	Parts Plus SAE 15W-40 Motor Oil	1	Gallon(GAL)	16-Apr-21
V0000080EC	-	Parts Plus SAE 15W-40 Motor Oil	1	Gallon(GAL)	16-Apr-21
V0000080EE	-	Parts Plus SAE 15W-40 Motor Oil	1	Gallon(GAL)	16-Apr-21
V0000080E6	-	Parts Plus SAE 15W-40 Motor Oil	1	Gallon(GAL)	16-Apr-21
0001578684	-	Excelsior EN-610-Part A/B	5	Gallon(GAL)	16-Apr-21
V0000080F1	-	PARTS PLUS ANTIFREEZE & COOLANT	1	Gallon(GAL)	16-Apr-21
0001578703	-	Excelsior EN-610-Part A/B	5	Gallon(GAL)	16-Apr-21
0001578697	-	Excelsior EN-610-Part A/B	5	Gallon(GAL)	16-Apr-21
0001578698	-	Excelsior EN-610-Part A/B	5	Gallon(GAL)	16-Apr-21
0001578699	-	Excelsior EN-610-Part A/B	5	Gallon(GAL)	16-Apr-21
0001578700	-	Excelsior EN-610-Part A/B	5	Gallon(GAL)	16-Apr-21
0001578707	-	Excelsior EN-610-Part A/B	5	Gallon(GAL)	16-Apr-21
0001578701	-	Excelsior EN-610-Part A/B	5	Gallon(GAL)	16-Apr-21
0001578696	-	Excelsior EN-610-Part A/B	5	Gallon(GAL)	16-Apr-21
0001578702	-	Excelsior EN-610-Part A/B	5	Gallon(GAL)	16-Apr-21
0001578704	-	Excelsior EN-610-Part A/B	5	Gallon(GAL)	16-Apr-21
0001578705	-	Excelsior EN-610-Part A/B	5	Gallon(GAL)	16-Apr-21
0001578688	-	Excelsior EN-610-Part A/B	5	Gallon(GAL)	16-Apr-21
0001578706	-	Excelsior EN-610-Part A/B	5	Gallon(GAL)	16-Apr-21
0001578685	-	Excelsior EN-610-Part A/B	5	Gallon(GAL)	16-Apr-21
0001578694	-	Excelsior EN-610-Part A/B	5	Gallon(GAL)	16-Apr-21
0001578693	-	Excelsior EN-610-Part A/B	5	Gallon(GAL)	16-Apr-21
0001578692	-	Excelsior EN-610-Part A/B	5	Gallon(GAL)	16-Apr-21
0001578691	-	Excelsior EN-610-Part A/B	5	Gallon(GAL)	16-Apr-21
0001578689	-	Excelsior EN-610-Part A/B	5	Gallon(GAL)	16-Apr-21
0001578687	-	Excelsior EN-610-Part A/B	5	Gallon(GAL)	16-Apr-21
0001578686	-	Excelsior EN-610-Part A/B	5	Gallon(GAL)	16-Apr-21
0001578695	-	Excelsior EN-610-Part A/B	5	Gallon(GAL)	16-Apr-21
0001578690	-	Excelsior EN-610-Part A/B	5	Gallon(GAL)	16-Apr-21
V0000080F2	-	PARTS PLUS ANTIFREEZE & COOLANT	1	Gallon(GAL)	16-Apr-21
0001578708	-	Blue Def	2.5	Gallon(GAL)	16-Apr-21
0001578713	-	Blue Def	2.5	Gallon(GAL)	16-Apr-21
0001578715	-	Blue Def	2.5	Gallon(GAL)	16-Apr-21
0001578709	-	Blue Def	2.5	Gallon(GAL)	16-Apr-21
0001578710	-	Blue Def	2.5	Gallon(GAL)	16-Apr-21
0001578711	-	Blue Def	2.5	Gallon(GAL)	16-Apr-21
0001578712	-	Blue Def	2.5	Gallon(GAL)	16-Apr-21
0001578714	-	Blue Def	2.5	Gallon(GAL)	16-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V0000080F9	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	16-Apr-21
V000008103	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	16-Apr-21
V000008106	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	16-Apr-21
V000008105	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	16-Apr-21
V000008104	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	16-Apr-21
V0000080F6	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	16-Apr-21
V0000080FB	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	16-Apr-21
V0000080FD	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	16-Apr-21
V000008102	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	16-Apr-21
V0000080FC	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	16-Apr-21
V0000080FA	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	16-Apr-21
V0000080FE	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	16-Apr-21
V0000080F7	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	16-Apr-21
V0000080F5	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	16-Apr-21
V0000080F4	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	16-Apr-21
V0000080F3	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	16-Apr-21
V0000080FF	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	16-Apr-21
V000008100	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	16-Apr-21
V000008101	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	16-Apr-21
V0000080F8	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	16-Apr-21
V00000810F	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	16-Apr-21
V000008110	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	16-Apr-21
V00000810E	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	16-Apr-21
V00000810D	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	16-Apr-21
V00000810C	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	16-Apr-21
V00000810B	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	16-Apr-21
V00000810A	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	16-Apr-21
V000008109	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	16-Apr-21
V000008108	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	16-Apr-21
V000008107	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	16-Apr-21
V000008111	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	16-Apr-21
0001578194	-	PLAZA PLUS Sealer/Finish	5	Gallon(GAL)	16-Apr-21
0001578195	-	PLAZA PLUS Sealer/Finish	5	Gallon(GAL)	16-Apr-21
0001578197	-	PLAZA PLUS Sealer/Finish	5	Gallon(GAL)	16-Apr-21
0001578198	-	PLAZA PLUS Sealer/Finish	5	Gallon(GAL)	16-Apr-21
0001578196	-	PLAZA PLUS Sealer/Finish	5	Gallon(GAL)	16-Apr-21
V000008113	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	16-Apr-21
V000008115	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	16-Apr-21
V000008112	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	16-Apr-21
V000008114	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	16-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001628054	-	SENSOR-SAFE BLUE RTV SILICONE GASKET MAKER 80022	3	Ounces(OZ)	16-Apr-21
0001628055	-	DOW CORNING(R) HIGH VACUUM GREASE	5.3	Ounces(OZ)	16-Apr-21
0001628056	-	DOW CORNING(R) HIGH VACUUM GREASE	5.3	Ounces(OZ)	16-Apr-21
0001628057	-	Battery Cleaner with Acid Indicator	11	Ounces(OZ)	16-Apr-21
0001628058	-	PYROIL BRAKE PARTS CLEANE	13	Ounces(OZ)	16-Apr-21
0001628059	-	PYROIL BRAKE PARTS CLEANE	13	Ounces(OZ)	16-Apr-21
0001628060	-	3M SUPER TRIM ADHESIVE	19	Ounces(OZ)	16-Apr-21
0001628061	-	MOBIL 1 5W-50	1	Quarts(QT)	16-Apr-21
0001628062	-	MOBIL 1 5W-50	1	Quarts(QT)	16-Apr-21
0001628064	-	MOBIL 1 5W-50	1	Quarts(QT)	16-Apr-21
0001628063	-	MOBIL 1 5W-50	1	Quarts(QT)	16-Apr-21
0001628272	-	MOBIL 1 5W-50	1	Quarts(QT)	16-Apr-21
0001628277	-	MOBIL 1 5W-50	1	Quarts(QT)	16-Apr-21
0001628276	-	MOBIL 1 5W-50	1	Quarts(QT)	16-Apr-21
0001628275	-	MOBIL 1 5W-50	1	Quarts(QT)	16-Apr-21
0001628274	-	MOBIL 1 5W-50	1	Quarts(QT)	16-Apr-21
0001628273	-	MOBIL 1 5W-50	1	Quarts(QT)	16-Apr-21
0001628077	-	ANTIFREEZE/COOLANT	1	Gallon(GAL)	16-Apr-21
0001628079	-	ANTIFREEZE/COOLANT	1	Gallon(GAL)	16-Apr-21
0001628080	-	ANTIFREEZE/COOLANT	1	Gallon(GAL)	16-Apr-21
0001628082	-	ANTIFREEZE/COOLANT	1	Gallon(GAL)	16-Apr-21
0001628083	-	ANTIFREEZE/COOLANT	1	Gallon(GAL)	16-Apr-21
0001628081	-	ANTIFREEZE/COOLANT	1	Gallon(GAL)	16-Apr-21
0001628078	-	ANTIFREEZE/COOLANT	1	Gallon(GAL)	16-Apr-21
0001628065	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	16-Apr-21
0001628074	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	16-Apr-21
0001628068	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	16-Apr-21
0001628069	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	16-Apr-21
0001628070	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	16-Apr-21
0001628071	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	16-Apr-21
0001628073	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	16-Apr-21
0001628075	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	16-Apr-21
0001628076	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	16-Apr-21
0001628067	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	16-Apr-21
0001628066	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	16-Apr-21
0001628072	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	16-Apr-21
0001628084	-	Parts Plus DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	Quarts(QT)	16-Apr-21
0001628089	-	Parts Plus DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	Quarts(QT)	16-Apr-21
0001628090	-	Parts Plus DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	Quarts(QT)	16-Apr-21
0001628085	-	Parts Plus DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	Quarts(QT)	16-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001628088	-	Parts Plus DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	Quarts(QT)	16-Apr-21
0001628087	-	Parts Plus DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	Quarts(QT)	16-Apr-21
0001628086	-	Parts Plus DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	Quarts(QT)	16-Apr-21
0001628239	-	Parts Plus Type F ATF	1	Quarts(QT)	16-Apr-21
0001628248	-	Parts Plus Type F ATF	1	Quarts(QT)	16-Apr-21
0001628243	-	Parts Plus Type F ATF	1	Quarts(QT)	16-Apr-21
0001628240	-	Parts Plus Type F ATF	1	Quarts(QT)	16-Apr-21
0001628247	-	Parts Plus Type F ATF	1	Quarts(QT)	16-Apr-21
0001628246	-	Parts Plus Type F ATF	1	Quarts(QT)	16-Apr-21
0001628244	-	Parts Plus Type F ATF	1	Quarts(QT)	16-Apr-21
0001628242	-	Parts Plus Type F ATF	1	Quarts(QT)	16-Apr-21
0001628241	-	Parts Plus Type F ATF	1	Quarts(QT)	16-Apr-21
0001628245	-	Parts Plus Type F ATF	1	Quarts(QT)	16-Apr-21
0001628249	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	16-Apr-21
0001628251	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	16-Apr-21
0001628264	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	16-Apr-21
0001628262	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	16-Apr-21
0001628261	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	16-Apr-21
0001628260	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	16-Apr-21
0001628259	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	16-Apr-21
0001628258	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	16-Apr-21
0001628257	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	16-Apr-21
0001628256	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	16-Apr-21
0001628255	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	16-Apr-21
0001628254	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	16-Apr-21
0001628252	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	16-Apr-21
0001628265	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	16-Apr-21
0001628250	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	16-Apr-21
0001628271	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	16-Apr-21
0001628270	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	16-Apr-21
0001628269	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	16-Apr-21
0001628263	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	16-Apr-21
0001628268	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	16-Apr-21
0001628267	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	16-Apr-21
0001628266	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	16-Apr-21
0001628253	-	PRESTONE RV ANTIFREEZE	1	Gallon(GAL)	16-Apr-21
0001628311	-	Blue Def	2.5	Gallon(GAL)	16-Apr-21
0001628321	-	Blue Def	2.5	Gallon(GAL)	16-Apr-21
0001628319	-	Blue Def	2.5	Gallon(GAL)	16-Apr-21
0001628324	-	Blue Def	2.5	Gallon(GAL)	16-Apr-21
0001628333	-	Blue Def	2.5	Gallon(GAL)	16-Apr-21
0001628332	-	Blue Def	2.5	Gallon(GAL)	16-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001628331	-	Blue Def	2.5	Gallon(GAL)	16-Apr-21
0001628330	-	Blue Def	2.5	Gallon(GAL)	16-Apr-21
0001628329	-	Blue Def	2.5	Gallon(GAL)	16-Apr-21
0001628328	-	Blue Def	2.5	Gallon(GAL)	16-Apr-21
0001628327	-	Blue Def	2.5	Gallon(GAL)	16-Apr-21
0001628326	-	Blue Def	2.5	Gallon(GAL)	16-Apr-21
0001628320	-	Blue Def	2.5	Gallon(GAL)	16-Apr-21
0001628325	-	Blue Def	2.5	Gallon(GAL)	16-Apr-21
0001628312	-	Blue Def	2.5	Gallon(GAL)	16-Apr-21
0001628323	-	Blue Def	2.5	Gallon(GAL)	16-Apr-21
0001628322	-	Blue Def	2.5	Gallon(GAL)	16-Apr-21
0001628314	-	Blue Def	2.5	Gallon(GAL)	16-Apr-21
0001628318	-	Blue Def	2.5	Gallon(GAL)	16-Apr-21
0001628317	-	Blue Def	2.5	Gallon(GAL)	16-Apr-21
0001628315	-	Blue Def	2.5	Gallon(GAL)	16-Apr-21
0001628313	-	Blue Def	2.5	Gallon(GAL)	16-Apr-21
0001628316	-	Blue Def	2.5	Gallon(GAL)	16-Apr-21
V000008117	-	Henry 430 ClearPro Clear VCT Floor Adhesive	4.5	Gallon(GAL)	16-Apr-21
V00000811E	-	Henry 430 ClearPro Clear VCT Floor Adhesive	4.5	Gallon(GAL)	16-Apr-21
V00000811C	-	Henry 430 ClearPro Clear VCT Floor Adhesive	4.5	Gallon(GAL)	16-Apr-21
V00000811B	-	Henry 430 ClearPro Clear VCT Floor Adhesive	4.5	Gallon(GAL)	16-Apr-21
V00000811A	-	Henry 430 ClearPro Clear VCT Floor Adhesive	4.5	Gallon(GAL)	16-Apr-21
V000008118	-	Henry 430 ClearPro Clear VCT Floor Adhesive	4.5	Gallon(GAL)	16-Apr-21
V00000811D	-	Henry 430 ClearPro Clear VCT Floor Adhesive	4.5	Gallon(GAL)	16-Apr-21
V000008116	-	Henry 430 ClearPro Clear VCT Floor Adhesive	4.5	Gallon(GAL)	16-Apr-21
V000008124	-	Henry 430 ClearPro Clear VCT Floor Adhesive	4.5	Gallon(GAL)	16-Apr-21
V000008123	-	Henry 430 ClearPro Clear VCT Floor Adhesive	4.5	Gallon(GAL)	16-Apr-21
V000008122	-	Henry 430 ClearPro Clear VCT Floor Adhesive	4.5	Gallon(GAL)	16-Apr-21
V000008121	-	Henry 430 ClearPro Clear VCT Floor Adhesive	4.5	Gallon(GAL)	16-Apr-21
V000008120	-	Henry 430 ClearPro Clear VCT Floor Adhesive	4.5	Gallon(GAL)	16-Apr-21
V00000811F	-	Henry 430 ClearPro Clear VCT Floor Adhesive	4.5	Gallon(GAL)	16-Apr-21
V000008119	-	Henry 430 ClearPro Clear VCT Floor Adhesive	4.5	Gallon(GAL)	16-Apr-21
V000008134	-	Signature Series 5080 Pressure Sensitive Adhesive	4.5	Gallon(GAL)	16-Apr-21
V000008137	-	Signature Series 5080 Pressure Sensitive Adhesive	4.5	Gallon(GAL)	16-Apr-21
V000008136	-	Signature Series 5080 Pressure Sensitive Adhesive	4.5	Gallon(GAL)	16-Apr-21
V000008135	-	Signature Series 5080 Pressure Sensitive Adhesive	4.5	Gallon(GAL)	16-Apr-21
V000008129	-	Signature Series 5080 Pressure Sensitive Adhesive	4.5	Gallon(GAL)	16-Apr-21
V000008138	-	Signature Series 5080 Pressure Sensitive Adhesive	4.5	Gallon(GAL)	16-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000008133	-	Signature Series 5080 Pressure Sensitive Adhesive	4.5	Gallon(GAL)	16-Apr-21
V000008126	-	Signature Series 5080 Pressure Sensitive Adhesive	4.5	Gallon(GAL)	16-Apr-21
V000008128	-	Signature Series 5080 Pressure Sensitive Adhesive	4.5	Gallon(GAL)	16-Apr-21
V000008125	-	Signature Series 5080 Pressure Sensitive Adhesive	4.5	Gallon(GAL)	16-Apr-21
V00000812A	-	Signature Series 5080 Pressure Sensitive Adhesive	4.5	Gallon(GAL)	16-Apr-21
V00000812B	-	Signature Series 5080 Pressure Sensitive Adhesive	4.5	Gallon(GAL)	16-Apr-21
V00000812C	-	Signature Series 5080 Pressure Sensitive Adhesive	4.5	Gallon(GAL)	16-Apr-21
V00000812D	-	Signature Series 5080 Pressure Sensitive Adhesive	4.5	Gallon(GAL)	16-Apr-21
V00000812E	-	Signature Series 5080 Pressure Sensitive Adhesive	4.5	Gallon(GAL)	16-Apr-21
V00000812F	-	Signature Series 5080 Pressure Sensitive Adhesive	4.5	Gallon(GAL)	16-Apr-21
V000008130	-	Signature Series 5080 Pressure Sensitive Adhesive	4.5	Gallon(GAL)	16-Apr-21
V000008131	-	Signature Series 5080 Pressure Sensitive Adhesive	4.5	Gallon(GAL)	16-Apr-21
V000008132	-	Signature Series 5080 Pressure Sensitive Adhesive	4.5	Gallon(GAL)	16-Apr-21
V000008127	-	Signature Series 5080 Pressure Sensitive Adhesive	4.5	Gallon(GAL)	16-Apr-21
V000008159	-	ARDEX FEATHER FINISH	10	Pounds(LB)	16-Apr-21
V000008154	-	ARDEX FEATHER FINISH	10	Pounds(LB)	16-Apr-21
V000008155	-	ARDEX FEATHER FINISH	10	Pounds(LB)	16-Apr-21
V000008156	-	ARDEX FEATHER FINISH	10	Pounds(LB)	16-Apr-21
V000008157	-	ARDEX FEATHER FINISH	10	Pounds(LB)	16-Apr-21
V000008158	-	ARDEX FEATHER FINISH	10	Pounds(LB)	16-Apr-21
V00000815A	-	ARDEX FEATHER FINISH	10	Pounds(LB)	16-Apr-21
V00000815B	-	ARDEX FEATHER FINISH	10	Pounds(LB)	16-Apr-21
V00000815C	-	ARDEX FEATHER FINISH	10	Pounds(LB)	16-Apr-21
V00000815D	-	ARDEX FEATHER FINISH	10	Pounds(LB)	16-Apr-21
V00000815E	-	ARDEX FEATHER FINISH	10	Pounds(LB)	16-Apr-21
V00000815F	-	ARDEX FEATHER FINISH	10	Pounds(LB)	16-Apr-21
V000008151	-	ARDEX FEATHER FINISH	10	Pounds(LB)	16-Apr-21
V000008160	-	ARDEX FEATHER FINISH	10	Pounds(LB)	16-Apr-21
V000008152	-	ARDEX FEATHER FINISH	10	Pounds(LB)	16-Apr-21
V00000813A	-	ARDEX FEATHER FINISH	10	Pounds(LB)	16-Apr-21
V00000813B	-	ARDEX FEATHER FINISH	10	Pounds(LB)	16-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V00000813C	-	ARDEX FEATHER FINISH	10	Pounds(LB)	16-Apr-21
V00000813D	-	ARDEX FEATHER FINISH	10	Pounds(LB)	16-Apr-21
V00000813E	-	ARDEX FEATHER FINISH	10	Pounds(LB)	16-Apr-21
V00000813F	-	ARDEX FEATHER FINISH	10	Pounds(LB)	16-Apr-21
V000008140	-	ARDEX FEATHER FINISH	10	Pounds(LB)	16-Apr-21
V000008141	-	ARDEX FEATHER FINISH	10	Pounds(LB)	16-Apr-21
V000008143	-	ARDEX FEATHER FINISH	10	Pounds(LB)	16-Apr-21
V000008153	-	ARDEX FEATHER FINISH	10	Pounds(LB)	16-Apr-21
V000008144	-	ARDEX FEATHER FINISH	10	Pounds(LB)	16-Apr-21
V000008145	-	ARDEX FEATHER FINISH	10	Pounds(LB)	16-Apr-21
V00000814D	-	ARDEX FEATHER FINISH	10	Pounds(LB)	16-Apr-21
V000008139	-	ARDEX FEATHER FINISH	10	Pounds(LB)	16-Apr-21
V000008150	-	ARDEX FEATHER FINISH	10	Pounds(LB)	16-Apr-21
V000008142	-	ARDEX FEATHER FINISH	10	Pounds(LB)	16-Apr-21
V00000814E	-	ARDEX FEATHER FINISH	10	Pounds(LB)	16-Apr-21
V000008146	-	ARDEX FEATHER FINISH	10	Pounds(LB)	16-Apr-21
V00000814C	-	ARDEX FEATHER FINISH	10	Pounds(LB)	16-Apr-21
V00000814B	-	ARDEX FEATHER FINISH	10	Pounds(LB)	16-Apr-21
V00000814A	-	ARDEX FEATHER FINISH	10	Pounds(LB)	16-Apr-21
V000008149	-	ARDEX FEATHER FINISH	10	Pounds(LB)	16-Apr-21
V000008148	-	ARDEX FEATHER FINISH	10	Pounds(LB)	16-Apr-21
V000008147	-	ARDEX FEATHER FINISH	10	Pounds(LB)	16-Apr-21
V00000814F	-	ARDEX FEATHER FINISH	10	Pounds(LB)	16-Apr-21
V000008174	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	16-Apr-21
V00000817A	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	16-Apr-21
V00000817B	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	16-Apr-21
V000008179	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	16-Apr-21
V000008178	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	16-Apr-21
V000008177	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	16-Apr-21
V000008176	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	16-Apr-21
V000008175	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	16-Apr-21
V000008165	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	16-Apr-21
V000008161	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	16-Apr-21
V000008162	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	16-Apr-21
V00000817C	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	16-Apr-21
V000008173	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	16-Apr-21
V000008164	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	16-Apr-21
V000008166	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	16-Apr-21
V000008167	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	16-Apr-21
V000008168	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	16-Apr-21
V000008169	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	16-Apr-21
V00000816A	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	16-Apr-21
V00000816F	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	16-Apr-21
V00000816C	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	16-Apr-21
V00000816D	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	16-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V00000816E	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	16-Apr-21
V000008172	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	16-Apr-21
V000008171	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	16-Apr-21
V00000816B	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	16-Apr-21
V000008163	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	16-Apr-21
V000008170	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	16-Apr-21
V0000081B2	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V0000081B1	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V0000081B0	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V0000081AF	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V0000081AE	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V0000081AD	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V0000081AB	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V0000081AA	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V0000081A9	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V0000081B3	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V0000081BD	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V0000081A7	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V0000081A8	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V0000081AC	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V0000081B4	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V0000081B5	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V0000081B6	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V0000081B7	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V0000081B8	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V0000081B9	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V0000081BA	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V0000081BC	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V0000081BE	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V0000081BF	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V0000081C0	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V0000081C1	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V0000081A6	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V00000818F	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V0000081BB	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V000008185	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V000008191	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V00000818D	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V00000818C	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V00000818B	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V00000818A	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V000008189	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V000008188	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V000008190	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000008186	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V000008192	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V000008184	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V000008183	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V000008182	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V000008181	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V000008180	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V00000817F	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V00000817E	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V00000817D	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V000008187	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V00000819B	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V0000081A4	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V0000081A3	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V0000081A2	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V0000081A1	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V0000081A0	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V00000819F	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V00000819E	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V00000818E	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V00000819C	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V0000081A5	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V00000819A	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V000008199	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V000008198	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V000008197	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V000008196	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V000008195	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V000008194	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V000008193	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V00000819D	-	MOBILITH SHC 220	13.4	Ounces(OZ)	16-Apr-21
V0000081C7	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	16-Apr-21
V0000081C8	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	16-Apr-21
V0000081CB	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	16-Apr-21
V0000081CA	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	16-Apr-21
V0000081C6	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	16-Apr-21
V0000081C5	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	16-Apr-21
V0000081C4	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	16-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V0000081C9	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	16-Apr-21
V0000081C3	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	16-Apr-21
V0000081C2	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	16-Apr-21
V0000081CC	-	Parts Plus 5W-20 Prem Semi Syn	1	Quarts(QT)	16-Apr-21
V0000081CD	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	16-Apr-21
V0000081CF	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	16-Apr-21
V0000081D0	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	16-Apr-21
V0000081D1	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	16-Apr-21
V0000081D2	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	16-Apr-21
V0000081D3	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	16-Apr-21
V0000081CE	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	16-Apr-21
V0000081D4	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	16-Apr-21
V0000081DA	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	16-Apr-21
V0000081D5	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	16-Apr-21
V0000081D6	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	16-Apr-21
V0000081D8	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	16-Apr-21
V0000081DC	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	16-Apr-21
V0000081DB	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	16-Apr-21
V0000081D7	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	16-Apr-21
V0000081D9	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	16-Apr-21
V0000081DD	-	WD-40 Multi-Use Product TRIGGER PRO 50 State Compliant	20	Ounces(OZ)	16-Apr-21
0001627800	-	Castrol Go! 4T 10W-40	1	Quarts(QT)	16-Apr-21
0001627801	-	Castrol Go! 4T 10W-40	1	Quarts(QT)	16-Apr-21
0001627802	-	Castrol Go! 4T 10W-40	1	Quarts(QT)	16-Apr-21
0001615129	107-21-1	ETHYLENE GLYCOL	2.5	Liters(L)	19-Apr-21
0001678507	74-82-8	METHANE	300	Cubic Feet(CF)	19-Apr-21
0001615130	107-21-1	ETHYLENE GLYCOL	2.5	Liters(L)	19-Apr-21
0001615131	-	Hydrochloric Acid	500	Milliliter(ML)	19-Apr-21
0001627982	-	KRYLON COLORmaxx Gloss Black	12	Ounces(OZ)	19-Apr-21
0001627985	-	KRYLON COLORmaxx Gloss Black	12	Ounces(OZ)	19-Apr-21
0001627984	-	KRYLON COLORmaxx Gloss Black	12	Ounces(OZ)	19-Apr-21
0001627987	-	KRYLON COLORmaxx Gloss Black	12	Ounces(OZ)	19-Apr-21
0001627983	-	KRYLON COLORmaxx Gloss Black	12	Ounces(OZ)	19-Apr-21
0001627986	-	KRYLON COLORmaxx Gloss Black	12	Ounces(OZ)	19-Apr-21
0001627990	-	KRYLON COLORmaxx Gloss Black	12	Ounces(OZ)	19-Apr-21
0001627991	-	KRYLON COLORmaxx Gloss Black	12	Ounces(OZ)	19-Apr-21
0001628383	-	Prestone 50/50 Prediluted Engine Coolant/Antifreeze	1	Gallon(GAL)	19-Apr-21
0001628384	-	SERVICE PRO ALL MAKES ALL MODELS UNIVERSAL FORMULA ANTIFREEZE/COOLANT	1	Gallon(GAL)	19-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001628390	-	SERVICE PRO ALL MAKES ALL MODELS UNIVERSAL FORMULA ANTIFREEZE/COOLANT	1	Gallon(GAL)	19-Apr-21
0001628385	-	SERVICE PRO ALL MAKES ALL MODELS UNIVERSAL FORMULA ANTIFREEZE/COOLANT	1	Gallon(GAL)	19-Apr-21
0001628386	-	SERVICE PRO ALL MAKES ALL MODELS UNIVERSAL FORMULA ANTIFREEZE/COOLANT	1	Gallon(GAL)	19-Apr-21
0001628391	-	SERVICE PRO ALL MAKES ALL MODELS UNIVERSAL FORMULA ANTIFREEZE/COOLANT	1	Gallon(GAL)	19-Apr-21
0001628387	-	SERVICE PRO ALL MAKES ALL MODELS UNIVERSAL FORMULA ANTIFREEZE/COOLANT	1	Gallon(GAL)	19-Apr-21
0001628388	-	SERVICE PRO ALL MAKES ALL MODELS UNIVERSAL FORMULA ANTIFREEZE/COOLANT	1	Gallon(GAL)	19-Apr-21
0001628389	-	SERVICE PRO ALL MAKES ALL MODELS UNIVERSAL FORMULA ANTIFREEZE/COOLANT	1	Gallon(GAL)	19-Apr-21
0001615132	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	19	Ounces(OZ)	19-Apr-21
0001615142	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	19	Ounces(OZ)	19-Apr-21
0001615134	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	19	Ounces(OZ)	19-Apr-21
0001615152	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	19	Ounces(OZ)	19-Apr-21
0001615151	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	19	Ounces(OZ)	19-Apr-21
0001615150	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	19	Ounces(OZ)	19-Apr-21
0001615149	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	19	Ounces(OZ)	19-Apr-21
0001615148	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	19	Ounces(OZ)	19-Apr-21
0001615147	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	19	Ounces(OZ)	19-Apr-21
0001615133	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	19	Ounces(OZ)	19-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001615143	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	19	Ounces(OZ)	19-Apr-21
0001615153	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	19	Ounces(OZ)	19-Apr-21
0001615141	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	19	Ounces(OZ)	19-Apr-21
0001615140	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	19	Ounces(OZ)	19-Apr-21
0001615139	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	19	Ounces(OZ)	19-Apr-21
0001615138	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	19	Ounces(OZ)	19-Apr-21
0001615137	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	19	Ounces(OZ)	19-Apr-21
0001615136	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	19	Ounces(OZ)	19-Apr-21
0001615135	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	19	Ounces(OZ)	19-Apr-21
0001615146	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	19	Ounces(OZ)	19-Apr-21
0001615155	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	19	Ounces(OZ)	19-Apr-21
0001615144	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	19	Ounces(OZ)	19-Apr-21
0001615145	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	19	Ounces(OZ)	19-Apr-21
0001615154	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	19	Ounces(OZ)	19-Apr-21
0001615156	7790-29-6	RUBIDIUM IODIDE	10	Gram(GM)	19-Apr-21
0001615157	7789-17-5	CESIUM IODIDE	10	Gram(GM)	19-Apr-21
0001615158	26570-48-9	POLY(ETHYLENE GLYCOL)DIACRYLATE	500	Milliliter(ML)	19-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001615159	26570-48-9	POLY(ETHYLENE GLYCOL)DIACRYLATE	500	Milliliter(ML)	19-Apr-21
0001615160	67-66-3	CHLOROFORM	1	Liters(L)	19-Apr-21
0001615161	77-58-7	DIBUTYLTIN DILAURATE	5	Gram(GM)	19-Apr-21
0001615162	24424-99-5	Di-tert-butyl pyrocarbonate	250	Gram(GM)	19-Apr-21
0001615115	1344-28-1	INHIBITOR REMOVER	30	Gram(GM)	19-Apr-21
0001615117	1344-28-1	INHIBITOR REMOVER	30	Gram(GM)	19-Apr-21
0001615116	1344-28-1	INHIBITOR REMOVER	30	Gram(GM)	19-Apr-21
0001423794	-	TRU-BLU	1.75	Ounces(OZ)	19-Apr-21
0001423795	-	TRU-BLU	1.75	Ounces(OZ)	19-Apr-21
0001678685	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	20-Apr-21
0001678686	7440-59-7	HELIUM GAS	100	Liters(L)	20-Apr-21
0001678691	7440-59-7	HELIUM GAS	100	Liters(L)	20-Apr-21
0001678693	7440-59-7	HELIUM GAS	100	Liters(L)	20-Apr-21
0001678692	7440-59-7	HELIUM GAS	100	Liters(L)	20-Apr-21
0001678687	7440-59-7	HELIUM GAS	100	Liters(L)	20-Apr-21
0001678689	7440-59-7	HELIUM GAS	100	Liters(L)	20-Apr-21
0001678688	7440-59-7	HELIUM GAS	100	Liters(L)	20-Apr-21
0001678690	7440-59-7	HELIUM GAS	100	Liters(L)	20-Apr-21
0000168694	-	R-407C	40	Pounds(LB)	20-Apr-21
0001678698	-	R-407C	40	Pounds(LB)	20-Apr-21
0001678696	-	R-407C	40	Pounds(LB)	20-Apr-21
0001678697	-	R-407C	40	Pounds(LB)	20-Apr-21
0001678695	-	R-407C	40	Pounds(LB)	20-Apr-21
0001678699	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	20-Apr-21
0001678707	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	20-Apr-21
0001678700	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	20-Apr-21
0001678701	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	20-Apr-21
0001678702	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	20-Apr-21
0001678703	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	20-Apr-21
0001678704	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	20-Apr-21
0001678705	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	20-Apr-21
0001678706	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	20-Apr-21
0001678709	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	20-Apr-21
0001678710	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	20-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001678708	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	20-Apr-21
0001678715	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	20-Apr-21
0001678721	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	20-Apr-21
0001678713	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	20-Apr-21
0001678722	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	20-Apr-21
0001678711	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	20-Apr-21
0001678720	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	20-Apr-21
0001678719	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	20-Apr-21
0001678718	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	20-Apr-21
0001678717	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	20-Apr-21
0001678716	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	20-Apr-21
0001678714	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	20-Apr-21
0001678712	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	20-Apr-21
0001678723	-	Compressed Air	220	Cubic Feet(CF)	20-Apr-21
0001678731	-	Compressed Air	220	Cubic Feet(CF)	20-Apr-21
0001678724	-	Compressed Air	220	Cubic Feet(CF)	20-Apr-21
0001678725	-	Compressed Air	220	Cubic Feet(CF)	20-Apr-21
0001678726	-	Compressed Air	220	Cubic Feet(CF)	20-Apr-21
0001678727	-	Compressed Air	220	Cubic Feet(CF)	20-Apr-21
0001678728	-	Compressed Air	220	Cubic Feet(CF)	20-Apr-21
0001678729	-	Compressed Air	220	Cubic Feet(CF)	20-Apr-21
0001678730	-	Compressed Air	220	Cubic Feet(CF)	20-Apr-21
0001678732	-	Compressed Air	220	Cubic Feet(CF)	20-Apr-21
0001678733	-	Compressed Air	220	Cubic Feet(CF)	20-Apr-21
0001678734	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	20-Apr-21
0001678742	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	20-Apr-21
0001678751	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	20-Apr-21
0001678750	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	20-Apr-21
0001678749	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	20-Apr-21
0001678748	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	20-Apr-21
0001678747	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	20-Apr-21
0001678746	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	20-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001678745	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	20-Apr-21
0001678743	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	20-Apr-21
0001678752	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	20-Apr-21
0001678741	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	20-Apr-21
0001678740	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	20-Apr-21
0001678739	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	20-Apr-21
0001678738	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	20-Apr-21
0001678737	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	20-Apr-21
0001678736	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	20-Apr-21
0001678735	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	20-Apr-21
0001678744	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	20-Apr-21
0001678762	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	20-Apr-21
0001678773	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	20-Apr-21
0001678772	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	20-Apr-21
0001678771	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	20-Apr-21
0001678770	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	20-Apr-21
0001678769	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	20-Apr-21
0001678767	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	20-Apr-21
0001678765	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	20-Apr-21
0001678753	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	20-Apr-21
0001678763	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	20-Apr-21
0001678754	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	20-Apr-21
0001678761	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	20-Apr-21
0001678760	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	20-Apr-21
0001678759	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	20-Apr-21
0001678758	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	20-Apr-21
0001678757	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	20-Apr-21
0001678756	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	20-Apr-21
0001678755	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	20-Apr-21
0001678766	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	20-Apr-21
0001678764	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	20-Apr-21
0001678768	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	20-Apr-21
0001543792	-	DTE 25 HYDRAULIC OIL	5	Gallon(GAL)	20-Apr-21
0001588733	-	Hydrochloric Acid	1	Liters(L)	20-Apr-21
0001588735	-	Hydrochloric Acid	1	Liters(L)	20-Apr-21
0001588734	-	Hydrochloric Acid	1	Liters(L)	20-Apr-21
0001588736	-	Hydrochloric Acid	1	Liters(L)	20-Apr-21
0001615121	-	Hydrochloric Acid	1	Liters(L)	20-Apr-21
0001615119	-	Hydrochloric Acid	1	Liters(L)	20-Apr-21
0001615120	-	Hydrochloric Acid	1	Liters(L)	20-Apr-21
0001615165	298-07-7	BIS(2-ETHYLHEXYL)HYDROGEN PHOSPHATE	100	Gram(GM)	20-Apr-21
0001678774	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	20-Apr-21
0001678775	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	20-Apr-21
0001678776	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	20-Apr-21
0001678777	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	20-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001678778	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	20-Apr-21
0001678782	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	20-Apr-21
0001678781	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	20-Apr-21
0001678783	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	20-Apr-21
0001678779	-	0.09% FLUORINE/BAL. NEON	220	Cubic Feet(CF)	20-Apr-21
0001678780	-	0.09% FLUORINE/BAL. NEON	220	Cubic Feet(CF)	20-Apr-21
0001678784	-	WD-40 LUBRICANT	12	Ounces(OZ)	20-Apr-21
0001678786	-	WD-40 LUBRICANT	12	Ounces(OZ)	20-Apr-21
0001678785	-	WD-40 LUBRICANT	12	Ounces(OZ)	20-Apr-21
0001678787	-	WD-40 LUBRICANT	12	Ounces(OZ)	20-Apr-21
0001678789	-	WD-40 LUBRICANT	12	Ounces(OZ)	20-Apr-21
0001678788	-	WD-40 LUBRICANT	12	Ounces(OZ)	20-Apr-21
0001615167	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	20-Apr-21
0001615205	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	20-Apr-21
0001615172	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	20-Apr-21
0001615169	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	20-Apr-21
0001615170	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	20-Apr-21
0001615171	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	20-Apr-21
0001615168	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	20-Apr-21
0001615189	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	20-Apr-21
0001615197	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	20-Apr-21
0001615196	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	20-Apr-21
0001615195	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	20-Apr-21
0001615194	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	20-Apr-21
0001615193	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	20-Apr-21
0001615192	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	20-Apr-21
0001615199	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	20-Apr-21
0001615190	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	20-Apr-21
0001615200	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	20-Apr-21
0001615188	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	20-Apr-21
0001615187	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	20-Apr-21
0001615186	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	20-Apr-21
0001615185	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	20-Apr-21
0001615181	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	20-Apr-21
0001615182	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	20-Apr-21
0001615183	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	20-Apr-21
0001615191	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	20-Apr-21
0001615206	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	20-Apr-21
0001615177	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	20-Apr-21
0001615178	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	20-Apr-21
0001615179	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	20-Apr-21
0001615180	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	20-Apr-21
0001615198	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	20-Apr-21
0001615175	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	20-Apr-21
0001615176	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	20-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001615173	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	20-Apr-21
0001615184	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	20-Apr-21
0001615174	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	20-Apr-21
0001615204	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	20-Apr-21
0001615203	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	20-Apr-21
0001615202	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	20-Apr-21
0001615201	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	20-Apr-21
0001615207	67-64-1	ACETONE	4	Liters(L)	20-Apr-21
0001615208	-	HYDROCHLORIC ACID 35-37%	4	Liters(L)	20-Apr-21
0001615209	-	HYDROCHLORIC ACID 35-37%	4	Liters(L)	20-Apr-21
0001615210	7697-37-2	NITRIC ACID	500	Milliliter(ML)	20-Apr-21
0001615212	7697-37-2	NITRIC ACID	500	Milliliter(ML)	20-Apr-21
0001615211	7697-37-2	NITRIC ACID	500	Milliliter(ML)	20-Apr-21
0001615213	7697-37-2	NITRIC ACID	500	Milliliter(ML)	20-Apr-21
0001423563	-	FIRESTOP PUTTY STICK CP 618	295	Milliliter(ML)	21-Apr-21
0001423564	-	FIRESTOP PUTTY STICK CP 618	295	Milliliter(ML)	21-Apr-21
0001423565	-	FIRESTOP PUTTY STICK CP 618	295	Milliliter(ML)	21-Apr-21
0001423566	-	FIRESTOP PUTTY STICK CP 618	295	Milliliter(ML)	21-Apr-21
0001423573	-	FIRESTOP PUTTY STICK CP 618	295	Milliliter(ML)	21-Apr-21
0001423572	-	FIRESTOP PUTTY STICK CP 618	295	Milliliter(ML)	21-Apr-21
0001423571	-	FIRESTOP PUTTY STICK CP 618	295	Milliliter(ML)	21-Apr-21
0001423570	-	FIRESTOP PUTTY STICK CP 618	295	Milliliter(ML)	21-Apr-21
0001423569	-	FIRESTOP PUTTY STICK CP 618	295	Milliliter(ML)	21-Apr-21
0001423567	-	FIRESTOP PUTTY STICK CP 618	295	Milliliter(ML)	21-Apr-21
0001423568	-	FIRESTOP PUTTY STICK CP 618	295	Milliliter(ML)	21-Apr-21
0001543793	-	SOLDER PASTE	250	Gram(GM)	21-Apr-21
0001543794	-	SOLDER PASTE	250	Gram(GM)	21-Apr-21
0001627873	8042-47-5	Clarion Food Grade White Mineral Oil 90	1	Gallon(GAL)	21-Apr-21
0001627875	8042-47-5	Clarion Food Grade White Mineral Oil 90	1	Gallon(GAL)	21-Apr-21
0001627876	8042-47-5	Clarion Food Grade White Mineral Oil 90	1	Gallon(GAL)	21-Apr-21
0001627877	8042-47-5	Clarion Food Grade White Mineral Oil 90	1	Gallon(GAL)	21-Apr-21
0001627874	8042-47-5	Clarion Food Grade White Mineral Oil 90	1	Gallon(GAL)	21-Apr-21
0001627878	-	The Right Stuff Gasket Maker Powerbead	7.5	Ounces(OZ)	21-Apr-21
V0000081F0	-	MOBIL 1 0W-40	1	Quarts(QT)	21-Apr-21
V0000081EF	-	MOBIL 1 0W-40	1	Quarts(QT)	21-Apr-21
V0000081EE	-	MOBIL 1 0W-40	1	Quarts(QT)	21-Apr-21
0001628392	-	Pyroil CARB & THROTTLE BODY CLEANER PYC16	13	Ounces(OZ)	21-Apr-21
0001543795	-	SNOOP	8	Ounces(OZ)	21-Apr-21
0001386360	-	LUBRICATING SPRAY (WD-40)	16	Ounces(OZ)	21-Apr-21
0001386361	-	LUBRICANT SPRAY (WD-40)	16	Ounces(OZ)	21-Apr-21
0001386362	-	CRC DEGREASER HEAVY DUTY	15	Ounces(OZ)	21-Apr-21
0001386363	-	CRC DEGREASER HEAVY DUTY	15	Ounces(OZ)	21-Apr-21
0001386364	-	PB PENETRATING CATALYST	11	Ounces(OZ)	21-Apr-21
0001386365	-	PB PENETRATING CATALYST	11	Ounces(OZ)	21-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001580220	-	TAPMATIC #1 GOLD CUTTING FLUID	16	Ounces(OZ)	21-Apr-21
0001580223	-	TAPMATIC #1 GOLD CUTTING FLUID	16	Ounces(OZ)	21-Apr-21
0001580222	-	TAPMATIC #1 GOLD CUTTING FLUID	16	Ounces(OZ)	21-Apr-21
0001580221	-	TAPMATIC #1 GOLD CUTTING FLUID	16	Ounces(OZ)	21-Apr-21
0001615214	64-17-5	ETHYL ALCOHOL-200 PROOF	4	Liters(L)	22-Apr-21
0001615216	64-17-5	ETHYL ALCOHOL-200 PROOF	4	Liters(L)	22-Apr-21
0001615215	64-17-5	ETHYL ALCOHOL-200 PROOF	4	Liters(L)	22-Apr-21
0001615217	64-17-5	ETHYL ALCOHOL-200 PROOF	4	Liters(L)	22-Apr-21
0001615218	171058-18-7	1-DECYL-3-METHYLIMIDAZOLIUM CHLORIDE	50	Gram(GM)	22-Apr-21
0001615219	171058-18-7	1-DECYL-3-METHYLIMIDAZOLIUM CHLORIDE	50	Gram(GM)	22-Apr-21
0001615220	488-84-6	D-RIBULOSE SOLUTION	10	Milligram(MG)	22-Apr-21
0001443974	738-70-5	TRIMETHOPRIM	25	Gram(GM)	22-Apr-21
0000956465	9002-13-5	UREASE FROM JACK BEAN MEAL	25	Milliliter(ML)	22-Apr-21
0000956460	538-75-0	N N'-DICYCLOHEXYLCARBODIIMIDE 99%	100	Gram(GM)	22-Apr-21
0000956484	75-09-2	DICHLOROMETHANE	50	Milligram(MG)	22-Apr-21
0000956486	1122-58-3	4-(DIMETHYLAMINO)PYRIDINE	25	Gram(GM)	22-Apr-21
0000956477	15687-27-1	IBUPROFEN	1	Gram(GM)	22-Apr-21
0001678790	-	phosphine in hydrogen	80	Pounds(LB)	22-Apr-21
0000956479	3886-70-2	(R)-(+)-1-(1-Naphthyl)ethylamine	5	Gram(GM)	22-Apr-21
0000956471	29617-66-1	(S)-(-)-2-CHLOROPROPIONIC ACID 99%	1	Gram(GM)	22-Apr-21
0000956470	17392-83-5	(+)-Methyl D-lactate	5	Gram(GM)	22-Apr-21
0000956478	29617-66-1	(S)-(-)-2-CHLOROPROPIONIC ACID 99%	1	Gram(GM)	22-Apr-21
0000956485	623-73-4	ETHYL DIAZOACETATE	5	Gram(GM)	22-Apr-21
0000956454	148893-10-1	HATU	5	Gram(GM)	22-Apr-21
0001615229	7440-42-8	BORON	5	Gram(GM)	22-Apr-21
0001615230	7440-42-8	BORON	5	Gram(GM)	22-Apr-21
0001615246	7440-42-8	BORON	5	Gram(GM)	22-Apr-21
0001615247	7440-42-8	BORON	5	Gram(GM)	22-Apr-21
0001615245	7440-42-8	BORON	5	Gram(GM)	22-Apr-21
0001615231	7440-42-8	BORON	5	Gram(GM)	22-Apr-21
0001615248	7440-42-8	BORON	5	Gram(GM)	22-Apr-21
0001615244	7440-42-8	BORON	5	Gram(GM)	22-Apr-21
0001615233	7440-42-8	BORON	5	Gram(GM)	22-Apr-21
0001615232	7440-42-8	BORON	5	Gram(GM)	22-Apr-21
0001615243	7440-42-8	BORON	5	Gram(GM)	22-Apr-21
0001615239	7440-42-8	BORON	5	Gram(GM)	22-Apr-21
0001615234	7440-42-8	BORON	5	Gram(GM)	22-Apr-21
0001615242	7440-42-8	BORON	5	Gram(GM)	22-Apr-21
0001615241	7440-42-8	BORON	5	Gram(GM)	22-Apr-21
0001615240	7440-42-8	BORON	5	Gram(GM)	22-Apr-21
0001615238	7440-42-8	BORON	5	Gram(GM)	22-Apr-21
0001615236	7440-42-8	BORON	5	Gram(GM)	22-Apr-21
0001615237	7440-42-8	BORON	5	Gram(GM)	22-Apr-21
0001615235	7440-42-8	BORON	5	Gram(GM)	22-Apr-21
0001615222	13746-66-2	POTASSIUM FERRICYANIDE	2.5	Kilograms(KG)	22-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001615223	1693-74-9	TETRAHYDROFURAN D8	10	Milliliter(ML)	22-Apr-21
0001615224	1693-74-9	TETRAHYDROFURAN D8	10	Milliliter(ML)	22-Apr-21
0001615225	-	VEROCLEAR RGD810	3.6	Kilograms(KG)	22-Apr-21
0001615226	-	VERO MAGENTA RGD851	3.6	Kilograms(KG)	22-Apr-21
0001615227	-	VERO YELLOW RGD836	3.6	Kilograms(KG)	22-Apr-21
0001615228	-	VEROCYAN RGD843	3.6	Kilograms(KG)	22-Apr-21
0001615249	67-63-0	2-PROPANOL	4	Liters(L)	22-Apr-21
0001615250	67-63-0	2-PROPANOL	4	Liters(L)	22-Apr-21
0001615251	-	DEVCON 5 MINUTE EPOXY AMBER	25	Milliliter(ML)	22-Apr-21
0001615253	-	DEVCON 5 MINUTE EPOXY AMBER	25	Milliliter(ML)	22-Apr-21
0001615255	-	DEVCON 5 MINUTE EPOXY AMBER	25	Milliliter(ML)	22-Apr-21
0001615256	-	DEVCON 5 MINUTE EPOXY AMBER	25	Milliliter(ML)	22-Apr-21
0001615262	-	DEVCON 5 MINUTE EPOXY AMBER	25	Milliliter(ML)	22-Apr-21
0001615259	-	DEVCON 5 MINUTE EPOXY AMBER	25	Milliliter(ML)	22-Apr-21
0001615261	-	DEVCON 5 MINUTE EPOXY AMBER	25	Milliliter(ML)	22-Apr-21
0001615260	-	DEVCON 5 MINUTE EPOXY AMBER	25	Milliliter(ML)	22-Apr-21
0001615258	-	DEVCON 5 MINUTE EPOXY AMBER	25	Milliliter(ML)	22-Apr-21
0001615257	-	DEVCON 5 MINUTE EPOXY AMBER	25	Milliliter(ML)	22-Apr-21
0001615254	-	DEVCON 5 MINUTE EPOXY AMBER	25	Milliliter(ML)	22-Apr-21
0001615252	-	DEVCON 5 MINUTE EPOXY AMBER	25	Milliliter(ML)	22-Apr-21
0001615263	64-17-5	ALCOHOL REAGENT	4	Liters(L)	22-Apr-21
0001615264	64-17-5	ALCOHOL REAGENT	4	Liters(L)	22-Apr-21
0001615265	64-17-5	ALCOHOL REAGENT	4	Liters(L)	22-Apr-21
0001615266	64-17-5	ALCOHOL REAGENT	4	Liters(L)	22-Apr-21
0001615221	551-84-8	D-Xylulose	25	Milligram(MG)	22-Apr-21
0001615267	-	LOCTITE CAT 9	4	Ounces(OZ)	22-Apr-21
0001615268	67-66-3	CHLOROFORM ANHYDROUS	1	Liters(L)	22-Apr-21
0001615269	75-09-2	DICHLOROMETHANE	1	Liters(L)	22-Apr-21
0001615270	41637-38-1	BISPHENOL A ETHOXYLATE DIMETHACRYLATE	500	Milliliter(ML)	22-Apr-21
0001615271	162881-26-7	Phenylbis(2 4 6-trimethylbenzoyl)phosphine oxide	50	Gram(GM)	22-Apr-21
0001615272	-	Hocut Sym-C	5	Gallon(GAL)	22-Apr-21
0001615280	-	Support SUP706 B	3.6	Kilograms(KG)	22-Apr-21
0001615282	-	Support SUP706 B	3.6	Kilograms(KG)	22-Apr-21
0001615281	-	Support SUP706 B	3.6	Kilograms(KG)	22-Apr-21
0001615283	-	Support SUP706 B	3.6	Kilograms(KG)	22-Apr-21
0001615284	1336-21-6	AMMONIUM HYDROXIDE OPTIMA	250	Milliliter(ML)	22-Apr-21
0001615285	-	MS-222 AERODUSTER	10	Ounces(OZ)	22-Apr-21
0001615286	-	MS-222 AERODUSTER	10	Ounces(OZ)	22-Apr-21
0001615287	4224-70-8	6-BROMOHEXANOIC ACID	100	Gram(GM)	22-Apr-21
0001615289	409-21-2	SILICON CARBIDE	2500	Gram(GM)	22-Apr-21
0001615291	1310-66-3	LITHIUM HYDROXIDE MONOHYDRATE	50	Gram(GM)	22-Apr-21
0001615292	7550-45-0	TITANIUM TETRACHLORIDE	100	Milliliter(ML)	22-Apr-21
0001615293	-	Wright Stain Modified	500	Milliliter(ML)	22-Apr-21
0001615294	80-56-8	ALPHA-PINENE	250	Milliliter(ML)	22-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001615295	25511-85-7	Poly(propylene carbonate)	25	Gram(GM)	22-Apr-21
0001615296	919-30-2	3-AMINOPROPYLTRIETHOXYSILANE	100	Milliliter(ML)	22-Apr-21
0001615297	919-30-2	3-AMINOPROPYLTRIETHOXYSILANE	100	Milliliter(ML)	22-Apr-21
0001615298	150-46-9	TRIETHYL BORATE	100	Milliliter(ML)	22-Apr-21
0001615288	7440-53-1	EUROPIUM METAL	1	Gram(GM)	22-Apr-21
0001615273	-	Hocut Sym-C	5	Gallon(GAL)	22-Apr-21
0001615274	-	Hocut Sym-C	5	Gallon(GAL)	22-Apr-21
0001615275	-	Hocut Sym-C	5	Gallon(GAL)	22-Apr-21
0001615276	-	Hocut Sym-C	5	Gallon(GAL)	22-Apr-21
0001615277	-	Hocut Sym-C	5	Gallon(GAL)	22-Apr-21
0001615278	-	Hocut Sym-C	5	Gallon(GAL)	22-Apr-21
0001615279	-	Hocut Sym-C	5	Gallon(GAL)	22-Apr-21
0001615290	5256-79-1	PSS-Octaphenyl substituted	25	Gram(GM)	22-Apr-21
0001615299	-	SB431542 (Hydrate)	1	Milligram(MG)	22-Apr-21
0001423574	-	FOAM SEALANT	250	Milliliter(ML)	23-Apr-21
0001423578	-	FOAM SEALANT	250	Milliliter(ML)	23-Apr-21
0001423575	-	FOAM SEALANT	250	Milliliter(ML)	23-Apr-21
0001423577	-	FOAM SEALANT	250	Milliliter(ML)	23-Apr-21
0001423580	-	FOAM SEALANT	250	Milliliter(ML)	23-Apr-21
0001423581	-	FOAM SEALANT	250	Milliliter(ML)	23-Apr-21
0001423576	-	FOAM SEALANT	250	Milliliter(ML)	23-Apr-21
0001423579	-	FOAM SEALANT	250	Milliliter(ML)	23-Apr-21
0001615301	7681-52-9	Clorox Concentrated Germicidal Bleach	121	Ounces(OZ)	26-Apr-21
0001615302	7681-52-9	Clorox Concentrated Germicidal Bleach	121	Ounces(OZ)	26-Apr-21
0001615303	7681-52-9	Clorox Concentrated Germicidal Bleach	121	Ounces(OZ)	26-Apr-21
0000956457	500-22-1	PYRIDINE-3-CARBOXALDEHYDE	25	Gram(GM)	26-Apr-21
0000956467	75-36-5	ACETYL CHLORIDE	25	Gram(GM)	26-Apr-21
0000956451	611-71-2	D(-)MANDELIC ACID	5	Gram(GM)	26-Apr-21
0000956441	68517-67-9	THIOPROPYL SEPHAROSE 6B	1	Gram(GM)	26-Apr-21
0000956440	17199-29-0	(S)-(+)-MANDELIC ACID 99+% (99% EE/GLC)	25	Gram(GM)	26-Apr-21
0001423582	-	FS-One Max	10.1	Ounces(OZ)	26-Apr-21
0001423592	-	FS-One Max	10.1	Ounces(OZ)	26-Apr-21
0001423591	-	FS-One Max	10.1	Ounces(OZ)	26-Apr-21
0001423590	-	FS-One Max	10.1	Ounces(OZ)	26-Apr-21
0001423589	-	FS-One Max	10.1	Ounces(OZ)	26-Apr-21
0001423593	-	FS-One Max	10.1	Ounces(OZ)	26-Apr-21
0001423588	-	FS-One Max	10.1	Ounces(OZ)	26-Apr-21
0001423587	-	FS-One Max	10.1	Ounces(OZ)	26-Apr-21
0001423586	-	FS-One Max	10.1	Ounces(OZ)	26-Apr-21
0001423585	-	FS-One Max	10.1	Ounces(OZ)	26-Apr-21
0001423584	-	FS-One Max	10.1	Ounces(OZ)	26-Apr-21
0001423583	-	FS-One Max	10.1	Ounces(OZ)	26-Apr-21
0001423594	-	FOAM SEALANT	250	Milliliter(ML)	26-Apr-21
0001628393	-	ARMOR ALL CLEANER	1	Gallon(GAL)	26-Apr-21
0001628394	-	ARMOR ALL CLEANER	1	Gallon(GAL)	26-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000008207	-	MOBILITH SHC 460 SYNTHETIC GREASE	13.4	Ounces(OZ)	26-Apr-21
V000008205	-	MOBILITH SHC 460 SYNTHETIC GREASE	13.4	Ounces(OZ)	26-Apr-21
V000008202	-	MOBILITH SHC 460 SYNTHETIC GREASE	13.4	Ounces(OZ)	26-Apr-21
V000008203	-	MOBILITH SHC 460 SYNTHETIC GREASE	13.4	Ounces(OZ)	26-Apr-21
V000008204	-	MOBILITH SHC 460 SYNTHETIC GREASE	13.4	Ounces(OZ)	26-Apr-21
V000008206	-	MOBILITH SHC 460 SYNTHETIC GREASE	13.4	Ounces(OZ)	26-Apr-21
V000008208	-	SH-46	1	Gallon(GAL)	26-Apr-21
V000008209	-	SH-46	1	Gallon(GAL)	26-Apr-21
V00000820A	-	SH-46	1	Gallon(GAL)	26-Apr-21
V00000820B	-	SH-46	1	Gallon(GAL)	26-Apr-21
V00000820C	-	SH-46	1	Gallon(GAL)	26-Apr-21
V00000820D	-	SH-46	1	Gallon(GAL)	26-Apr-21
0001423595	-	POLWAYTER FST-MINI-6BG	1.7	Ounces(OZ)	26-Apr-21
0001423378	-	LUBRICANT	1	Quarts(QT)	26-Apr-21
0001423379	-	LUBRICANT	1	Quarts(QT)	26-Apr-21
0001423380	-	LUBRICANT	1	Quarts(QT)	26-Apr-21
0001423386	-	LUBRICANT	1	Quarts(QT)	26-Apr-21
0001423381	-	LUBRICANT	1	Quarts(QT)	26-Apr-21
0001423382	-	LUBRICANT	1	Quarts(QT)	26-Apr-21
0001423383	-	LUBRICANT	1	Quarts(QT)	26-Apr-21
0001423385	-	LUBRICANT	1	Quarts(QT)	26-Apr-21
0001423387	-	LUBRICANT	1	Quarts(QT)	26-Apr-21
0001423388	-	LUBRICANT	1	Quarts(QT)	26-Apr-21
0001423389	-	LUBRICANT	1	Quarts(QT)	26-Apr-21
0001423384	-	LUBRICANT	1	Quarts(QT)	26-Apr-21
0001615304	-	HEAT CONDUCTIVE COMPOUND	4	Ounces(OZ)	26-Apr-21
0001615305	865-49-6	CHLOROFORM-D 99.8+ ATOM% D	100	Gram(GM)	26-Apr-21
0001423596	-	SEMI-GLOSS LATEX	121.6	Ounces(OZ)	26-Apr-21
0001423597	-	UNIVERSAL PRIMER	121.6	Ounces(OZ)	26-Apr-21
0001615306	1576-35-8	4-Methylbenzenesulfonhydrazide	100	Gram(GM)	26-Apr-21
0001615307	67-68-5	DIMETHYL SULFOXIDE	100	Milliliter(ML)	26-Apr-21
0001615308	67-68-5	DIMETHYL SULFOXIDE	100	Milliliter(ML)	26-Apr-21
0001615309	67-63-0	ISOPROPYL ALCOHOL	4	Liters(L)	26-Apr-21
0001615311	67-63-0	ISOPROPYL ALCOHOL	4	Liters(L)	26-Apr-21
0001615316	67-63-0	ISOPROPYL ALCOHOL	4	Liters(L)	26-Apr-21
0001615317	67-63-0	ISOPROPYL ALCOHOL	4	Liters(L)	26-Apr-21
0001615318	67-63-0	ISOPROPYL ALCOHOL	4	Liters(L)	26-Apr-21
0001615319	67-63-0	ISOPROPYL ALCOHOL	4	Liters(L)	26-Apr-21
0001615320	67-63-0	ISOPROPYL ALCOHOL	4	Liters(L)	26-Apr-21
0001615312	67-63-0	ISOPROPYL ALCOHOL	4	Liters(L)	26-Apr-21
0001615310	67-63-0	ISOPROPYL ALCOHOL	4	Liters(L)	26-Apr-21
0001615315	67-63-0	ISOPROPYL ALCOHOL	4	Liters(L)	26-Apr-21
0001615313	67-63-0	ISOPROPYL ALCOHOL	4	Liters(L)	26-Apr-21
0001615314	67-63-0	ISOPROPYL ALCOHOL	4	Liters(L)	26-Apr-21
0001615321	67-64-1	ACETONE FOR HPLC	4	Liters(L)	26-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001615322	-	TRIZOL REAGENT	200	Milliliter(ML)	26-Apr-21
0001615323	-	TRIZOL REAGENT	200	Milliliter(ML)	26-Apr-21
0001615324	67-64-1	ACETONE	4	Liters(L)	26-Apr-21
0001615326	67-64-1	ACETONE	4	Liters(L)	26-Apr-21
0001615325	67-64-1	ACETONE	4	Liters(L)	26-Apr-21
0001615327	67-64-1	ACETONE	4	Liters(L)	26-Apr-21
0001615328	67-64-1	ACETONE	4	Liters(L)	26-Apr-21
0001615331	67-64-1	ACETONE	4	Liters(L)	26-Apr-21
0001615330	67-64-1	ACETONE	4	Liters(L)	26-Apr-21
0001615329	67-64-1	ACETONE	4	Liters(L)	26-Apr-21
0001615332	9064-57-7	CARRAGEENAN LAMBDA	1	Gram(GM)	26-Apr-21
0001615333	7791-20-0	NICKEL(II) CHLORIDE HEXAHYDRATE	5	Gram(GM)	26-Apr-21
0001615334	7647-14-5	SODIUM CHLORIDE	1	Kilograms(KG)	26-Apr-21
0001615335	154549-38-9	2 4 6-Triisopropylphenylboronic acid	5	Gram(GM)	26-Apr-21
0001615337	-	LANL-ICP-MS-2 STANDARD SOLUTION	125	Milliliter(ML)	26-Apr-21
0001615336	-	LANL-ICP-MS-3REV	125	Milliliter(ML)	26-Apr-21
0001615338	-	LANL-ICP-MS-1 STANDARD SOLUTION	125	Milliliter(ML)	26-Apr-21
0001615339	-	PROPYLENE CARBONATE	2	Liters(L)	26-Apr-21
0001615340	64-17-5	ETHYL ALCOHOL. DENATURED	20	Liters(L)	26-Apr-21
0001615344	64-17-5	ETHYL ALCOHOL. DENATURED	20	Liters(L)	26-Apr-21
0001615345	64-17-5	ETHYL ALCOHOL. DENATURED	20	Liters(L)	26-Apr-21
0001615341	64-17-5	ETHYL ALCOHOL. DENATURED	20	Liters(L)	26-Apr-21
0001615343	64-17-5	ETHYL ALCOHOL. DENATURED	20	Liters(L)	26-Apr-21
0001615342	64-17-5	ETHYL ALCOHOL. DENATURED	20	Liters(L)	26-Apr-21
0001615346	67-63-0	ISOPROPANOL (2-PROPANOL)	4	Liters(L)	26-Apr-21
0001615350	7697-37-2	Nitric acid (65 - 70%)	500	Milliliter(ML)	26-Apr-21
0001615351	1076-43-3	BENZENE D6	100	Gram(GM)	26-Apr-21
0001615352	1076-43-3	BENZENE D6	100	Gram(GM)	26-Apr-21
0001615354	-	CALCEIN AM	1	Milliliter(ML)	26-Apr-21
0001615349	67-63-0	ISOPROPANOL (2-PROPANOL)	4	Liters(L)	26-Apr-21
0001615348	67-63-0	ISOPROPANOL (2-PROPANOL)	4	Liters(L)	26-Apr-21
0001615347	67-63-0	ISOPROPANOL (2-PROPANOL)	4	Liters(L)	26-Apr-21
0001615403	-	NORLAND OPTICAL ADHESIVE 68	10	Gram(GM)	26-Apr-21
0001615404	-	NORLAND OPTICAL ADHESIVE 68	10	Gram(GM)	26-Apr-21
0001615405	-	NORLAND OPTICAL ADHESIVE 61	1	Ounces(OZ)	26-Apr-21
0001615406	110-99-6	DIGLYCOLIC ACID	100	Gram(GM)	26-Apr-21
0001615407	-	DESS-MARTIN PERIODINANE	100	Gram(GM)	26-Apr-21
0001615408	13325-10-5	4-AMINO-1-BUTANOL	100	Gram(GM)	26-Apr-21
0001615409	98-95-3	NITROBENZENE	500	Milliliter(ML)	26-Apr-21
0001615410	10294-41-4	CERIUM(III) NITRATE HEXAHYDRATE	50	Gram(GM)	26-Apr-21
0001615411	-	LOCTITE 495 SUPER BONDER GENERAL PURPOSE INSTANT ADHESIVE	1	Ounces(OZ)	26-Apr-21
0001615415	-	LOCTITE 495 SUPER BONDER GENERAL PURPOSE INSTANT ADHESIVE	1	Ounces(OZ)	26-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001615418	-	LOCTITE 495 SUPER BONDER GENERAL PURPOSE INSTANT ADHESIVE	1	Ounces(OZ)	26-Apr-21
0001615416	-	LOCTITE 495 SUPER BONDER GENERAL PURPOSE INSTANT ADHESIVE	1	Ounces(OZ)	26-Apr-21
0001615414	-	LOCTITE 495 SUPER BONDER GENERAL PURPOSE INSTANT ADHESIVE	1	Ounces(OZ)	26-Apr-21
0001615413	-	LOCTITE 495 SUPER BONDER GENERAL PURPOSE INSTANT ADHESIVE	1	Ounces(OZ)	26-Apr-21
0001615412	-	LOCTITE 495 SUPER BONDER GENERAL PURPOSE INSTANT ADHESIVE	1	Ounces(OZ)	26-Apr-21
0001615417	-	LOCTITE 495 SUPER BONDER GENERAL PURPOSE INSTANT ADHESIVE	1	Ounces(OZ)	26-Apr-21
0001615419	75-09-2	Methylene Chloride Optima	4	Liters(L)	26-Apr-21
0001615420	75-09-2	Methylene Chloride Optima	4	Liters(L)	26-Apr-21
0001615421	75-09-2	Methylene Chloride Optima	4	Liters(L)	26-Apr-21
0001615422	75-09-2	Methylene Chloride Optima	4	Liters(L)	26-Apr-21
0001615423	127-09-3	ACETIC ACID SODIUM SALT	250	Gram(GM)	26-Apr-21
0001615424	7789-23-3	POTASSIUM FLUORIDE ANHYDROUS	250	Gram(GM)	26-Apr-21
0001615425	1310-73-2	SODIUM HYDROXIDE	20	Liters(L)	26-Apr-21
0001615426	1310-73-2	SODIUM HYDROXIDE	20	Liters(L)	26-Apr-21
0001615427	1310-73-2	SODIUM HYDROXIDE	20	Liters(L)	26-Apr-21
0001615428	1310-73-2	SODIUM HYDROXIDE	20	Liters(L)	26-Apr-21
0001615429	7697-37-2	NITRIC ACID	2.5	Liters(L)	26-Apr-21
0001615450	7697-37-2	NITRIC ACID	2.5	Liters(L)	26-Apr-21
0001615443	7697-37-2	NITRIC ACID	2.5	Liters(L)	26-Apr-21
0001615444	7697-37-2	NITRIC ACID	2.5	Liters(L)	26-Apr-21
0001615445	7697-37-2	NITRIC ACID	2.5	Liters(L)	26-Apr-21
0001615446	7697-37-2	NITRIC ACID	2.5	Liters(L)	26-Apr-21
0001615447	7697-37-2	NITRIC ACID	2.5	Liters(L)	26-Apr-21
0001615449	7697-37-2	NITRIC ACID	2.5	Liters(L)	26-Apr-21
0001615442	7697-37-2	NITRIC ACID	2.5	Liters(L)	26-Apr-21
0001615451	7697-37-2	NITRIC ACID	2.5	Liters(L)	26-Apr-21
0001615452	7697-37-2	NITRIC ACID	2.5	Liters(L)	26-Apr-21
0001615448	7697-37-2	NITRIC ACID	2.5	Liters(L)	26-Apr-21
0001615441	7697-37-2	NITRIC ACID	2.5	Liters(L)	26-Apr-21
0001615440	7697-37-2	NITRIC ACID	2.5	Liters(L)	26-Apr-21
0001615439	7697-37-2	NITRIC ACID	2.5	Liters(L)	26-Apr-21
0001615437	7697-37-2	NITRIC ACID	2.5	Liters(L)	26-Apr-21
0001615436	7697-37-2	NITRIC ACID	2.5	Liters(L)	26-Apr-21
0001615435	7697-37-2	NITRIC ACID	2.5	Liters(L)	26-Apr-21
0001615434	7697-37-2	NITRIC ACID	2.5	Liters(L)	26-Apr-21
0001615433	7697-37-2	NITRIC ACID	2.5	Liters(L)	26-Apr-21
0001615432	7697-37-2	NITRIC ACID	2.5	Liters(L)	26-Apr-21
0001615430	7697-37-2	NITRIC ACID	2.5	Liters(L)	26-Apr-21
0001615453	7697-37-2	NITRIC ACID	2.5	Liters(L)	26-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001615431	7697-37-2	NITRIC ACID	2.5	Liters(L)	26-Apr-21
0001615438	7697-37-2	NITRIC ACID	2.5	Liters(L)	26-Apr-21
0001615454	67-63-0	2-PROPONAL	4	Liters(L)	26-Apr-21
0001615456	67-63-0	2-PROPONAL	4	Liters(L)	26-Apr-21
0001615457	67-63-0	2-PROPONAL	4	Liters(L)	26-Apr-21
0001615458	67-63-0	2-PROPONAL	4	Liters(L)	26-Apr-21
0001615455	67-63-0	2-PROPONAL	4	Liters(L)	26-Apr-21
0001615459	64-17-5	ETHANOL	2.5	Liters(L)	26-Apr-21
0001615460	7705-07-9	TITANIUM(III) CHLORIDE	250	Milliliter(ML)	26-Apr-21
0001615461	558-13-4	CARBON TETRABROMIDE	100	Gram(GM)	26-Apr-21
0001615462	60-24-2	MERCAPTOETHANOL	25	Milliliter(ML)	26-Apr-21
0001615463	-	3M Scotch-Weld Epoxy Adhesive DP420 Black	50	Milliliter(ML)	26-Apr-21
0001615464	10043-35-3	BORIC ACID	500	Gram(GM)	26-Apr-21
0001615465	14808-60-7	SAND SEA WASHED	500	Milliliter(ML)	26-Apr-21
0001615467	75-64-9	TERT-BUTYLAMINE	100	Milliliter(ML)	26-Apr-21
0001615468	865-49-6	CHLOROFORM-D	100	Gram(GM)	26-Apr-21
0001615469	865-49-6	CHLOROFORM-D	100	Gram(GM)	26-Apr-21
0001615470	666-52-4	ACETONE-D6	1	Gallon(GAL)	26-Apr-21
0001615471	142-29-0	CYCLOPENTENE	500	Milliliter(ML)	26-Apr-21
0001615472	142-29-0	CYCLOPENTENE	500	Milliliter(ML)	26-Apr-21
0001615473	142-29-0	CYCLOPENTENE	500	Milliliter(ML)	26-Apr-21
0001615474	142-29-0	CYCLOPENTENE	500	Milliliter(ML)	26-Apr-21
0001588761	7439-89-6	IRON WIRE	1.5	Gram(GM)	26-Apr-21
0001588762	7439-89-6	IRON WIRE	1.5	Gram(GM)	26-Apr-21
0001588765	7439-89-6	IRON WIRE	1.5	Gram(GM)	26-Apr-21
0001588764	7439-89-6	IRON WIRE	1.5	Gram(GM)	26-Apr-21
0001588763	7439-89-6	IRON WIRE	1.5	Gram(GM)	26-Apr-21
0001588766	7440-55-3	GALLIUM INGOT	25	Gram(GM)	26-Apr-21
0001588772	7440-55-3	GALLIUM INGOT	25	Gram(GM)	26-Apr-21
0001588767	7440-55-3	GALLIUM INGOT	25	Gram(GM)	26-Apr-21
0001588768	7440-55-3	GALLIUM INGOT	25	Gram(GM)	26-Apr-21
0001588769	7440-55-3	GALLIUM INGOT	25	Gram(GM)	26-Apr-21
0001588774	7440-55-3	GALLIUM INGOT	25	Gram(GM)	26-Apr-21
0001588771	7440-55-3	GALLIUM INGOT	25	Gram(GM)	26-Apr-21
0001588773	7440-55-3	GALLIUM INGOT	25	Gram(GM)	26-Apr-21
0001588777	7440-55-3	GALLIUM INGOT	25	Gram(GM)	26-Apr-21
0001588776	7440-55-3	GALLIUM INGOT	25	Gram(GM)	26-Apr-21
0001588779	7440-55-3	GALLIUM INGOT	25	Gram(GM)	26-Apr-21
0001588778	7440-55-3	GALLIUM INGOT	25	Gram(GM)	26-Apr-21
0001588775	7440-55-3	GALLIUM INGOT	25	Gram(GM)	26-Apr-21
0001588770	7440-55-3	GALLIUM INGOT	25	Gram(GM)	26-Apr-21
0001612036	12055-62-8	HOLMIUM OXIDE	1	Gram(GM)	26-Apr-21
0001615466	-	Src (36D10) Rabbit mAb	100	Milliliter(ML)	26-Apr-21
0001588737	-	ALODINE 1132 TOUCH-N-PREP COATING	35	Gram(GM)	26-Apr-21
0001588741	-	ALODINE 1132 TOUCH-N-PREP COATING	35	Gram(GM)	26-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001588738	-	ALODINE 1132 TOUCH-N-PREP COATING	35	Gram(GM)	26-Apr-21
0001588739	-	ALODINE 1132 TOUCH-N-PREP COATING	35	Gram(GM)	26-Apr-21
0001588752	-	ALODINE 1132 TOUCH-N-PREP COATING	35	Gram(GM)	26-Apr-21
0001588742	-	ALODINE 1132 TOUCH-N-PREP COATING	35	Gram(GM)	26-Apr-21
0001588743	-	ALODINE 1132 TOUCH-N-PREP COATING	35	Gram(GM)	26-Apr-21
0001588744	-	ALODINE 1132 TOUCH-N-PREP COATING	35	Gram(GM)	26-Apr-21
0001588745	-	ALODINE 1132 TOUCH-N-PREP COATING	35	Gram(GM)	26-Apr-21
0001588746	-	ALODINE 1132 TOUCH-N-PREP COATING	35	Gram(GM)	26-Apr-21
0001588747	-	ALODINE 1132 TOUCH-N-PREP COATING	35	Gram(GM)	26-Apr-21
0001588748	-	ALODINE 1132 TOUCH-N-PREP COATING	35	Gram(GM)	26-Apr-21
0001588749	-	ALODINE 1132 TOUCH-N-PREP COATING	35	Gram(GM)	26-Apr-21
0001588740	-	ALODINE 1132 TOUCH-N-PREP COATING	35	Gram(GM)	26-Apr-21
0001588751	-	ALODINE 1132 TOUCH-N-PREP COATING	35	Gram(GM)	26-Apr-21
0001588760	-	ALODINE 1132 TOUCH-N-PREP COATING	35	Gram(GM)	26-Apr-21
0001588753	-	ALODINE 1132 TOUCH-N-PREP COATING	35	Gram(GM)	26-Apr-21
0001588754	-	ALODINE 1132 TOUCH-N-PREP COATING	35	Gram(GM)	26-Apr-21
0001588755	-	ALODINE 1132 TOUCH-N-PREP COATING	35	Gram(GM)	26-Apr-21
0001588756	-	ALODINE 1132 TOUCH-N-PREP COATING	35	Gram(GM)	26-Apr-21
0001588757	-	ALODINE 1132 TOUCH-N-PREP COATING	35	Gram(GM)	26-Apr-21
0001588758	-	ALODINE 1132 TOUCH-N-PREP COATING	35	Gram(GM)	26-Apr-21
0001588759	-	ALODINE 1132 TOUCH-N-PREP COATING	35	Gram(GM)	26-Apr-21
0001588750	-	ALODINE 1132 TOUCH-N-PREP COATING	35	Gram(GM)	26-Apr-21
0001615355	1310-66-3	LITHIUM HYDROXIDE MONOHYDRATE	500	Gram(GM)	26-Apr-21
0001615356	-	Cleaning Solution for Amtax sc Analyser	250	Milliliter(ML)	26-Apr-21
0001615361	1314-37-0	YTTERBIUM OXIDE	1	Kilograms(KG)	26-Apr-21
0001615362	1314-36-9	YTTRIUM OXIDE	1	Kilograms(KG)	26-Apr-21
0001615363	12037-29-5	PRASEODYMIUM OXIDE (PR6O11)	1	Kilograms(KG)	26-Apr-21
0001615367	26628-22-8	SODIUM AZIDE	5	Gram(GM)	26-Apr-21
0001615368	78-10-4	TETRAETHYL ORTHOSILICATE	250	Milliliter(ML)	26-Apr-21
0001615369	75-09-2	DICHLOROMETHANE	1	Liters(L)	26-Apr-21
0001615370	13477-89-9	NEODYMIUM(III) CHLORIDE HEXAHYDRATE	25	Gram(GM)	26-Apr-21
0001615371	67-64-1	ACETONE	2.5	Liters(L)	26-Apr-21
0001615372	-	MECHANICAL PUMP OIL - ULTRAGRADE 15 19 20 70	1	Quarts(QT)	26-Apr-21
0001615374	-	MECHANICAL PUMP OIL - ULTRAGRADE 15 19 20 70	1	Quarts(QT)	26-Apr-21
0001615375	-	MECHANICAL PUMP OIL - ULTRAGRADE 15 19 20 70	1	Quarts(QT)	26-Apr-21
0001615373	-	MECHANICAL PUMP OIL - ULTRAGRADE 15 19 20 70	1	Quarts(QT)	26-Apr-21
0001615376	4545-20-4	Benzophenone p-toluenesulfonylhydrazone	5	Gram(GM)	26-Apr-21
0001615377	4545-20-4	Benzophenone p-toluenesulfonylhydrazone	5	Gram(GM)	26-Apr-21
0001615378	296-35-5	Hexacyclen	100	Milligram(MG)	26-Apr-21
0001615379	3739-94-4	2 6-PYRIDINEDICARBONYL DICHLORIDE 97%	5	Gram(GM)	26-Apr-21
0001615380	905459-27-0	PEPPSI(TM)-IPR CATALYST 98%	1	Gram(GM)	26-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001615381	12007-60-2	LITHIUM TETRABORATE	1	Kilograms(KG)	26-Apr-21
0001615382	12007-60-2	LITHIUM TETRABORATE	1	Kilograms(KG)	26-Apr-21
0001615383	75-75-2	METHANESULFONIC ACID	2.5	Liters(L)	26-Apr-21
0001615384	121-43-7	TRIMETHYL BORATE	25	Milliliter(ML)	26-Apr-21
0001615385	100-27-6	4-Nitrobenzeneethanol	25	Gram(GM)	26-Apr-21
0001615386	108-88-3	TOLUENE ANHYDROUS	2	Liters(L)	26-Apr-21
0001615387	108-88-3	TOLUENE ANHYDROUS	2	Liters(L)	26-Apr-21
0001615388	112-90-3	OLEYLAMINE 70%	500	Gram(GM)	26-Apr-21
0001615389	-	Macro-Prep High Q Support	100	Milliliter(ML)	26-Apr-21
0001615390	-	DOW CORNING 184 SILICONE	0.5	Kilograms(KG)	26-Apr-21
0001615391	2769-71-3	2 6-DIMETHYLPHENYL ISOCYANIDE	5	Gram(GM)	26-Apr-21
0001615392	54761-04-5	YTTERBIUM(III)TRIFLUOROMETHANESULFONATE	5	Gram(GM)	26-Apr-21
0001615394	-	HOLMIUM(III) TRIFLUOROMETHANE SULFONATE	1	Gram(GM)	26-Apr-21
0001615395	-	HOLMIUM(III) TRIFLUOROMETHANE SULFONATE	1	Gram(GM)	26-Apr-21
0001615396	52093-25-1	EUROPIUM (III) TRIFLUOROMETHANESULFONATE	5	Gram(GM)	26-Apr-21
0001615397	67-56-1	METHANOL ANHYDROUS	1	Liters(L)	26-Apr-21
0001615398	67-56-1	METHANOL ANHYDROUS	1	Liters(L)	26-Apr-21
0001615399	-	770-WASTELOCK-ABSORBANT	50	Pounds(LB)	26-Apr-21
0001615400	-	770-WASTELOCK-ABSORBANT	50	Pounds(LB)	26-Apr-21
0001615401	-	770-WASTELOCK-ABSORBANT	50	Pounds(LB)	26-Apr-21
0001615402	-	Iron Assay Kit	1	Gram(GM)	26-Apr-21
0001615393	-	Extran MN 01 Detergent Powder	1.8	Kilograms(KG)	26-Apr-21
0001611693	819-19-2	DI-TERT-BUTYLPHOSPHINE	5	Gram(GM)	27-Apr-21
0001613508	-	REAGENT ALCOHOL	20	Liters(L)	27-Apr-21
0001615475	75-09-2	DICHLOROMETHANE	2	Liters(L)	27-Apr-21
0001615476	7790-99-0	Iodine monochloride	100	Milliliter(ML)	27-Apr-21
0001615479	7790-99-0	Iodine monochloride	100	Milliliter(ML)	27-Apr-21
0001615478	7790-99-0	Iodine monochloride	100	Milliliter(ML)	27-Apr-21
0001615477	7790-99-0	Iodine monochloride	100	Milliliter(ML)	27-Apr-21
0000956483	18107-18-1	TRIMETHYLSILYLDIAZOMETHANE	25	Milliliter(ML)	27-Apr-21
0000956447	2018-61-3	N-ACETYL-L-PHENYLALANINE	1	Gram(GM)	27-Apr-21
0000956450	174501-65-6	1-BUTYL-3-METHYLIMIDAZOLIUM TETRAFLUOROBORATE	5	Gram(GM)	27-Apr-21
0001615480	-	DGA Resin Normal	25	Gram(GM)	27-Apr-21
0001615482	7085-85-0	Gorilla Super Glue	15	Gram(GM)	27-Apr-21
0001615489	7085-85-0	Gorilla Super Glue	15	Gram(GM)	27-Apr-21
0001615488	7085-85-0	Gorilla Super Glue	15	Gram(GM)	27-Apr-21
0001615487	7085-85-0	Gorilla Super Glue	15	Gram(GM)	27-Apr-21
0001615486	7085-85-0	Gorilla Super Glue	15	Gram(GM)	27-Apr-21
0001615485	7085-85-0	Gorilla Super Glue	15	Gram(GM)	27-Apr-21
0001615483	7085-85-0	Gorilla Super Glue	15	Gram(GM)	27-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001615484	7085-85-0	Gorilla Super Glue	15	Gram(GM)	27-Apr-21
0001615490	63148-62-9	Parker Super-O-Lube	2	Ounces(OZ)	27-Apr-21
0001615496	63148-62-9	Parker Super-O-Lube	2	Ounces(OZ)	27-Apr-21
0001615495	63148-62-9	Parker Super-O-Lube	2	Ounces(OZ)	27-Apr-21
0001615494	63148-62-9	Parker Super-O-Lube	2	Ounces(OZ)	27-Apr-21
0001615493	63148-62-9	Parker Super-O-Lube	2	Ounces(OZ)	27-Apr-21
0001615497	63148-62-9	Parker Super-O-Lube	2	Ounces(OZ)	27-Apr-21
0001615492	63148-62-9	Parker Super-O-Lube	2	Ounces(OZ)	27-Apr-21
0001615491	63148-62-9	Parker Super-O-Lube	2	Ounces(OZ)	27-Apr-21
0001615498	7705-07-9	TITANIUM(III) CHLORIDE	250	Gram(GM)	27-Apr-21
0001615499	10043-35-3	BORIC ACID	50	Gram(GM)	27-Apr-21
0001615500	7705-07-9	TITANIUM(III) CHLORIDE	100	Milliliter(ML)	27-Apr-21
0001615501	78-93-3	2-BUTANONE	4	Liters(L)	27-Apr-21
0001615502	78-93-3	2-BUTANONE	4	Liters(L)	27-Apr-21
0001615503	7429-91-6	DYSPROSIUM	25	Gram(GM)	27-Apr-21
0001615504	22189-32-8	SPECTINOMYCIN DIHYDROCHLORIDE PENTAHYDRATE	25	Gram(GM)	27-Apr-21
0001615505	26023-84-7	Chloroplatinic acid hydrate	5	Gram(GM)	27-Apr-21
0001615506	-	UTEVA Resin; UTEVA Resin Cartridges; UTEVA Resin 10 13 or 15 mL 50-100(Micro)/PreFilter Resin 3 mL 100-150(Micro)	550	Milliliter(ML)	27-Apr-21
0001615507	-	UTEVA Resin; UTEVA Resin Cartridges; UTEVA Resin 10 13 or 15 mL 50-100(Micro)/PreFilter Resin 3 mL 100-150(Micro)	550	Milliliter(ML)	27-Apr-21
0001615508	-	UTEVA Resin; UTEVA Resin Cartridges; UTEVA Resin 10 13 or 15 mL 50-100(Micro)/PreFilter Resin 3 mL 100-150(Micro)	550	Milliliter(ML)	27-Apr-21
0001615509	-	1 2 3 4-TETRAMETHYL-1 3-CYCLOPENTADIENE	25	Gram(GM)	27-Apr-21
0001615510	-	Fmoc-T-Butyl-L-Alanine	250	Milligram(MG)	27-Apr-21
0001615511	-	Fmoc-T-Butyl-L-Alanine	250	Milligram(MG)	27-Apr-21
0001615512	-	Fmoc-T-Butyl-L-Alanine	250	Milligram(MG)	27-Apr-21
0001615513	-	ULTIMA GOLD	1	Liters(L)	27-Apr-21
0001615514	-	Dottie Duct Seal	1	Pounds(LB)	27-Apr-21
0001628091	-	TITEBOND II (PREMIUM WOOD GLUE)	1	Gallon(GAL)	27-Apr-21
0001627804	-	PLAZA PLUS Sealer/Finish	5	Gallon(GAL)	27-Apr-21
0001628092	-	MOBILITH SHC 460 SYNTHETIC GREASE	5	Gallon(GAL)	27-Apr-21
0001628093	-	MOBILITH SHC 460 SYNTHETIC GREASE	5	Gallon(GAL)	27-Apr-21
0001628094	-	MOBILITH SHC 460 SYNTHETIC GREASE	5	Gallon(GAL)	27-Apr-21
0001627805	-	INGERSOLL-RAND ULTRA COOLANT	1.2	Gallon(GAL)	27-Apr-21
0001627806	-	INGERSOLL-RAND ULTRA COOLANT	1.2	Gallon(GAL)	27-Apr-21
0001627803	-	SULLAIR SULLUBE	5	Gallon(GAL)	27-Apr-21
0001615533	-	Dottie Duct Seal	1	Pounds(LB)	27-Apr-21
0001615527	-	Dottie Duct Seal	1	Pounds(LB)	27-Apr-21
0001615528	-	Dottie Duct Seal	1	Pounds(LB)	27-Apr-21
0001615529	-	Dottie Duct Seal	1	Pounds(LB)	27-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001615530	-	Dottie Duct Seal	1	Pounds(LB)	27-Apr-21
0001615531	-	Dottie Duct Seal	1	Pounds(LB)	27-Apr-21
0001615515	-	Dottie Duct Seal	1	Pounds(LB)	27-Apr-21
0001615526	-	Dottie Duct Seal	1	Pounds(LB)	27-Apr-21
0001615534	-	Dottie Duct Seal	1	Pounds(LB)	27-Apr-21
0001615521	-	Dottie Duct Seal	1	Pounds(LB)	27-Apr-21
0001615535	-	Dottie Duct Seal	1	Pounds(LB)	27-Apr-21
0001615525	-	Dottie Duct Seal	1	Pounds(LB)	27-Apr-21
0001615524	-	Dottie Duct Seal	1	Pounds(LB)	27-Apr-21
0001615532	-	Dottie Duct Seal	1	Pounds(LB)	27-Apr-21
0001615522	-	Dottie Duct Seal	1	Pounds(LB)	27-Apr-21
0001615520	-	Dottie Duct Seal	1	Pounds(LB)	27-Apr-21
0001615519	-	Dottie Duct Seal	1	Pounds(LB)	27-Apr-21
0001615518	-	Dottie Duct Seal	1	Pounds(LB)	27-Apr-21
0001615517	-	Dottie Duct Seal	1	Pounds(LB)	27-Apr-21
0001615516	-	Dottie Duct Seal	1	Pounds(LB)	27-Apr-21
0001615523	-	Dottie Duct Seal	1	Pounds(LB)	27-Apr-21
0001615536	71-43-2	BENZENE	500	Milliliter(ML)	27-Apr-21
0001615537	67-63-0	2-PROPANOL	4	Liters(L)	27-Apr-21
0001615538	67-63-0	2-PROPANOL	4	Liters(L)	27-Apr-21
0001615541	-	CABOT CAB-O-SIL TS-720	1	Quarts(QT)	27-Apr-21
0001615542	-	CABOT CAB-O-SIL TS-720	1	Quarts(QT)	27-Apr-21
0001615543	-	NORLAND OPTICAL ADHESIVE 61	10	Gram(GM)	27-Apr-21
0001615546	-	NORLAND OPTICAL ADHESIVE 61	10	Gram(GM)	27-Apr-21
0001615544	-	NORLAND OPTICAL ADHESIVE 61	10	Gram(GM)	27-Apr-21
0001615545	-	NORLAND OPTICAL ADHESIVE 61	10	Gram(GM)	27-Apr-21
0001615547	-	Nitric Acid 1.000 Normal	1	Liters(L)	27-Apr-21
0001615552	-	Nitric Acid 1.000 Normal	1	Liters(L)	27-Apr-21
0001615549	-	Nitric Acid 1.000 Normal	1	Liters(L)	27-Apr-21
0001615550	-	Nitric Acid 1.000 Normal	1	Liters(L)	27-Apr-21
0001615551	-	Nitric Acid 1.000 Normal	1	Liters(L)	27-Apr-21
0001615553	-	Nitric Acid 1.000 Normal	1	Liters(L)	27-Apr-21
0001615555	-	Nitric Acid 1.000 Normal	1	Liters(L)	27-Apr-21
0001615556	-	Nitric Acid 1.000 Normal	1	Liters(L)	27-Apr-21
0001615548	-	Nitric Acid 1.000 Normal	1	Liters(L)	27-Apr-21
0001615554	-	Nitric Acid 1.000 Normal	1	Liters(L)	27-Apr-21
0001615558	67-63-0	ISOPROPYL ALCOHOL	20	Liters(L)	27-Apr-21
0001615559	67-63-0	ISOPROPYL ALCOHOL	20	Liters(L)	27-Apr-21
0001615357	-	0.1 M NH4-N Electrolyte for Amtax sc Analyzer	11	Milliliter(ML)	27-Apr-21
0001615358	-	Reagent for Amtax sc Analyzer	2500	Milliliter(ML)	27-Apr-21
0001615359	-	50 mg/L NH4-N Standard Solution	2000	Milliliter(ML)	27-Apr-21
0001615360	-	10 mg/L NH4-N Standard Solution	2000	Milliliter(ML)	27-Apr-21
0001607774	124-63-0	METHANESULFONYL CHLORIDE 99%	500	Milliliter(ML)	27-Apr-21
0001611694	10025-87-3	PHOSPHORUS(V) OXYCHLORIDE	250	Gram(GM)	27-Apr-21
0001613509	67-63-0	2-PROPANOL	4	Liters(L)	27-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001387731	-	TITANIUM OXIDE STANDARD	4	Kilograms(KG)	27-Apr-21
0001613510	67-63-0	2-PROPANOL	4	Liters(L)	27-Apr-21
0001613511	67-63-0	2-PROPANOL	4	Liters(L)	27-Apr-21
0001613513	7697-37-2	NITRIC ACID	500	Milliliter(ML)	27-Apr-21
0001613516	7697-37-2	NITRIC ACID	500	Milliliter(ML)	27-Apr-21
0001613514	7697-37-2	NITRIC ACID	500	Milliliter(ML)	27-Apr-21
0001613520	7697-37-2	NITRIC ACID	500	Milliliter(ML)	27-Apr-21
0001613523	7697-37-2	NITRIC ACID	500	Milliliter(ML)	27-Apr-21
0001613515	7697-37-2	NITRIC ACID	500	Milliliter(ML)	27-Apr-21
0001613518	7697-37-2	NITRIC ACID	500	Milliliter(ML)	27-Apr-21
0001613521	7697-37-2	NITRIC ACID	500	Milliliter(ML)	27-Apr-21
0001613519	7697-37-2	NITRIC ACID	500	Milliliter(ML)	27-Apr-21
0001613517	7697-37-2	NITRIC ACID	500	Milliliter(ML)	27-Apr-21
0001613522	7697-37-2	NITRIC ACID	500	Milliliter(ML)	27-Apr-21
0001613524	-	NITRIC ACID TRACE METAL	500	Milliliter(ML)	27-Apr-21
0001613526	-	NITRIC ACID TRACE METAL	500	Milliliter(ML)	27-Apr-21
0001613525	-	NITRIC ACID TRACE METAL	500	Milliliter(ML)	27-Apr-21
0001613527	-	NITRIC ACID TRACE METAL	500	Milliliter(ML)	27-Apr-21
0001613531	-	NITRIC ACID TRACE METAL	500	Milliliter(ML)	27-Apr-21
0001613528	-	NITRIC ACID TRACE METAL	500	Milliliter(ML)	27-Apr-21
0001613529	-	NITRIC ACID TRACE METAL	500	Milliliter(ML)	27-Apr-21
0001613530	-	NITRIC ACID TRACE METAL	500	Milliliter(ML)	27-Apr-21
0001615560	7697-37-2	NITRIC ACID	2	Liters(L)	27-Apr-21
0001615564	7697-37-2	NITRIC ACID	2	Liters(L)	27-Apr-21
0001615563	7697-37-2	NITRIC ACID	2	Liters(L)	27-Apr-21
0001615562	7697-37-2	NITRIC ACID	2	Liters(L)	27-Apr-21
0001615561	7697-37-2	NITRIC ACID	2	Liters(L)	27-Apr-21
0001615565	7697-37-2	NITRIC ACID	1	Liters(L)	27-Apr-21
0001615569	7697-37-2	NITRIC ACID	1	Liters(L)	27-Apr-21
0001615566	7697-37-2	NITRIC ACID	1	Liters(L)	27-Apr-21
0001615568	7697-37-2	NITRIC ACID	1	Liters(L)	27-Apr-21
0001615567	7697-37-2	NITRIC ACID	1	Liters(L)	27-Apr-21
0001615570	7697-37-2	NITRIC ACID	2	Liters(L)	27-Apr-21
0001615572	7697-37-2	NITRIC ACID	2	Liters(L)	27-Apr-21
0001615575	7697-37-2	NITRIC ACID	2	Liters(L)	27-Apr-21
0001615573	7697-37-2	NITRIC ACID	2	Liters(L)	27-Apr-21
0001615574	7697-37-2	NITRIC ACID	2	Liters(L)	27-Apr-21
0001615576	7697-37-2	NITRIC ACID	2	Liters(L)	27-Apr-21
0001615578	7697-37-2	NITRIC ACID	2	Liters(L)	27-Apr-21
0001615579	7697-37-2	NITRIC ACID	2	Liters(L)	27-Apr-21
0001615571	7697-37-2	NITRIC ACID	2	Liters(L)	27-Apr-21
0001615577	7697-37-2	NITRIC ACID	2	Liters(L)	27-Apr-21
0001615581	-	OBJET VEROCLEAR RGD810	3.5	Kilograms(KG)	27-Apr-21
0001615481	-	Flexible 80A Resin	1	Liters(L)	27-Apr-21
0001615539	-	Cole-Parmer Hand Sanitizer	1	Gallon(GAL)	27-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001615540	-	Cole-Parmer Hand Sanitizer	1	Gallon(GAL)	27-Apr-21
0001423748	-	FIRESTOP PUTTY	295	Milliliter(ML)	27-Apr-21
0001423598	-	PIPE THREAD SEALANT	0.5	Pint(PT)	27-Apr-21
0001423601	-	PIPE THREAD SEALANT	0.5	Pint(PT)	27-Apr-21
0001423602	-	PIPE THREAD SEALANT	0.5	Pint(PT)	27-Apr-21
0001423603	-	PIPE THREAD SEALANT	0.5	Pint(PT)	27-Apr-21
0001423599	-	PIPE THREAD SEALANT	0.5	Pint(PT)	27-Apr-21
0001423600	-	PIPE THREAD SEALANT	0.5	Pint(PT)	27-Apr-21
0001678791	-	R-407C	25	Pounds(LB)	28-Apr-21
0001678794	-	R-407C	25	Pounds(LB)	28-Apr-21
0001678792	-	R-407C	25	Pounds(LB)	28-Apr-21
0001678793	-	R-407C	25	Pounds(LB)	28-Apr-21
0000956438	52-90-4	L-CYSTEINE	25	Gram(GM)	28-Apr-21
0000956473	50-21-5	LACTIC ACID	250	Milliliter(ML)	28-Apr-21
0000956444	97-67-6	MALIC ACID	10	Gram(GM)	28-Apr-21
0000956482	21210-43-5	(S)-(+)-Methyl mandelate	5	Gram(GM)	28-Apr-21
0000956458	1565-80-6	(S)-(-)-2-METHYL-1-BUTANOL 99%	1	Gram(GM)	28-Apr-21
0000956455	108-88-3	TOLUENE	100	Milliliter(ML)	28-Apr-21
0000956445	147-71-7	D-TARTARIC ACID	25	Gram(GM)	28-Apr-21
0001615582	-	FULLCURE 705	3.6	Kilograms(KG)	28-Apr-21
0000956480	7474-05-7	(R)-(+)-2-CHLOROPROPIONIC ACID 99%(90% EE/GLC)	1	Gram(GM)	28-Apr-21
0001615583	7697-37-2	NITRIC ACID	2.5	Liters(L)	28-Apr-21
0001615584	7697-37-2	NITRIC ACID	2.5	Liters(L)	28-Apr-21
0001615585	7697-37-2	NITRIC ACID	2.5	Liters(L)	28-Apr-21
0001615586	10099-66-8	LUTETIUM (III) CHLORIDE	5	Gram(GM)	28-Apr-21
0001615587	10099-66-8	LUTETIUM (III) CHLORIDE	5	Gram(GM)	28-Apr-21
0001615588	2206-27-1	Dimethyl sulfoxide-D6 with TMS (0.03 vol.%) deuteration degree min. 99.8% for NMR spectroscopy MagniSolv	100	Milliliter(ML)	28-Apr-21
0001615589	-	SYLGARD 184 SILICONE ELASTOMER	5	Kilograms(KG)	28-Apr-21
0001678795	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	28-Apr-21
0001678796	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	28-Apr-21
0001678814	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	28-Apr-21
0001678813	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	28-Apr-21
0001678812	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	28-Apr-21
0001678811	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	28-Apr-21
0001678810	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	28-Apr-21
0001678799	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	28-Apr-21
0001678808	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	28-Apr-21
0001678817	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	28-Apr-21
0001678806	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	28-Apr-21
0001678804	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	28-Apr-21
0001678803	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	28-Apr-21
0001678802	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	28-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001678801	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	28-Apr-21
0001678800	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	28-Apr-21
0001678809	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	28-Apr-21
0001678823	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	28-Apr-21
0001678831	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	28-Apr-21
0001678830	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	28-Apr-21
0001678829	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	28-Apr-21
0001678828	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	28-Apr-21
0001678827	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	28-Apr-21
0001678826	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	28-Apr-21
0001678815	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	28-Apr-21
0001678824	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	28-Apr-21
0001678816	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	28-Apr-21
0001678822	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	28-Apr-21
0001678821	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	28-Apr-21
0001678820	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	28-Apr-21
0001678819	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	28-Apr-21
0001678818	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	28-Apr-21
0001678805	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	28-Apr-21
0001678825	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	28-Apr-21
0001678797	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	28-Apr-21
0001678798	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	28-Apr-21
0001678807	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	28-Apr-21
0001615590	-	LB BROTH MILLER	500	Gram(GM)	28-Apr-21
0001678832	-	Compressed Air	220	Cubic Feet(CF)	28-Apr-21
0001678834	-	Compressed Air	220	Cubic Feet(CF)	28-Apr-21
0001678833	-	Compressed Air	220	Cubic Feet(CF)	28-Apr-21
0001678835	-	Argon 75% Carbon Dioxide 25%	220	Cubic Feet(CF)	28-Apr-21
0001678837	-	Argon 75% Carbon Dioxide 25%	220	Cubic Feet(CF)	28-Apr-21
0001678836	-	Argon 75% Carbon Dioxide 25%	220	Cubic Feet(CF)	28-Apr-21
0001678838	-	Hydrogen Argon	40	Cubic Feet(CF)	28-Apr-21
0001678839	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	28-Apr-21
0001678846	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	28-Apr-21
0001678844	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	28-Apr-21
0001678845	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	28-Apr-21
0001678841	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	28-Apr-21
0001678842	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	28-Apr-21
0001678843	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	28-Apr-21
0001678840	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	28-Apr-21
0001678847	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	28-Apr-21
0001678880	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	28-Apr-21
0001678881	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	28-Apr-21
0001678882	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	28-Apr-21
0001678883	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	28-Apr-21
0001678884	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	28-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001678885	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	28-Apr-21
0001678855	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	28-Apr-21
0001678869	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	28-Apr-21
0001678860	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	28-Apr-21
0001678861	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	28-Apr-21
0001678859	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	28-Apr-21
0001678862	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	28-Apr-21
0001678863	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	28-Apr-21
0001678879	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	28-Apr-21
0001678864	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	28-Apr-21
0001678865	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	28-Apr-21
0001678866	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	28-Apr-21
0001678858	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	28-Apr-21
0001678868	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	28-Apr-21
0001678857	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	28-Apr-21
0001678870	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	28-Apr-21
0001678871	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	28-Apr-21
0001678872	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	28-Apr-21
0001678873	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	28-Apr-21
0001678874	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	28-Apr-21
0001678875	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	28-Apr-21
0001678876	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	28-Apr-21
0001678877	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	28-Apr-21
0001678878	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	28-Apr-21
0001678856	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	28-Apr-21
0001678867	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	28-Apr-21
0001678849	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	28-Apr-21
0001678850	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	28-Apr-21
0001678851	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	28-Apr-21
0001678852	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	28-Apr-21
0001678853	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	28-Apr-21
0001678854	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	28-Apr-21
0001678848	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	28-Apr-21
0001678886	124-38-9	CARBON DIOXIDE GAS	50	Cubic Feet(CF)	28-Apr-21
0001678891	124-38-9	CARBON DIOXIDE GAS	50	Cubic Feet(CF)	28-Apr-21
0001678889	124-38-9	CARBON DIOXIDE GAS	50	Cubic Feet(CF)	28-Apr-21
0001678887	124-38-9	CARBON DIOXIDE GAS	50	Cubic Feet(CF)	28-Apr-21
0001678888	124-38-9	CARBON DIOXIDE GAS	50	Cubic Feet(CF)	28-Apr-21
0001678892	124-38-9	CARBON DIOXIDE GAS	50	Cubic Feet(CF)	28-Apr-21
0001678890	124-38-9	CARBON DIOXIDE GAS	50	Cubic Feet(CF)	28-Apr-21
0001615591	-	UTEVA Resin; UTEVA Resin Cartridges; UTEVA Resin 10 13 or 15 mL 50-100(Micro)/PreFilter Resin 3 mL 100-150(Micro)	1	Milliliter(ML)	28-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001615594	-	UTEVA Resin; UTEVA Resin Cartridges; UTEVA Resin 10 13 or 15 mL 50-100(Micro)/PreFilter Resin 3 mL 100-150(Micro)	1	Milliliter(ML)	28-Apr-21
0001615593	-	UTEVA Resin; UTEVA Resin Cartridges; UTEVA Resin 10 13 or 15 mL 50-100(Micro)/PreFilter Resin 3 mL 100-150(Micro)	1	Milliliter(ML)	28-Apr-21
0001615592	-	UTEVA Resin; UTEVA Resin Cartridges; UTEVA Resin 10 13 or 15 mL 50-100(Micro)/PreFilter Resin 3 mL 100-150(Micro)	1	Milliliter(ML)	28-Apr-21
0001615595	-	DOW CORNING HIGH VACUUM GREASE	150	Gram(GM)	28-Apr-21
0001615596	-	DOW CORNING HIGH VACUUM GREASE	150	Gram(GM)	28-Apr-21
0001678893	124-38-9	CARBON DIOXIDE SOLID	50	Cubic Feet(CF)	28-Apr-21
0001678894	124-38-9	CARBON DIOXIDE SOLID	50	Cubic Feet(CF)	28-Apr-21
0001678895	-	95% NITROGEN/5% HYDROGEN	220	Cubic Feet(CF)	28-Apr-21
0001678899	-	95% NITROGEN/5% HYDROGEN	220	Cubic Feet(CF)	28-Apr-21
0001678896	-	95% NITROGEN/5% HYDROGEN	220	Cubic Feet(CF)	28-Apr-21
0001678901	-	95% NITROGEN/5% HYDROGEN	220	Cubic Feet(CF)	28-Apr-21
0001678900	-	95% NITROGEN/5% HYDROGEN	220	Cubic Feet(CF)	28-Apr-21
0001678902	-	95% NITROGEN/5% HYDROGEN	220	Cubic Feet(CF)	28-Apr-21
0001678898	-	95% NITROGEN/5% HYDROGEN	220	Cubic Feet(CF)	28-Apr-21
0001678903	-	95% NITROGEN/5% HYDROGEN	220	Cubic Feet(CF)	28-Apr-21
0001678897	-	95% NITROGEN/5% HYDROGEN	220	Cubic Feet(CF)	28-Apr-21
0001678904	74-98-6	PROPANE	25	Cubic Feet(CF)	28-Apr-21
0001678905	74-98-6	PROPANE	25	Cubic Feet(CF)	28-Apr-21
0001678916	74-98-6	PROPANE	50	Cubic Feet(CF)	28-Apr-21
0001678917	74-98-6	PROPANE	50	Cubic Feet(CF)	28-Apr-21
0001678915	74-98-6	PROPANE	50	Cubic Feet(CF)	28-Apr-21
0001678908	74-98-6	PROPANE	50	Cubic Feet(CF)	28-Apr-21
0001678914	74-98-6	PROPANE	50	Cubic Feet(CF)	28-Apr-21
0001678912	74-98-6	PROPANE	50	Cubic Feet(CF)	28-Apr-21
0001678909	74-98-6	PROPANE	50	Cubic Feet(CF)	28-Apr-21
0001678910	74-98-6	PROPANE	50	Cubic Feet(CF)	28-Apr-21
0001678911	74-98-6	PROPANE	50	Cubic Feet(CF)	28-Apr-21
0001678906	74-98-6	PROPANE	50	Cubic Feet(CF)	28-Apr-21
0001678907	74-98-6	PROPANE	50	Cubic Feet(CF)	28-Apr-21
0001678913	74-98-6	PROPANE	50	Cubic Feet(CF)	28-Apr-21
0001678918	-	Heptafluoropropane	40	Cubic Feet(CF)	28-Apr-21
0001678919	-	Heptafluoropropane	40	Cubic Feet(CF)	28-Apr-21
0001678920	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	28-Apr-21
0001678921	-	ARGON GAS	220	Cubic Feet(CF)	28-Apr-21
0001678922	124-38-9	CARBON DIOXIDE GAS	50	Cubic Feet(CF)	28-Apr-21
0001615597	939-27-5	2-Ethylnaphthalene	25	Gram(GM)	28-Apr-21
0001615598	13598-65-7	AMMONIUM PERRHENATE	25	Gram(GM)	28-Apr-21
0001615599	13598-65-7	AMMONIUM PERRHENATE	25	Gram(GM)	28-Apr-21
0001615603	1141-88-4	2 2'-Dithiodianiline	25	Gram(GM)	28-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001615604	-	Chemtronics Flux-Off Rosin	10	Ounces(OZ)	28-Apr-21
0001615614	2226-96-2	4-HYDROXY-TEMPO	25	Gram(GM)	28-Apr-21
0001615615	32503-27-8	Tetrabutylammonium bisulfate	100	Gram(GM)	28-Apr-21
0001615616	7447-41-8	LITHIUM CHLORIDE	100	Gram(GM)	28-Apr-21
0001543796	-	CITRANOX ACID CLEANER LIQUID DETERGENT	1	Gallon(GAL)	28-Apr-21
0001543799	-	CITRANOX ACID CLEANER LIQUID DETERGENT	1	Gallon(GAL)	28-Apr-21
0001543798	-	CITRANOX ACID CLEANER LIQUID DETERGENT	1	Gallon(GAL)	28-Apr-21
0001543797	-	CITRANOX ACID CLEANER LIQUID DETERGENT	1	Gallon(GAL)	28-Apr-21
0001543800	-	MOBIL SYNTHETIC LUBRICATING GREASE	13.4	Ounces(OZ)	28-Apr-21
0001543801	-	MOBIL SYNTHETIC LUBRICATING GREASE	13.4	Ounces(OZ)	28-Apr-21
0001543802	-	Loctite 263 Threadlocker	0.34	Ounces(OZ)	28-Apr-21
0001543805	-	LOCTITE 243 THREADLOCKER	0.34	Ounces(OZ)	28-Apr-21
0001543804	-	LOCTITE 243 THREADLOCKER	0.34	Ounces(OZ)	28-Apr-21
0001543803	-	Loctite 263 Threadlocker	0.34	Ounces(OZ)	28-Apr-21
0001615617	-	NOKORODE REGULAR PASTE FLUX	1.7	Ounces(OZ)	28-Apr-21
0001615618	-	NOKORODE REGULAR PASTE FLUX	1.7	Ounces(OZ)	28-Apr-21
0001662295	-	Cross Check - All Colors	1	Ounces(OZ)	28-Apr-21
0001662298	-	Cross Check - All Colors	1	Ounces(OZ)	28-Apr-21
0001662297	-	Cross Check - All Colors	1	Ounces(OZ)	28-Apr-21
0001662296	-	Cross Check - All Colors	1	Ounces(OZ)	28-Apr-21
0001615631	67-64-1	ACETONE	4	Liters(L)	28-Apr-21
0001615632	67-64-1	ACETONE	4	Liters(L)	28-Apr-21
0001615633	56-85-9	L-(+)-GLUTAMINE	100	Milliliter(ML)	28-Apr-21
0001578842	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001628374	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001628380	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001628379	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001628378	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001628377	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001628376	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001628375	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001628381	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001628382	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001628292	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001628298	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001628302	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001628293	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001628294	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001628295	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001628303	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001628297	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001628308	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001628299	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001628300	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001628296	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001628304	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001628305	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001628301	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001628307	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001628309	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001628310	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001628306	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001615634	-	SODIUM PYRUVATE SOLUTION	100	Milliliter(ML)	28-Apr-21
0001578740	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001578741	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001578742	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001578744	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001578768	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001578769	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001578770	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001578771	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001578772	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001578751	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001578774	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001578766	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001578767	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001578745	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001578746	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001578747	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001578748	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001578749	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001578750	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001578760	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001578773	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001578752	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001578764	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001578765	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001578763	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001578761	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001578759	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001578758	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001578757	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001578756	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001578755	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001578754	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001578753	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001578762	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	28-Apr-21
0001615635	-	MEM NON-ESSENTIAL AMINO ACIDS SOLUTION (100X)	100	Milliliter(ML)	28-Apr-21
0001615636	5154-00-7	2-amino-6-hydroxypyridine	10	Gram(GM)	28-Apr-21
0001615637	1314-23-4	ZIRCONIUM OXIDE	500	Gram(GM)	28-Apr-21
0001615638	9002-89-5	Polyvinyl alcohol hydrolyzed	25	Gram(GM)	28-Apr-21
0001615639	56-81-5	GLYCERIN	1	Liters(L)	28-Apr-21
0001615640	56-81-5	GLYCERIN	1	Liters(L)	28-Apr-21
0001615619	-	COD TNTPlus LR (3-150 MG/L)	100	Milliliter(ML)	28-Apr-21
0001615627	-	COD TNTPlus LR (3-150 MG/L)	100	Milliliter(ML)	28-Apr-21
0001615630	-	COD TNTPlus LR (3-150 MG/L)	100	Milliliter(ML)	28-Apr-21
0001615629	-	COD TNTPlus LR (3-150 MG/L)	100	Milliliter(ML)	28-Apr-21
0001615628	-	COD TNTPlus LR (3-150 MG/L)	100	Milliliter(ML)	28-Apr-21
0001615624	-	COD TNTPlus LR (3-150 MG/L)	100	Milliliter(ML)	28-Apr-21
0001615623	-	COD TNTPlus LR (3-150 MG/L)	100	Milliliter(ML)	28-Apr-21
0001615622	-	COD TNTPlus LR (3-150 MG/L)	100	Milliliter(ML)	28-Apr-21
0001615621	-	COD TNTPlus LR (3-150 MG/L)	100	Milliliter(ML)	28-Apr-21
0001615620	-	COD TNTPlus LR (3-150 MG/L)	100	Milliliter(ML)	28-Apr-21
0001615626	-	COD TNTPlus LR (3-150 MG/L)	100	Milliliter(ML)	28-Apr-21
0001615625	-	COD TNTPlus LR (3-150 MG/L)	100	Milliliter(ML)	28-Apr-21
0001615612	-	Chemtronics Flux-Off Rosin	10	Ounces(OZ)	28-Apr-21
0001615611	-	Chemtronics Flux-Off Rosin	10	Ounces(OZ)	28-Apr-21
0001615610	-	Chemtronics Flux-Off Rosin	10	Ounces(OZ)	28-Apr-21
0001615609	-	Chemtronics Flux-Off Rosin	10	Ounces(OZ)	28-Apr-21
0001615608	-	Chemtronics Flux-Off Rosin	10	Ounces(OZ)	28-Apr-21
0001615607	-	Chemtronics Flux-Off Rosin	10	Ounces(OZ)	28-Apr-21
0001615606	-	Chemtronics Flux-Off Rosin	10	Ounces(OZ)	28-Apr-21
0001615605	-	Chemtronics Flux-Off Rosin	10	Ounces(OZ)	28-Apr-21
0001615613	-	Chemtronics Flux-Off Rosin	10	Ounces(OZ)	28-Apr-21
0001615704	7697-37-2	LANL-33 Custom Solution	500	Milliliter(ML)	28-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001615703	7697-37-2	LANL-33 Custom Solution	500	Milliliter(ML)	28-Apr-21
0001614548	-	1000 ug/ml Chlorate	125	Milliliter(ML)	28-Apr-21
0001615641	5888-33-5	OBJET RGD515	3.6	Kilograms(KG)	28-Apr-21
0001615642	5888-33-5	OBJET RGD515	3.6	Kilograms(KG)	28-Apr-21
0001615643	7697-37-2	NITRIC ACID	1	Liters(L)	28-Apr-21
0001615644	7697-37-2	NITRIC ACID	1	Liters(L)	28-Apr-21
0001615645	7697-37-2	NITRIC ACID	1	Liters(L)	28-Apr-21
0001615646	7697-37-2	NITRIC ACID	1	Liters(L)	28-Apr-21
0001615651	-	HIGH VACUUM GREASE	150	Gram(GM)	28-Apr-21
0001615652	1310-73-2	CHEM SOLV	32	Ounces(OZ)	28-Apr-21
0001615653	67-56-1	METHANOL	4	Liters(L)	28-Apr-21
0001615654	67-56-1	METHANOL	4	Liters(L)	28-Apr-21
0001615655	67-56-1	METHANOL	4	Liters(L)	28-Apr-21
0001615656	67-56-1	METHANOL	4	Liters(L)	28-Apr-21
0001615657	67-56-1	METHANOL	4	Liters(L)	28-Apr-21
0001615658	67-56-1	METHANOL	4	Liters(L)	28-Apr-21
0001615659	67-56-1	METHANOL	4	Liters(L)	28-Apr-21
0001615660	67-56-1	METHANOL	4	Liters(L)	28-Apr-21
0001615661	67-56-1	METHANOL REAGENT ACS	4	Liters(L)	28-Apr-21
0001615664	67-56-1	METHANOL REAGENT ACS	4	Liters(L)	28-Apr-21
0001615662	67-56-1	METHANOL REAGENT ACS	4	Liters(L)	28-Apr-21
0001615663	67-56-1	METHANOL REAGENT ACS	4	Liters(L)	28-Apr-21
0001615665	75-09-2	Methylene Chloride Optima	4	Liters(L)	28-Apr-21
0001615666	75-09-2	Methylene Chloride Optima	4	Liters(L)	28-Apr-21
0001615667	75-09-2	Methylene Chloride Optima	4	Liters(L)	28-Apr-21
0001615668	75-09-2	Methylene Chloride Optima	4	Liters(L)	28-Apr-21
0001615669	7722-84-1	HYDROGEN PEROXIDE SOLUTION	500	Milliliter(ML)	28-Apr-21
0001615670	141-78-6	Ethyl acetate +/-99.7% CHROMASOLV for HPLC	4	Liters(L)	28-Apr-21
0001750521	-	WHITE UPSIDE DOWN SPRAY PAINT	15	Ounces(OZ)	28-Apr-21
0001750531	-	WHITE UPSIDE DOWN SPRAY PAINT	15	Ounces(OZ)	28-Apr-21
0001750530	-	WHITE UPSIDE DOWN SPRAY PAINT	15	Ounces(OZ)	28-Apr-21
0001750538	-	WHITE UPSIDE DOWN SPRAY PAINT	15	Ounces(OZ)	28-Apr-21
0001750537	-	WHITE UPSIDE DOWN SPRAY PAINT	15	Ounces(OZ)	28-Apr-21
0001750536	-	WHITE UPSIDE DOWN SPRAY PAINT	15	Ounces(OZ)	28-Apr-21
0001750535	-	WHITE UPSIDE DOWN SPRAY PAINT	15	Ounces(OZ)	28-Apr-21
0001750534	-	WHITE UPSIDE DOWN SPRAY PAINT	15	Ounces(OZ)	28-Apr-21
0001750533	-	WHITE UPSIDE DOWN SPRAY PAINT	15	Ounces(OZ)	28-Apr-21
0001750529	-	WHITE UPSIDE DOWN SPRAY PAINT	15	Ounces(OZ)	28-Apr-21
0001750532	-	WHITE UPSIDE DOWN SPRAY PAINT	15	Ounces(OZ)	28-Apr-21
0001750528	-	WHITE UPSIDE DOWN SPRAY PAINT	15	Ounces(OZ)	28-Apr-21
0001750527	-	WHITE UPSIDE DOWN SPRAY PAINT	15	Ounces(OZ)	28-Apr-21
0001750526	-	WHITE UPSIDE DOWN SPRAY PAINT	15	Ounces(OZ)	28-Apr-21
0001750525	-	WHITE UPSIDE DOWN SPRAY PAINT	15	Ounces(OZ)	28-Apr-21
0001750524	-	WHITE UPSIDE DOWN SPRAY PAINT	15	Ounces(OZ)	28-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001750523	-	WHITE UPSIDE DOWN SPRAY PAINT	15	Ounces(OZ)	28-Apr-21
0001750522	-	WHITE UPSIDE DOWN SPRAY PAINT	15	Ounces(OZ)	28-Apr-21
0001615671	-	3M Scotchcast Electrical Resin 226 Part A	15.8	Pounds(LB)	28-Apr-21
0001615672	7446-20-0	ZINC SULFATE HEPTAHYDRATE	500	Gram(GM)	28-Apr-21
0001615673	7446-20-0	ZINC SULFATE HEPTAHYDRATE	500	Gram(GM)	28-Apr-21
0001615674	-	LOCTITE ABLESTIK 2902	2.65	Gram(GM)	28-Apr-21
0001615675	-	LOCTITE ABLESTIK 2902	2.65	Gram(GM)	28-Apr-21
0001615676	-	LOCTITE ABLESTIK 2902	2.65	Gram(GM)	28-Apr-21
0001615677	107-21-1	ETHYLENE GLYCOL	2.5	Liters(L)	28-Apr-21
0001615678	107-21-1	ETHYLENE GLYCOL	2.5	Liters(L)	28-Apr-21
0001615679	-	Phosphomolybdic acid solution	100	Milliliter(ML)	28-Apr-21
0001615680	7722-84-1	HYDROGEN PEROXIDE SOLUTION	250	Milliliter(ML)	28-Apr-21
0001615681	151-21-3	Dodecyl Sulfate	1	Kilograms(KG)	29-Apr-21
0001458504	-	DOW CORNING 736 HEAT RESISTANT / SEALANT	90	Milliliter(ML)	29-Apr-21
0001615682	13169-00-1	Methoxyallene	5	Gram(GM)	29-Apr-21
0001615683	598-25-4	3-METHYL-1 2-BUTADIENE	1	Gram(GM)	29-Apr-21
0001615684	598-25-4	3-METHYL-1 2-BUTADIENE	1	Gram(GM)	29-Apr-21
0001615685	598-25-4	3-METHYL-1 2-BUTADIENE	1	Gram(GM)	29-Apr-21
0001615686	598-25-4	3-METHYL-1 2-BUTADIENE	1	Gram(GM)	29-Apr-21
0001615687	598-25-4	3-METHYL-1 2-BUTADIENE	1	Gram(GM)	29-Apr-21
0001615688	77494-35-0	2-(Trimethylsilyl)-2 3-pentadiene	500	Milligram(MG)	29-Apr-21
0001615697	5664-17-5	Cyclohexylallene	1	Gram(GM)	29-Apr-21
0001615701	5664-17-5	Cyclohexylallene	1	Gram(GM)	29-Apr-21
0001615698	5664-17-5	Cyclohexylallene	1	Gram(GM)	29-Apr-21
0001615699	5664-17-5	Cyclohexylallene	1	Gram(GM)	29-Apr-21
0001615700	5664-17-5	Cyclohexylallene	1	Gram(GM)	29-Apr-21
0001615702	9002-93-1	TRITON X-100	100	Milliliter(ML)	29-Apr-21
0001615705	7097-37-2	LANL-34 Custom Solution	500	Milliliter(ML)	29-Apr-21
0001615706	7097-37-2	LANL-34 Custom Solution	500	Milliliter(ML)	29-Apr-21
0001615707	7697-37-2	LANL-35 Custom Solution	500	Milliliter(ML)	29-Apr-21
0001615708	7697-37-2	LANL-35 Custom Solution	500	Milliliter(ML)	29-Apr-21
0001615709	7697-37-2	LANL-36 Custom Solution	500	Milliliter(ML)	29-Apr-21
0001615710	7697-37-2	LANL-36 Custom Solution	500	Milliliter(ML)	29-Apr-21
0001615711	7697-37-2	LANL-37 Custom Solution	500	Milliliter(ML)	29-Apr-21
0001615712	7697-37-2	LANL-37 Custom Solution	500	Milliliter(ML)	29-Apr-21
0001615713	-	AG 1-X8 Resin	500	Gram(GM)	29-Apr-21
0001615714	67-56-1	METHANOL	100	Milliliter(ML)	29-Apr-21
0001615715	67-56-1	METHANOL	100	Milliliter(ML)	29-Apr-21
0001615716	67-64-1	ACETONE FOR HPLC	100	Milliliter(ML)	29-Apr-21
0001615717	67-64-1	ACETONE FOR HPLC	100	Milliliter(ML)	29-Apr-21
0001615718	541-05-9	HEXAMETHYLCYCLOTRISILOXANE	100	Gram(GM)	29-Apr-21
0001615720	927-74-2	3-BUTYN-1-OL	25	Gram(GM)	29-Apr-21
0001615721	67-64-1	ACETONE	1000	Milliliter(ML)	29-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001615722	68037-59-2	(25-35% METHYLHYDROSILOXANE) - DIMETHYLSILOXANE COPOLYMER TRIMETHYLSILOXANE TERMINATED	100	Gram(GM)	29-Apr-21
0001615723	68037-59-2	(25-35% METHYLHYDROSILOXANE) - DIMETHYLSILOXANE COPOLYMER TRIMETHYLSILOXANE TERMINATED	100	Gram(GM)	29-Apr-21
0001615724	109-99-9	TETRAHYDROFURAN	2.5	Liters(L)	29-Apr-21
0001615725	-	High Temp Resin	1	Liters(L)	29-Apr-21
0001615726	-	High Temp Resin	1	Liters(L)	29-Apr-21
0001615719	-	Sodium Phosphate Tribasic	1	Kilograms(KG)	29-Apr-21
0001615747	12027-06-4	AMMONIUM IODIDE	100	Gram(GM)	29-Apr-21
0001615732	129830-38-2	Y-27632 dihydrochloride	10	Milligram(MG)	29-Apr-21
0001678923	7440-59-7	HELIUM GAS	100	Liters(L)	29-Apr-21
0001678926	7440-59-7	HELIUM GAS	100	Liters(L)	29-Apr-21
0001678928	7440-59-7	HELIUM GAS	100	Liters(L)	29-Apr-21
0001678927	7440-59-7	HELIUM GAS	100	Liters(L)	29-Apr-21
0001678924	7440-59-7	HELIUM GAS	100	Liters(L)	29-Apr-21
0001678925	7440-59-7	HELIUM GAS	100	Liters(L)	29-Apr-21
0001678929	74-98-6	PROPANE	11	Gallon(GAL)	29-Apr-21
0001678930	7440-59-7	HELIUM GAS	40	Cubic Feet(CF)	29-Apr-21
0001418805	-	ENAMEL PAINT	12	Ounces(OZ)	29-Apr-21
0001418804	-	ENAMEL PAINT	12	Ounces(OZ)	29-Apr-21
0001613534	16941-11-0	AMMONIUM HEXAFLUOROPHOSPHATE	25	Gram(GM)	29-Apr-21
0001613535	3109-63-5	TETRABUTYLAMMONIUM HEXAFLUOROPHOSPHATE	25	Gram(GM)	29-Apr-21
0001615353	-	Ammonia Solution	1	Liters(L)	29-Apr-21
0001615727	-	3M Fluorinert FC-43 Electronic Liquid	11	Pounds(LB)	29-Apr-21
0001615728	-	3M Fluorinert FC-43 Electronic Liquid	11	Pounds(LB)	29-Apr-21
0001615729	-	3M Fluorinert FC-43 Electronic Liquid	11	Pounds(LB)	29-Apr-21
0001615730	65-85-0	BENZOIC ACID	100	Gram(GM)	29-Apr-21
0001615731	1308-87-8	DYSPROSIUM(III) OXIDE	25	Gram(GM)	29-Apr-21
0001615733	1306-38-3	CERIUM(IV) OXIDE	500	Gram(GM)	29-Apr-21
0001615734	107-21-1	ETHYLENE GLYCOL	5	Gallon(GAL)	29-Apr-21
0001615742	64-17-5	ETHYL ALCOHOL	4	Liters(L)	29-Apr-21
0001615743	13404-22-3	L-Alanine tert-butyl ester HCl	100	Gram(GM)	29-Apr-21
0001615744	-	Platinum nominally 60% on high surface area advanced carbon support	5	Gram(GM)	29-Apr-21
0001615745	-	Platinum nominally 60% on high surface area advanced carbon support	5	Gram(GM)	29-Apr-21
0001615746	65-85-0	BENZOIC ACID	500	Gram(GM)	29-Apr-21
0001615749	57-13-6	UREA REAGENT ACS	100	Gram(GM)	29-Apr-21
0001615737	107-21-1	ETHYLENE GLYCOL	5	Gallon(GAL)	29-Apr-21
0001615736	107-21-1	ETHYLENE GLYCOL	5	Gallon(GAL)	29-Apr-21
0001615735	107-21-1	ETHYLENE GLYCOL	5	Gallon(GAL)	29-Apr-21
0001615750	107-21-1	ETHYLENE GLYCOL	1	Liters(L)	29-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001615751	-	MICROTOX ACUTE REAGENT	2.5	Gram(GM)	29-Apr-21
0001615752	-	DRIERITE INDICATING (4 MESH)	454	Gram(GM)	29-Apr-21
0001615753	-	WINDEX POWERIZED FOAMING GLASS CLEANER	20	Ounces(OZ)	29-Apr-21
0001615754	-	WINDEX POWERIZED FOAMING GLASS CLEANER	20	Ounces(OZ)	29-Apr-21
0001615755	-	WINDEX POWERIZED FOAMING GLASS CLEANER	20	Ounces(OZ)	29-Apr-21
0001615740	10043-35-3	BORIC ACID	45	Pounds(LB)	29-Apr-21
0001615741	10043-35-3	BORIC ACID	45	Pounds(LB)	29-Apr-21
0001615738	-	Woco AW 32	10	Gallon(GAL)	29-Apr-21
0001615739	-	Woco AW 32	10	Gallon(GAL)	29-Apr-21
0001613532	9003-70-7	Amberlite XAD 2	100	Gram(GM)	29-Apr-21
0001613533	9003-70-7	Amberlite XAD 2	100	Gram(GM)	29-Apr-21
0001615748	5807-14-7	1 3 4 6 7 8-Hexahydro-2H-pyrimido[1 2-a]pyrimidine	5	Gram(GM)	29-Apr-21
0001615600	-	Custom Assurance Standard (XPLSM2-3Y XPLSM2-3X)	100	Milliliter(ML)	29-Apr-21
0001615601	-	Custom Assurance Standard (XPLSM2-3Y XPLSM2-3X)	100	Milliliter(ML)	29-Apr-21
0001615602	-	Custom Assurance Standard (XPLND2-3Y XPLND2-3X)	100	Milliliter(ML)	29-Apr-21
0001418806	-	ARGON GAS	220	Cubic Feet(CF)	29-Apr-21
0001418808	7440-01-9	NEON	100	Liters(L)	29-Apr-21
0001418807	7440-63-3	XENON	100	Liters(L)	29-Apr-21
0001579069	-	Matrix 102 SBS Membrane Adhesive	5	Gallon(GAL)	30-Apr-21
0001579098	-	Matrix 102 SBS Membrane Adhesive	5	Gallon(GAL)	30-Apr-21
0001579090	-	Matrix 102 SBS Membrane Adhesive	5	Gallon(GAL)	30-Apr-21
0001579091	-	Matrix 102 SBS Membrane Adhesive	5	Gallon(GAL)	30-Apr-21
0001579092	-	Matrix 102 SBS Membrane Adhesive	5	Gallon(GAL)	30-Apr-21
0001579093	-	Matrix 102 SBS Membrane Adhesive	5	Gallon(GAL)	30-Apr-21
0001579094	-	Matrix 102 SBS Membrane Adhesive	5	Gallon(GAL)	30-Apr-21
0001579095	-	Matrix 102 SBS Membrane Adhesive	5	Gallon(GAL)	30-Apr-21
0001579105	-	Matrix 102 SBS Membrane Adhesive	5	Gallon(GAL)	30-Apr-21
0001579097	-	Matrix 102 SBS Membrane Adhesive	5	Gallon(GAL)	30-Apr-21
0001579087	-	Matrix 102 SBS Membrane Adhesive	5	Gallon(GAL)	30-Apr-21
0001579099	-	Matrix 102 SBS Membrane Adhesive	5	Gallon(GAL)	30-Apr-21
0001579100	-	Matrix 102 SBS Membrane Adhesive	5	Gallon(GAL)	30-Apr-21
0001579101	-	Matrix 102 SBS Membrane Adhesive	5	Gallon(GAL)	30-Apr-21
0001579102	-	Matrix 102 SBS Membrane Adhesive	5	Gallon(GAL)	30-Apr-21
0001579103	-	Matrix 102 SBS Membrane Adhesive	5	Gallon(GAL)	30-Apr-21
0001579104	-	Matrix 102 SBS Membrane Adhesive	5	Gallon(GAL)	30-Apr-21
0001579096	-	Matrix 102 SBS Membrane Adhesive	5	Gallon(GAL)	30-Apr-21
0001579080	-	Matrix 102 SBS Membrane Adhesive	5	Gallon(GAL)	30-Apr-21
0001579070	-	Matrix 102 SBS Membrane Adhesive	5	Gallon(GAL)	30-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001579071	-	Matrix 102 SBS Membrane Adhesive	5	Gallon(GAL)	30-Apr-21
0001579073	-	Matrix 102 SBS Membrane Adhesive	5	Gallon(GAL)	30-Apr-21
0001579075	-	Matrix 102 SBS Membrane Adhesive	5	Gallon(GAL)	30-Apr-21
0001579076	-	Matrix 102 SBS Membrane Adhesive	5	Gallon(GAL)	30-Apr-21
0001579077	-	Matrix 102 SBS Membrane Adhesive	5	Gallon(GAL)	30-Apr-21
0001579089	-	Matrix 102 SBS Membrane Adhesive	5	Gallon(GAL)	30-Apr-21
0001579079	-	Matrix 102 SBS Membrane Adhesive	5	Gallon(GAL)	30-Apr-21
0001579088	-	Matrix 102 SBS Membrane Adhesive	5	Gallon(GAL)	30-Apr-21
0001579081	-	Matrix 102 SBS Membrane Adhesive	5	Gallon(GAL)	30-Apr-21
0001579082	-	Matrix 102 SBS Membrane Adhesive	5	Gallon(GAL)	30-Apr-21
0001579083	-	Matrix 102 SBS Membrane Adhesive	5	Gallon(GAL)	30-Apr-21
0001579084	-	Matrix 102 SBS Membrane Adhesive	5	Gallon(GAL)	30-Apr-21
0001579085	-	Matrix 102 SBS Membrane Adhesive	5	Gallon(GAL)	30-Apr-21
0001579086	-	Matrix 102 SBS Membrane Adhesive	5	Gallon(GAL)	30-Apr-21
0001579074	-	Matrix 102 SBS Membrane Adhesive	5	Gallon(GAL)	30-Apr-21
0001579078	-	Matrix 102 SBS Membrane Adhesive	5	Gallon(GAL)	30-Apr-21
0001579114	-	Matrix 102 SBS Membrane Adhesive	5	Gallon(GAL)	30-Apr-21
0001579072	-	Matrix 102 SBS Membrane Adhesive	5	Gallon(GAL)	30-Apr-21
0001579106	-	Matrix 102 SBS Membrane Adhesive	5	Gallon(GAL)	30-Apr-21
0001579115	-	Matrix 102 SBS Membrane Adhesive	5	Gallon(GAL)	30-Apr-21
0001579113	-	Matrix 102 SBS Membrane Adhesive	5	Gallon(GAL)	30-Apr-21
0001579112	-	Matrix 102 SBS Membrane Adhesive	5	Gallon(GAL)	30-Apr-21
0001579111	-	Matrix 102 SBS Membrane Adhesive	5	Gallon(GAL)	30-Apr-21
0001579110	-	Matrix 102 SBS Membrane Adhesive	5	Gallon(GAL)	30-Apr-21
0001579109	-	Matrix 102 SBS Membrane Adhesive	5	Gallon(GAL)	30-Apr-21
0001579108	-	Matrix 102 SBS Membrane Adhesive	5	Gallon(GAL)	30-Apr-21
0001579107	-	Matrix 102 SBS Membrane Adhesive	5	Gallon(GAL)	30-Apr-21
0001579116	-	Matrix 102 SBS Membrane Adhesive	5	Gallon(GAL)	30-Apr-21
0001579135	-	M-1 STRUCTURAL ADHESIVE	10	Ounces(OZ)	30-Apr-21
0001579154	-	M-1 STRUCTURAL ADHESIVE	10	Ounces(OZ)	30-Apr-21
0001579150	-	M-1 STRUCTURAL ADHESIVE	10	Ounces(OZ)	30-Apr-21
0001579151	-	M-1 STRUCTURAL ADHESIVE	10	Ounces(OZ)	30-Apr-21
0001579152	-	M-1 STRUCTURAL ADHESIVE	10	Ounces(OZ)	30-Apr-21
0001579153	-	M-1 STRUCTURAL ADHESIVE	10	Ounces(OZ)	30-Apr-21
0001579156	-	M-1 STRUCTURAL ADHESIVE	10	Ounces(OZ)	30-Apr-21
0001579155	-	M-1 STRUCTURAL ADHESIVE	10	Ounces(OZ)	30-Apr-21
0001579149	-	M-1 STRUCTURAL ADHESIVE	10	Ounces(OZ)	30-Apr-21
0001579158	-	M-1 STRUCTURAL ADHESIVE	10	Ounces(OZ)	30-Apr-21
0001579142	-	M-1 STRUCTURAL ADHESIVE	10	Ounces(OZ)	30-Apr-21
0001579157	-	M-1 STRUCTURAL ADHESIVE	10	Ounces(OZ)	30-Apr-21
0001579148	-	M-1 STRUCTURAL ADHESIVE	10	Ounces(OZ)	30-Apr-21
0001579147	-	M-1 STRUCTURAL ADHESIVE	10	Ounces(OZ)	30-Apr-21
0001579146	-	M-1 STRUCTURAL ADHESIVE	10	Ounces(OZ)	30-Apr-21
0001579145	-	M-1 STRUCTURAL ADHESIVE	10	Ounces(OZ)	30-Apr-21
0001579143	-	M-1 STRUCTURAL ADHESIVE	10	Ounces(OZ)	30-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001579141	-	M-1 STRUCTURAL ADHESIVE	10	Ounces(OZ)	30-Apr-21
0001579140	-	M-1 STRUCTURAL ADHESIVE	10	Ounces(OZ)	30-Apr-21
0001579139	-	M-1 STRUCTURAL ADHESIVE	10	Ounces(OZ)	30-Apr-21
0001579138	-	M-1 STRUCTURAL ADHESIVE	10	Ounces(OZ)	30-Apr-21
0001579137	-	M-1 STRUCTURAL ADHESIVE	10	Ounces(OZ)	30-Apr-21
0001579136	-	M-1 STRUCTURAL ADHESIVE	10	Ounces(OZ)	30-Apr-21
0001579144	-	M-1 STRUCTURAL ADHESIVE	10	Ounces(OZ)	30-Apr-21
0001577618	-	SBS FLASHING CEMENT MATRIX 202	5	Gallon(GAL)	30-Apr-21
0001577622	-	SBS FLASHING CEMENT MATRIX 202	5	Gallon(GAL)	30-Apr-21
0001577621	-	SBS FLASHING CEMENT MATRIX 202	5	Gallon(GAL)	30-Apr-21
0001577619	-	SBS FLASHING CEMENT MATRIX 202	5	Gallon(GAL)	30-Apr-21
0001577620	-	SBS FLASHING CEMENT MATRIX 202	5	Gallon(GAL)	30-Apr-21
0001578834	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578820	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578819	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578818	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578821	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578816	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578824	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578815	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578814	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578813	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578812	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578811	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578817	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578776	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578823	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578792	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578825	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578826	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578827	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578828	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578829	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578830	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578831	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578832	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578833	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578810	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578822	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578783	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578794	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578789	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578788	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578787	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578786	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001578791	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578784	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578793	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578782	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578781	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578780	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578779	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578778	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578777	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578785	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578801	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578808	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578807	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578806	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578805	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578804	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578790	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578802	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578809	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578800	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578799	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578798	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578797	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578796	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578795	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578803	-	Mule-Hide Helix - Part A and Part B	1.5	Liters(L)	30-Apr-21
0001578838	-	DUCT-SEAL 321	1	Gallon(GAL)	30-Apr-21
0001578840	-	DUCT-SEAL 321	1	Gallon(GAL)	30-Apr-21
0001578841	-	DUCT-SEAL 321	1	Gallon(GAL)	30-Apr-21
0001578839	-	DUCT-SEAL 321	1	Gallon(GAL)	30-Apr-21
0001578728	-	COTE ALL SAFETY YELLOW	1	Gallon(GAL)	30-Apr-21
0001578729	-	COTE ALL SAFETY YELLOW	1	Gallon(GAL)	30-Apr-21
0001578734	-	COTE ALL SAFETY YELLOW	1	Gallon(GAL)	30-Apr-21
0001578733	-	COTE ALL SAFETY YELLOW	1	Gallon(GAL)	30-Apr-21
0001578732	-	COTE ALL SAFETY YELLOW	1	Gallon(GAL)	30-Apr-21
0001578731	-	COTE ALL SAFETY YELLOW	1	Gallon(GAL)	30-Apr-21
0001578730	-	COTE ALL SAFETY YELLOW	1	Gallon(GAL)	30-Apr-21
0001578835	-	PSX 700 CURE	0.2	Gallon(GAL)	30-Apr-21
0001578836	-	PSX 700 CURE	0.2	Gallon(GAL)	30-Apr-21
0001578735	-	RUST REMOVER	1	Gallon(GAL)	30-Apr-21
0001578736	-	RUST REMOVER	1	Gallon(GAL)	30-Apr-21
0001578738	-	RUST REMOVER	1	Gallon(GAL)	30-Apr-21
0001578739	-	RUST REMOVER	1	Gallon(GAL)	30-Apr-21
0001578737	-	RUST REMOVER	1	Gallon(GAL)	30-Apr-21
0001628278	-	ES COMPLEAT	1	Gallon(GAL)	30-Apr-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001628279	-	ES COMPLEAT	1	Gallon(GAL)	30-Apr-21
0001628281	-	ES COMPLEAT	1	Gallon(GAL)	30-Apr-21
0001628282	-	ES COMPLEAT	1	Gallon(GAL)	30-Apr-21
0001628283	-	ES COMPLEAT	1	Gallon(GAL)	30-Apr-21
0001628284	-	ES COMPLEAT	1	Gallon(GAL)	30-Apr-21
0001628280	-	ES COMPLEAT	1	Gallon(GAL)	30-Apr-21
0001628287	-	ES COMPLEAT	1	Gallon(GAL)	30-Apr-21
0001628288	-	ES COMPLEAT	1	Gallon(GAL)	30-Apr-21
0001628289	-	ES COMPLEAT	1	Gallon(GAL)	30-Apr-21
0001628285	-	ES COMPLEAT	1	Gallon(GAL)	30-Apr-21
0001628286	-	ES COMPLEAT	1	Gallon(GAL)	30-Apr-21
0001541917	71-36-3	1-BUTANOL (BUTYL ALCOHOL)	500	Milliliter(ML)	30-Apr-21
0001541926	71-36-3	1-BUTANOL (BUTYL ALCOHOL)	500	Milliliter(ML)	30-Apr-21
0001678931	124-38-9	Carbon-12C dioxide	10	Liters(L)	03-May-21
0001678932	124-38-9	Carbon-12C dioxide	10	Liters(L)	03-May-21
V00000821D	-	Signature Series 5080 Pressure Sensitive Adhesive	5	Gallon(GAL)	03-May-21
V000008216	-	Signature Series 5080 Pressure Sensitive Adhesive	5	Gallon(GAL)	03-May-21
V000008217	-	Signature Series 5080 Pressure Sensitive Adhesive	5	Gallon(GAL)	03-May-21
V000008218	-	Signature Series 5080 Pressure Sensitive Adhesive	5	Gallon(GAL)	03-May-21
V000008219	-	Signature Series 5080 Pressure Sensitive Adhesive	5	Gallon(GAL)	03-May-21
V00000821A	-	Signature Series 5080 Pressure Sensitive Adhesive	5	Gallon(GAL)	03-May-21
V00000821B	-	Signature Series 5080 Pressure Sensitive Adhesive	5	Gallon(GAL)	03-May-21
V00000821C	-	Signature Series 5080 Pressure Sensitive Adhesive	5	Gallon(GAL)	03-May-21
V00000821E	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-May-21
V000008220	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-May-21
V000008221	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-May-21
V000008222	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-May-21
V000008223	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-May-21
V00000821F	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-May-21
V000008224	-	Henry 430 ClearPro Clear VCT Floor Adhesive	1	Gallon(GAL)	03-May-21
V000008228	-	PROSEAL PROSEAL SPRAY FIBERSEAL	1	Gallon(GAL)	03-May-21
V000008235	-	PROSEAL PROSEAL SPRAY FIBERSEAL	1	Gallon(GAL)	03-May-21
V00000822F	-	PROSEAL PROSEAL SPRAY FIBERSEAL	1	Gallon(GAL)	03-May-21
V000008233	-	PROSEAL PROSEAL SPRAY FIBERSEAL	1	Gallon(GAL)	03-May-21
V000008232	-	PROSEAL PROSEAL SPRAY FIBERSEAL	1	Gallon(GAL)	03-May-21
V000008238	-	PROSEAL PROSEAL SPRAY FIBERSEAL	1	Gallon(GAL)	03-May-21
V000008236	-	PROSEAL PROSEAL SPRAY FIBERSEAL	1	Gallon(GAL)	03-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000008237	-	PROSEAL PROSEAL SPRAY FIBERSEAL	1	Gallon(GAL)	03-May-21
V00000822D	-	PROSEAL PROSEAL SPRAY FIBERSEAL	1	Gallon(GAL)	03-May-21
V000008226	-	PROSEAL PROSEAL SPRAY FIBERSEAL	1	Gallon(GAL)	03-May-21
V000008229	-	PROSEAL PROSEAL SPRAY FIBERSEAL	1	Gallon(GAL)	03-May-21
V00000822C	-	PROSEAL PROSEAL SPRAY FIBERSEAL	1	Gallon(GAL)	03-May-21
V000008227	-	PROSEAL PROSEAL SPRAY FIBERSEAL	1	Gallon(GAL)	03-May-21
V00000822E	-	PROSEAL PROSEAL SPRAY FIBERSEAL	1	Gallon(GAL)	03-May-21
V000008230	-	PROSEAL PROSEAL SPRAY FIBERSEAL	1	Gallon(GAL)	03-May-21
V000008231	-	PROSEAL PROSEAL SPRAY FIBERSEAL	1	Gallon(GAL)	03-May-21
V000008234	-	PROSEAL PROSEAL SPRAY FIBERSEAL	1	Gallon(GAL)	03-May-21
V00000822B	-	PROSEAL PROSEAL SPRAY FIBERSEAL	1	Gallon(GAL)	03-May-21
V00000822A	-	PROSEAL PROSEAL SPRAY FIBERSEAL	1	Gallon(GAL)	03-May-21
V000008225	-	PROSEAL PROSEAL SPRAY FIBERSEAL	1	Gallon(GAL)	03-May-21
V000008246	-	LPS 1 GREASELESS LUBRICANT	379	Milliliter(ML)	03-May-21
V000008247	-	LPS 1 GREASELESS LUBRICANT	379	Milliliter(ML)	03-May-21
V000008248	-	LPS 1 GREASELESS LUBRICANT	379	Milliliter(ML)	03-May-21
V000008249	-	LPS 1 GREASELESS LUBRICANT	379	Milliliter(ML)	03-May-21
V00000824B	-	LPS 1 GREASELESS LUBRICANT	379	Milliliter(ML)	03-May-21
V00000824D	-	LPS 1 GREASELESS LUBRICANT	379	Milliliter(ML)	03-May-21
V00000824E	-	LPS 1 GREASELESS LUBRICANT	379	Milliliter(ML)	03-May-21
V00000824F	-	LPS 1 GREASELESS LUBRICANT	379	Milliliter(ML)	03-May-21
V000008245	-	LPS 1 GREASELESS LUBRICANT	379	Milliliter(ML)	03-May-21
V000008251	-	LPS 1 GREASELESS LUBRICANT	379	Milliliter(ML)	03-May-21
V00000823E	-	LPS 1 GREASELESS LUBRICANT	379	Milliliter(ML)	03-May-21
V000008250	-	LPS 1 GREASELESS LUBRICANT	379	Milliliter(ML)	03-May-21
V000008244	-	LPS 1 GREASELESS LUBRICANT	379	Milliliter(ML)	03-May-21
V000008243	-	LPS 1 GREASELESS LUBRICANT	379	Milliliter(ML)	03-May-21
V000008242	-	LPS 1 GREASELESS LUBRICANT	379	Milliliter(ML)	03-May-21
V000008241	-	LPS 1 GREASELESS LUBRICANT	379	Milliliter(ML)	03-May-21
V000008252	-	LPS 1 GREASELESS LUBRICANT	379	Milliliter(ML)	03-May-21
V00000823F	-	LPS 1 GREASELESS LUBRICANT	379	Milliliter(ML)	03-May-21
V00000824C	-	LPS 1 GREASELESS LUBRICANT	379	Milliliter(ML)	03-May-21
V00000823D	-	LPS 1 GREASELESS LUBRICANT	379	Milliliter(ML)	03-May-21
V00000823C	-	LPS 1 GREASELESS LUBRICANT	379	Milliliter(ML)	03-May-21
V00000823B	-	LPS 1 GREASELESS LUBRICANT	379	Milliliter(ML)	03-May-21
V00000823A	-	LPS 1 GREASELESS LUBRICANT	379	Milliliter(ML)	03-May-21
V000008239	-	LPS 1 GREASELESS LUBRICANT	379	Milliliter(ML)	03-May-21
V000008240	-	LPS 1 GREASELESS LUBRICANT	379	Milliliter(ML)	03-May-21
V000008254	-	LPS 1 GREASELESS LUBRICANT	379	Milliliter(ML)	03-May-21
V000008255	-	LPS 1 GREASELESS LUBRICANT	379	Milliliter(ML)	03-May-21
V000008256	-	LPS 1 GREASELESS LUBRICANT	379	Milliliter(ML)	03-May-21
V000008257	-	LPS 1 GREASELESS LUBRICANT	379	Milliliter(ML)	03-May-21
V000008258	-	LPS 1 GREASELESS LUBRICANT	379	Milliliter(ML)	03-May-21
V000008259	-	LPS 1 GREASELESS LUBRICANT	379	Milliliter(ML)	03-May-21
V00000825A	-	LPS 1 GREASELESS LUBRICANT	379	Milliliter(ML)	03-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V00000825B	-	LPS 1 GREASELESS LUBRICANT	379	Milliliter(ML)	03-May-21
V00000824A	-	LPS 1 GREASELESS LUBRICANT	379	Milliliter(ML)	03-May-21
V00000825C	-	LPS 1 GREASELESS LUBRICANT	379	Milliliter(ML)	03-May-21
V000008253	-	LPS 1 GREASELESS LUBRICANT	379	Milliliter(ML)	03-May-21
0001423391	-	PIPE SEALANT	25	Gram(GM)	03-May-21
0001423396	-	PIPE SEALANT	25	Gram(GM)	03-May-21
0001423395	-	PIPE SEALANT	25	Gram(GM)	03-May-21
0001423394	-	PIPE SEALANT	25	Gram(GM)	03-May-21
0001423392	-	PIPE SEALANT	25	Gram(GM)	03-May-21
0001423393	-	PIPE SEALANT	25	Gram(GM)	03-May-21
0001579207	-	PVC PURPLE PRIMER	32	Ounces(OZ)	03-May-21
0001579208	-	SOLVENT CEMENT FOR PVC	32	Ounces(OZ)	03-May-21
0001579209	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	03-May-21
0001579214	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	03-May-21
0001579222	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	03-May-21
0001579210	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	03-May-21
0001579211	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	03-May-21
0001579212	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	03-May-21
0001579213	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	03-May-21
0001579223	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	03-May-21
0001579220	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	03-May-21
0001579215	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	03-May-21
0001579224	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	03-May-21
0001579221	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	03-May-21
0001579219	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	03-May-21
0001579218	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	03-May-21
0001579217	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	03-May-21
0001579216	-	CloroxPro Clorox Anywhere Daily Disinfectant and Sanitizer	1	Gallon(GAL)	03-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001418809	-	PC7 EPOXY PASTE	50	Cubic Centimeter (CC)	03-May-21
0001418817	-	TALC POWDER	500	Gram(GM)	03-May-21
0001418818	-	PC7 EPOXY PASTE	1	Gallon(GAL)	03-May-21
0001418816	-	5.5 Mono NHS Ester Dye	8	Ounces(OZ)	03-May-21
0001418815	-	ADIPRENE M-467	204	Kilograms(KG)	03-May-21
0001418814	-	SILANOL TERMINATED POLYDIMETHYLSILOXANE	4	Liters(L)	03-May-21
0001418813	63148-62-9	POLYDIMETHYLSILOXANE	0.5	Kilograms(KG)	03-May-21
0001418812	682-01-9	TETRAPROPOXYSILANE	0.5	Kilograms(KG)	03-May-21
0001418811	-	SILANOL TERMINATED POLYDIMETHYLSILOXANE	0.5	Kilograms(KG)	03-May-21
0001418810	68037-59-2	SILOXANES AND SILICONES DI-METHYL METHYL HYDROGEN	0.5	Kilograms(KG)	03-May-21
0001418819	-	EPIKURE Curing Agent 3125	300	Milliliter(ML)	03-May-21
0001613506	-	Nitric acid BDH Aristar Plus Nitric acid BDH Aristar Ultra	2.5	Liters(L)	03-May-21
0001614481	-	ALCONOX DETERGENT	4	Pounds(LB)	03-May-21
0001614482	68649-11-6	SynOil M10.120.08	10	Liters(L)	03-May-21
0001614483	88211-50-1	3-Butyn-1-amine hydrochloride	5	Gram(GM)	03-May-21
0001614484	88211-50-1	3-Butyn-1-amine hydrochloride	5	Gram(GM)	03-May-21
0001614485	19184-65-7	2-(Bromomethyl)-2-(hydroxymethyl)-1 3-propanediol	5	Gram(GM)	03-May-21
0001614486	19184-65-7	2-(Bromomethyl)-2-(hydroxymethyl)-1 3-propanediol	5	Gram(GM)	03-May-21
0001614487	-	MULTI ELEMENT SOLUTION 2A	125	Milliliter(ML)	03-May-21
0001614490	-	MULTI ELEMENT SOLUTION 2A	125	Milliliter(ML)	03-May-21
0001614489	-	MULTI ELEMENT SOLUTION 2A	125	Milliliter(ML)	03-May-21
0001614488	-	MULTI ELEMENT SOLUTION 2A	125	Milliliter(ML)	03-May-21
0001614491	75-50-3	TRIMETHYLAMINE SOLUTION 45%	500	Milliliter(ML)	03-May-21
0001614492	497-19-8	SODIUM CARBONATE ANHYDROUS	2.5	Kilograms(KG)	03-May-21
0001614503	497-19-8	SODIUM CARBONATE ANHYDROUS	2.5	Kilograms(KG)	03-May-21
0001614502	497-19-8	SODIUM CARBONATE ANHYDROUS	2.5	Kilograms(KG)	03-May-21
0001614501	497-19-8	SODIUM CARBONATE ANHYDROUS	2.5	Kilograms(KG)	03-May-21
0001614507	497-19-8	SODIUM CARBONATE ANHYDROUS	2.5	Kilograms(KG)	03-May-21
0001614506	497-19-8	SODIUM CARBONATE ANHYDROUS	2.5	Kilograms(KG)	03-May-21
0001614493	497-19-8	SODIUM CARBONATE ANHYDROUS	2.5	Kilograms(KG)	03-May-21
0001614504	497-19-8	SODIUM CARBONATE ANHYDROUS	2.5	Kilograms(KG)	03-May-21
0001614500	497-19-8	SODIUM CARBONATE ANHYDROUS	2.5	Kilograms(KG)	03-May-21
0001614499	497-19-8	SODIUM CARBONATE ANHYDROUS	2.5	Kilograms(KG)	03-May-21
0001614498	497-19-8	SODIUM CARBONATE ANHYDROUS	2.5	Kilograms(KG)	03-May-21
0001614497	497-19-8	SODIUM CARBONATE ANHYDROUS	2.5	Kilograms(KG)	03-May-21
0001614496	497-19-8	SODIUM CARBONATE ANHYDROUS	2.5	Kilograms(KG)	03-May-21
0001614495	497-19-8	SODIUM CARBONATE ANHYDROUS	2.5	Kilograms(KG)	03-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001614494	497-19-8	SODIUM CARBONATE ANHYDROUS	2.5	Kilograms(KG)	03-May-21
0001614505	497-19-8	SODIUM CARBONATE ANHYDROUS	2.5	Kilograms(KG)	03-May-21
0001614508	1914-99-4	CHLOROPHOSPHONAZO III	100	Milligram(MG)	03-May-21
0001614509	1914-99-4	CHLOROPHOSPHONAZO III	100	Milligram(MG)	03-May-21
0001614513	-	LECOCELL II	0.75	Kilograms(KG)	03-May-21
0001614514	-	LECOCELL II	0.75	Kilograms(KG)	03-May-21
0001614515	-	LECOCELL II	0.75	Kilograms(KG)	03-May-21
0001614516	7722-84-1	HYDROGEN PEROXIDE 30%	500	Milliliter(ML)	03-May-21
0001614517	7722-84-1	HYDROGEN PEROXIDE 30%	500	Milliliter(ML)	03-May-21
0001614518	7722-84-1	HYDROGEN PEROXIDE 30%	500	Milliliter(ML)	03-May-21
0001614519	7722-84-1	HYDROGEN PEROXIDE 30%	500	Milliliter(ML)	03-May-21
0001614520	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	03-May-21
0001614542	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	03-May-21
0001614534	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	03-May-21
0001614535	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	03-May-21
0001614536	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	03-May-21
0001614537	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	03-May-21
0001614538	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	03-May-21
0001614539	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	03-May-21
0001614541	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	03-May-21
0001614533	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	03-May-21
0001614543	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	03-May-21
0001614540	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	03-May-21
0001614532	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	03-May-21
0001614531	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	03-May-21
0001614530	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	03-May-21
0001614529	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	03-May-21
0001614528	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	03-May-21
0001614527	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	03-May-21
0001614526	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	03-May-21
0001614525	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	03-May-21
0001614524	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	03-May-21
0001614523	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	03-May-21
0001614521	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	03-May-21
0001614522	64-17-5	ETHYL ALCOHOL-200 PROOF	1	Pint(PT)	03-May-21
0001614546	12007-60-2	LITHIUM TETRABORATE	1	Kilograms(KG)	03-May-21
0001614547	12007-60-2	LITHIUM TETRABORATE	1	Kilograms(KG)	03-May-21
0001614549	-	SILICA REAGENT KIT	10	Milliliter(ML)	03-May-21
0001614559	-	SILICA REAGENT KIT	10	Milliliter(ML)	03-May-21
0001614553	-	SILICA REAGENT KIT	10	Milliliter(ML)	03-May-21
0001614554	-	SILICA REAGENT KIT	10	Milliliter(ML)	03-May-21
0001614552	-	SILICA REAGENT KIT	10	Milliliter(ML)	03-May-21
0001614556	-	SILICA REAGENT KIT	10	Milliliter(ML)	03-May-21
0001614551	-	SILICA REAGENT KIT	10	Milliliter(ML)	03-May-21
0001614557	-	SILICA REAGENT KIT	10	Milliliter(ML)	03-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001614558	-	SILICA REAGENT KIT	10	Milliliter(ML)	03-May-21
0001614563	-	SILICA REAGENT KIT	10	Milliliter(ML)	03-May-21
0001614562	-	SILICA REAGENT KIT	10	Milliliter(ML)	03-May-21
0001614561	-	SILICA REAGENT KIT	10	Milliliter(ML)	03-May-21
0001614560	-	SILICA REAGENT KIT	10	Milliliter(ML)	03-May-21
0001614555	-	SILICA REAGENT KIT	10	Milliliter(ML)	03-May-21
0001614550	-	SILICA REAGENT KIT	10	Milliliter(ML)	03-May-21
0001614564	-	1-Step Ultra TMB-ELISA Substrate Solution	250	Milliliter(ML)	03-May-21
0001614566	-	LABSOLUTIONS	27.5	Pounds(LB)	03-May-21
0001418820	-	EPON RESIN 828	1	Gallon(GAL)	03-May-21
0001614567	-	AG 1-X4 Resin Chloride Form	500	Gram(GM)	03-May-21
0001614568	-	AG 1-X4 Resin Chloride Form	500	Gram(GM)	03-May-21
0001614569	7704-98-5	TITANIUM(II) HYDRIDE	100	Gram(GM)	03-May-21
0001418821	-	RTV 630 SILICONE BLUE	1	Pounds(LB)	03-May-21
0001614570	9048-46-8	BOVINE SERUM ALBUMIN	500	Gram(GM)	03-May-21
0001418822	-	XIAMETER RTV-4230-E Silicone Rubber White	1	Pounds(LB)	03-May-21
0001614571	-	D-Lactic Acid	25	Gram(GM)	03-May-21
0001418823	-	SYLGARD 184 SILICONE ELASTOMER	1	Gallon(GAL)	03-May-21
0001418825	-	SYLGARD 184 SILICONE ELASTOMER	1	Gallon(GAL)	03-May-21
0001418824	-	SYLGARD 184 SILICONE ELASTOMER	1	Gallon(GAL)	03-May-21
0001418826	-	SYLGARD 184 SILICONE ELASTOMER	1	Gallon(GAL)	03-May-21
0001418827	-	SYLGARD 184 SILICONE ELASTOMER	1	Gallon(GAL)	03-May-21
0001418836	-	SYLGARD 184 CURING AGENT	1	Pint(PT)	03-May-21
0001418835	-	SYLGARD 184 SILICONE ELASTOMER	1	Gallon(GAL)	03-May-21
0001418834	-	SYLGARD 184 CURING AGENT	1	Pint(PT)	03-May-21
0001418832	-	SILICONE CROSSLINKER	500	Gram(GM)	03-May-21
0001418833	-	SILICONE CROSSLINKER	500	Milliliter(ML)	03-May-21
0001418831	-	XIAMETER RTV-3010-S CATALYST	500	Milliliter(ML)	03-May-21
0001418830	301-10-0	TIN (II) 2-ETHYLHEXANOATE	500	Milliliter(ML)	03-May-21
0001418829	-	DC 3110 RTV PRIME COAT	500	Milliliter(ML)	03-May-21
0001418828	301-10-0	TIN (II) 2-ETHYLHEXANOATE	500	Milliliter(ML)	03-May-21
0001418837	-	VORANOL 490	4	Gallon(GAL)	03-May-21
0001418853	-	DOW CORNING SYLGARD 186 SILICONE ELASTOMER	1	Gallon(GAL)	03-May-21
0001418843	-	SYLGARD 186 SILICONE ELASTOMER CURING AGENT	1	Pint(PT)	03-May-21
0001418852	-	SYLGARD 186 SILICONE ELASTOMER CURING AGENT	1	Pint(PT)	03-May-21
0001418841	7440-42-8	BORON POWDER	2	Kilograms(KG)	03-May-21
0001418842	7440-33-7	TUNGSTEN POWDER	2	Kilograms(KG)	03-May-21
0001418851	-	CAB-O-SIL M-5 SCINTILLATION GRADE	1	Gallon(GAL)	03-May-21
0001418850	-	BORON 10B CARBIDE	1	Kilograms(KG)	03-May-21
0001418849	-	CAB-O-SIL M-5 SCINTILLATION GRADE	1	Kilograms(KG)	03-May-21
0001418848	7440-33-7	TUNGSTEN POWDER	1	Kilograms(KG)	03-May-21
0001418847	-	GEL-8150 Part A	250	Milliliter(ML)	03-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001418838	-	ROSS Storage Solution	1	Pint(PT)	03-May-21
0001418839	-	PH 10 BUFFER SOLUTION	1	Pint(PT)	03-May-21
0001418840	-	PH 7 BUFFER SOLUTION	1	Pint(PT)	03-May-21
0001418845	-	PH 4 BUFFER SOLUTION	1	Pint(PT)	03-May-21
0001418844	-	PH STABILIZER	10	Milliliter(ML)	03-May-21
0001418854	-	REFERENCE ELECTRODE FILLING SOLN.	50	Milliliter(ML)	03-May-21
0001418846	-	TFE RELEASE AGENT/DRY LUBRICANT	1	Pint(PT)	03-May-21
0001678940	-	Oxygen Nitrogen	34	Cubic Feet(CF)	04-May-21
0001678943	-	Oxygen Nitrogen	34	Cubic Feet(CF)	04-May-21
0001678942	-	Oxygen Nitrogen	34	Cubic Feet(CF)	04-May-21
0001678941	-	Oxygen Nitrogen	34	Cubic Feet(CF)	04-May-21
0001678933	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	04-May-21
0001678937	7440-59-7	HELIUM GAS	100	Liters(L)	04-May-21
0001678936	7440-59-7	HELIUM GAS	100	Liters(L)	04-May-21
0001678938	7440-59-7	HELIUM GAS	100	Liters(L)	04-May-21
0001678939	7440-59-7	HELIUM GAS	250	Liters(L)	04-May-21
0001678934	115-10-6	DIMETHYL ETHER	1	Kilograms(KG)	04-May-21
0001678935	115-10-6	DIMETHYL ETHER	1	Kilograms(KG)	04-May-21
0001590986	64-17-5	ETHYL ALCOHOL (ETHANOL) (GRAIN GRAPE ALCOHOL) 190 PROOF	1	Gallon(GAL)	04-May-21
0001612714	7697-37-2	NITRIC ACID	2	Liters(L)	04-May-21
0001612725	7697-37-2	NITRIC ACID	2	Liters(L)	04-May-21
0001612724	7697-37-2	NITRIC ACID	2	Liters(L)	04-May-21
0001612723	7697-37-2	NITRIC ACID	2	Liters(L)	04-May-21
0001612722	7697-37-2	NITRIC ACID	2	Liters(L)	04-May-21
0001612721	7697-37-2	NITRIC ACID	2	Liters(L)	04-May-21
0001612720	7697-37-2	NITRIC ACID	2	Liters(L)	04-May-21
0001612718	7697-37-2	NITRIC ACID	2	Liters(L)	04-May-21
0001612717	7697-37-2	NITRIC ACID	2	Liters(L)	04-May-21
0001612716	7697-37-2	NITRIC ACID	2	Liters(L)	04-May-21
0001612715	7697-37-2	NITRIC ACID	2	Liters(L)	04-May-21
0001612726	7697-37-2	NITRIC ACID	2	Liters(L)	04-May-21
0001612719	7697-37-2	NITRIC ACID	2	Liters(L)	04-May-21
0001615756	110-54-3	HEXANES (CERTIFIED ACS)	4	Liters(L)	04-May-21
0001615758	110-54-3	HEXANES (CERTIFIED ACS)	4	Liters(L)	04-May-21
0001615759	110-54-3	HEXANES (CERTIFIED ACS)	4	Liters(L)	04-May-21
0001615757	110-54-3	HEXANES (CERTIFIED ACS)	4	Liters(L)	04-May-21
0001615760	67-64-1	ACETONE	20	Liters(L)	04-May-21
0001615761	67-63-0	ISOPROPANOL (2-PROPANOL)	4	Liters(L)	04-May-21
0001615765	-	Hydrochloric Acid	500	Milliliter(ML)	04-May-21
0001615766	-	Hydrochloric Acid	500	Milliliter(ML)	04-May-21
0001615767	220797-16-0	TFB	1	Gram(GM)	04-May-21
0001679130	-	MAGNAFLUX SPOTCHECK SKC-S	10.5	Ounces(OZ)	04-May-21
0001679131	-	MAGNAFLUX SPOTCHECK SKC-S	10.5	Ounces(OZ)	04-May-21
0001679132	-	MAGNAFLUX SPOTCHECK SKC-S	10.5	Ounces(OZ)	04-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001679133	-	ZYGLO ZP-9F - aerosol	10	Ounces(OZ)	04-May-21
0001679134	-	ZYGLO ZP-9F - aerosol	10	Ounces(OZ)	04-May-21
0001679135	-	ZYGLO ZP-9F - aerosol	10	Ounces(OZ)	04-May-21
0001679136	-	ZYGLO PENETRANT ZL-27A	10.5	Ounces(OZ)	04-May-21
0001679138	-	ZYGLO PENETRANT ZL-27A	10.5	Ounces(OZ)	04-May-21
0001679137	-	ZYGLO PENETRANT ZL-27A	10.5	Ounces(OZ)	04-May-21
0001615762	67-63-0	ISOPROPANOL (2-PROPANOL)	4	Liters(L)	04-May-21
0001615764	67-63-0	ISOPROPANOL (2-PROPANOL)	4	Liters(L)	04-May-21
0001615763	67-63-0	ISOPROPANOL (2-PROPANOL)	4	Liters(L)	04-May-21
0001615768	13446-18-9	MAGNESIUM NITRATE HEXAHYDRATE	100	Gram(GM)	04-May-21
0001615769	7789-24-4	LITHIUM FLUORIDE	10	Gram(GM)	04-May-21
0001615770	14104-20-2	SILVER TETRAFLUOROBORATE	10	Gram(GM)	04-May-21
0001700265	-	MOBIL SHC 632	5	Gallon(GAL)	04-May-21
0001679145	74-98-6	PROPANE	25	Pounds(LB)	04-May-21
0001679146	74-98-6	PROPANE	25	Pounds(LB)	04-May-21
0001679147	7440-59-7	HELIUM GAS	150	Cubic Centimeter (CC)	04-May-21
0001679154	7440-59-7	HELIUM GAS	150	Cubic Centimeter (CC)	04-May-21
0001679159	7440-59-7	HELIUM GAS	150	Cubic Centimeter (CC)	04-May-21
0001679160	7440-59-7	HELIUM GAS	150	Cubic Centimeter (CC)	04-May-21
0001679161	7440-59-7	HELIUM GAS	150	Cubic Centimeter (CC)	04-May-21
0001679158	7440-59-7	HELIUM GAS	150	Cubic Centimeter (CC)	04-May-21
0001679157	7440-59-7	HELIUM GAS	150	Cubic Centimeter (CC)	04-May-21
0001679155	7440-59-7	HELIUM GAS	150	Cubic Centimeter (CC)	04-May-21
0001679153	7440-59-7	HELIUM GAS	150	Cubic Centimeter (CC)	04-May-21
0001679152	7440-59-7	HELIUM GAS	150	Cubic Centimeter (CC)	04-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001679151	7440-59-7	HELIUM GAS	150	Cubic Centimeter (CC)	04-May-21
0001679150	7440-59-7	HELIUM GAS	150	Cubic Centimeter (CC)	04-May-21
0001679149	7440-59-7	HELIUM GAS	150	Cubic Centimeter (CC)	04-May-21
0001679148	7440-59-7	HELIUM GAS	150	Cubic Centimeter (CC)	04-May-21
0001679156	7440-59-7	HELIUM GAS	150	Cubic Centimeter (CC)	04-May-21
0001349732	71-36-3	1-BUTANOL	1	Liters(L)	04-May-21
0001614544	367-93-1	IPTG ULTRA PURE IPtg (Isopropyl-Beta-D-thiogalactopyranoside)	1	Gram(GM)	04-May-21
0001614545	367-93-1	IPTG ULTRA PURE IPtg (Isopropyl-Beta-D-thiogalactopyranoside)	1	Gram(GM)	04-May-21
0001614510	-	MicroPolish Alumina Suspension	6	Ounces(OZ)	04-May-21
0001614511	1334-28-1	MICROPOLISH A (ALUMINA 0.3)	6	Ounces(OZ)	04-May-21
0001614512	1344-28-1	BUEHLER MICROPOLISH ALUMINA (0.05)	6	Ounces(OZ)	04-May-21
0001615771	98-88-4	BENZOYL CHLORIDE	25	Milliliter(ML)	04-May-21
0001615772	-	H-GLU(OTBU)-OTBU HCL	5	Gram(GM)	04-May-21
0001615773	107-83-5	HEXANE MIXTURE OF ISOMERS	1	Liters(L)	04-May-21
0001615774	91-20-3	NAPHTHALENE	25	Gram(GM)	04-May-21
0001615775	50525-27-4	TRIS(2 2-BIPYRIDYL)DICHLORORUTHENIUM(II) HEXAHYDRATE	5	Gram(GM)	04-May-21
0001646828	-	Marsh Spray Stencil Ink	11	Ounces(OZ)	04-May-21
0001646833	-	Marsh Spray Stencil Ink	11	Ounces(OZ)	04-May-21
0001646829	-	Marsh Spray Stencil Ink	11	Ounces(OZ)	04-May-21
0001646830	-	Marsh Spray Stencil Ink	11	Ounces(OZ)	04-May-21
0001646831	-	Marsh Spray Stencil Ink	11	Ounces(OZ)	04-May-21
0001646832	-	Marsh Spray Stencil Ink	11	Ounces(OZ)	04-May-21
0001641267	-	DEVCON 5 MINUTE EPOXY AMBER	1.69	Ounces(OZ)	04-May-21
0001641268	-	DEVCON 5 MINUTE EPOXY AMBER	1.65	Ounces(OZ)	04-May-21
0001615557	153277-35-1	ANTHRAQUINONE-2-SULFONIC ACID SODIUM SALT MONOHYDRATE	100	Gram(GM)	04-May-21
0001646834	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	05-May-21
0001646842	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	05-May-21
0001646848	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	05-May-21
0001646861	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	05-May-21
0001646859	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	05-May-21
0001646844	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	05-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001646857	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	05-May-21
0001646856	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	05-May-21
0001646855	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	05-May-21
0001646854	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	05-May-21
0001646853	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	05-May-21
0001646852	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	05-May-21
0001646851	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	05-May-21
0001646862	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	05-May-21
0001646849	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	05-May-21
0001646860	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	05-May-21
0001646847	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	05-May-21
0001646846	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	05-May-21
0001646845	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	05-May-21
0001646843	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	05-May-21
0001646841	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	05-May-21
0001646840	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	05-May-21
0001646839	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	05-May-21
0001646838	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	05-May-21
0001646837	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	05-May-21
0001646836	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	05-May-21
0001646835	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	05-May-21
0001646850	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	05-May-21
0001646858	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	05-May-21
0001646863	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	05-May-21
0001646865	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	05-May-21
0001646878	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	05-May-21
0001646870	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	05-May-21
0001646871	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	05-May-21
0001646872	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	05-May-21
0001646873	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	05-May-21
0001646874	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	05-May-21
0001646875	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	05-May-21
0001646868	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	05-May-21
0001646867	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	05-May-21
0001646877	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	05-May-21
0001646879	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	05-May-21
0001646866	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	05-May-21
0001646876	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	05-May-21
0001646869	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	05-May-21
0001646880	7664-93-9	H2SO4 500ML PRESERVATION VIALS	100	Milliliter(ML)	05-May-21
0001646881	7664-93-9	H2SO4 500ML PRESERVATION VIALS	100	Milliliter(ML)	05-May-21
0001646884	-	H2SO4 PRESERVATION KIT FOR 250 ML CONTAINER	100	Milliliter(ML)	05-May-21
0001646885	-	H2SO4 PRESERVATION KIT FOR 250 ML CONTAINER	100	Milliliter(ML)	05-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001646886	-	H2SO4 PRESERVATION KIT FOR 250 ML CONTAINER	100	Milliliter(ML)	05-May-21
0001646883	-	H2SO4 PRESERVATION KIT FOR 250 ML CONTAINER	100	Milliliter(ML)	05-May-21
0001646882	-	H2SO4 PRESERVATION KIT FOR 250 ML CONTAINER	100	Milliliter(ML)	05-May-21
0001646887	-	HNO3 PRESERVATION KIT FOR 1000 ML CONTAINER	100	Milliliter(ML)	05-May-21
0001646889	-	HNO3 PRESERVATION KIT FOR 1000 ML CONTAINER	100	Milliliter(ML)	05-May-21
0001646890	-	HNO3 PRESERVATION KIT FOR 1000 ML CONTAINER	100	Milliliter(ML)	05-May-21
0001646888	-	HNO3 PRESERVATION KIT FOR 1000 ML CONTAINER	100	Milliliter(ML)	05-May-21
0001615776	577-11-7	Dioctyl sulfosuccinate sodium salt	100	Gram(GM)	05-May-21
0001615777	7789-23-3	POTASSIUM FLUORIDE	500	Gram(GM)	05-May-21
0001615778	7697-37-2	NITRIC ACID	500	Milliliter(ML)	05-May-21
0001615780	7697-37-2	NITRIC ACID	500	Milliliter(ML)	05-May-21
0001615779	7697-37-2	NITRIC ACID	500	Milliliter(ML)	05-May-21
0001615781	-	EP62-1HT Kit - contains (Part A) Epoxy resin and (Part-B) Curing agent	30	Cubic Centimeter (CC)	05-May-21
0001615782	-	EP62-1HT Kit - contains (Part A) Epoxy resin and (Part-B) Curing agent	1	Pint(PT)	05-May-21
0001615783	-	5-MINUTE EPOXY	50	Milliliter(ML)	05-May-21
0001615787	-	5-MINUTE EPOXY	50	Milliliter(ML)	05-May-21
0001615786	-	5-MINUTE EPOXY	50	Milliliter(ML)	05-May-21
0001615784	-	5-MINUTE EPOXY	50	Milliliter(ML)	05-May-21
0001615785	-	5-MINUTE EPOXY	50	Milliliter(ML)	05-May-21
0001615855	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615865	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615867	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615869	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615870	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615871	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615872	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615873	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615874	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615875	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615876	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615890	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615888	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615886	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615887	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615866	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001615877	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615878	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615879	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615880	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615881	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615882	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615883	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615884	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615885	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615889	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615859	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615864	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615868	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615856	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615858	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615860	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615861	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615862	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615863	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615857	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615906	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615931	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615911	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615930	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615913	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615912	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615910	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615909	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615929	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615907	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615923	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615905	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615904	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615908	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615928	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615927	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615926	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615924	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615922	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615921	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615920	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615919	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615918	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615916	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615914	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001615903	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615915	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615925	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615893	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615917	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615902	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615892	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615894	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615895	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615896	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615897	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615898	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615899	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615900	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615901	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001615891	-	Dottie Duct Seal	1	Pounds(LB)	05-May-21
0001646759	-	BlueDEF Diesel Exhaust Fluid	2.5	Gallon(GAL)	05-May-21
0001646764	-	BlueDEF Diesel Exhaust Fluid	2.5	Gallon(GAL)	05-May-21
0001646766	-	BlueDEF Diesel Exhaust Fluid	2.5	Gallon(GAL)	05-May-21
0001646760	-	BlueDEF Diesel Exhaust Fluid	2.5	Gallon(GAL)	05-May-21
0001646761	-	BlueDEF Diesel Exhaust Fluid	2.5	Gallon(GAL)	05-May-21
0001646763	-	BlueDEF Diesel Exhaust Fluid	2.5	Gallon(GAL)	05-May-21
0001646765	-	BlueDEF Diesel Exhaust Fluid	2.5	Gallon(GAL)	05-May-21
0001646768	-	BlueDEF Diesel Exhaust Fluid	2.5	Gallon(GAL)	05-May-21
0001646769	-	BlueDEF Diesel Exhaust Fluid	2.5	Gallon(GAL)	05-May-21
0001646770	-	BlueDEF Diesel Exhaust Fluid	2.5	Gallon(GAL)	05-May-21
0001646762	-	BlueDEF Diesel Exhaust Fluid	2.5	Gallon(GAL)	05-May-21
0001646767	-	BlueDEF Diesel Exhaust Fluid	2.5	Gallon(GAL)	05-May-21
0001646757	-	Black Jack Drive-Kote 500 Driveway Sealer	4.75	Gallon(GAL)	05-May-21
0001646758	-	Black Jack Drive-Kote 500 Driveway Sealer	4.75	Gallon(GAL)	05-May-21
0001646753	-	ELASTOMERIC EMULSION CRACK FILLER	1	Gallon(GAL)	05-May-21
0001615932	67-56-1	Methanol (Optima LC/MS)	1	Liters(L)	05-May-21
0001615934	67-56-1	Methanol (Optima LC/MS)	1	Liters(L)	05-May-21
0001615937	67-56-1	Methanol (Optima LC/MS)	1	Liters(L)	05-May-21
0001615935	67-56-1	Methanol (Optima LC/MS)	1	Liters(L)	05-May-21
0001615933	67-56-1	Methanol (Optima LC/MS)	1	Liters(L)	05-May-21
0001615936	67-56-1	Methanol (Optima LC/MS)	1	Liters(L)	05-May-21
0001615938	7697-37-2	NITRIC ACID	500	Milliliter(ML)	05-May-21
0001615939	7697-37-2	NITRIC ACID	500	Milliliter(ML)	05-May-21
0001615940	7697-37-2	NITRIC ACID	500	Milliliter(ML)	05-May-21
0001615941	7697-37-2	NITRIC ACID	500	Milliliter(ML)	05-May-21
0001615788	7440-66-6	ZINC POWDER	5	Gram(GM)	05-May-21
0001615789	7440-66-6	ZINC POWDER	5	Gram(GM)	05-May-21
0001615790	6484-52-2	Ammonium nitrate Puratronic	50	Gram(GM)	05-May-21
0001615942	1336-21-6	ammonium hydroxide	500	Milliliter(ML)	05-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001615949	1336-21-6	ammonium hydroxide	500	Milliliter(ML)	05-May-21
0001615953	1336-21-6	ammonium hydroxide	500	Milliliter(ML)	05-May-21
0001615950	1336-21-6	ammonium hydroxide	500	Milliliter(ML)	05-May-21
0001615951	1336-21-6	ammonium hydroxide	500	Milliliter(ML)	05-May-21
0001615952	1336-21-6	ammonium hydroxide	500	Milliliter(ML)	05-May-21
0001615947	1336-21-6	ammonium hydroxide	500	Milliliter(ML)	05-May-21
0001615946	1336-21-6	ammonium hydroxide	500	Milliliter(ML)	05-May-21
0001615945	1336-21-6	ammonium hydroxide	500	Milliliter(ML)	05-May-21
0001615944	1336-21-6	ammonium hydroxide	500	Milliliter(ML)	05-May-21
0001615943	1336-21-6	ammonium hydroxide	500	Milliliter(ML)	05-May-21
0001615948	1336-21-6	ammonium hydroxide	500	Milliliter(ML)	05-May-21
0001615954	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	19	Ounces(OZ)	05-May-21
0001615968	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	19	Ounces(OZ)	05-May-21
0001615969	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	19	Ounces(OZ)	05-May-21
0001615970	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	19	Ounces(OZ)	05-May-21
0001615971	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	19	Ounces(OZ)	05-May-21
0001615972	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	19	Ounces(OZ)	05-May-21
0001615967	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	19	Ounces(OZ)	05-May-21
0001615976	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	19	Ounces(OZ)	05-May-21
0001615973	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	19	Ounces(OZ)	05-May-21
0001615977	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	19	Ounces(OZ)	05-May-21
0001615974	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	19	Ounces(OZ)	05-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001615958	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	19	Ounces(OZ)	05-May-21
0001615966	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	19	Ounces(OZ)	05-May-21
0001615955	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	19	Ounces(OZ)	05-May-21
0001615975	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	19	Ounces(OZ)	05-May-21
0001615957	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	19	Ounces(OZ)	05-May-21
0001615959	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	19	Ounces(OZ)	05-May-21
0001615960	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	19	Ounces(OZ)	05-May-21
0001615961	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	19	Ounces(OZ)	05-May-21
0001615962	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	19	Ounces(OZ)	05-May-21
0001615963	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	19	Ounces(OZ)	05-May-21
0001615964	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	19	Ounces(OZ)	05-May-21
0001615965	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	19	Ounces(OZ)	05-May-21
0001615956	-	Professional Lysol l Brand III Kills 99.9% of Viruses & Bacteria** Disinfectant Spray All Scents	19	Ounces(OZ)	05-May-21
0001615978	85-01-8	PHENANTHRENE	50	Gram(GM)	05-May-21
0001615979	-	RNA Loading Dye	4	Milliliter(ML)	05-May-21
0001615980	19004-19-4	Copper (II) nitrate hemi(pentahydrate)	100	Gram(GM)	05-May-21
0001615981	7784-27-2	ALUMINUM NITRATE NONAHYDRATE	100	Gram(GM)	05-May-21
0001615982	57-11-4	STEARIC ACID	100	Gram(GM)	05-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001615983	31175-20-9	Nafion D-521 dispersion 5% w/w in water and 1-propanol	25	Milliliter(ML)	05-May-21
0001615985	31175-20-9	Nafion D-521 dispersion 5% w/w in water and 1-propanol	25	Milliliter(ML)	05-May-21
0001615986	31175-20-9	Nafion D-521 dispersion 5% w/w in water and 1-propanol	25	Milliliter(ML)	05-May-21
0001615987	31175-20-9	Nafion D-521 dispersion 5% w/w in water and 1-propanol	25	Milliliter(ML)	05-May-21
0001615988	31175-20-9	Nafion D-521 dispersion 5% w/w in water and 1-propanol	25	Milliliter(ML)	05-May-21
0001615984	31175-20-9	Nafion D-521 dispersion 5% w/w in water and 1-propanol	25	Milliliter(ML)	05-May-21
0001615989	75-05-8	ACETONITRILE	1	Liters(L)	05-May-21
0001615990	693-04-9	BUTYLMAGNESIUM CHLORIDE	100	Milliliter(ML)	05-May-21
0001615991	67-63-0	2-PROPANOL	2.5	Liters(L)	05-May-21
0001615992	-	A660 Acid Solidifer	40	Pounds(LB)	05-May-21
0001615994	-	A660 Acid Solidifer	40	Pounds(LB)	05-May-21
0001615993	-	A660 Acid Solidifer	40	Pounds(LB)	05-May-21
0001615995	67-64-1	ACETONE	4	Liters(L)	05-May-21
0001615996	67-64-1	ACETONE	4	Liters(L)	05-May-21
0001615997	67-64-1	ACETONE	4	Liters(L)	05-May-21
0001615998	67-64-1	ACETONE	4	Liters(L)	05-May-21
0001320322	-	WET SURFACE EPOXY	25	Milliliter(ML)	05-May-21
0001459783	-	SCOTCHCAST ELECTRICAL RESIN	14	Gallon(GAL)	05-May-21
0001459796	-	SCOTCHCAST ELECTRICAL RESIN	14	Gallon(GAL)	05-May-21
0001459795	-	SCOTCHCAST ELECTRICAL RESIN	14	Gallon(GAL)	05-May-21
0001459794	-	SCOTCHCAST ELECTRICAL RESIN	14	Gallon(GAL)	05-May-21
0001459793	-	SCOTCHCAST ELECTRICAL RESIN	14	Gallon(GAL)	05-May-21
0001459792	-	SCOTCHCAST ELECTRICAL RESIN	14	Gallon(GAL)	05-May-21
0001459791	-	SCOTCHCAST ELECTRICAL RESIN	14	Gallon(GAL)	05-May-21
0001459790	-	SCOTCHCAST ELECTRICAL RESIN	14	Gallon(GAL)	05-May-21
0001459789	-	SCOTCHCAST ELECTRICAL RESIN	14	Gallon(GAL)	05-May-21
0001459788	-	SCOTCHCAST ELECTRICAL RESIN	14	Gallon(GAL)	05-May-21
0001459787	-	SCOTCHCAST ELECTRICAL RESIN	14	Gallon(GAL)	05-May-21
0001459786	-	SCOTCHCAST ELECTRICAL RESIN	14	Gallon(GAL)	05-May-21
0001459785	-	SCOTCHCAST ELECTRICAL RESIN	14	Gallon(GAL)	05-May-21
0001459784	-	SCOTCHCAST ELECTRICAL RESIN	14	Gallon(GAL)	05-May-21
0001615791	67-64-1	ACETONE	4	Liters(L)	05-May-21
0001615793	67-64-1	ACETONE	4	Liters(L)	05-May-21
0001615799	67-64-1	ACETONE	4	Liters(L)	05-May-21
0001615794	67-64-1	ACETONE	4	Liters(L)	05-May-21
0001615795	67-64-1	ACETONE	4	Liters(L)	05-May-21
0001615796	67-64-1	ACETONE	4	Liters(L)	05-May-21
0001615797	67-64-1	ACETONE	4	Liters(L)	05-May-21
0001615798	67-64-1	ACETONE	4	Liters(L)	05-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001615800	67-64-1	ACETONE	4	Liters(L)	05-May-21
0001615801	67-64-1	ACETONE	4	Liters(L)	05-May-21
0001615802	67-64-1	ACETONE	4	Liters(L)	05-May-21
0001615803	67-64-1	ACETONE	4	Liters(L)	05-May-21
0001615804	67-64-1	ACETONE	4	Liters(L)	05-May-21
0001615805	67-64-1	ACETONE	4	Liters(L)	05-May-21
0001615806	67-64-1	ACETONE	4	Liters(L)	05-May-21
0001615792	67-64-1	ACETONE	4	Liters(L)	05-May-21
0001615807	-	Hydrochloric Acid	2.5	Liters(L)	05-May-21
0001615808	-	YSI 3140 Platinizing Solution	1	Liters(L)	05-May-21
0001663129	7727-37-9	NITROGEN COMPRESSED GAS	1	Liters(L)	05-May-21
0001663093	122-39-4	DIPHENYLAMINE	5	Gram(GM)	05-May-21
0001663102	14283-07-9	LITHIUM TETRAFLUOROBORATE ANHYDROUS 98%	50	Gram(GM)	05-May-21
0001663111	-	POLYANILINE (EMERALDINE BASE)	5	Gram(GM)	05-May-21
0001663120	-	POLYANILINE (EMERALDINE BASE)	5	Gram(GM)	05-May-21
0001663121	63148-62-9	PLY 7601 SILOXANES AND SILICONES	0.5	Liters(L)	05-May-21
0001663130	-	WILETHANE 44 PART B	1	Liters(L)	05-May-21
0001663139	-	WILETHANE 44 PART A	1	Liters(L)	05-May-21
0001663148	-	WILETHANE 44 PART A	1	Liters(L)	05-May-21
0001663157	63148-62-9	PLY 7601 SILOXANES AND SILICONES	1	Gallon(GAL)	05-May-21
0001663104	-	HALTHANE ADHESIVE	1	Liters(L)	05-May-21
0001663131	-	HALTHANE PREPOLYMER 88	1	Liters(L)	05-May-21
0001663140	-	HALTHANE PREPOLYMER 88	1	Liters(L)	05-May-21
0001663149	68410-23-1	VERSAMID 125 POLYAMIDE RESIN	0.5	Liters(L)	05-May-21
0001663158	-	XL 121	1	Liters(L)	05-May-21
0001663094	-	VERSAMID 125	0.5	Liters(L)	05-May-21
0001663103	-	WILETHANE 44 PART A	1	Liters(L)	05-May-21
0001663112	-	WILETHANE 44 PART A	1	Liters(L)	05-May-21
0001663095	-	ANCAMINE LO	1	Liters(L)	05-May-21
0001663113	-	ANCAMINE LO	1	Liters(L)	05-May-21
0001663122	-	ANCAMINE LO	1	Liters(L)	05-May-21
0001615809	-	ISOFLEX NBU 15	50	Gram(GM)	05-May-21
0001615810	58-85-5	D-BIOTIN	5	Gram(GM)	05-May-21
0001615811	811-97-2	DUSTER ES1017	10	Ounces(OZ)	05-May-21
0001615819	811-97-2	DUSTER ES1017	10	Ounces(OZ)	05-May-21
0001615820	811-97-2	DUSTER ES1017	10	Ounces(OZ)	05-May-21
0001615818	811-97-2	DUSTER ES1017	10	Ounces(OZ)	05-May-21
0001615817	811-97-2	DUSTER ES1017	10	Ounces(OZ)	05-May-21
0001615816	811-97-2	DUSTER ES1017	10	Ounces(OZ)	05-May-21
0001615815	811-97-2	DUSTER ES1017	10	Ounces(OZ)	05-May-21
0001615814	811-97-2	DUSTER ES1017	10	Ounces(OZ)	05-May-21
0001615813	811-97-2	DUSTER ES1017	10	Ounces(OZ)	05-May-21
0001615812	811-97-2	DUSTER ES1017	10	Ounces(OZ)	05-May-21
0001615821	-	1-Step Ultra TMB-ELISA Substrate Solution	250	Milliliter(ML)	05-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001615822	107-05-1	ALLYL CHLORIDE	100	Milliliter(ML)	05-May-21
0001615823	106-95-6	ALLYL BROMIDE	250	Milliliter(ML)	05-May-21
0001615824	-	TURBO(TM) DNase	10	Gram(GM)	05-May-21
0000709059	-	ODORLESS PAINT THINNER	1	Gallon(GAL)	06-May-21
0000709061	-	ODORLESS PAINT THINNER	1	Gallon(GAL)	06-May-21
0000709060	-	ODORLESS PAINT THINNER	1	Gallon(GAL)	06-May-21
0000709066	-	ODORLESS PAINT THINNER	1	Gallon(GAL)	06-May-21
0001663087	-	VELOCITE OIL NO.10	5	Gallon(GAL)	06-May-21
0001663088	-	HYDRAULIC OIL	5	Gallon(GAL)	06-May-21
0001663089	-	HYDRAULIC OIL	5	Gallon(GAL)	06-May-21
0000709067	-	EDM 244 Di-Electric Fluid	5	Gallon(GAL)	06-May-21
0000709068	-	EDM 244 Di-Electric Fluid	5	Gallon(GAL)	06-May-21
0001663090	-	EUROSUPREME OIL	5	Gallon(GAL)	06-May-21
0001663096	-	EUROSUPREME OIL	5	Gallon(GAL)	06-May-21
0001663097	-	EUROSUPREME OIL	5	Gallon(GAL)	06-May-21
0001663098	-	EUROSUPREME OIL	5	Gallon(GAL)	06-May-21
0001663099	-	EUROSUPREME OIL	5	Gallon(GAL)	06-May-21
0001663105	-	EUROSUPREME OIL	5	Gallon(GAL)	06-May-21
0001385734	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541521	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541532	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541531	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541530	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541529	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541528	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541527	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541526	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541525	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541524	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541520	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541522	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541513	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541533	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541549	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541519	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541518	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541517	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541516	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541515	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541514	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541523	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541566	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541534	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541558	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541547	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001541560	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541561	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541562	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541563	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541556	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541565	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541557	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541567	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541568	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541569	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541570	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541571	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541572	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541573	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541574	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541564	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541542	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541535	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541536	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541537	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541538	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541539	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541559	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541541	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541555	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541543	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541544	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541546	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541548	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541550	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541551	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541552	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541545	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541540	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541554	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001541553	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001201523	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001201526	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001201525	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001201520	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001201522	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001201524	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001201521	-	SILICA GEL 6-12 MESH	3	Quarts(QT)	06-May-21
0001663106	-	CHEVRON TRACTOR HYDRAULIC FLUID	5	Gallon(GAL)	06-May-21
0001663107	-	Mobil DTE 10 Excel 32	5	Gallon(GAL)	06-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001663108	-	Mobil DTE 10 Excel 32	5	Gallon(GAL)	06-May-21
0001663114	-	Mobil DTE 10 Excel 32	5	Gallon(GAL)	06-May-21
0001663115	-	Mobil DTE 10 Excel 32	5	Gallon(GAL)	06-May-21
0001663116	-	Mobil DTE 10 Excel 32	5	Gallon(GAL)	06-May-21
0001663117	-	Mobil DTE 10 Excel 32	5	Gallon(GAL)	06-May-21
0001663123	-	Mobil DTE 10 Excel 32	5	Gallon(GAL)	06-May-21
0001663124	-	Mobil DTE 10 Excel 32	5	Gallon(GAL)	06-May-21
0001700964	-	HEAVY DUTY SILICONE	10.1	Ounces(OZ)	06-May-21
0001700965	-	HEAVY DUTY SILICONE	10.1	Ounces(OZ)	06-May-21
0001700981	-	HEAVY DUTY SILICONE	10.1	Ounces(OZ)	06-May-21
0001700978	-	HEAVY DUTY SILICONE	10.1	Ounces(OZ)	06-May-21
0001700987	-	HEAVY DUTY SILICONE	10.1	Ounces(OZ)	06-May-21
0001700986	-	HEAVY DUTY SILICONE	10.1	Ounces(OZ)	06-May-21
0001700985	-	HEAVY DUTY SILICONE	10.1	Ounces(OZ)	06-May-21
0001700984	-	HEAVY DUTY SILICONE	10.1	Ounces(OZ)	06-May-21
0001700983	-	HEAVY DUTY SILICONE	10.1	Ounces(OZ)	06-May-21
0001700982	-	HEAVY DUTY SILICONE	10.1	Ounces(OZ)	06-May-21
0001700988	-	HEAVY DUTY SILICONE	10.1	Ounces(OZ)	06-May-21
0001700979	-	HEAVY DUTY SILICONE	10.1	Ounces(OZ)	06-May-21
0001700976	-	HEAVY DUTY SILICONE	10.1	Ounces(OZ)	06-May-21
0001700977	-	HEAVY DUTY SILICONE	10.1	Ounces(OZ)	06-May-21
0001700975	-	HEAVY DUTY SILICONE	10.1	Ounces(OZ)	06-May-21
0001700973	-	HEAVY DUTY SILICONE	10.1	Ounces(OZ)	06-May-21
0001700972	-	HEAVY DUTY SILICONE	10.1	Ounces(OZ)	06-May-21
0001700966	-	HEAVY DUTY SILICONE	10.1	Ounces(OZ)	06-May-21
0001700980	-	HEAVY DUTY SILICONE	10.1	Ounces(OZ)	06-May-21
0001700993	-	HEAVY DUTY SILICONE	10.1	Ounces(OZ)	06-May-21
0001700971	-	HEAVY DUTY SILICONE	10.1	Ounces(OZ)	06-May-21
0001700974	-	HEAVY DUTY SILICONE	10.1	Ounces(OZ)	06-May-21
0001700989	-	HEAVY DUTY SILICONE	10.1	Ounces(OZ)	06-May-21
0001700968	-	HEAVY DUTY SILICONE	10.1	Ounces(OZ)	06-May-21
0001700969	-	HEAVY DUTY SILICONE	10.1	Ounces(OZ)	06-May-21
0001700967	-	HEAVY DUTY SILICONE	10.1	Ounces(OZ)	06-May-21
0001700992	-	HEAVY DUTY SILICONE	10.1	Ounces(OZ)	06-May-21
0001700990	-	HEAVY DUTY SILICONE	10.1	Ounces(OZ)	06-May-21
0001700970	-	HEAVY DUTY SILICONE	10.1	Ounces(OZ)	06-May-21
0001700991	-	HEAVY DUTY SILICONE	10.1	Ounces(OZ)	06-May-21
0000709069	-	SHELL TURBO T-OIL 32	5	Gallon(GAL)	06-May-21
0000709070	-	HYDRAULIC OIL	5	Gallon(GAL)	06-May-21
0001663125	-	EDM FLUID	5	Gallon(GAL)	06-May-21
0001021015	-	Nitrate Test	100	Milliliter(ML)	06-May-21
0001663126	-	Thermo200 Treated Water Solution with Nalco	5	Gallon(GAL)	06-May-21
0001663134	-	SIMPLE GREEN	5	Gallon(GAL)	06-May-21
0001663135	-	SIMPLE GREEN	5	Gallon(GAL)	06-May-21
0001679139	-	Carbon Dioxide 2.5%/Argon 7.5%/Bal. Helium	220	Cubic Feet(CF)	06-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001679140	-	ARGON GAS	40	Cubic Feet(CF)	06-May-21
0001679144	-	ARGON GAS	33	Cubic Feet(CF)	06-May-21
0001679143	-	ARGON GAS	40	Cubic Feet(CF)	06-May-21
0001679142	-	ARGON GAS	40	Cubic Feet(CF)	06-May-21
0001679141	-	ARGON GAS	40	Cubic Feet(CF)	06-May-21
0001678944	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-May-21
0001678958	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-May-21
0001678947	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-May-21
0001678966	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-May-21
0001678968	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-May-21
0001678965	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-May-21
0001678964	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-May-21
0001678963	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-May-21
0001678962	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-May-21
0001678961	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-May-21
0001678960	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-May-21
0001678959	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-May-21
0001678967	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-May-21
0001678957	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-May-21
0001678956	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-May-21
0001678955	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-May-21
0001678954	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-May-21
0001678953	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-May-21
0001678952	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-May-21
0001678951	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-May-21
0001678950	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-May-21
0001678948	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-May-21
0001678946	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-May-21
0001678945	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-May-21
0001678969	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-May-21
0001678949	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-May-21
0001678973	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-May-21
0001678979	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-May-21
0001678970	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-May-21
0001678971	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-May-21
0001678984	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-May-21
0001678983	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-May-21
0001678982	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-May-21
0001678980	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-May-21
0001678978	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-May-21
0001678977	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-May-21
0001678976	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-May-21
0001678975	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-May-21
0001678974	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-May-21
0001678972	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001678981	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	06-May-21
0001678985	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	06-May-21
0001678990	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	06-May-21
0001678991	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	06-May-21
0001678989	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	06-May-21
0001678988	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	06-May-21
0001678986	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	06-May-21
0001678987	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	06-May-21
0001679006	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	06-May-21
0001679005	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	06-May-21
0001679004	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	06-May-21
0001679003	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	06-May-21
0001679002	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	06-May-21
0001678999	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	06-May-21
0001679000	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	06-May-21
0001678997	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	06-May-21
0001678996	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	06-May-21
0001678995	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	06-May-21
0001678994	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	06-May-21
0001678993	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	06-May-21
0001679001	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	06-May-21
0001678992	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	06-May-21
0001678998	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	06-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001679007	-	ARGON GAS	220	Cubic Feet(CF)	06-May-21
0001679012	-	ARGON GAS	220	Cubic Feet(CF)	06-May-21
0001679013	-	ARGON GAS	220	Cubic Feet(CF)	06-May-21
0001679011	-	ARGON GAS	220	Cubic Feet(CF)	06-May-21
0001679009	-	ARGON GAS	220	Cubic Feet(CF)	06-May-21
0001679008	-	ARGON GAS	220	Cubic Feet(CF)	06-May-21
0001679010	-	ARGON GAS	220	Cubic Feet(CF)	06-May-21
0001679014	-	ARGON GAS	220	Cubic Feet(CF)	06-May-21
0001679015	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	06-May-21
0001679018	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	06-May-21
0001679026	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	06-May-21
0001679025	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	06-May-21
0001679024	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	06-May-21
0001679023	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	06-May-21
0001679022	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	06-May-21
0001679021	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	06-May-21
0001679019	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	06-May-21
0001679017	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	06-May-21
0001679016	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	06-May-21
0001679020	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	06-May-21
0001679031	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	06-May-21
0001679035	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	06-May-21
0001679029	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	06-May-21
0001679038	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	06-May-21
0001679027	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	06-May-21
0001679036	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	06-May-21
0001679034	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	06-May-21
0001679033	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	06-May-21
0001679032	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	06-May-21
0001679030	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	06-May-21
0001679028	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	06-May-21
0001679037	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	06-May-21
0001679082	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	06-May-21
0001679087	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	06-May-21
0001679086	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	06-May-21
0001679085	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	06-May-21
0001679083	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	06-May-21
0001679084	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	06-May-21
0001679039	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	06-May-21
0001679078	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	06-May-21
0001679068	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	06-May-21
0001679070	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	06-May-21
0001679071	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	06-May-21
0001679072	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	06-May-21
0001679073	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	06-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001679074	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	06-May-21
0001679075	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	06-May-21
0001679066	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	06-May-21
0001679077	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	06-May-21
0001679067	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	06-May-21
0001679079	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	06-May-21
0001679080	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	06-May-21
0001679081	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	06-May-21
0001679043	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	06-May-21
0001679042	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	06-May-21
0001679041	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	06-May-21
0001679040	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	06-May-21
0001679044	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	06-May-21
0001679076	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	06-May-21
0001679054	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	06-May-21
0001679045	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	06-May-21
0001679046	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	06-May-21
0001679047	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	06-May-21
0001679048	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	06-May-21
0001679049	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	06-May-21
0001679050	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	06-May-21
0001679051	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	06-May-21
0001679069	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	06-May-21
0001679053	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	06-May-21
0001679065	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	06-May-21
0001679062	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	06-May-21
0001679052	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	06-May-21
0001679063	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	06-May-21
0001679055	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	06-May-21
0001679061	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	06-May-21
0001679060	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	06-May-21
0001679059	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	06-May-21
0001679058	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	06-May-21
0001679057	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	06-May-21
0001679056	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	06-May-21
0001679064	-	Hydrogen 6% 94% Argon	220	Cubic Feet(CF)	06-May-21
0001679088	74-98-6	PROPANE	11	Gallon(GAL)	06-May-21
0001679094	74-98-6	PROPANE	11	Gallon(GAL)	06-May-21
0001679095	74-98-6	PROPANE	11	Gallon(GAL)	06-May-21
0001679090	74-98-6	PROPANE	11	Gallon(GAL)	06-May-21
0001679096	74-98-6	PROPANE	11	Gallon(GAL)	06-May-21
0001679093	74-98-6	PROPANE	11	Gallon(GAL)	06-May-21
0001679089	74-98-6	PROPANE	11	Gallon(GAL)	06-May-21
0001679091	74-98-6	PROPANE	11	Gallon(GAL)	06-May-21
0001679092	74-98-6	PROPANE	11	Gallon(GAL)	06-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001679097	74-98-6	PROPANE	100	Pounds(LB)	06-May-21
0001679098	74-98-6	PROPANE	100	Pounds(LB)	06-May-21
0001679099	74-98-6	PROPANE	5	Gallon(GAL)	06-May-21
0001679100	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	06-May-21
0001679102	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	06-May-21
0001679111	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	06-May-21
0001679110	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	06-May-21
0001679109	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	06-May-21
0001679108	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	06-May-21
0001679107	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	06-May-21
0001679106	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	06-May-21
0001679105	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	06-May-21
0001679113	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	06-May-21
0001679103	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	06-May-21
0001679114	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	06-May-21
0001679101	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	06-May-21
0001679104	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	06-May-21
0001679115	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	06-May-21
0001679116	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	06-May-21
0001679117	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	06-May-21
0001679118	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	06-May-21
0001679119	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	06-May-21
0001679112	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	06-May-21
0001679125	74-86-2	ACETYLENE STABILIZED	130	Cubic Feet(CF)	06-May-21
0001679126	74-86-2	ACETYLENE STABILIZED	130	Cubic Feet(CF)	06-May-21
0001679124	74-86-2	ACETYLENE STABILIZED	130	Cubic Feet(CF)	06-May-21
0001679123	74-86-2	ACETYLENE STABILIZED	130	Cubic Feet(CF)	06-May-21
0001679122	74-86-2	ACETYLENE STABILIZED	130	Cubic Feet(CF)	06-May-21
0001679121	74-86-2	ACETYLENE STABILIZED	130	Cubic Feet(CF)	06-May-21
0001679120	74-86-2	ACETYLENE STABILIZED	130	Cubic Feet(CF)	06-May-21
0001679127	74-86-2	ACETYLENE STABILIZED	130	Cubic Feet(CF)	06-May-21
0001679128	74-86-2	ACETYLENE STABILIZED	240	Cubic Feet(CF)	06-May-21
0001679129	74-86-2	ACETYLENE STABILIZED	240	Cubic Feet(CF)	06-May-21
0000956462	23979-41-1	(R)-(-)-6-Methoxy-a-methyl-2-naphthaleneacetic acid	50	Milligram(MG)	06-May-21
0000956463	22204-53-1	(S)-(+)-6-Methoxy-a-methyl-2-naphthaleneacetic acid	5	Gram(GM)	06-May-21
0000956461	22204-53-1	(S)-(+)-6-Methoxy-a-methyl-2-naphthaleneacetic acid	5	Gram(GM)	06-May-21
0001663133	-	SIMPLE GREEN	5	Gallon(GAL)	06-May-21
0001663132	-	Thermo200 Treated Water Solution with Nalco	5	Gallon(GAL)	06-May-21
0000709075	-	GEAR OIL	32	Ounces(OZ)	06-May-21
0000956481	104371-21-3	(R)-(+)-a-Methyl-2 3 4 5 6-pentafluorobenzyl alcohol	1	Gram(GM)	06-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0000956469	104371-20-2	(S)-(-)-a-Methyl-2 3 4 5 6-pentafluorobenzyl alcohol	1	Gram(GM)	06-May-21
0000709076	-	HARRIS STAY-SILV BLACK HI-TEMP BRACING FLUX	454	Gram(GM)	06-May-21
0000709077	-	HEAVY SCRATCH REMOVER	8	Ounces(OZ)	06-May-21
0001663144	-	THREE BOND 3046B UV CURING ADHESIVE	250	Gram(GM)	06-May-21
0001663143	-	THREE BOND 3046B UV CURING ADHESIVE	250	Gram(GM)	06-May-21
0001663142	-	THREE BOND 3046B UV CURING ADHESIVE	250	Gram(GM)	06-May-21
0001663141	-	THREE BOND 3046B UV CURING ADHESIVE	250	Gram(GM)	06-May-21
0000956439	-	Activated Thiol-Sepharose® 4B	1	Gram(GM)	06-May-21
0001663150	-	THREE BOND 3046B UV CURING ADHESIVE	250	Gram(GM)	06-May-21
0001663151	-	THREE BOND 3046B UV CURING ADHESIVE	250	Gram(GM)	06-May-21
0001423604	-	SHEETROCK LIGHTWEIGHT ALL PURPOSE JOINT COMPOUND	4.5	Gallon(GAL)	06-May-21
V00000827A	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	07-May-21
V00000827C	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	07-May-21
V00000827B	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	07-May-21
0000956474	24435-45-8	(S)-3 3 3-trifluoro-2-hydroxy-2-methylpropionic acid	100	Milligram(MG)	07-May-21
V00000827F	-	WD-40 MULTI-USE PRODUCT - [Non-Aerosol]	20	Ounces(OZ)	07-May-21
V00000827E	-	WD-40 MULTI-USE PRODUCT - [Non-Aerosol]	20	Ounces(OZ)	07-May-21
V00000827D	-	WD-40 MULTI-USE PRODUCT - [Non-Aerosol]	20	Ounces(OZ)	07-May-21
0000956476	44864-47-3	(R)-3 3 3-Trifluoro-2-hydroxy-2-methylpropionic acid	100	Milligram(MG)	07-May-21
V000008289	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	07-May-21
V000008288	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	07-May-21
V000008287	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	07-May-21
V000008286	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	07-May-21
V000008285	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	07-May-21
V000008284	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	07-May-21
V000008283	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	07-May-21
V000008281	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	07-May-21
V000008280	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	07-May-21
V000008282	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	07-May-21
V00000828D	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	07-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V00000828A	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	07-May-21
V00000828E	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	07-May-21
V00000828F	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	07-May-21
V00000828C	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	07-May-21
V00000828B	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	07-May-21
0000956446	598-81-2	(R)-(+)-Lactamide	10	Gram(GM)	07-May-21
0001579234	-	DEX/MERC	1	Quarts(QT)	07-May-21
0001579238	-	DEX/MERC	1	Quarts(QT)	07-May-21
0001579236	-	DEX/MERC	1	Quarts(QT)	07-May-21
0001579237	-	DEX/MERC	1	Quarts(QT)	07-May-21
0001579235	-	DEX/MERC	1	Quarts(QT)	07-May-21
0000956453	89673-71-2	(S)-(-)-Lactamide	10	Gram(GM)	07-May-21
0001579226	-	CHAIN AND CABLE FLUID	11	Ounces(OZ)	07-May-21
0001579228	-	CHAIN AND CABLE FLUID	11	Ounces(OZ)	07-May-21
0001579227	-	CHAIN AND CABLE FLUID	11	Ounces(OZ)	07-May-21
0001579229	-	CHAIN AND CABLE FLUID	11	Ounces(OZ)	07-May-21
0001579230	-	Brakleen Brake Parts Cleaner (aerosol)	11	Ounces(OZ)	07-May-21
0000956464	101152-94-7	Milnacipran hydrochloride solution 1 mg/mL in methanol	1	Milliliter(ML)	07-May-21
0000956452	492-38-6	Atropic Acid	25	Gram(GM)	07-May-21
0000956442	5928-67-6	(S)-(+)-Benzoin	100	Milligram(MG)	07-May-21
0000956449	636-61-3	D-(+)-Malic acid	5	Gram(GM)	07-May-21
0000956443	20312-36-1	L-(-)-3-Phenyllactic acid	5	Gram(GM)	07-May-21
0000956472	20698-91-3	Methyl (R)-(-)-mandelate	5	Gram(GM)	07-May-21
0000956448	7326-19-4	D-(+)-3-Phenyllactic acid	5	Gram(GM)	07-May-21
0000956437	492-38-6	Atropic Acid	25	Gram(GM)	07-May-21
0001579239	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579240	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579281	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579282	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579283	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579284	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001579286	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579298	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579297	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579295	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579280	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579294	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579293	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579292	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579291	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579290	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579289	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579288	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579285	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579296	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579249	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001579259	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579258	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579257	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579256	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579255	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579254	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579253	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579252	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579260	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579279	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579250	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579287	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579247	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579246	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579245	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001579244	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579243	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579242	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579241	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579251	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579270	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579278	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579277	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579276	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579275	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579274	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579248	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579273	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579261	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579271	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001579269	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579268	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579267	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579266	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579265	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579264	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579263	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579262	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0001579272	-	SC JOHNSON PROFESSIONAL FANTASTIK MULTISURFACE DEGREASER-DISINFECTANT-SANITIZER	32	Ounces(OZ)	07-May-21
0000157302	-	Zinsser BULLS EYE 1-2-3	5	Gallon(GAL)	07-May-21
0001579303	-	Zinsser BULLS EYE 1-2-3	5	Gallon(GAL)	07-May-21
0001579304	-	Zinsser BULLS EYE 1-2-3	5	Gallon(GAL)	07-May-21
0001579331	-	AMERLOCK SEALER CLEAR BASE	1	Gallon(GAL)	07-May-21
0001579339	-	AMERLOCK SEALER CLEAR BASE	1	Gallon(GAL)	07-May-21
0001579338	-	AMERLOCK SEALER CLEAR BASE	1	Gallon(GAL)	07-May-21
0001579337	-	AMERLOCK SEALER CLEAR BASE	1	Gallon(GAL)	07-May-21
0001579336	-	AMERLOCK SEALER CLEAR BASE	1	Gallon(GAL)	07-May-21
0001579335	-	AMERLOCK SEALER CLEAR BASE	1	Gallon(GAL)	07-May-21
0001579334	-	AMERLOCK SEALER CLEAR BASE	1	Gallon(GAL)	07-May-21
0001579333	-	AMERLOCK SEALER CLEAR BASE	1	Gallon(GAL)	07-May-21
0001579332	-	AMERLOCK SEALER CLEAR BASE	1	Gallon(GAL)	07-May-21
0001579305	-	PSX700 CURE PART B	0.2	Gallon(GAL)	07-May-21
0001579316	-	PSX700 CURE PART B	0.2	Gallon(GAL)	07-May-21
0001579319	-	PSX700 CURE PART B	0.2	Gallon(GAL)	07-May-21
0001579317	-	PSX700 CURE PART B	0.2	Gallon(GAL)	07-May-21
0001579315	-	PSX700 CURE PART B	0.2	Gallon(GAL)	07-May-21
0001579314	-	PSX700 CURE PART B	0.2	Gallon(GAL)	07-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001579312	-	PSX700 CURE PART B	0.2	Gallon(GAL)	07-May-21
0001579311	-	PSX700 CURE PART B	0.2	Gallon(GAL)	07-May-21
0001579310	-	PSX700 CURE PART B	0.2	Gallon(GAL)	07-May-21
0001579309	-	PSX700 CURE PART B	0.2	Gallon(GAL)	07-May-21
0001579308	-	PSX700 CURE PART B	0.2	Gallon(GAL)	07-May-21
0001579307	-	PSX700 CURE PART B	0.2	Gallon(GAL)	07-May-21
0001579306	-	PSX700 CURE PART B	0.2	Gallon(GAL)	07-May-21
0001579318	-	PSX700 CURE PART B	0.2	Gallon(GAL)	07-May-21
0001579313	-	PSX700 CURE PART B	0.2	Gallon(GAL)	07-May-21
V000008292	-	PSX 700 pearl gray resin	1	Gallon(GAL)	07-May-21
V00000829B	-	PSX 700 pearl gray resin	1	Gallon(GAL)	07-May-21
V00000829A	-	PSX 700 pearl gray resin	1	Gallon(GAL)	07-May-21
V000008299	-	PSX 700 pearl gray resin	1	Gallon(GAL)	07-May-21
V000008298	-	PSX 700 pearl gray resin	1	Gallon(GAL)	07-May-21
V000008297	-	PSX 700 pearl gray resin	1	Gallon(GAL)	07-May-21
V000008296	-	PSX 700 pearl gray resin	1	Gallon(GAL)	07-May-21
V000008295	-	PSX 700 pearl gray resin	1	Gallon(GAL)	07-May-21
V000008293	-	PSX 700 pearl gray resin	1	Gallon(GAL)	07-May-21
V00000829D	-	PSX 700 pearl gray resin	1	Gallon(GAL)	07-May-21
V00000829E	-	PSX 700 pearl gray resin	1	Gallon(GAL)	07-May-21
V000008290	-	PSX 700 pearl gray resin	1	Gallon(GAL)	07-May-21
V000008291	-	PSX 700 pearl gray resin	1	Gallon(GAL)	07-May-21
V00000829C	-	PSX 700 pearl gray resin	1	Gallon(GAL)	07-May-21
V000008294	-	PSX 700 pearl gray resin	1	Gallon(GAL)	07-May-21
0001579325	-	PEEL AWAY 7	5	Gallon(GAL)	10-May-21
0001579330	-	PEEL AWAY 7	5	Gallon(GAL)	10-May-21
0001579329	-	PEEL AWAY 7	5	Gallon(GAL)	10-May-21
0001579328	-	PEEL AWAY 7	5	Gallon(GAL)	10-May-21
0001579327	-	PEEL AWAY 7	5	Gallon(GAL)	10-May-21
0001579326	-	PEEL AWAY 7	5	Gallon(GAL)	10-May-21
0001590995	64-17-5	ALCOHOL USP ETHYL ALCOHOL 190 PROOF PUNCTILIOUS(R)	2	Gallon(GAL)	10-May-21
0001590996	64-17-5	ALCOHOL USP ETHYL ALCOHOL 190 PROOF PUNCTILIOUS(R)	2	Gallon(GAL)	10-May-21
0001590997	64-17-5	ALCOHOL USP ETHYL ALCOHOL 190 PROOF PUNCTILIOUS(R)	2	Gallon(GAL)	10-May-21
0001590980	64-17-5	ALCOHOL USP ETHYL ALCOHOL 190 PROOF PUNCTILIOUS(R)	2	Gallon(GAL)	10-May-21
0001590983	64-17-5	ALCOHOL USP ETHYL ALCOHOL 190 PROOF PUNCTILIOUS	3	Gallon(GAL)	10-May-21
0001590987	64-17-5	ALCOHOL USP ETHYL ALCOHOL 190 PROOF PUNCTILIOUS	3	Gallon(GAL)	10-May-21
0001458135	-	SNOOP LEAK DETECT	0.3	Gallon(GAL)	10-May-21
0001615825	110-03-2	2 5-DIMETHYL-2 5-HEXANEDIOL	100	Gram(GM)	10-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001579231	-	DUPLI-COLOR Acrylic Enamel Aerosol Paint Gloss White (OSHA White)	12	Ounces(OZ)	10-May-21
0001458133	-	HYDROCARBON VACUUM PUMP OIL	0.5	Gallon(GAL)	10-May-21
0001579299	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	10-May-21
0001579300	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	10-May-21
0001579301	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	10-May-21
0001579323	-	Cote All Gloss Jet Black	1	Gallon(GAL)	10-May-21
0001458513	-	Engine Paint	12	Ounces(OZ)	10-May-21
0001579320	-	Finium DTM-AT S/G Acrylic W/B	1	Gallon(GAL)	10-May-21
0001579321	-	Finium DTM-AT S/G Acrylic W/B	1	Gallon(GAL)	10-May-21
0001579322	-	Finium DTM-AT S/G Acrylic W/B	1	Gallon(GAL)	10-May-21
0001579324	-	COTE ALL WHITE BASE	1	Gallon(GAL)	10-May-21
0001678694	-	R-407C	40	Pounds(LB)	10-May-21
0001678650	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-May-21
0001678649	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-May-21
0001579232	-	MULTI-PURPOSE SUPER WHITE GREASE	14	Ounces(OZ)	10-May-21
0001579233	-	MULTI-PURPOSE SUPER WHITE GREASE	14	Ounces(OZ)	10-May-21
0001579225	-	ANTIFREEZE/COOLANT	1	Gallon(GAL)	10-May-21
0001423605	-	MULTI-PURPOSE ADHESIVE	28	Ounces(OZ)	10-May-21
0001700503	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700504	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700556	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700546	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700547	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700548	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700549	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700550	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700551	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700552	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700553	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001700554	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700555	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700562	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700516	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700558	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700506	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700507	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700508	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700509	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700510	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700511	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700512	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700513	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700527	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700515	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700528	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700517	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700518	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700519	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700520	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700521	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700522	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001700526	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700525	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700524	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700523	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700514	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700572	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700560	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700559	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700563	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700564	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700565	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700566	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700567	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700568	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700569	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700505	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700571	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700557	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700573	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700574	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700575	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700576	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001700577	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700578	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700579	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700580	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700530	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700529	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700570	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700536	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700537	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700538	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700561	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700533	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700535	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700539	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700540	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700541	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700542	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700543	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700544	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700545	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700532	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700531	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001700534	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700583	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700588	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700582	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700584	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700585	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700586	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700587	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700597	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700589	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700590	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700591	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700592	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700593	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700594	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700581	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700596	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700598	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001700595	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Pint(PT)	10-May-21
0001615826	589-29-7	1 4-Benzenedimethanol	10	Gram(GM)	10-May-21
0001615827	7758-99-8	COPPER(II) SULFATE PENTAHYDRATE	250	Gram(GM)	10-May-21
0001615828	1450-63-1	1 1 4 4-TETRAPHENYL-1 3-BUTADIENE	5	Gram(GM)	10-May-21
0001615829	1450-63-1	1 1 4 4-TETRAPHENYL-1 3-BUTADIENE	5	Gram(GM)	10-May-21
0001615830	1450-63-1	1 1 4 4-TETRAPHENYL-1 3-BUTADIENE	5	Gram(GM)	10-May-21
0001615831	7727-54-0	AMMONIUM PERSULFATE 98%	500	Gram(GM)	10-May-21
0001615832	100-51-6	BENZYL ALCOHOL	500	Gram(GM)	10-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001615833	10601-80-6	Ethyl 3 3-diethoxypropanoate	100	Gram(GM)	10-May-21
0001615834	-	DESS-MARTIN PERIODINANE	100	Gram(GM)	10-May-21
0001615835	75-05-8	ACETONITRILE	1	Liters(L)	10-May-21
0001615836	-	FULLCURE 835 VEROWHITE PLUS MODEL RESIN	1	Kilograms(KG)	10-May-21
0001615837	-	FULLCURE 705	1	Kilograms(KG)	10-May-21
0001615838	13813-23-5	PRASEODYMIUM(III) IODIDE	1	Gram(GM)	10-May-21
0001615839	13813-22-4	Lanthanum(III) iodide ultra dry	1	Gram(GM)	10-May-21
0001615840	64-17-5	ETHYL ALCOHOL	4	Liters(L)	10-May-21
0001615841	10035-10-6	HYDROBROMIC ACID	1	Liters(L)	10-May-21
0001615842	10035-10-6	HYDROBROMIC ACID	1	Liters(L)	10-May-21
0001699999	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700039	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700038	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700037	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700036	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700035	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700034	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700045	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700047	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700048	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700049	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700050	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700019	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700051	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700054	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700046	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700053	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700044	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700043	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700042	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700041	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700040	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700052	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700033	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700008	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700021	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700014	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700013	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700012	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700011	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700016	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700009	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700017	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700007	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700006	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001700005	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700004	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700002	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700000	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700010	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700024	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700031	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700030	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700029	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700028	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700027	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700015	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700025	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700032	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700023	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700022	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700055	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700020	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700003	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700018	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700026	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700069	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700001	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700056	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700070	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700068	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700067	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700066	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700065	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700064	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700063	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700062	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700061	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700060	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700059	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700058	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001700057	1336-21-6	ammonium hydroxide	2.5	Liters(L)	10-May-21
0001679162	-	HYDROGEN GAS	20	Cubic Feet(CF)	11-May-21
0001679166	-	HYDROGEN GAS	20	Cubic Feet(CF)	11-May-21
0001679165	-	HYDROGEN GAS	20	Cubic Feet(CF)	11-May-21
0001679167	-	HYDROGEN GAS	20	Cubic Feet(CF)	11-May-21
0001679164	-	HYDROGEN GAS	20	Cubic Feet(CF)	11-May-21
0001679163	-	HYDROGEN GAS	20	Cubic Feet(CF)	11-May-21
0001679168	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	11-May-21
0001679169	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001679180	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679182	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679181	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679189	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679183	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679184	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679185	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679186	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679179	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679188	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679232	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679231	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679229	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679187	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679170	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679192	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679241	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679240	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679239	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679238	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679237	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679236	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679172	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679234	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679178	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679228	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679171	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679173	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679174	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679175	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679233	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679176	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679177	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679235	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679204	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679212	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679211	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679210	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679227	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679190	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679230	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679243	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679242	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679191	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679208	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001679213	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679205	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679209	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679203	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679202	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679201	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679200	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679199	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679198	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679197	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679196	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679195	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679194	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679193	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679206	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679220	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679219	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679207	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679218	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679217	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679216	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679215	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679221	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679214	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679222	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679223	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679224	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679225	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679226	-	ARGON GAS	220	Cubic Feet(CF)	11-May-21
0001679244	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679251	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679247	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679248	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679255	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679249	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679256	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679250	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679254	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679253	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679252	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679246	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679245	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679257	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679289	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679287	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001679286	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679285	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679284	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679283	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679282	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679281	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679280	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679294	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679266	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679265	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679264	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679263	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679262	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679261	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679267	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679296	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679297	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679293	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679292	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679290	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679258	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679259	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679288	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679260	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679275	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679291	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679279	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679277	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679276	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679295	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679278	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679274	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679273	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679272	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679271	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679270	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679269	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679268	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	11-May-21
0001679298	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	11-May-21
0001679305	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	11-May-21
0001679309	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	11-May-21
0001679312	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	11-May-21
0001679308	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	11-May-21
0001679306	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	11-May-21
0001679307	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	11-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001679311	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	11-May-21
0001679310	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	11-May-21
0001679303	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	11-May-21
0001679302	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	11-May-21
0001679304	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	11-May-21
0001679299	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	11-May-21
0001679300	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	11-May-21
0001679301	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	11-May-21
0001679313	-	95% NITROGEN/5% HYDROGEN	220	Cubic Feet(CF)	11-May-21
0001679317	-	95% NITROGEN/5% HYDROGEN	220	Cubic Feet(CF)	11-May-21
0001679316	-	95% NITROGEN/5% HYDROGEN	220	Cubic Feet(CF)	11-May-21
0001679314	-	95% NITROGEN/5% HYDROGEN	220	Cubic Feet(CF)	11-May-21
0001679315	-	95% NITROGEN/5% HYDROGEN	220	Cubic Feet(CF)	11-May-21
0001679318	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	11-May-21
0001679327	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	11-May-21
0001679325	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	11-May-21
0001679324	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	11-May-21
0001679326	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	11-May-21
0001679328	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	11-May-21
0001679322	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	11-May-21
0001679321	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	11-May-21
0001679319	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	11-May-21
0001679329	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	11-May-21
0001679323	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	11-May-21
0001679331	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	11-May-21
0001679330	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	11-May-21
0001679320	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	11-May-21
0001679332	-	3% Oxygen/Bal. Nitrogen	20	Cubic Feet(CF)	11-May-21
0001679333	-	3% Oxygen/Bal. Nitrogen	20	Cubic Feet(CF)	11-May-21
0001679334	-	3% Oxygen/Bal. Nitrogen	20	Cubic Feet(CF)	11-May-21
0001679335	-	3% Oxygen/Bal. Nitrogen	20	Cubic Feet(CF)	11-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001679337	74-98-6	PROPANE	50	Cubic Feet(CF)	11-May-21
0001679339	74-98-6	PROPANE	50	Cubic Feet(CF)	11-May-21
0001679350	74-98-6	PROPANE	50	Cubic Feet(CF)	11-May-21
0001679347	74-98-6	PROPANE	50	Cubic Feet(CF)	11-May-21
0001679351	74-98-6	PROPANE	50	Cubic Feet(CF)	11-May-21
0001679352	74-98-6	PROPANE	50	Cubic Feet(CF)	11-May-21
0001679345	74-98-6	PROPANE	50	Cubic Feet(CF)	11-May-21
0001679349	74-98-6	PROPANE	50	Cubic Feet(CF)	11-May-21
0001679340	74-98-6	PROPANE	50	Cubic Feet(CF)	11-May-21
0001679346	74-98-6	PROPANE	50	Cubic Feet(CF)	11-May-21
0001679341	74-98-6	PROPANE	50	Cubic Feet(CF)	11-May-21
0001679342	74-98-6	PROPANE	50	Cubic Feet(CF)	11-May-21
0001679343	74-98-6	PROPANE	50	Cubic Feet(CF)	11-May-21
0001679344	74-98-6	PROPANE	50	Cubic Feet(CF)	11-May-21
0001679353	74-98-6	PROPANE	50	Cubic Feet(CF)	11-May-21
0001679338	74-98-6	PROPANE	50	Cubic Feet(CF)	11-May-21
0001679348	74-98-6	PROPANE	50	Cubic Feet(CF)	11-May-21
0001679354	630-08-0	CARBON MONOXIDE	2.3	Cubic Feet(CF)	11-May-21
0001590984	64-17-5	ETHYL ALCOHOL DENATURED HPLC	1	Gallon(GAL)	11-May-21
0001423808	-	FOAM SEALANT INSULATING	250	Milliliter(ML)	11-May-21
0001423809	-	FOAM SEALANT INSULATING	250	Milliliter(ML)	11-May-21
0001423811	-	FOAM SEALANT INSULATING	250	Milliliter(ML)	11-May-21
0001423810	-	FOAM SEALANT INSULATING	250	Milliliter(ML)	11-May-21
0001663211	-	ARATHANE 5753-A/B	100	Gram(GM)	11-May-21
0001662845	-	VERSAMID 125	500	Gram(GM)	11-May-21
0001662844	-	EPIKURE Curing Agent 3125	500	Milliliter(ML)	11-May-21
0001662839	-	ANCAMINE 1882	1	Quarts(QT)	11-May-21
0001662840	-	ANCAMINE 1942	1	Quarts(QT)	11-May-21
0001662841	68410-23-1	VERSAMID 140	500	Milliliter(ML)	11-May-21
0001662842	-	Cerium (III) chloride	5	Gram(GM)	11-May-21
0001662843	-	Cerium (III) chloride	5	Gram(GM)	11-May-21
0001663227	-	Cerium (III) chloride	5	Gram(GM)	11-May-21
0001663228	-	MicroCare Fiber Preparation Fluid	30	Ounces(OZ)	11-May-21
0001663220	-	POLYANILINE (EMERALDINE BASE)	5	Gram(GM)	11-May-21
0001663221	-	POLYANILINE (EMERALDINE BASE)	5	Gram(GM)	11-May-21
0001663209	-	POLYANILINE (EMERALDINE BASE)	5	Gram(GM)	11-May-21
0001663210	-	POLYANILINE (EMERALDINE BASE)	5	Gram(GM)	11-May-21
0001663219	1344-28-1	ALUMINUM OXIDE	500	Gram(GM)	11-May-21
0001663218	9003-53-6	POLYSTYRENE	500	Gram(GM)	11-May-21
0001663230	-	LIQUID SCINTILLATION COCKTAIL	20	Milliliter(ML)	11-May-21
0001663229	100403-12-1	P-47 Scintillator Powder	25	Gram(GM)	11-May-21
0001663182	88384-96-7	POLYAMIDE RESIN	50	Milliliter(ML)	11-May-21
0001663183	88384-96-7	POLYAMIDE RESIN	50	Milliliter(ML)	11-May-21
0001663185	88384-96-7	POLYAMIDE RESIN	50	Milliliter(ML)	11-May-21
0001663184	88384-96-7	POLYAMIDE RESIN	50	Milliliter(ML)	11-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001663192	-	DOW CORNING SYLGARD 186 SILICONE ELASTOMER	453	Gram(GM)	11-May-21
0001663191	-	SYLGARD 184 SILICONE ELASTOMER	3.6	Kilograms(KG)	11-May-21
0001663212	-	3140 RTV COATING	90	Milliliter(ML)	11-May-21
0001663203	-	ANCAMINE LO	1	Quarts(QT)	11-May-21
0001663202	-	WAYLUBE 68	50	Milliliter(ML)	11-May-21
0001663201	-	DOW CORNING 3-6559 CURE ACCELERATOR	454	Gram(GM)	11-May-21
0001663194	-	DOW CORNING 3-6559 CURE ACCELERATOR	454	Gram(GM)	11-May-21
0001663200	-	ANCAMINE LO	1	Quarts(QT)	11-May-21
0001663193	-	DOW CORNING SYLGARD 186 SILICONE ELASTOMER	1	Gallon(GAL)	11-May-21
0001663173	7664-93-9	SULFURIC ACID 4N	100	Milliliter(ML)	11-May-21
0001663174	-	N-DODECANE-D26	2500	Milliliter(ML)	11-May-21
0001663175	-	DS-108 SOLVENT	500	Gram(GM)	11-May-21
0001663176	63148-62-9	POLYDIEMTHYLSILOXANE (XEROX 1090 PRINTER FUSER LUBRICANT)	100	Gram(GM)	11-May-21
0001663164	10294-41-4	Cerium (III) Nitrate	100	Gram(GM)	11-May-21
0001663165	101-68-8	METHYLENE BISPHENYL ISOCYANATE	1	Gram(GM)	11-May-21
0001663166	15243-33-1	Triruthenium dodecacarbonyl 99%	1	Gram(GM)	11-May-21
0001663167	112-88-9	1-OCTADECENE	1	Liters(L)	11-May-21
0001662403	-	TETRAMETHOXYSILANE	500	Gram(GM)	11-May-21
0001662404	100-47-0	BENZONITRILE	1	Liters(L)	11-May-21
0001662412	-	Lead (II) Chloride	5	Gram(GM)	11-May-21
0001662413	-	LEAD (II) ACETATE TRIHYDRATE	25	Gram(GM)	11-May-21
0001662421	111-31-9	1-HEXANETHIOL	5	Milliliter(ML)	11-May-21
0001662422	-	TRUE-TEST X-O RUST 1267 PRIMER RED	5	Milliliter(ML)	11-May-21
0001662431	7550-45-0	TITANIUM TETRACHLORIDE	500	Gram(GM)	11-May-21
0001662430	1825-61-2	METHOXYTRIMETHYLSILANE 99%	500	Gram(GM)	11-May-21
0001679355	7727-37-9	NITROGEN GAS	20	Cubic Feet(CF)	12-May-21
0001679358	7727-37-9	NITROGEN GAS	20	Cubic Feet(CF)	12-May-21
0001679356	7727-37-9	NITROGEN GAS	20	Cubic Feet(CF)	12-May-21
0001679357	7727-37-9	NITROGEN GAS	20	Cubic Feet(CF)	12-May-21
0001679359	7727-37-9	NITROGEN GAS	20	Cubic Feet(CF)	12-May-21
0001679360	811-97-2	R-134A	30	Pounds(LB)	12-May-21
0001679361	811-97-2	R-134A	30	Pounds(LB)	12-May-21
0001679374	811-97-2	R-134A	30	Pounds(LB)	12-May-21
0001679363	811-97-2	R-134A	30	Pounds(LB)	12-May-21
0001679373	811-97-2	R-134A	30	Pounds(LB)	12-May-21
0001679377	811-97-2	R-134A	30	Pounds(LB)	12-May-21
0001679375	811-97-2	R-134A	30	Pounds(LB)	12-May-21
0001679376	811-97-2	R-134A	30	Pounds(LB)	12-May-21
0001679362	811-97-2	R-134A	30	Pounds(LB)	12-May-21
0001679364	811-97-2	R-134A	30	Pounds(LB)	12-May-21
0001679365	811-97-2	R-134A	30	Pounds(LB)	12-May-21
0001679366	811-97-2	R-134A	30	Pounds(LB)	12-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001679367	811-97-2	R-134A	30	Pounds(LB)	12-May-21
0001679369	811-97-2	R-134A	30	Pounds(LB)	12-May-21
0001679372	811-97-2	R-134A	30	Pounds(LB)	12-May-21
0001679378	811-97-2	R-134A	30	Pounds(LB)	12-May-21
0001679379	811-97-2	R-134A	30	Pounds(LB)	12-May-21
0001679370	811-97-2	R-134A	30	Pounds(LB)	12-May-21
0001679371	811-97-2	R-134A	30	Pounds(LB)	12-May-21
0001679368	811-97-2	R-134A	30	Pounds(LB)	12-May-21
0001679380	811-97-2	TETRAFLUOROETHANE	128	Pounds(LB)	12-May-21
0001679385	811-97-2	TETRAFLUOROETHANE	128	Pounds(LB)	12-May-21
0001679381	811-97-2	TETRAFLUOROETHANE	128	Pounds(LB)	12-May-21
0001679382	811-97-2	TETRAFLUOROETHANE	128	Pounds(LB)	12-May-21
0001679389	811-97-2	TETRAFLUOROETHANE	128	Pounds(LB)	12-May-21
0001679388	811-97-2	TETRAFLUOROETHANE	128	Pounds(LB)	12-May-21
0001679386	811-97-2	TETRAFLUOROETHANE	128	Pounds(LB)	12-May-21
0001679384	811-97-2	TETRAFLUOROETHANE	128	Pounds(LB)	12-May-21
0001679383	811-97-2	TETRAFLUOROETHANE	128	Pounds(LB)	12-May-21
0001679387	811-97-2	TETRAFLUOROETHANE	128	Pounds(LB)	12-May-21
V0000082A8	-	MOBIL 1 0W-40	1	Quarts(QT)	12-May-21
V0000082A5	-	MOBIL 1 0W-40	1	Quarts(QT)	12-May-21
V0000082A4	-	MOBIL 1 0W-40	1	Quarts(QT)	12-May-21
V0000082A3	-	MOBIL 1 0W-40	1	Quarts(QT)	12-May-21
V0000082A2	-	MOBIL 1 0W-40	1	Quarts(QT)	12-May-21
V0000082A7	-	MOBIL 1 0W-40	1	Quarts(QT)	12-May-21
V0000082A6	-	MOBIL 1 0W-40	1	Quarts(QT)	12-May-21
V0000082B4	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	12-May-21
V0000082AD	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	12-May-21
V0000082AC	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	12-May-21
V0000082B8	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	12-May-21
V0000082B7	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	12-May-21
V0000082B5	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	12-May-21
V0000082A9	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	12-May-21
V0000082B3	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	12-May-21
V0000082B1	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	12-May-21
V0000082B0	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	12-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V0000082AF	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	12-May-21
V0000082AE	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	12-May-21
V0000082AB	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	12-May-21
V0000082AA	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	12-May-21
V0000082B2	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	12-May-21
V0000082B6	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	12-May-21
V0000082B9	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082C0	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082BC	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082C1	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082BF	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082BE	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082BB	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082BD	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082BA	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082E6	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082E7	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082E8	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082E9	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082EA	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082EB	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082EC	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082DA	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082D8	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082D7	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082E5	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082D5	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082ED	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082D4	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082C2	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082D3	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082EE	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082EF	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082F0	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082F1	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082F2	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082F3	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082F4	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V0000082E3	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082D6	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082E0	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082C3	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082C4	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082C5	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082D9	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082E1	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082E4	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082DF	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082DE	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082C6	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082C7	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082C8	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082C9	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082CA	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082D1	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082E2	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082CB	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082D2	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082DB	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082DD	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082D0	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082CF	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082CE	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082CD	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082CC	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082DC	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082FC	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082FB	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V000008303	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082FD	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082FE	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082FF	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V000008300	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V000008301	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V000008302	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V000008304	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V000008305	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V000008306	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082F9	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082F7	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082F6	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082F5	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V0000082FA	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V0000082F8	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V00000830A	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	12-May-21
V00000830F	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	12-May-21
V000008308	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	12-May-21
V000008312	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	12-May-21
V000008311	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	12-May-21
V000008307	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	12-May-21
V000008310	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	12-May-21
V00000830E	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	12-May-21
V00000830D	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	12-May-21
V00000830C	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	12-May-21
V00000830B	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	12-May-21
V000008309	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	12-May-21
V00000831F	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	12-May-21
V000008318	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	12-May-21
V000008320	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	12-May-21
V00000831D	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	12-May-21
V00000831C	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	12-May-21
V00000831B	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	12-May-21
V000008319	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	12-May-21
V00000831E	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	12-May-21
V000008316	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	12-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000008315	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	12-May-21
V000008314	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	12-May-21
V000008313	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	12-May-21
V00000831A	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	12-May-21
V000008317	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	12-May-21
V000008322	-	Valvoline GM MULTIPURPOSE GREASE VV61510	10.1	Ounces(OZ)	12-May-21
V000008325	-	Valvoline GM MULTIPURPOSE GREASE VV61510	10.1	Ounces(OZ)	12-May-21
V000008323	-	Valvoline GM MULTIPURPOSE GREASE VV61510	10.1	Ounces(OZ)	12-May-21
V000008321	-	Valvoline GM MULTIPURPOSE GREASE VV61510	10.1	Ounces(OZ)	12-May-21
V000008324	-	Valvoline GM MULTIPURPOSE GREASE VV61510	10.1	Ounces(OZ)	12-May-21
0001615843	7664-39-3	HYDROFLUORIC ACID OPTIMA	500	Milliliter(ML)	12-May-21
0001615844	7664-39-3	HYDROFLUORIC ACID OPTIMA	500	Milliliter(ML)	12-May-21
0001615845	7664-39-3	HYDROFLUORIC ACID OPTIMA	500	Milliliter(ML)	12-May-21
V000008326	-	Mobil 1 5W-40	1	Quarts(QT)	12-May-21
V000008327	-	Mobil 1 5W-40	1	Quarts(QT)	12-May-21
V000008328	-	Mobil 1 5W-40	1	Quarts(QT)	12-May-21
V000008329	-	Mobil 1 5W-40	1	Quarts(QT)	12-May-21
V00000832A	-	Mobil 1 5W-40	1	Quarts(QT)	12-May-21
0001615846	-	Mercury plasma standard solution Specpure Hg 1000mg/ml	100	Milliliter(ML)	12-May-21
0001615847	141-78-6	ETHYL ACETATE	4	Liters(L)	12-May-21
V000008338	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-May-21
V00000832E	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-May-21
V00000832D	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-May-21
V00000832B	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-May-21
V000008350	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-May-21
V000008346	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-May-21
V000008347	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-May-21
V000008348	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-May-21
V000008349	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-May-21
V00000834A	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-May-21
V00000834B	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-May-21
V00000834C	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-May-21
V00000834D	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-May-21
V000008345	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V00000834F	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-May-21
V000008353	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-May-21
V000008351	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-May-21
V000008352	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-May-21
V00000832F	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-May-21
V000008354	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-May-21
V000008336	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-May-21
V000008356	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-May-21
V000008357	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-May-21
V000008358	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-May-21
V00000834E	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-May-21
V000008332	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-May-21
V000008355	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-May-21
V000008344	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-May-21
V000008331	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-May-21
V000008333	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-May-21
V000008334	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-May-21
V000008335	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-May-21
V00000832C	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-May-21
V000008337	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-May-21
V000008339	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-May-21
V000008341	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-May-21
V00000833B	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-May-21
V000008343	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-May-21
V00000833C	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-May-21
V00000833D	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-May-21
V00000833E	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-May-21
V00000833F	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-May-21
V000008340	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-May-21
V000008342	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-May-21
V000008330	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-May-21
V00000833A	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	12-May-21
V000008359	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V000008373	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V000008370	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V000008371	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V000008378	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V00000836E	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V000008372	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V00000836D	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V00000836F	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V000008374	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V000008375	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V000008377	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V000008379	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V00000836C	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V00000835E	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V00000837A	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V000008376	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V000008364	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V000008360	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V00000835A	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V00000835B	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V00000835C	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V00000835D	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V000008361	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V000008363	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V00000836B	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V000008365	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V000008366	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V000008367	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V000008368	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V000008369	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V00000836A	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V00000835F	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V000008362	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	12-May-21
V000008386	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V00000838E	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V00000838D	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V00000838C	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V00000838B	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V00000838A	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V000008389	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V00000839E	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V000008387	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V000008391	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V000008385	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V000008384	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V000008383	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V000008382	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V000008381	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V000008388	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V000008396	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V00000839D	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V00000839C	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V00000839B	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V00000839A	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V000008399	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V00000838F	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V000008397	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000008390	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V000008395	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V000008394	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V000008393	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V00000837B	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V000008392	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V00000837E	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V000008398	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V0000083AA	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V0000083B6	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V0000083B5	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V0000083B4	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V0000083B3	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V0000083B2	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V0000083B1	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V0000083B0	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V0000083AF	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V0000083AE	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V0000083AD	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V000008380	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V0000083AB	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V00000837F	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V0000083A9	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V0000083A0	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V00000837D	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V00000837C	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V0000083AC	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V00000839F	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V0000083A8	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V0000083A1	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V0000083A2	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V0000083A3	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V0000083A4	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V0000083A5	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V0000083A6	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V0000083A7	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	12-May-21
V0000083B7	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	12-May-21
V0000083B8	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	12-May-21
V0000083B9	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	12-May-21
V0000083BA	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	12-May-21
V0000083BB	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	12-May-21
0001423397	-	SHEETROCK LIGHTWEIGHT ALL PURPOSE JOINT COMPOUND	4.5	Gallon(GAL)	12-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001423398	-	SHEETROCK LIGHTWEIGHT ALL PURPOSE JOINT COMPOUND	4.5	Gallon(GAL)	12-May-21
V0000083D1	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-May-21
V0000083C3	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-May-21
V0000083CB	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-May-21
V0000083CA	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-May-21
V0000083C9	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-May-21
V0000083C8	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-May-21
V0000083C7	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-May-21
V0000083C6	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-May-21
V0000083D3	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-May-21
V0000083C4	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-May-21
V0000083CE	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-May-21
V0000083C2	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-May-21
V0000083C1	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-May-21
V0000083C0	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-May-21
V0000083BF	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-May-21
V0000083BE	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-May-21
V0000083BD	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-May-21
V0000083BC	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-May-21
V0000083C5	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-May-21
V0000083D6	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-May-21
V0000083DB	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-May-21
V0000083DA	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-May-21
V0000083D9	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-May-21
V0000083CC	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-May-21
V0000083D7	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-May-21
V0000083CD	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-May-21
V0000083D5	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-May-21
V0000083D4	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-May-21
V0000083D2	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-May-21
V0000083D0	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-May-21
V0000083CF	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-May-21
V0000083D8	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	12-May-21
0001628395	-	ANTIFREEZE/COOLANT	1	Gallon(GAL)	12-May-21
0001628397	-	ANTIFREEZE/COOLANT	1	Gallon(GAL)	12-May-21
0001628398	-	ANTIFREEZE/COOLANT	1	Gallon(GAL)	12-May-21
0001628396	-	ANTIFREEZE/COOLANT	1	Gallon(GAL)	12-May-21
0001628399	-	ANTIFREEZE/COOLANT	1	Gallon(GAL)	12-May-21
0001628400	-	Parts Plus Type F ATF	1	Quarts(QT)	12-May-21
0001628402	-	Parts Plus Type F ATF	1	Quarts(QT)	12-May-21
0001628406	-	Parts Plus Type F ATF	1	Quarts(QT)	12-May-21
0001628403	-	Parts Plus Type F ATF	1	Quarts(QT)	12-May-21
0001628404	-	Parts Plus Type F ATF	1	Quarts(QT)	12-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001628401	-	Parts Plus Type F ATF	1	Quarts(QT)	12-May-21
0001628405	-	Parts Plus Type F ATF	1	Quarts(QT)	12-May-21
0001628407	-	CHAIN AND CABLE FLUID	11	Ounces(OZ)	12-May-21
0001628408	-	CHAIN AND CABLE FLUID	11	Ounces(OZ)	12-May-21
0001628409	-	STARTING FLUID	10.7	Ounces(OZ)	12-May-21
0001628410	-	STARTING FLUID	10.7	Ounces(OZ)	12-May-21
0001628411	-	STARTING FLUID	10.7	Ounces(OZ)	12-May-21
0001628412	-	KRYLON COLORmaxx Gloss Black	12	Ounces(OZ)	12-May-21
0001628413	-	KRYLON COLORmaxx Gloss Black	12	Ounces(OZ)	12-May-21
0001628414	-	KRYLON COLORmaxx Gloss Black	12	Ounces(OZ)	12-May-21
0001628415	-	CRC BRAKLEEN BRAKE CLEANER	510	Gram(GM)	12-May-21
0001628416	-	CRC BRAKLEEN BRAKE CLEANER	510	Gram(GM)	12-May-21
0001628418	-	Motorcraft MERCON LV ATF	1	Quarts(QT)	12-May-21
0001628419	-	Motorcraft MERCON LV ATF	1	Quarts(QT)	12-May-21
0001628420	-	Motorcraft MERCON LV ATF	1	Quarts(QT)	12-May-21
0001628421	-	Motorcraft MERCON LV ATF	1	Quarts(QT)	12-May-21
0001628422	-	Motorcraft MERCON LV ATF	1	Quarts(QT)	12-May-21
0001628423	-	Motorcraft MERCON LV ATF	1	Quarts(QT)	12-May-21
0001628424	-	DOW CORNING(R) HIGH VACUUM GREASE	5.3	Ounces(OZ)	12-May-21
0001615848	-	Ethanol anhydrous denatured	4	Liters(L)	12-May-21
0001615849	-	Ethanol anhydrous denatured	4	Liters(L)	12-May-21
0001615850	7440-70-2	CALCIUM	10	Gram(GM)	12-May-21
0001615851	7440-70-2	CALCIUM	10	Gram(GM)	12-May-21
0001615852	10025-82-8	INDIUM(III) CHLORIDE	25	Gram(GM)	12-May-21
0001628455	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628457	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628474	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628465	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628456	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628477	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628463	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628478	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628479	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628480	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628481	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628476	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628458	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628482	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628459	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628462	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628473	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628461	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628475	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628460	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628471	-	Blue Def	2.5	Gallon(GAL)	12-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001628472	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628522	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628464	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628518	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628508	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628509	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628510	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628511	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628512	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628513	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628514	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628515	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628520	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628517	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628505	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628519	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628470	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628521	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628500	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628523	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628524	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628525	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628526	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628516	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628494	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628484	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628485	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628486	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628487	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628488	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628489	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628490	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628491	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628507	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628493	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628506	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628495	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628496	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628497	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628498	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628499	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628501	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628503	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628504	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628483	-	Blue Def	2.5	Gallon(GAL)	12-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001628492	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628468	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628467	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628466	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628469	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001628502	-	Blue Def	2.5	Gallon(GAL)	12-May-21
0001579357	-	KRYLON Industrial TOUGH COAT Acrylic Enamel Bright Red	12	Ounces(OZ)	12-May-21
0001579359	-	KRYLON Industrial TOUGH COAT Acrylic Enamel Bright Red	12	Ounces(OZ)	12-May-21
0001579360	-	KRYLON Industrial TOUGH COAT Acrylic Enamel Bright Red	12	Ounces(OZ)	12-May-21
0001579361	-	KRYLON Industrial TOUGH COAT Acrylic Enamel Bright Red	12	Ounces(OZ)	12-May-21
0001579362	-	KRYLON Industrial TOUGH COAT Acrylic Enamel Bright Red	12	Ounces(OZ)	12-May-21
0001579358	-	KRYLON Industrial TOUGH COAT Acrylic Enamel Bright Red	12	Ounces(OZ)	12-May-21
0001579340	-	Amerlock Sealer HRD	1	Gallon(GAL)	12-May-21
0001579345	-	Amerlock Sealer HRD	1	Gallon(GAL)	12-May-21
0001579349	-	Amerlock Sealer HRD	1	Gallon(GAL)	12-May-21
0001579348	-	Amerlock Sealer HRD	1	Gallon(GAL)	12-May-21
0001579346	-	Amerlock Sealer HRD	1	Gallon(GAL)	12-May-21
0001579344	-	Amerlock Sealer HRD	1	Gallon(GAL)	12-May-21
0001579343	-	Amerlock Sealer HRD	1	Gallon(GAL)	12-May-21
0001579342	-	Amerlock Sealer HRD	1	Gallon(GAL)	12-May-21
0001579341	-	Amerlock Sealer HRD	1	Gallon(GAL)	12-May-21
0001579347	-	Amerlock Sealer HRD	1	Gallon(GAL)	12-May-21
0001579350	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	12-May-21
0001579351	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	12-May-21
0001615853	4464-18-0	1 3 5-tris[Hydroxymethyl]benzene	5	Gram(GM)	12-May-21
0001579352	-	Avalon Premium 100% Acrylic Interior Flat W/B	5	Gallon(GAL)	12-May-21
0001579354	-	Avalon Premium 100% Acrylic Interior Flat W/B	5	Gallon(GAL)	12-May-21
0001579353	-	Avalon Premium 100% Acrylic Interior Flat W/B	5	Gallon(GAL)	12-May-21
0001579355	-	MOBIL SHC GEAR 460	5	Gallon(GAL)	12-May-21
0001579356	-	Zinsser BULLS EYE 1-2-3	5	Gallon(GAL)	12-May-21
0001615854	7697-37-2	NITRIC ACID	1	Liters(L)	12-May-21
0001700071	143-66-8	SODIUM TETRAPHENYLBORATE	25	Gram(GM)	12-May-21
0001700072	311-28-4	TETRABUTYLAMMONIUM IODIDE	25	Gram(GM)	12-May-21
0001700073	311-28-4	TETRABUTYLAMMONIUM IODIDE	25	Gram(GM)	12-May-21
0001700074	2206-26-0	ACETONITRILE D3	6	Milliliter(ML)	12-May-21
0001700075	2206-26-0	ACETONITRILE D3	6	Milliliter(ML)	12-May-21
0001700076	139092-78-7	TcTa	1	Gram(GM)	12-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001591010	-	ZEOCIN	1.25	Milliliter(ML)	12-May-21
0001613536	67-64-1	ACETONE	200	Liters(L)	12-May-21
0001613542	10028-22-5	FERRIC SULFATE 50%	55	Gallon(GAL)	12-May-21
0001700079	7664-39-3	HYDROFLUORIC ACID 48-51%	2.5	Liters(L)	12-May-21
0001700086	7664-39-3	HYDROFLUORIC ACID 48-51%	2.5	Liters(L)	12-May-21
0001700085	7664-39-3	HYDROFLUORIC ACID 48-51%	2.5	Liters(L)	12-May-21
0001700084	7664-39-3	HYDROFLUORIC ACID 48-51%	2.5	Liters(L)	12-May-21
0001700083	7664-39-3	HYDROFLUORIC ACID 48-51%	2.5	Liters(L)	12-May-21
0001700082	7664-39-3	HYDROFLUORIC ACID 48-51%	2.5	Liters(L)	12-May-21
0001700081	7664-39-3	HYDROFLUORIC ACID 48-51%	2.5	Liters(L)	12-May-21
0001700080	7664-39-3	HYDROFLUORIC ACID 48-51%	2.5	Liters(L)	12-May-21
0001700102	7664-39-3	HYDROFLUORIC ACID 48-51%	2.5	Liters(L)	12-May-21
0001700112	7664-39-3	HYDROFLUORIC ACID 48-51%	2.5	Liters(L)	12-May-21
0001700090	7664-39-3	HYDROFLUORIC ACID 48-51%	2.5	Liters(L)	12-May-21
0001700111	7664-39-3	HYDROFLUORIC ACID 48-51%	2.5	Liters(L)	12-May-21
0001700110	7664-39-3	HYDROFLUORIC ACID 48-51%	2.5	Liters(L)	12-May-21
0001700096	7664-39-3	HYDROFLUORIC ACID 48-51%	2.5	Liters(L)	12-May-21
0001700097	7664-39-3	HYDROFLUORIC ACID 48-51%	2.5	Liters(L)	12-May-21
0001700098	7664-39-3	HYDROFLUORIC ACID 48-51%	2.5	Liters(L)	12-May-21
0001700099	7664-39-3	HYDROFLUORIC ACID 48-51%	2.5	Liters(L)	12-May-21
0001700100	7664-39-3	HYDROFLUORIC ACID 48-51%	2.5	Liters(L)	12-May-21
0001700101	7664-39-3	HYDROFLUORIC ACID 48-51%	2.5	Liters(L)	12-May-21
0001700113	7664-39-3	HYDROFLUORIC ACID 48-51%	2.5	Liters(L)	12-May-21
0001700125	7664-39-3	HYDROFLUORIC ACID 48-51%	2.5	Liters(L)	12-May-21
0001700115	7664-39-3	HYDROFLUORIC ACID 48-51%	2.5	Liters(L)	12-May-21
0001700116	7664-39-3	HYDROFLUORIC ACID 48-51%	2.5	Liters(L)	12-May-21
0001700117	7664-39-3	HYDROFLUORIC ACID 48-51%	2.5	Liters(L)	12-May-21
0001700118	7664-39-3	HYDROFLUORIC ACID 48-51%	2.5	Liters(L)	12-May-21
0001700119	7664-39-3	HYDROFLUORIC ACID 48-51%	2.5	Liters(L)	12-May-21
0001700120	7664-39-3	HYDROFLUORIC ACID 48-51%	2.5	Liters(L)	12-May-21
0001700121	7664-39-3	HYDROFLUORIC ACID 48-51%	2.5	Liters(L)	12-May-21
0001700122	7664-39-3	HYDROFLUORIC ACID 48-51%	2.5	Liters(L)	12-May-21
0001700088	7664-39-3	HYDROFLUORIC ACID 48-51%	2.5	Liters(L)	12-May-21
0001700124	7664-39-3	HYDROFLUORIC ACID 48-51%	2.5	Liters(L)	12-May-21
0001700089	7664-39-3	HYDROFLUORIC ACID 48-51%	2.5	Liters(L)	12-May-21
0001700126	7664-39-3	HYDROFLUORIC ACID 48-51%	2.5	Liters(L)	12-May-21
0001700094	7664-39-3	HYDROFLUORIC ACID 48-51%	2.5	Liters(L)	12-May-21
0001700095	7664-39-3	HYDROFLUORIC ACID 48-51%	2.5	Liters(L)	12-May-21
0001700093	7664-39-3	HYDROFLUORIC ACID 48-51%	2.5	Liters(L)	12-May-21
0001700092	7664-39-3	HYDROFLUORIC ACID 48-51%	2.5	Liters(L)	12-May-21
0001700114	7664-39-3	HYDROFLUORIC ACID 48-51%	2.5	Liters(L)	12-May-21
0001700091	7664-39-3	HYDROFLUORIC ACID 48-51%	2.5	Liters(L)	12-May-21
0001700087	7664-39-3	HYDROFLUORIC ACID 48-51%	2.5	Liters(L)	12-May-21
0001700123	7664-39-3	HYDROFLUORIC ACID 48-51%	2.5	Liters(L)	12-May-21
0001700107	7664-39-3	HYDROFLUORIC ACID 48-51%	2.5	Liters(L)	12-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001700109	7664-39-3	HYDROFLUORIC ACID 48-51%	2.5	Liters(L)	12-May-21
0001700108	7664-39-3	HYDROFLUORIC ACID 48-51%	2.5	Liters(L)	12-May-21
0001700103	7664-39-3	HYDROFLUORIC ACID 48-51%	2.5	Liters(L)	12-May-21
0001700104	7664-39-3	HYDROFLUORIC ACID 48-51%	2.5	Liters(L)	12-May-21
0001700105	7664-39-3	HYDROFLUORIC ACID 48-51%	2.5	Liters(L)	12-May-21
0001700106	7664-39-3	HYDROFLUORIC ACID 48-51%	2.5	Liters(L)	12-May-21
0001700127	66-22-8	URACIL	50	Gram(GM)	12-May-21
0001700128	6153-56-6	OXALIC ACID DIHYDRATE	250	Gram(GM)	12-May-21
0001700129	7722-88-5	Sodium pyrophosphate tetrabasic	500	Gram(GM)	12-May-21
0001700131	-	PH ELECTRODE STORAGE SOLUTION	500	Milliliter(ML)	12-May-21
0001700132	-	PH ELECTRODE STORAGE SOLUTION	500	Milliliter(ML)	12-May-21
0001700133	5329-14-6	SULFAMIC ACID	100	Gram(GM)	12-May-21
0001700134	68-12-2	N N-DIMETHYLFORMAMIDE	2	Liters(L)	12-May-21
0001700135	68-12-2	N N-DIMETHYLFORMAMIDE	2	Liters(L)	12-May-21
0001700136	13746-66-2	POTASSIUM FERRICYANIDE	100	Gram(GM)	12-May-21
0001700137	7320-34-5	POTASSIUM PYROPHOSPHATE ANHYDROUS	1	Kilograms(KG)	12-May-21
0001700138	409-21-2	SILICON CARBIDE	2500	Gram(GM)	12-May-21
0001700139	940-71-6	PHOSPHONITRILIC CHLORIDE	100	Gram(GM)	12-May-21
0001700140	7429-90-5	ALUMINUM FOIL	1	Gram(GM)	12-May-21
0001700141	67-68-5	DIMETHYL SULFOXIDE	100	Milliliter(ML)	12-May-21
0001700142	7782-40-3	DIAMOND POWDER 20-30 MICRONS	50	Gram(GM)	12-May-21
0001700143	7782-40-3	DIAMOND POWDER 20-30 MICRONS	50	Gram(GM)	12-May-21
0001700144	811-98-3	METHANOL D4	50	Gram(GM)	12-May-21
0001700145	811-98-3	METHANOL D4	50	Gram(GM)	12-May-21
0001700146	19955-99-8	3-Vinylbenzaldehyde	5	Gram(GM)	12-May-21
0001700147	19955-99-8	3-Vinylbenzaldehyde	5	Gram(GM)	12-May-21
0001700148	19955-99-8	3-Vinylbenzaldehyde	5	Gram(GM)	12-May-21
0001700149	19955-99-8	3-Vinylbenzaldehyde	5	Gram(GM)	12-May-21
0001700150	7697-37-2	LANL-38 Custom Solution	500	Milliliter(ML)	12-May-21
0001700151	7697-37-2	LANL-38 Custom Solution	500	Milliliter(ML)	12-May-21
0001700152	-	LANL-39REV1	250	Milliliter(ML)	12-May-21
0001700155	-	LANL-39REV1	250	Milliliter(ML)	12-May-21
0001700154	-	LANL-39REV1	250	Milliliter(ML)	12-May-21
0001700153	-	LANL-39REV1	250	Milliliter(ML)	12-May-21
0001700156	-	LANL-39REV1	250	Milliliter(ML)	12-May-21
0001700158	-	LANL-39REV1	250	Milliliter(ML)	12-May-21
0001700159	-	LANL-39REV1	250	Milliliter(ML)	12-May-21
0001700160	-	LANL-39REV1	250	Milliliter(ML)	12-May-21
0001700161	-	LANL-39REV1	250	Milliliter(ML)	12-May-21
0001700163	-	LANL-39REV1	250	Milliliter(ML)	12-May-21
0001700157	-	LANL-39REV1	250	Milliliter(ML)	12-May-21
0001700162	-	LANL-39REV1	250	Milliliter(ML)	12-May-21
0001700164	-	LANL-47	250	Milliliter(ML)	12-May-21
0001700165	-	LANL-47	250	Milliliter(ML)	12-May-21
0001700077	58328-31-7	4 4'-Bis(carbazol-9-yl)biphenyl	1	Gram(GM)	12-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001700078	404001-42-9	2 2' 7 7'-Tetrakis[N-naphthalenyl (phenyl)-amino]-9 9-spirobifluorene	1	Gram(GM)	12-May-21
0001700130	-	Rust-Oleum Pro Qt 2PK Safety Yellow	32	Ounces(OZ)	12-May-21
0001700267	7697-37-2	NITRIC ACID	2.5	Liters(L)	12-May-21
0001700285	7697-37-2	NITRIC ACID	2.5	Liters(L)	12-May-21
0001700284	7697-37-2	NITRIC ACID	2.5	Liters(L)	12-May-21
0001700283	7697-37-2	NITRIC ACID	2.5	Liters(L)	12-May-21
0001700268	7697-37-2	NITRIC ACID	2.5	Liters(L)	12-May-21
0001700281	7697-37-2	NITRIC ACID	2.5	Liters(L)	12-May-21
0001700286	7697-37-2	NITRIC ACID	2.5	Liters(L)	12-May-21
0001700280	7697-37-2	NITRIC ACID	2.5	Liters(L)	12-May-21
0001700279	7697-37-2	NITRIC ACID	2.5	Liters(L)	12-May-21
0001700273	7697-37-2	NITRIC ACID	2.5	Liters(L)	12-May-21
0001700282	7697-37-2	NITRIC ACID	2.5	Liters(L)	12-May-21
0001700269	7697-37-2	NITRIC ACID	2.5	Liters(L)	12-May-21
0001700274	7697-37-2	NITRIC ACID	2.5	Liters(L)	12-May-21
0001700275	7697-37-2	NITRIC ACID	2.5	Liters(L)	12-May-21
0001700270	7697-37-2	NITRIC ACID	2.5	Liters(L)	12-May-21
0001700271	7697-37-2	NITRIC ACID	2.5	Liters(L)	12-May-21
0001700272	7697-37-2	NITRIC ACID	2.5	Liters(L)	12-May-21
0001700278	7697-37-2	NITRIC ACID	2.5	Liters(L)	12-May-21
0001700277	7697-37-2	NITRIC ACID	2.5	Liters(L)	12-May-21
0001700276	7697-37-2	NITRIC ACID	2.5	Liters(L)	12-May-21
0001700166	25103-87-1	POLY(1 4-BUTYLENE ADIPATE)	25	Gram(GM)	12-May-21
0001700168	25103-87-1	POLY(1 4-BUTYLENE ADIPATE)	25	Gram(GM)	12-May-21
0001700167	25103-87-1	POLY(1 4-BUTYLENE ADIPATE)	25	Gram(GM)	12-May-21
0001700169	144-62-7	OXALIC ACID	100	Gram(GM)	12-May-21
0001700172	144-62-7	OXALIC ACID	100	Gram(GM)	12-May-21
0001700170	144-62-7	OXALIC ACID	100	Gram(GM)	12-May-21
0001700171	144-62-7	OXALIC ACID	100	Gram(GM)	12-May-21
0001700181	121-44-8	TRIETHYLAMINE	1	Liters(L)	12-May-21
0001700182	121-44-8	TRIETHYLAMINE	1	Liters(L)	12-May-21
0001700197	1076-43-3	BENZENE D6	50	Gram(GM)	12-May-21
0001700200	1076-43-3	BENZENE D6	50	Gram(GM)	12-May-21
0001700198	1076-43-3	BENZENE D6	50	Gram(GM)	12-May-21
0001700199	1076-43-3	BENZENE D6	50	Gram(GM)	12-May-21
0001700191	75-05-8	ACETONITRILE ANHYDROUS	1	Liters(L)	12-May-21
0001700192	75-05-8	ACETONITRILE ANHYDROUS	1	Liters(L)	12-May-21
0001700208	-	OBJET VEROBLACKPLUS RGD875	3.6	Kilograms(KG)	12-May-21
0001700209	-	OBJET VEROBLACKPLUS RGD875	3.6	Kilograms(KG)	12-May-21
0001700210	-	FULLCURE 835 VEROWHITE PLUS MODEL RESIN	1	Kilograms(KG)	12-May-21
0001423399	-	FS-ONE MAX Firestop intumescent sealant	10.1	Ounces(OZ)	13-May-21
0001423402	-	FS-ONE MAX Firestop intumescent sealant	10.1	Ounces(OZ)	13-May-21
0001423400	-	FS-ONE MAX Firestop intumescent sealant	10.1	Ounces(OZ)	13-May-21
0001423401	-	FS-ONE MAX Firestop intumescent sealant	10.1	Ounces(OZ)	13-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001458134	-	GEAR OIL	1	Gallon(GAL)	13-May-21
0001436551	-	NOKORODE REGULAR PASTE FLUX	1.7	Ounces(OZ)	13-May-21
0001436552	-	NOKORODE REGULAR PASTE FLUX	1.7	Ounces(OZ)	13-May-21
0001590988	64-17-5	ALCOHOL USP ETHYL ALCOHOL 190 PROOF PUNCTILIOUS(R)	1	Gallon(GAL)	13-May-21
0001663138	-	THREE BOND 3046B UV CURING ADHESIVE	250	Gram(GM)	13-May-21
0001663147	-	ADHESIVE KIT	0.5	Pint(PT)	13-May-21
0001663156	-	ADHESIVE KIT	0.5	Pint(PT)	13-May-21
0001662397	-	SILVER PASTE	50	Gram(GM)	13-May-21
0001662411	-	RBS 35 CONCENTRATE	1	Quarts(QT)	13-May-21
0001662398	-	Urethane acrylate methacrylate resin	10	Milliliter(ML)	13-May-21
0001662401	-	Urethane acrylate methacrylate resin	10	Milliliter(ML)	13-May-21
0001662400	-	Urethane acrylate methacrylate resin	10	Milliliter(ML)	13-May-21
0001662399	-	Urethane acrylate methacrylate resin	10	Milliliter(ML)	13-May-21
0001662417	-	CLEANING SOLUTION CONCENTRATE	1	Kilograms(KG)	13-May-21
0001662402	-	LOCTITE CAT 9	16	Ounces(OZ)	13-May-21
0001662406	-	LOCTITE ADHESIVE	1	Quarts(QT)	13-May-21
0001663092	-	3140 RTV COATING	3	Ounces(OZ)	13-May-21
0001662407	-	DIAMOND COMPOUND 6U	50	Gram(GM)	13-May-21
0001663101	-	HIGH VACUUM GREASE	5.3	Ounces(OZ)	13-May-21
0001662408	-	DIAMOND COMPOUND 1U	50	Gram(GM)	13-May-21
0001662409	-	DOW CORNING(R) HIGH VACUUM GREASE	5.3	Ounces(OZ)	13-May-21
0001663110	-	Threebond UV Curing Resin 3046B	250	Gram(GM)	13-May-21
0001662410	-	SILICONE SEALANT	10.1	Ounces(OZ)	13-May-21
0001662415	-	2-PROPANOL	50	Milliliter(ML)	13-May-21
0001662416	-	2-PROPANOL	50	Milliliter(ML)	13-May-21
0001662420	-	732 SEALANT	4.7	Ounces(OZ)	13-May-21
0001662432	-	Threebond UV Curing Resin 3046B	250	Gram(GM)	13-May-21
0001662423	-	VACUUM PUMP OIL	1	Gallon(GAL)	13-May-21
0001700173	12064-62-9	GADOLINIUM OXIDE	1	Gram(GM)	13-May-21
0001700174	1314-35-8	TUNGSTEN(VI) OXIDE	1	Gram(GM)	13-May-21
0001700175	-	Polymer Microsphere Suspension	15	Milliliter(ML)	13-May-21
0001700176	14808-60-7	QUARTZ	10	Gram(GM)	13-May-21
0001700177	-	ETHANOL DEHYDRATED	1	Gallon(GAL)	13-May-21
0001436561	-	M-1 STRUCTURAL ADHESIVE	10.1	Ounces(OZ)	13-May-21
0001700180	13465-77-5	HEXACHLORODISILANE	25	Gram(GM)	13-May-21
0001700183	75-09-2	DICHLOROMETHANE	4	Liters(L)	13-May-21
0001436597	-	M-1 STRUCTURAL ADHESIVE	10.1	Ounces(OZ)	13-May-21
0001436570	-	M-1 STRUCTURAL ADHESIVE	10.1	Ounces(OZ)	13-May-21
0001436583	-	M-1 STRUCTURAL ADHESIVE	10.1	Ounces(OZ)	13-May-21
0001436586	-	M-1 STRUCTURAL ADHESIVE	10.1	Ounces(OZ)	13-May-21
0001436585	-	M-1 STRUCTURAL ADHESIVE	10.1	Ounces(OZ)	13-May-21
0001436592	-	M-1 STRUCTURAL ADHESIVE	10.1	Ounces(OZ)	13-May-21
0001436584	-	M-1 STRUCTURAL ADHESIVE	10.1	Ounces(OZ)	13-May-21
0001436608	-	M-1 STRUCTURAL ADHESIVE	10.1	Ounces(OZ)	13-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001436593	-	M-1 STRUCTURAL ADHESIVE	10.1	Ounces(OZ)	13-May-21
0001436607	-	M-1 STRUCTURAL ADHESIVE	10.1	Ounces(OZ)	13-May-21
0001436594	-	M-1 STRUCTURAL ADHESIVE	10.1	Ounces(OZ)	13-May-21
0001436580	-	M-1 STRUCTURAL ADHESIVE	10.1	Ounces(OZ)	13-May-21
0001436596	-	M-1 STRUCTURAL ADHESIVE	10.1	Ounces(OZ)	13-May-21
0001436598	-	M-1 STRUCTURAL ADHESIVE	10.1	Ounces(OZ)	13-May-21
0001436599	-	M-1 STRUCTURAL ADHESIVE	10.1	Ounces(OZ)	13-May-21
0001436600	-	M-1 STRUCTURAL ADHESIVE	10.1	Ounces(OZ)	13-May-21
0001436601	-	M-1 STRUCTURAL ADHESIVE	10.1	Ounces(OZ)	13-May-21
0001436602	-	M-1 STRUCTURAL ADHESIVE	10.1	Ounces(OZ)	13-May-21
0001436603	-	M-1 STRUCTURAL ADHESIVE	10.1	Ounces(OZ)	13-May-21
0001436604	-	M-1 STRUCTURAL ADHESIVE	10.1	Ounces(OZ)	13-May-21
0001436605	-	M-1 STRUCTURAL ADHESIVE	10.1	Ounces(OZ)	13-May-21
0001436595	-	M-1 STRUCTURAL ADHESIVE	10.1	Ounces(OZ)	13-May-21
0001436573	-	M-1 STRUCTURAL ADHESIVE	10.1	Ounces(OZ)	13-May-21
0001436591	-	M-1 STRUCTURAL ADHESIVE	10.1	Ounces(OZ)	13-May-21
0001436562	-	M-1 STRUCTURAL ADHESIVE	10.1	Ounces(OZ)	13-May-21
0001436563	-	M-1 STRUCTURAL ADHESIVE	10.1	Ounces(OZ)	13-May-21
0001436564	-	M-1 STRUCTURAL ADHESIVE	10.1	Ounces(OZ)	13-May-21
0001436565	-	M-1 STRUCTURAL ADHESIVE	10.1	Ounces(OZ)	13-May-21
0001436577	-	M-1 STRUCTURAL ADHESIVE	10.1	Ounces(OZ)	13-May-21
0001436566	-	M-1 STRUCTURAL ADHESIVE	10.1	Ounces(OZ)	13-May-21
0001436576	-	M-1 STRUCTURAL ADHESIVE	10.1	Ounces(OZ)	13-May-21
0001436567	-	M-1 STRUCTURAL ADHESIVE	10.1	Ounces(OZ)	13-May-21
0001436575	-	M-1 STRUCTURAL ADHESIVE	10.1	Ounces(OZ)	13-May-21
0001436574	-	M-1 STRUCTURAL ADHESIVE	10.1	Ounces(OZ)	13-May-21
0001436579	-	M-1 STRUCTURAL ADHESIVE	10.1	Ounces(OZ)	13-May-21
0001436589	-	M-1 STRUCTURAL ADHESIVE	10.1	Ounces(OZ)	13-May-21
0001436587	-	M-1 STRUCTURAL ADHESIVE	10.1	Ounces(OZ)	13-May-21
0001436568	-	M-1 STRUCTURAL ADHESIVE	10.1	Ounces(OZ)	13-May-21
0001436572	-	M-1 STRUCTURAL ADHESIVE	10.1	Ounces(OZ)	13-May-21
0001436571	-	M-1 STRUCTURAL ADHESIVE	10.1	Ounces(OZ)	13-May-21
0001436582	-	M-1 STRUCTURAL ADHESIVE	10.1	Ounces(OZ)	13-May-21
0001436581	-	M-1 STRUCTURAL ADHESIVE	10.1	Ounces(OZ)	13-May-21
0001436569	-	M-1 STRUCTURAL ADHESIVE	10.1	Ounces(OZ)	13-May-21
0001436588	-	M-1 STRUCTURAL ADHESIVE	10.1	Ounces(OZ)	13-May-21
0001436606	-	M-1 STRUCTURAL ADHESIVE	10.1	Ounces(OZ)	13-May-21
0001436578	-	M-1 STRUCTURAL ADHESIVE	10.1	Ounces(OZ)	13-May-21
0001436590	-	M-1 STRUCTURAL ADHESIVE	10.1	Ounces(OZ)	13-May-21
0001700184	-	MOPS 10X Liquid Concentrate Nuclease-Free	100	Milliliter(ML)	13-May-21
0001700185	75980-60-8	Diphenyl(2 4 6-trimethylbenzoyl)phosphine oxide	10	Gram(GM)	13-May-21
0001700186	10312-55-7	2-AMINOTEREPHTHALIC ACID	25	Gram(GM)	13-May-21
0001700187	162881-26-7	Phenylbis(2 4 6-trimethylbenzoyl)phosphine oxide	10	Gram(GM)	13-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001700188	141-43-5	ETHANOLAMINE	100	Milliliter(ML)	13-May-21
0001700189	67-56-1	METHANOL ANHYDROUS	1	Liters(L)	13-May-21
0001700193	107-15-3	ETHYLENEDIAMINE 99+%	100	Milliliter(ML)	13-May-21
0001700194	-	MOLY DRY FILM LUBRICANT	1.3	Pounds(LB)	13-May-21
0001700190	111-65-9	OCTANE (OCTANE ANHYDROUS)	1	Liters(L)	13-May-21
0001646754	-	Durablend	1000	Milliliter(ML)	13-May-21
0001646755	-	Durablend	1000	Milliliter(ML)	13-May-21
0001646756	-	Durablend	1000	Milliliter(ML)	13-May-21
0001700196	2032-35-1	BROMOACETALDEHYDE DIETHYL ACETUL	100	Gram(GM)	13-May-21
0001700201	10361-79-2	PRASEODYMIUM(III) CHLORIDE	5	Gram(GM)	13-May-21
0001700203	-	OBJET VEROCLEAR RGD810	3.6	Kilograms(KG)	13-May-21
0001700204	-	OBJET VEROBLUE RGD840	3.6	Kilograms(KG)	13-May-21
0001646892	-	HNO3 PRESERVATION KIT FOR 1000 ML CONTAINER	100	Milliliter(ML)	13-May-21
0001646891	-	HNO3 PRESERVATION KIT FOR 1000 ML CONTAINER	100	Milliliter(ML)	13-May-21
0001700207	-	OBJET SUPPORT SUP705	3.6	Kilograms(KG)	13-May-21
0001700179	-	Buffer AVL	0.5	Gram(GM)	13-May-21
0001700205	-	OBJET SUPPORT SUP705	3.6	Kilograms(KG)	13-May-21
0001700206	-	OBJET SUPPORT SUP705	3.6	Kilograms(KG)	13-May-21
0001700195	146368-16-3	Cy 3 mono-Reactive Dye Pack	30	NMOL	13-May-21
0001663119	-	THREE BOND 3046B UV CURING ADHESIVE	250	Gram(GM)	13-May-21
0001700202	943-14-6	2-Bromo-5-nitrobenzoic acid	5	Gram(GM)	13-May-21
0001646864	-	Hydrochloric Acid	40	Milliliter(ML)	13-May-21
0001700216	64742-55-8	Parabar 10312	5	Milliliter(ML)	14-May-21
0001700217	64742-55-8	Parabar 10312	5	Milliliter(ML)	14-May-21
0001700218	64742-55-8	Parabar 10312	5	Milliliter(ML)	14-May-21
0001700219	64742-55-8	Parabar 10312	5	Milliliter(ML)	14-May-21
0001700220	-	CS Resin AMP PAN	50	Gram(GM)	14-May-21
0001700221	7758-02-3	POTASSIUM BROMIDE	25	Gram(GM)	14-May-21
0001700222	196929-78-9	(R)-(+)-2-METHYL-2-PROPANESULFINAMIDE	1	Gram(GM)	14-May-21
0001700211	-	Fluorometric Hydrogen Peroxide Assay Kit	1	Milliliter(ML)	14-May-21
0001700212	-	Fluorometric Hydrogen Peroxide Assay Kit	1	Milliliter(ML)	14-May-21
0001700213	-	Lactate Dehydrogenase Activity Assay Kit	1	Milliliter(ML)	14-May-21
0001700214	-	Lactate Dehydrogenase Activity Assay Kit	1	Milliliter(ML)	14-May-21
0001700215	-	Lactate Dehydrogenase Activity Assay Kit	1	Milliliter(ML)	14-May-21
0001700223	343338-28-3	(S)-(-)-2-METHYL-2-PROPANESULFINAMIDE	1	Gram(GM)	14-May-21
0001662418	-	Dymax 713-Gel	160	Milliliter(ML)	14-May-21
0001662419	-	Dymax 713-Gel	160	Milliliter(ML)	14-May-21
0001579363	-	888-7214 COLORTREND PHTHALO BLUE E	32	Ounces(OZ)	14-May-21
0001579364	-	888-7214 COLORTREND PHTHALO BLUE E	32	Ounces(OZ)	14-May-21
0001579365	-	RAW UMBER COLORANT	32	Ounces(OZ)	14-May-21
0001579366	-	RAW UMBER COLORANT	32	Ounces(OZ)	14-May-21
0001579367	-	808-1045 COLORTREND F RED OXIDE	32	Ounces(OZ)	14-May-21
0001579368	-	808-1045 COLORTREND F RED OXIDE	32	Ounces(OZ)	14-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001700224	1330-20-7	XYLENES	4	Liters(L)	14-May-21
0001579369	-	808-1810 COLORTREND C YELLOW OXIDE	32	Ounces(OZ)	14-May-21
0001700225	1078-97-3	1 4-Phenylenebis(chlorodimethylsilane)	5	Gram(GM)	14-May-21
0001579370	-	808-1810 COLORTREND C YELLOW OXIDE	32	Ounces(OZ)	14-May-21
0001700226	67874-43-5	PAMAM dendrimer ethylenediamine core	1	Gram(GM)	14-May-21
0001700227	1633-78-9	6-MERCAPTO-1-HEXANOL	25	Milliliter(ML)	14-May-21
0001700228	70-49-5	DL-MERCAPTOSUCCINIC ACID	25	Gram(GM)	14-May-21
V0000083E3	-	888-1572 COLORTREND BROWN OXIDE	32	Ounces(OZ)	14-May-21
V0000083E2	-	888-1572 COLORTREND BROWN OXIDE	32	Ounces(OZ)	14-May-21
0001700229	75-21-8	ETHYLENE OXIDE	227	Gram(GM)	14-May-21
0001700230	-	Hydrochloric Acid	1	Liters(L)	14-May-21
0001579371	-	COLORTREND LAMP BLACK (888-9907)	32	Ounces(OZ)	14-May-21
0001700231	-	Hydrochloric Acid	1	Liters(L)	14-May-21
0001700232	-	Hydrochloric Acid	1	Liters(L)	14-May-21
0001579373	-	COLORTREND LAMP BLACK (888-9907)	32	Ounces(OZ)	14-May-21
0001700233	10138-52-0	GADOLINIUM(III) CHLORIDE ANHYDROUS	5	Gram(GM)	14-May-21
0001700234	13528-93-3	1 2-ETHANEDIYLBISCHLORODIMETHYLSILANE	25	Gram(GM)	14-May-21
0001700235	5350-57-2	BENZOPHENONE HYDRAZONE	100	Gram(GM)	14-May-21
V0000083E5	-	877-5513 COLORTREND PHTHALO GREEN	32	Ounces(OZ)	14-May-21
V0000083E4	-	877-5513 COLORTREND PHTHALO GREEN	32	Ounces(OZ)	14-May-21
0001700236	7732-18-5	WATER HPLC GRADE	1	Liters(L)	14-May-21
V0000083E8	-	888-2551 COLORTREND ORGANIC YELLOW AXX	1	Liters(L)	14-May-21
V0000083E7	-	888-2551 COLORTREND ORGANIC YELLOW AXX	1	Liters(L)	14-May-21
V0000083E6	-	888-2551 COLORTREND ORGANIC YELLOW AXX	1	Liters(L)	14-May-21
0001579374	-	COLORTREND ORGANIC RED (888-0836)	1	Liters(L)	14-May-21
0001579375	-	COLORTREND ORGANIC RED (888-0836)	1	Liters(L)	14-May-21
0001147004	-	DOUBLE BUBBLE EPOXY	3.5	Gram(GM)	14-May-21
0001147003	-	DOUBLE BUBBLE EPOXY	3.5	Gram(GM)	14-May-21
0001579378	-	808-0020 TITANIUM WHITE	32	Ounces(OZ)	14-May-21
0001579379	-	808-0020 TITANIUM WHITE	32	Ounces(OZ)	14-May-21
0001579376	-	ACE COLORANT T MEDIUM YELLOW	32	Ounces(OZ)	14-May-21
0001579377	-	ACE COLORANT T MEDIUM YELLOW	32	Ounces(OZ)	14-May-21
V0000083FC	-	SASHCO BIG STRETCH SEALER	10.5	Ounces(OZ)	14-May-21
V0000083F4	-	SASHCO BIG STRETCH SEALER	10.5	Ounces(OZ)	14-May-21
V0000083E9	-	SASHCO BIG STRETCH SEALER	10.5	Ounces(OZ)	14-May-21
V0000083EA	-	SASHCO BIG STRETCH SEALER	10.5	Ounces(OZ)	14-May-21
V0000083EB	-	SASHCO BIG STRETCH SEALER	10.5	Ounces(OZ)	14-May-21
V0000083EC	-	SASHCO BIG STRETCH SEALER	10.5	Ounces(OZ)	14-May-21
V0000083ED	-	SASHCO BIG STRETCH SEALER	10.5	Ounces(OZ)	14-May-21
V0000083EE	-	SASHCO BIG STRETCH SEALER	10.5	Ounces(OZ)	14-May-21
V0000083EF	-	SASHCO BIG STRETCH SEALER	10.5	Ounces(OZ)	14-May-21
V0000083F0	-	SASHCO BIG STRETCH SEALER	10.5	Ounces(OZ)	14-May-21
V0000083F1	-	SASHCO BIG STRETCH SEALER	10.5	Ounces(OZ)	14-May-21
V0000083FE	-	SASHCO BIG STRETCH SEALER	10.5	Ounces(OZ)	14-May-21
V0000083F3	-	SASHCO BIG STRETCH SEALER	10.5	Ounces(OZ)	14-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000008400	-	SASHCO BIG STRETCH SEALER	10.5	Ounces(OZ)	14-May-21
V0000083F5	-	SASHCO BIG STRETCH SEALER	10.5	Ounces(OZ)	14-May-21
V0000083F6	-	SASHCO BIG STRETCH SEALER	10.5	Ounces(OZ)	14-May-21
V0000083F7	-	SASHCO BIG STRETCH SEALER	10.5	Ounces(OZ)	14-May-21
V0000083F8	-	SASHCO BIG STRETCH SEALER	10.5	Ounces(OZ)	14-May-21
V0000083F9	-	SASHCO BIG STRETCH SEALER	10.5	Ounces(OZ)	14-May-21
V0000083FA	-	SASHCO BIG STRETCH SEALER	10.5	Ounces(OZ)	14-May-21
V0000083FB	-	SASHCO BIG STRETCH SEALER	10.5	Ounces(OZ)	14-May-21
V0000083FD	-	SASHCO BIG STRETCH SEALER	10.5	Ounces(OZ)	14-May-21
V0000083FF	-	SASHCO BIG STRETCH SEALER	10.5	Ounces(OZ)	14-May-21
V0000083F2	-	SASHCO BIG STRETCH SEALER	10.5	Ounces(OZ)	14-May-21
0001579495	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	14-May-21
0001579497	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	14-May-21
0001579496	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	14-May-21
0001579498	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	14-May-21
0001579499	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	14-May-21
0001579501	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	14-May-21
0001579500	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	14-May-21
0123456789	-	DYNATRON/BONDO CORP. GRAY SPRAY PAINT	12	Ounces(OZ)	14-May-21
0001579380	-	Suniso 3GS Refrigeration Oil	1	Gallon(GAL)	17-May-21
0001579381	-	Suniso 3GS Refrigeration Oil	1	Gallon(GAL)	17-May-21
0001579382	-	3M SUPER 77 SPRAY ADHESIVE	16.75	Ounces(OZ)	17-May-21
0001579384	-	3M SUPER 77 SPRAY ADHESIVE	16.75	Ounces(OZ)	17-May-21
0001579385	-	3M SUPER 77 SPRAY ADHESIVE	16.75	Ounces(OZ)	17-May-21
0001579386	-	3M SUPER 77 SPRAY ADHESIVE	16.75	Ounces(OZ)	17-May-21
0001579383	-	3M SUPER 77 SPRAY ADHESIVE	16.75	Ounces(OZ)	17-May-21
V000008410	-	Lubriplate No. 100/105/107/110/115	10	Ounces(OZ)	17-May-21
V00000840B	-	Lubriplate No. 100/105/107/110/115	10	Ounces(OZ)	17-May-21
V000008413	-	Lubriplate No. 100/105/107/110/115	10	Ounces(OZ)	17-May-21
V000008411	-	Lubriplate No. 100/105/107/110/115	10	Ounces(OZ)	17-May-21
V00000840F	-	Lubriplate No. 100/105/107/110/115	10	Ounces(OZ)	17-May-21
V00000840E	-	Lubriplate No. 100/105/107/110/115	10	Ounces(OZ)	17-May-21
V00000840D	-	Lubriplate No. 100/105/107/110/115	10	Ounces(OZ)	17-May-21
V00000840C	-	Lubriplate No. 100/105/107/110/115	10	Ounces(OZ)	17-May-21
V00000840A	-	Lubriplate No. 100/105/107/110/115	10	Ounces(OZ)	17-May-21
V000008412	-	Lubriplate No. 100/105/107/110/115	10	Ounces(OZ)	17-May-21
V000008414	-	PROSEAL PROSEAL SPRAY FIBERSEAL	1	Gallon(GAL)	17-May-21
V00000841F	-	PROSEAL PROSEAL SPRAY FIBERSEAL	1	Gallon(GAL)	17-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V00000841E	-	PROSEAL PROSEAL SPRAY FIBERSEAL	1	Gallon(GAL)	17-May-21
V00000841D	-	PROSEAL PROSEAL SPRAY FIBERSEAL	1	Gallon(GAL)	17-May-21
V00000841C	-	PROSEAL PROSEAL SPRAY FIBERSEAL	1	Gallon(GAL)	17-May-21
V00000841B	-	PROSEAL PROSEAL SPRAY FIBERSEAL	1	Gallon(GAL)	17-May-21
V00000841A	-	PROSEAL PROSEAL SPRAY FIBERSEAL	1	Gallon(GAL)	17-May-21
V000008419	-	PROSEAL PROSEAL SPRAY FIBERSEAL	1	Gallon(GAL)	17-May-21
V000008418	-	PROSEAL PROSEAL SPRAY FIBERSEAL	1	Gallon(GAL)	17-May-21
V000008417	-	PROSEAL PROSEAL SPRAY FIBERSEAL	1	Gallon(GAL)	17-May-21
V000008415	-	PROSEAL PROSEAL SPRAY FIBERSEAL	1	Gallon(GAL)	17-May-21
V000008416	-	PROSEAL PROSEAL SPRAY FIBERSEAL	1	Gallon(GAL)	17-May-21
0001579387	-	Zinsser BULLS EYE 1-2-3	5	Gallon(GAL)	17-May-21
0001579390	-	Zinsser BULLS EYE 1-2-3	5	Gallon(GAL)	17-May-21
0001579388	-	Zinsser BULLS EYE 1-2-3	5	Gallon(GAL)	17-May-21
0001579389	-	Zinsser BULLS EYE 1-2-3	5	Gallon(GAL)	17-May-21
0001579395	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	17-May-21
0001579398	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	17-May-21
0001579399	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	17-May-21
0001579397	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	17-May-21
0001579396	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	17-May-21
0001579402	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	17-May-21
0001579403	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	17-May-21
0001579400	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	17-May-21
0001579401	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	17-May-21
0001628425	-	VERSACHEM SUPER CLEAR SILICONE	10.3	Ounces(OZ)	17-May-21
0001628426	-	VERSACHEM SUPER CLEAR SILICONE	10.3	Ounces(OZ)	17-May-21
0001628427	-	VERSACHEM SUPER CLEAR SILICONE	10.3	Ounces(OZ)	17-May-21
0001628428	-	VERSACHEM SUPER CLEAR SILICONE	10.3	Ounces(OZ)	17-May-21
0001628429	-	VERSACHEM SUPER CLEAR SILICONE	10.3	Ounces(OZ)	17-May-21
0001628430	-	VERSACHEM SUPER CLEAR SILICONE	10.3	Ounces(OZ)	17-May-21
0001579404	-	CAT HYDO ADVANCED 10 HYDRAULIC OIL	5	Gallon(GAL)	17-May-21
0001579405	-	CAT HYDO ADVANCED 10 HYDRAULIC OIL	5	Gallon(GAL)	17-May-21
0001579406	-	CAT HYDO ADVANCED 10 HYDRAULIC OIL	5	Gallon(GAL)	17-May-21
0001641487	-	LUBRICANT SPRAY (PETROLEUM DISTILLATE) (AEROKROIL)	10	Ounces(OZ)	17-May-21
0001579407	-	HY-GARD TRANSMISSION AND	5	Gallon(GAL)	17-May-21
0001579408	-	HY-GARD TRANSMISSION AND	5	Gallon(GAL)	17-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001641498	-	LUBRICANT SPRAY (PETROLEUM DISTILLATE) (AEROKROIL)	10	Ounces(OZ)	17-May-21
0001641499	-	LUBRICANT SPRAY (PETROLEUM DISTILLATE) (AEROKROIL)	10	Ounces(OZ)	17-May-21
0001641496	-	LUBRICANT SPRAY (PETROLEUM DISTILLATE) (AEROKROIL)	10	Ounces(OZ)	17-May-21
0001641495	-	LUBRICANT SPRAY (PETROLEUM DISTILLATE) (AEROKROIL)	10	Ounces(OZ)	17-May-21
0001641503	-	LUBRICANT SPRAY (PETROLEUM DISTILLATE) (AEROKROIL)	10	Ounces(OZ)	17-May-21
0001641497	-	LUBRICANT SPRAY (PETROLEUM DISTILLATE) (AEROKROIL)	10	Ounces(OZ)	17-May-21
0001641509	-	LUBRICANT SPRAY (PETROLEUM DISTILLATE) (AEROKROIL)	10	Ounces(OZ)	17-May-21
0001641488	-	LUBRICANT SPRAY (PETROLEUM DISTILLATE) (AEROKROIL)	10	Ounces(OZ)	17-May-21
0001641489	-	LUBRICANT SPRAY (PETROLEUM DISTILLATE) (AEROKROIL)	10	Ounces(OZ)	17-May-21
0001641490	-	LUBRICANT SPRAY (PETROLEUM DISTILLATE) (AEROKROIL)	10	Ounces(OZ)	17-May-21
0001641491	-	LUBRICANT SPRAY (PETROLEUM DISTILLATE) (AEROKROIL)	10	Ounces(OZ)	17-May-21
0001641510	-	LUBRICANT SPRAY (PETROLEUM DISTILLATE) (AEROKROIL)	10	Ounces(OZ)	17-May-21
0001641501	-	LUBRICANT SPRAY (PETROLEUM DISTILLATE) (AEROKROIL)	10	Ounces(OZ)	17-May-21
0001641492	-	LUBRICANT SPRAY (PETROLEUM DISTILLATE) (AEROKROIL)	10	Ounces(OZ)	17-May-21
0001641494	-	LUBRICANT SPRAY (PETROLEUM DISTILLATE) (AEROKROIL)	10	Ounces(OZ)	17-May-21
0001641508	-	LUBRICANT SPRAY (PETROLEUM DISTILLATE) (AEROKROIL)	10	Ounces(OZ)	17-May-21
0001641507	-	LUBRICANT SPRAY (PETROLEUM DISTILLATE) (AEROKROIL)	10	Ounces(OZ)	17-May-21
0001641506	-	LUBRICANT SPRAY (PETROLEUM DISTILLATE) (AEROKROIL)	10	Ounces(OZ)	17-May-21
0001641505	-	LUBRICANT SPRAY (PETROLEUM DISTILLATE) (AEROKROIL)	10	Ounces(OZ)	17-May-21
0001641504	-	LUBRICANT SPRAY (PETROLEUM DISTILLATE) (AEROKROIL)	10	Ounces(OZ)	17-May-21
0001641502	-	LUBRICANT SPRAY (PETROLEUM DISTILLATE) (AEROKROIL)	10	Ounces(OZ)	17-May-21
0001641500	-	LUBRICANT SPRAY (PETROLEUM DISTILLATE) (AEROKROIL)	10	Ounces(OZ)	17-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001641493	-	LUBRICANT SPRAY (PETROLEUM DISTILLATE) (AEROKROIL)	10	Ounces(OZ)	17-May-21
0001700238	-	iTaq Universal SYBR Green Supermix	100	Gram(GM)	17-May-21
0001641513	-	MOBIL VACTRA OIL NO. 2	5	Gallon(GAL)	17-May-21
0001641514	-	MOBIL VACTRA OIL NO. 2	5	Gallon(GAL)	17-May-21
0001641565	-	MOBIL VACTRA OIL NO. 2	55	Gallon(GAL)	17-May-21
0001641561	-	MOBIL DTE 24	55	Gallon(GAL)	17-May-21
0001641562	-	MOBIL DTE 24	55	Gallon(GAL)	17-May-21
0001700239	298-14-6	POTASSIUM HYDROGEN CARBONATE	500	Gram(GM)	17-May-21
0001700240	1312-73-8	POTASSIUM SULFIDE	5	Gram(GM)	17-May-21
0001700241	7440-33-7	TUNGSTEN	500	Gram(GM)	17-May-21
0001700242	2206-27-1	DIMETHYL SULFOXIDE-D6	50	Gram(GM)	17-May-21
0001700243	2206-27-1	DIMETHYL SULFOXIDE-D6	50	Gram(GM)	17-May-21
0001700244	16029-98-4	IODOTRIMETHYLSILANE	5	Gram(GM)	17-May-21
0001700245	16029-98-4	IODOTRIMETHYLSILANE	5	Gram(GM)	17-May-21
0001700246	67-64-1	ACETONE	4	Liters(L)	17-May-21
0001700247	67-64-1	ACETONE	4	Liters(L)	17-May-21
0001700248	67-64-1	ACETONE	4	Liters(L)	17-May-21
0001700249	67-64-1	ACETONE	4	Liters(L)	17-May-21
0001458512	63148-62-9	POLYDIMETHYLSILOXANE	500	Milliliter(ML)	17-May-21
0001641523	-	SP 705 Non-Chlorinated Brake & Parts Cleaner	14	Ounces(OZ)	17-May-21
0001641532	-	SP 705 Non-Chlorinated Brake & Parts Cleaner	14	Ounces(OZ)	17-May-21
0001641526	-	SP 705 Non-Chlorinated Brake & Parts Cleaner	14	Ounces(OZ)	17-May-21
0001641527	-	SP 705 Non-Chlorinated Brake & Parts Cleaner	14	Ounces(OZ)	17-May-21
0001641534	-	SP 705 Non-Chlorinated Brake & Parts Cleaner	14	Ounces(OZ)	17-May-21
0001641529	-	SP 705 Non-Chlorinated Brake & Parts Cleaner	14	Ounces(OZ)	17-May-21
0001641524	-	SP 705 Non-Chlorinated Brake & Parts Cleaner	14	Ounces(OZ)	17-May-21
0001641530	-	SP 705 Non-Chlorinated Brake & Parts Cleaner	14	Ounces(OZ)	17-May-21
0001641525	-	SP 705 Non-Chlorinated Brake & Parts Cleaner	14	Ounces(OZ)	17-May-21
0001641531	-	SP 705 Non-Chlorinated Brake & Parts Cleaner	14	Ounces(OZ)	17-May-21
0001641528	-	SP 705 Non-Chlorinated Brake & Parts Cleaner	14	Ounces(OZ)	17-May-21
0001641533	-	SP 705 Non-Chlorinated Brake & Parts Cleaner	14	Ounces(OZ)	17-May-21
0001700250	141-78-6	ETHYL ACETATE	4	Liters(L)	17-May-21
0001700252	141-78-6	ETHYL ACETATE	4	Liters(L)	17-May-21
0001700253	141-78-6	ETHYL ACETATE	4	Liters(L)	17-May-21
0001700251	141-78-6	ETHYL ACETATE	4	Liters(L)	17-May-21
0001700254	96-33-3	Methyl acrylate	2500	Milliliter(ML)	17-May-21
0001641515	-	LUBRICANT (CONTAINS PETROLEUM DISTILLATES) (AEROKROIL)	10	Ounces(OZ)	17-May-21
0001641521	-	LUBRICANT (CONTAINS PETROLEUM DISTILLATES) (AEROKROIL)	10	Ounces(OZ)	17-May-21
0001641520	-	LUBRICANT (CONTAINS PETROLEUM DISTILLATES) (AEROKROIL)	10	Ounces(OZ)	17-May-21
0001641519	-	LUBRICANT (CONTAINS PETROLEUM DISTILLATES) (AEROKROIL)	10	Ounces(OZ)	17-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001641516	-	LUBRICANT (CONTAINS PETROLEUM DISTILLATES) (AEROKROIL)	10	Ounces(OZ)	17-May-21
0001641517	-	LUBRICANT (CONTAINS PETROLEUM DISTILLATES) (AEROKROIL)	10	Ounces(OZ)	17-May-21
0001641518	-	LUBRICANT (CONTAINS PETROLEUM DISTILLATES) (AEROKROIL)	10	Ounces(OZ)	17-May-21
0001641522	-	LUBRICANT (CONTAINS PETROLEUM DISTILLATES) (AEROKROIL)	10	Ounces(OZ)	17-May-21
0001579409	-	ANTIFREEZE COOLANT	1	Gallon(GAL)	17-May-21
0001579414	-	ANTIFREEZE COOLANT	1	Gallon(GAL)	17-May-21
0001579415	-	ANTIFREEZE COOLANT	1	Gallon(GAL)	17-May-21
0001579416	-	ANTIFREEZE COOLANT	1	Gallon(GAL)	17-May-21
0001579413	-	ANTIFREEZE COOLANT	1	Gallon(GAL)	17-May-21
0001579412	-	ANTIFREEZE COOLANT	1	Gallon(GAL)	17-May-21
0001579411	-	ANTIFREEZE COOLANT	1	Gallon(GAL)	17-May-21
0001579410	-	ANTIFREEZE COOLANT	1	Gallon(GAL)	17-May-21
0001579417	-	JOHNSEN'S NON-CHLORINATATED BRAKE PARTS CLEANER CALIFORNIA 5 GALLON	5	Gallon(GAL)	17-May-21
0001579418	-	BRAKE CLEANER	510	Gram(GM)	17-May-21
0001579419	-	BRAKE CLEANER	510	Gram(GM)	17-May-21
0001579421	-	BRAKE CLEANER	510	Gram(GM)	17-May-21
0001579420	-	BRAKE CLEANER	510	Gram(GM)	17-May-21
0001579422	-	KRYLON COLORmaxx Gloss Black	12	Ounces(OZ)	17-May-21
0001579423	-	KRYLON COLORmaxx Gloss Black	12	Ounces(OZ)	17-May-21
0001579424	-	CRC BATTERY CLEANER	11	Ounces(OZ)	17-May-21
0001579425	-	CHAIN AND CABLE FLUID	11	Ounces(OZ)	17-May-21
0001579426	-	CHAIN AND CABLE FLUID	11	Ounces(OZ)	17-May-21
0001579427	-	CHAIN AND CABLE FLUID	11	Ounces(OZ)	17-May-21
0001579428	-	CHAIN AND CABLE FLUID	11	Ounces(OZ)	17-May-21
0001579429	-	CHAIN AND CABLE FLUID	11	Ounces(OZ)	17-May-21
0001579430	-	Pyroil CARB & THROTTLE BODY CLEANER PYC16	13	Ounces(OZ)	17-May-21
0001579431	-	Pyroil CARB & THROTTLE BODY CLEANER PYC16	13	Ounces(OZ)	17-May-21
0001579432	-	Pyroil CARB & THROTTLE BODY CLEANER PYC16	13	Ounces(OZ)	17-May-21
0001579433	-	PB PENETRATING CATALYST	11	Ounces(OZ)	17-May-21
0001579434	-	3M Brand Super Trim Adhesive PN 08090	19	Ounces(OZ)	17-May-21
0001579435	-	MOBIL 1 5W-50	1	Quarts(QT)	17-May-21
0001579436	-	MOBIL 1 5W-50	1	Quarts(QT)	17-May-21
0001579437	-	MOBIL 1 5W-50	1	Quarts(QT)	17-May-21
0001579438	-	MOBIL 1 5W-50	1	Quarts(QT)	17-May-21
0001613537	50-99-7	D-[+]-GLUCOSE	500	Gram(GM)	17-May-21
0001611695	-	n-butyllithium	100	Milliliter(ML)	17-May-21
0001615580	109-77-3	MALONONITRILE	250	Gram(GM)	17-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001700255	115-77-5	PENTAERYTHRITOL	1	Kilograms(KG)	17-May-21
0001700256	67-64-1	ACETONE	4	Liters(L)	17-May-21
0001700263	67-64-1	ACETONE	4	Liters(L)	17-May-21
0001700257	67-64-1	ACETONE	4	Liters(L)	17-May-21
0001700258	67-64-1	ACETONE	4	Liters(L)	17-May-21
0001700259	67-64-1	ACETONE	4	Liters(L)	17-May-21
0001700260	67-64-1	ACETONE	4	Liters(L)	17-May-21
0001700262	67-64-1	ACETONE	4	Liters(L)	17-May-21
0001700261	67-64-1	ACETONE	4	Liters(L)	17-May-21
0001700264	109-99-9	TETRAHYDROFURAN	1	Liters(L)	17-May-21
0001579446	-	Finium DTM-AT S/G Acrylic N/B	5	Gallon(GAL)	17-May-21
0001579447	-	Finium DTM-AT S/G Acrylic N/B	5	Gallon(GAL)	17-May-21
0001579448	-	Finium DTM-AT S/G Acrylic N/B	5	Gallon(GAL)	17-May-21
0001579449	-	Finium DTM-AT S/G Acrylic N/B	5	Gallon(GAL)	17-May-21
0001579439	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	17-May-21
0001579440	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	17-May-21
0001579441	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	17-May-21
0001579442	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	17-May-21
0001579443	-	PERMACRYL EXTERIOR SEMI-GLOSS NEUTRAL BASE	5	Gallon(GAL)	17-May-21
0001579444	-	PERMACRYL EXTERIOR FLAT WHITE BASE	5	Gallon(GAL)	17-May-21
0001579445	-	Permacryl Int Latex Eggshell W/B	5	Gallon(GAL)	17-May-21
V000008439	-	Avalon Premium 100% Acrylic Interior Semi-Gloss W/B	1	Gallon(GAL)	17-May-21
V00000843D	-	Avalon Premium 100% Acrylic Interior Semi-Gloss W/B	1	Gallon(GAL)	17-May-21
V00000843E	-	Avalon Premium 100% Acrylic Interior Semi-Gloss W/B	1	Gallon(GAL)	17-May-21
V000008436	-	Avalon Premium 100% Acrylic Interior Semi-Gloss W/B	1	Gallon(GAL)	17-May-21
V000008433	-	Avalon Premium 100% Acrylic Interior Semi-Gloss W/B	1	Gallon(GAL)	17-May-21
V000008434	-	Avalon Premium 100% Acrylic Interior Semi-Gloss W/B	1	Gallon(GAL)	17-May-21
V00000843A	-	Avalon Premium 100% Acrylic Interior Semi-Gloss W/B	1	Gallon(GAL)	17-May-21
V00000843C	-	Avalon Premium 100% Acrylic Interior Semi-Gloss W/B	1	Gallon(GAL)	17-May-21
V00000843B	-	Avalon Premium 100% Acrylic Interior Semi-Gloss W/B	1	Gallon(GAL)	17-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000008437	-	Avalon Premium 100% Acrylic Interior Semi-Gloss W/B	1	Gallon(GAL)	17-May-21
V000008438	-	Avalon Premium 100% Acrylic Interior Semi-Gloss W/B	1	Gallon(GAL)	17-May-21
V000008432	-	Avalon Premium 100% Acrylic Interior Semi-Gloss W/B	1	Gallon(GAL)	17-May-21
V000008435	-	Avalon Premium 100% Acrylic Interior Semi-Gloss W/B	1	Gallon(GAL)	17-May-21
V000008440	-	Avalon Premium 199% Acrylic Interior Semi-Gloss UW/B	1	Gallon(GAL)	17-May-21
V00000843F	-	Avalon Premium 199% Acrylic Interior Semi-Gloss UW/B	1	Gallon(GAL)	17-May-21
V00000844A	-	Avalon Premium 100% Acrylic Interior Satin W/B	1	Gallon(GAL)	17-May-21
V00000844F	-	Avalon Premium 100% Acrylic Interior Satin W/B	1	Gallon(GAL)	17-May-21
V00000844E	-	Avalon Premium 100% Acrylic Interior Satin W/B	1	Gallon(GAL)	17-May-21
V00000844D	-	Avalon Premium 100% Acrylic Interior Satin W/B	1	Gallon(GAL)	17-May-21
V00000844B	-	Avalon Premium 100% Acrylic Interior Satin W/B	1	Gallon(GAL)	17-May-21
V000008449	-	Avalon Premium 100% Acrylic Interior Satin W/B	1	Gallon(GAL)	17-May-21
V000008448	-	Avalon Premium 100% Acrylic Interior Satin W/B	1	Gallon(GAL)	17-May-21
V000008447	-	Avalon Premium 100% Acrylic Interior Satin W/B	1	Gallon(GAL)	17-May-21
V000008446	-	Avalon Premium 100% Acrylic Interior Satin W/B	1	Gallon(GAL)	17-May-21
V000008445	-	Avalon Premium 100% Acrylic Interior Satin W/B	1	Gallon(GAL)	17-May-21
V000008444	-	Avalon Premium 100% Acrylic Interior Satin W/B	1	Gallon(GAL)	17-May-21
V000008443	-	Avalon Premium 100% Acrylic Interior Satin W/B	1	Gallon(GAL)	17-May-21
V000008442	-	Avalon Premium 100% Acrylic Interior Satin W/B	1	Gallon(GAL)	17-May-21
V000008441	-	Avalon Premium 100% Acrylic Interior Satin W/B	1	Gallon(GAL)	17-May-21
V00000844C	-	Avalon Premium 100% Acrylic Interior Satin W/B	1	Gallon(GAL)	17-May-21
V000008453	-	Avalon Premium 100% Acrylic Interior Satin N/B	1	Gallon(GAL)	17-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000008450	-	Avalon Premium 100% Acrylic Interior Satin N/B	1	Gallon(GAL)	17-May-21
V000008451	-	Avalon Premium 100% Acrylic Interior Satin N/B	1	Gallon(GAL)	17-May-21
V000008452	-	Avalon Premium 100% Acrylic Interior Satin N/B	1	Gallon(GAL)	17-May-21
V000008454	-	Avalon Premium 100% Acrylic Interior Satin N/B	1	Gallon(GAL)	17-May-21
V000008455	-	Avalon Premium 100% Acrylic Interior Satin N/B	1	Gallon(GAL)	17-May-21
V000008456	-	Avalon Premium 100% Acrylic Interior Flat M/B	1	Gallon(GAL)	17-May-21
V000008458	-	Avalon Premium 100% Acrylic Interior Flat W/B	1	Gallon(GAL)	17-May-21
V000008457	-	Avalon Premium 100% Acrylic Interior Flat W/B	1	Gallon(GAL)	17-May-21
V000008459	-	Avalon Premium 100% Acrylic Interior Flat W/B	1	Gallon(GAL)	17-May-21
V00000845D	-	Avalon Premium 100% Acrylic Interior Flat W/B	1	Gallon(GAL)	17-May-21
V00000845C	-	Avalon Premium 100% Acrylic Interior Flat W/B	1	Gallon(GAL)	17-May-21
V00000845B	-	Avalon Premium 100% Acrylic Interior Flat W/B	1	Gallon(GAL)	17-May-21
V00000845A	-	Avalon Premium 100% Acrylic Interior Flat W/B	1	Gallon(GAL)	17-May-21
V00000845E	-	Avalon Premium 100% Acrylic Interior Satin D/B	1	Gallon(GAL)	17-May-21
V00000845F	-	Permacryl Int Latex Semi-Gloss W/B	1	Gallon(GAL)	17-May-21
V000008460	-	Permacryl Ext Latex Semi-Gloss N/B	1	Gallon(GAL)	17-May-21
0001700266	79-37-8	OXALYL CHLORIDE	250	Gram(GM)	17-May-21
0001700287	-	770-WASTELOCK-ABSORBANT	1	Pounds(LB)	17-May-21
0001700308	-	770-WASTELOCK-ABSORBANT	1	Pounds(LB)	17-May-21
0001700316	-	770-WASTELOCK-ABSORBANT	1	Pounds(LB)	17-May-21
0001700315	-	770-WASTELOCK-ABSORBANT	1	Pounds(LB)	17-May-21
0001700314	-	770-WASTELOCK-ABSORBANT	1	Pounds(LB)	17-May-21
0001700313	-	770-WASTELOCK-ABSORBANT	1	Pounds(LB)	17-May-21
0001700312	-	770-WASTELOCK-ABSORBANT	1	Pounds(LB)	17-May-21
0001700311	-	770-WASTELOCK-ABSORBANT	1	Pounds(LB)	17-May-21
0001700309	-	770-WASTELOCK-ABSORBANT	1	Pounds(LB)	17-May-21
0001700307	-	770-WASTELOCK-ABSORBANT	1	Pounds(LB)	17-May-21
0001700306	-	770-WASTELOCK-ABSORBANT	1	Pounds(LB)	17-May-21
0001700295	-	770-WASTELOCK-ABSORBANT	1	Pounds(LB)	17-May-21
0001700288	-	770-WASTELOCK-ABSORBANT	1	Pounds(LB)	17-May-21
0001700305	-	770-WASTELOCK-ABSORBANT	1	Pounds(LB)	17-May-21
0001700304	-	770-WASTELOCK-ABSORBANT	1	Pounds(LB)	17-May-21
0001700303	-	770-WASTELOCK-ABSORBANT	1	Pounds(LB)	17-May-21
0001700293	-	770-WASTELOCK-ABSORBANT	1	Pounds(LB)	17-May-21
0001700310	-	770-WASTELOCK-ABSORBANT	1	Pounds(LB)	17-May-21
0001700294	-	770-WASTELOCK-ABSORBANT	1	Pounds(LB)	17-May-21
0001700302	-	770-WASTELOCK-ABSORBANT	1	Pounds(LB)	17-May-21
0001700292	-	770-WASTELOCK-ABSORBANT	1	Pounds(LB)	17-May-21
0001700291	-	770-WASTELOCK-ABSORBANT	1	Pounds(LB)	17-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001700290	-	770-WASTELOCK-ABSORBANT	1	Pounds(LB)	17-May-21
0001700289	-	770-WASTELOCK-ABSORBANT	1	Pounds(LB)	17-May-21
0001700296	-	770-WASTELOCK-ABSORBANT	1	Pounds(LB)	17-May-21
0001700298	-	770-WASTELOCK-ABSORBANT	1	Pounds(LB)	17-May-21
0001700297	-	770-WASTELOCK-ABSORBANT	1	Pounds(LB)	17-May-21
0001700299	-	770-WASTELOCK-ABSORBANT	1	Pounds(LB)	17-May-21
0001700301	-	770-WASTELOCK-ABSORBANT	1	Pounds(LB)	17-May-21
0001700300	-	770-WASTELOCK-ABSORBANT	1	Pounds(LB)	17-May-21
0001700359	9003-56-9	ABS-M P430 Black	1	Gram(GM)	17-May-21
0001700361	9003-56-9	ABS-M P430 Black	1	Gram(GM)	17-May-21
0001700360	9003-56-9	ABS-M P430 Black	1	Gram(GM)	17-May-21
0001700362	-	DNA Elution Buffer	50	Milliliter(ML)	17-May-21
0001700365	-	DNA Elution Buffer	50	Milliliter(ML)	17-May-21
0001700363	-	DNA Elution Buffer	50	Milliliter(ML)	17-May-21
0001700364	-	DNA Elution Buffer	50	Milliliter(ML)	17-May-21
0001700366	7440-47-3	CHROMIUM	100	Gram(GM)	17-May-21
0001700367	-	APIEZON N GREASE	25	Gram(GM)	17-May-21
0001700368	-	APIEZON N GREASE	25	Gram(GM)	17-May-21
0001700369	-	APIEZON N GREASE	25	Gram(GM)	17-May-21
0001700370	-	No Clean Solder Paste	35	Gram(GM)	17-May-21
0001700371	-	No Clean Solder Paste	35	Gram(GM)	17-May-21
0001700372	-	No Clean Solder Paste	35	Gram(GM)	17-May-21
0001700373	-	No Clean Solder Paste	35	Gram(GM)	17-May-21
0001700374	-	No Clean Solder Paste	35	Gram(GM)	17-May-21
0001700375	7440-50-8	COPPER	500	Gram(GM)	17-May-21
0001700382	-	HIGH VACUUM GREASE	2	Pounds(LB)	17-May-21
0001700383	7440-69-9	BISMUTH	2	Kilograms(KG)	17-May-21
0001700384	7440-69-9	BISMUTH ROD	10	Gram(GM)	17-May-21
0001700385	7440-69-9	BISMUTH ROD	10	Gram(GM)	17-May-21
0001700376	-	EPO-TEK 301-1 Part A Adhesive ; EPO-TEK 301-1 Part B Adhesive	8	Ounces(OZ)	17-May-21
0001700378	-	EPO-TEK 301-1 Part A Adhesive ; EPO-TEK 301-1 Part B Adhesive	8	Ounces(OZ)	17-May-21
0001700380	-	EPO-TEK 301-1 Part A Adhesive ; EPO-TEK 301-1 Part B Adhesive	8	Ounces(OZ)	17-May-21
0001700379	-	EPO-TEK 301-1 Part A Adhesive ; EPO-TEK 301-1 Part B Adhesive	8	Ounces(OZ)	17-May-21
0001700381	-	EPO-TEK 301-1 Part A Adhesive ; EPO-TEK 301-1 Part B Adhesive	8	Ounces(OZ)	17-May-21
0001700377	-	EPO-TEK 301-1 Part A Adhesive ; EPO-TEK 301-1 Part B Adhesive	8	Ounces(OZ)	17-May-21
0001700386	-	Water Soluble Lapping Vehicle #99	5	Gallon(GAL)	17-May-21
0001700387	-	Water Soluble Lapping Vehicle #99	5	Gallon(GAL)	17-May-21
0001700388	16674-78-5	MAGNESIUM ACETATE TETRAHYDRATE	25	Gram(GM)	17-May-21
0001700389	7440-38-2	ARSENIC	1	Kilograms(KG)	17-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
1700390 17	64-17-5	Ethanol absolute for analysis EMSURE ACS ISO Reag. Ph	2.5	Liters(L)	17-May-21
0001700391	-	LB BROTH MILLER	500	Gram(GM)	17-May-21
0001700392	-	RNASE AWAY	250	Milliliter(ML)	17-May-21
0001700393	-	RNASE AWAY	250	Milliliter(ML)	17-May-21
0001700394	67-56-1	METHANOL REAGENT ACS	2	Liters(L)	17-May-21
0001700396	67-56-1	METHANOL REAGENT ACS	2	Liters(L)	17-May-21
0001700397	67-56-1	METHANOL REAGENT ACS	2	Liters(L)	17-May-21
0001700395	67-56-1	METHANOL REAGENT ACS	2	Liters(L)	17-May-21
0001700398	107-83-5	HEXANE MIXTURE OF ISOMERS	4	Liters(L)	17-May-21
0001700399	-	MessengerMAX vial 0.3ml	0.3	Milliliter(ML)	17-May-21
0001700431	7697-37-2	NITRIC ACID	2	Liters(L)	17-May-21
0001700432	-	Hydrochloric Acid	2	Liters(L)	17-May-21
0001700446	-	Hydrochloric Acid	2	Liters(L)	17-May-21
0001700433	-	Hydrochloric Acid	2	Liters(L)	17-May-21
0001700434	-	Hydrochloric Acid	2	Liters(L)	17-May-21
0001700435	-	Hydrochloric Acid	2	Liters(L)	17-May-21
0001700436	-	Hydrochloric Acid	2	Liters(L)	17-May-21
0001700437	-	Hydrochloric Acid	2	Liters(L)	17-May-21
0001700438	-	Hydrochloric Acid	2	Liters(L)	17-May-21
0001700439	-	Hydrochloric Acid	2	Liters(L)	17-May-21
0001700440	-	Hydrochloric Acid	2	Liters(L)	17-May-21
0001700447	-	Hydrochloric Acid	2	Liters(L)	17-May-21
0001700441	-	Hydrochloric Acid	2	Liters(L)	17-May-21
0001700448	-	Hydrochloric Acid	2	Liters(L)	17-May-21
0001700445	-	Hydrochloric Acid	2	Liters(L)	17-May-21
0001700444	-	Hydrochloric Acid	2	Liters(L)	17-May-21
0001700443	-	Hydrochloric Acid	2	Liters(L)	17-May-21
0001700442	-	Hydrochloric Acid	2	Liters(L)	17-May-21
0001612728	-	ULTRA CLOROX GERMICIDAL	121	Ounces(OZ)	18-May-21
0001612727	-	ULTRA CLOROX GERMICIDAL	121	Ounces(OZ)	18-May-21
0001612729	-	ULTRA CLOROX GERMICIDAL	121	Ounces(OZ)	18-May-21
0001436635	-	Spears CPVC-24 Low VOC CPVC Plastic Pipe Cement	1	Ounces(OZ)	18-May-21
0001436636	-	Spears CPVC-24 Low VOC CPVC Plastic Pipe Cement	1	Ounces(OZ)	18-May-21
0001436637	-	Spears CPVC-24 Low VOC CPVC Plastic Pipe Cement	1	Ounces(OZ)	18-May-21
0001436638	-	Spears CPVC-24 Low VOC CPVC Plastic Pipe Cement	1	Ounces(OZ)	18-May-21
0001420786	-	ELECTROLYTE KCL(POTASSIUM CHLORIDE)	250	Milliliter(ML)	18-May-21
0001436643	-	Spears LW-5 One-Step Low VOC Cement for LabWaste CPVC Systems	1	Ounces(OZ)	18-May-21
0001436652	-	Spears LW-5 One-Step Low VOC Cement for LabWaste CPVC Systems	1	Ounces(OZ)	18-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001700317	110-82-7	CYCLOHEXANE ANHYDROUS 99.5%	1	Liters(L)	18-May-21
0001700400	67-56-1	METHANOL REAGENT ACS	4	Liters(L)	18-May-21
0001700402	67-56-1	METHANOL REAGENT ACS	4	Liters(L)	18-May-21
0001700401	67-56-1	METHANOL REAGENT ACS	4	Liters(L)	18-May-21
0001700403	7789-78-8	Calcium hydride for synthesis	100	Gram(GM)	18-May-21
0001436701	-	Spears LW-5 One-Step Low VOC Cement for LabWaste CPVC Systems	1	Ounces(OZ)	18-May-21
0001700404	-	Chromate Test Method: colorimetric with test strips and reagent 3 -10 -30 -100 mg/l MQuant	100	Milligram(MG)	18-May-21
0001700405	865-49-6	CHLOROFORM-D 99.8+ ATOM% D	100	Gram(GM)	18-May-21
0001700406	7697-37-2	Nitric acid 65% extra pure	2.5	Liters(L)	18-May-21
0001700407	7697-37-2	Nitric acid 65% extra pure	2.5	Liters(L)	18-May-21
0001700411	7697-37-2	Nitric acid 65% extra pure	2.5	Liters(L)	18-May-21
0001700409	7697-37-2	Nitric acid 65% extra pure	2.5	Liters(L)	18-May-21
0001700410	7697-37-2	Nitric acid 65% extra pure	2.5	Liters(L)	18-May-21
0001700412	7697-37-2	Nitric acid 65% extra pure	2.5	Liters(L)	18-May-21
0001700413	7697-37-2	Nitric acid 65% extra pure	2.5	Liters(L)	18-May-21
0001700414	7697-37-2	Nitric acid 65% extra pure	2.5	Liters(L)	18-May-21
0001700408	7697-37-2	Nitric acid 65% extra pure	2.5	Liters(L)	18-May-21
0001641323	-	FS-One Max	10	Ounces(OZ)	18-May-21
0001641334	-	FS-One Max	10	Ounces(OZ)	18-May-21
0001641333	-	FS-One Max	10	Ounces(OZ)	18-May-21
0001641332	-	FS-One Max	10	Ounces(OZ)	18-May-21
0001641331	-	FS-One Max	10	Ounces(OZ)	18-May-21
0001641330	-	FS-One Max	10	Ounces(OZ)	18-May-21
0001641329	-	FS-One Max	10	Ounces(OZ)	18-May-21
0001641328	-	FS-One Max	10	Ounces(OZ)	18-May-21
0001641327	-	FS-One Max	10	Ounces(OZ)	18-May-21
0001641324	-	FS-One Max	10	Ounces(OZ)	18-May-21
0001641325	-	FS-One Max	10	Ounces(OZ)	18-May-21
0001641326	-	FS-One Max	10	Ounces(OZ)	18-May-21
0001641257	-	Epoxy Putty Stick - Steel	2	Ounces(OZ)	18-May-21
0001641266	-	Epoxy Putty Stick - Steel	2	Ounces(OZ)	18-May-21
0001641265	-	Epoxy Putty Stick - Steel	2	Ounces(OZ)	18-May-21
0001641264	-	Epoxy Putty Stick - Steel	2	Ounces(OZ)	18-May-21
0001641263	-	Epoxy Putty Stick - Steel	2	Ounces(OZ)	18-May-21
0001641262	-	Epoxy Putty Stick - Steel	2	Ounces(OZ)	18-May-21
0001641261	-	Epoxy Putty Stick - Steel	2	Ounces(OZ)	18-May-21
0001641260	-	Epoxy Putty Stick - Steel	2	Ounces(OZ)	18-May-21
0001641259	-	Epoxy Putty Stick - Steel	2	Ounces(OZ)	18-May-21
0001641258	-	Epoxy Putty Stick - Steel	2	Ounces(OZ)	18-May-21
0001641335	-	Steel Reinforced Epoxy Resin	1	Ounces(OZ)	18-May-21
0001700416	-	Mini-PROTEAN TGX Stain-Free Gels 10% 4-15% 8 16% 4-20% Any Kd 10W 15W IPG	10	Gram(GM)	18-May-21
0001641336	-	Steel Reinforced Epoxy Resin	1	Ounces(OZ)	18-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001641440	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10.1	Ounces(OZ)	18-May-21
0001641445	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10.1	Ounces(OZ)	18-May-21
0001641447	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10.1	Ounces(OZ)	18-May-21
0001641449	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10.1	Ounces(OZ)	18-May-21
0001641448	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10.1	Ounces(OZ)	18-May-21
0001641446	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10.1	Ounces(OZ)	18-May-21
0001641444	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10.1	Ounces(OZ)	18-May-21
0001641443	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10.1	Ounces(OZ)	18-May-21
0001641441	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10.1	Ounces(OZ)	18-May-21
0001641442	-	WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10.1	Ounces(OZ)	18-May-21
0001700417	-	1000 ug/mL Perchlorate	125	Milliliter(ML)	18-May-21
0001700418	9002-83-9	POLY(CHLOROTRIFLUOROETHYLENE)	25	Gram(GM)	18-May-21
0001641269	-	WD-40	1	Gallon(GAL)	19-May-21
0001641270	-	WD-40	1	Gallon(GAL)	19-May-21
0001436618	-	VICTAULIC LUBRICANT	1	Quarts(QT)	19-May-21
0001436619	-	VICTAULIC LUBRICANT	1	Quarts(QT)	19-May-21
0001436617	-	Bridgit Lead Free Solder	1	Pounds(LB)	19-May-21
0001436650	-	VICTUALIC LUBRICANT	1	Quarts(QT)	19-May-21
0001436651	-	VICTUALIC LUBRICANT	1	Quarts(QT)	19-May-21
0001436639	-	Spears Primer-70 Low VOC Primer for PVC and CPVC Plastic Pipe	1	Quarts(QT)	19-May-21
0001436640	-	Spears Primer-70 Low VOC Primer for PVC and CPVC Plastic Pipe	1	Quarts(QT)	19-May-21
0001436641	-	Spears Primer-70 Low VOC Primer for PVC and CPVC Plastic Pipe	1	Quarts(QT)	19-May-21
0001436642	-	Spears Primer-70 Low VOC Primer for PVC and CPVC Plastic Pipe	1	Quarts(QT)	19-May-21
0001436615	-	VICTAULIC LUBRICANT	1	Quarts(QT)	19-May-21
0001436616	-	VICTAULIC LUBRICANT	1	Quarts(QT)	19-May-21
0001436538	-	NOKORODE COLD WEATHER PASTE FLUX	8	Ounces(OZ)	19-May-21
0001436539	-	NOKORODE COLD WEATHER PASTE FLUX	8	Ounces(OZ)	19-May-21
0001436541	-	NOKORODE COLD WEATHER PASTE FLUX	8	Ounces(OZ)	19-May-21
0001436540	-	NOKORODE COLD WEATHER PASTE FLUX	8	Ounces(OZ)	19-May-21
V000008473	-	PARTS PLUS HD SAE 30 PREMIUM MOTOR OIL PP3371	1	Quarts(QT)	19-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000008472	-	PARTS PLUS HD SAE 30 PREMIUM MOTOR OIL PP3371	1	Quarts(QT)	19-May-21
V000008471	-	PARTS PLUS HD SAE 30 PREMIUM MOTOR OIL PP3371	1	Quarts(QT)	19-May-21
V000008470	-	PARTS PLUS HD SAE 30 PREMIUM MOTOR OIL PP3371	1	Quarts(QT)	19-May-21
V00000846F	-	PARTS PLUS HD SAE 30 PREMIUM MOTOR OIL PP3371	1	Quarts(QT)	19-May-21
V00000846E	-	PARTS PLUS HD SAE 30 PREMIUM MOTOR OIL PP3371	1	Quarts(QT)	19-May-21
0001436815	-	Hercules Wet Set PVC Aqua Blue Medium Body Fast Set	1	Quarts(QT)	19-May-21
V00000847F	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	19-May-21
V00000847A	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	19-May-21
V000008481	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	19-May-21
V000008480	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	19-May-21
V00000847E	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	19-May-21
V00000847D	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	19-May-21
V00000847C	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	19-May-21
V00000847B	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	19-May-21
V000008475	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	19-May-21
V000008476	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	19-May-21
V000008474	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	19-May-21
V000008479	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	19-May-21
V000008478	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	19-May-21
V000008477	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	19-May-21
0001700419	-	1000 ug/mL Terbium	125	Milliliter(ML)	19-May-21
0001641415	-	AEROKROIL LUBRICANT SPRAY	10	Ounces(OZ)	19-May-21
0001700420	-	1000 ug/mL Dysprosium	125	Milliliter(ML)	19-May-21
0001641419	-	AEROKROIL LUBRICANT SPRAY	10	Ounces(OZ)	19-May-21
0001641416	-	AEROKROIL LUBRICANT SPRAY	10	Ounces(OZ)	19-May-21
0001641418	-	AEROKROIL LUBRICANT SPRAY	10	Ounces(OZ)	19-May-21
0001641420	-	AEROKROIL LUBRICANT SPRAY	10	Ounces(OZ)	19-May-21
0001641421	-	AEROKROIL LUBRICANT SPRAY	10	Ounces(OZ)	19-May-21
0001641422	-	AEROKROIL LUBRICANT SPRAY	10	Ounces(OZ)	19-May-21
0001641423	-	AEROKROIL LUBRICANT SPRAY	10	Ounces(OZ)	19-May-21
0001641424	-	AEROKROIL LUBRICANT SPRAY	10	Ounces(OZ)	19-May-21
0001641417	-	AEROKROIL LUBRICANT SPRAY	10	Ounces(OZ)	19-May-21
0001700421	77494-35-0	2-(Trimethylsilyl)-2 3-pentadiene	500	Milligram(MG)	19-May-21
0001436721	-	PVC PURPLE PRIMER	1.5	Pint(PT)	19-May-21
V000008483	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	19-May-21
V000008486	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	19-May-21
V000008487	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	19-May-21
V000008484	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	19-May-21
V000008485	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	19-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000008482	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	19-May-21
0001679391	-	ARGON GAS	220	Cubic Feet(CF)	19-May-21
0001679393	-	ARGON GAS	220	Cubic Feet(CF)	19-May-21
0001679394	-	ARGON GAS	220	Cubic Feet(CF)	19-May-21
0001679395	-	ARGON GAS	220	Cubic Feet(CF)	19-May-21
0001679399	-	ARGON GAS	220	Cubic Feet(CF)	19-May-21
0001679396	-	ARGON GAS	220	Cubic Feet(CF)	19-May-21
0001679401	-	ARGON GAS	220	Cubic Feet(CF)	19-May-21
0001679402	-	ARGON GAS	220	Cubic Feet(CF)	19-May-21
0001679392	-	ARGON GAS	220	Cubic Feet(CF)	19-May-21
0001679397	-	ARGON GAS	220	Cubic Feet(CF)	19-May-21
0001679398	-	ARGON GAS	220	Cubic Feet(CF)	19-May-21
0001679400	-	ARGON GAS	220	Cubic Feet(CF)	19-May-21
0001679407	-	ARGON GAS	220	Cubic Feet(CF)	19-May-21
0001679403	-	ARGON GAS	220	Cubic Feet(CF)	19-May-21
0001679404	-	ARGON GAS	220	Cubic Feet(CF)	19-May-21
0001679416	-	ARGON GAS	220	Cubic Feet(CF)	19-May-21
0001679408	-	ARGON GAS	220	Cubic Feet(CF)	19-May-21
0001679409	-	ARGON GAS	220	Cubic Feet(CF)	19-May-21
0001679410	-	ARGON GAS	220	Cubic Feet(CF)	19-May-21
0001679411	-	ARGON GAS	220	Cubic Feet(CF)	19-May-21
0001679412	-	ARGON GAS	220	Cubic Feet(CF)	19-May-21
0001679413	-	ARGON GAS	220	Cubic Feet(CF)	19-May-21
0001679405	-	ARGON GAS	220	Cubic Feet(CF)	19-May-21
0001679415	-	ARGON GAS	220	Cubic Feet(CF)	19-May-21
0001679406	-	ARGON GAS	220	Cubic Feet(CF)	19-May-21
0001679417	-	ARGON GAS	220	Cubic Feet(CF)	19-May-21
0001679418	-	ARGON GAS	220	Cubic Feet(CF)	19-May-21
0001679419	-	ARGON GAS	220	Cubic Feet(CF)	19-May-21
0001679420	-	ARGON GAS	220	Cubic Feet(CF)	19-May-21
0001679414	-	ARGON GAS	220	Cubic Feet(CF)	19-May-21
0001679421	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	19-May-21
0001679431	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	19-May-21
0001679422	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	19-May-21
0001679423	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	19-May-21
0001679424	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	19-May-21
0001679425	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	19-May-21
0001679426	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	19-May-21
0001679427	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	19-May-21
0001679428	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	19-May-21
0001679429	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	19-May-21
0001679430	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	19-May-21
0001679432	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	19-May-21
0001679450	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	19-May-21
0001679448	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	19-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001679449	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	19-May-21
0001679479	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	19-May-21
0001679492	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	19-May-21
0001679490	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	19-May-21
0001679480	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	19-May-21
0001679481	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	19-May-21
0001679482	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	19-May-21
0001679483	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	19-May-21
0001679484	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	19-May-21
0001679485	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	19-May-21
0001679486	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	19-May-21
0001679491	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	19-May-21
0001679487	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	19-May-21
0001679488	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	19-May-21
0001679489	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	19-May-21
0001679493	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	19-May-21
0001679433	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	19-May-21
0001679438	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	19-May-21
0001679447	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	19-May-21
0001679434	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	19-May-21
0001679435	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	19-May-21
0001679436	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	19-May-21
0001679437	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	19-May-21
0001679439	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	19-May-21
0001679441	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	19-May-21
0001679442	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	19-May-21
0001679443	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	19-May-21
0001679444	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	19-May-21
0001679440	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	19-May-21
0001679446	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	19-May-21
0001679445	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	19-May-21
V00000848F	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	19-May-21
V000008497	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	19-May-21
V000008496	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	19-May-21
V00000848C	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	19-May-21
V00000848A	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	19-May-21
V00000848D	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	19-May-21
V000008489	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	19-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V00000848E	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	19-May-21
V000008495	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	19-May-21
V000008490	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	19-May-21
V000008491	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	19-May-21
V000008492	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	19-May-21
V000008493	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	19-May-21
V000008494	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	19-May-21
V00000848B	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	19-May-21
V000008488	-	PARTS PLUS SAE 10W-30 SYNTHETIC MOTOR OIL	1	Quarts(QT)	19-May-21
0001700423	2206-27-1	DIMETHYL SULFOXIDE-D6	25	Gram(GM)	19-May-21
0001679468	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	19-May-21
0001679461	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	19-May-21
0001679470	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	19-May-21
0001679469	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	19-May-21
0001679467	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	19-May-21
0001679466	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	19-May-21
0001679465	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	19-May-21
0001679464	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	19-May-21
0001679462	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	19-May-21
0001679460	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	19-May-21
0001679459	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	19-May-21
0001679458	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	19-May-21
0001679457	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	19-May-21
0001679456	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	19-May-21
0001679455	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	19-May-21
0001679454	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	19-May-21
0001679453	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	19-May-21
0001679452	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	19-May-21
0001679451	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	19-May-21
0001679463	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	19-May-21
0001679471	-	Compressed Air	220	Cubic Feet(CF)	19-May-21
0001579450	-	Paramount Ext. 100% Acrylic Flat M/B	5	Gallon(GAL)	19-May-21
0001679476	-	Compressed Air	220	Cubic Feet(CF)	19-May-21
0001679475	-	Compressed Air	220	Cubic Feet(CF)	19-May-21
0001679472	-	Compressed Air	220	Cubic Feet(CF)	19-May-21
0001679473	-	Compressed Air	220	Cubic Feet(CF)	19-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001679474	-	Compressed Air	220	Cubic Feet(CF)	19-May-21
0001579455	-	Paramount Ext. 100% Acrylic Flat M/B	5	Gallon(GAL)	19-May-21
0001579451	-	Paramount Ext. 100% Acrylic Flat M/B	5	Gallon(GAL)	19-May-21
0001579452	-	Paramount Ext. 100% Acrylic Flat M/B	5	Gallon(GAL)	19-May-21
0001579454	-	Paramount Ext. 100% Acrylic Flat M/B	5	Gallon(GAL)	19-May-21
0001579453	-	Paramount Ext. 100% Acrylic Flat M/B	5	Gallon(GAL)	19-May-21
0001579456	-	Paramount Ext. 100% Acrylic Flat M/B	5	Gallon(GAL)	19-May-21
0001700424	5970-45-6	ZINC ACETATE DIHYDRATE	250	Gram(GM)	19-May-21
0001700425	109-86-4	2-METHOXYETHANOL	1	Liters(L)	19-May-21
0001679477	-	Argon 75% Carbon Dioxide 25%	220	Cubic Feet(CF)	19-May-21
0001700426	108-88-3	TOLUENE ANHYDROUS	1	Liters(L)	19-May-21
0001700429	108-88-3	TOLUENE ANHYDROUS	1	Liters(L)	19-May-21
0001700428	108-88-3	TOLUENE ANHYDROUS	1	Liters(L)	19-May-21
0001700427	108-88-3	TOLUENE ANHYDROUS	1	Liters(L)	19-May-21
0001679478	-	Argon 75% Carbon Dioxide 25%	220	Cubic Feet(CF)	19-May-21
0001679494	-	Sulfer Hexafluoride	220	Cubic Feet(CF)	19-May-21
0001679505	-	Sulfer Hexafluoride	220	Cubic Feet(CF)	19-May-21
0001679504	-	Sulfer Hexafluoride	220	Cubic Feet(CF)	19-May-21
0001679496	-	Sulfer Hexafluoride	220	Cubic Feet(CF)	19-May-21
0001679503	-	Sulfer Hexafluoride	220	Cubic Feet(CF)	19-May-21
0001679502	-	Sulfer Hexafluoride	220	Cubic Feet(CF)	19-May-21
0001679501	-	Sulfer Hexafluoride	220	Cubic Feet(CF)	19-May-21
0001679500	-	Sulfer Hexafluoride	220	Cubic Feet(CF)	19-May-21
0001679498	-	Sulfer Hexafluoride	220	Cubic Feet(CF)	19-May-21
0001679507	-	Sulfer Hexafluoride	220	Cubic Feet(CF)	19-May-21
0001679499	-	Sulfer Hexafluoride	220	Cubic Feet(CF)	19-May-21
0001679495	-	Sulfer Hexafluoride	220	Cubic Feet(CF)	19-May-21
0001679497	-	Sulfer Hexafluoride	220	Cubic Feet(CF)	19-May-21
0001679506	-	Sulfer Hexafluoride	220	Cubic Feet(CF)	19-May-21
0001679508	74-98-6	PROPANE	50	Pounds(LB)	19-May-21
0001679514	74-98-6	PROPANE	50	Pounds(LB)	19-May-21
0001679519	74-98-6	PROPANE	50	Pounds(LB)	19-May-21
0001679518	74-98-6	PROPANE	50	Pounds(LB)	19-May-21
0001679517	74-98-6	PROPANE	50	Pounds(LB)	19-May-21
0001679515	74-98-6	PROPANE	50	Pounds(LB)	19-May-21
0001679513	74-98-6	PROPANE	50	Pounds(LB)	19-May-21
0001679512	74-98-6	PROPANE	50	Pounds(LB)	19-May-21
0001679511	74-98-6	PROPANE	50	Pounds(LB)	19-May-21
0001679510	74-98-6	PROPANE	50	Pounds(LB)	19-May-21
0001679509	74-98-6	PROPANE	50	Pounds(LB)	19-May-21
0001679516	74-98-6	PROPANE	50	Pounds(LB)	19-May-21
0001679520	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	19-May-21
0001679529	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	19-May-21
0001679526	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	19-May-21
0001679525	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	19-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001679524	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	19-May-21
0001679523	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	19-May-21
0001679522	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	19-May-21
0001679527	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	19-May-21
0001679528	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	19-May-21
0001679521	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	19-May-21
0001679530	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	19-May-21
0001679531	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	19-May-21
0001679532	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	19-May-21
0001679533	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	19-May-21
0001679534	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	19-May-21
0001679535	-	100PPM OXYGEN/BAL. HELIUM	220	Cubic Feet(CF)	19-May-21
0001679536	7440-59-7	HELIUM GAS	40	Cubic Feet(CF)	19-May-21
0001679539	7440-59-7	HELIUM GAS	40	Cubic Feet(CF)	19-May-21
0001679540	7440-59-7	HELIUM GAS	40	Cubic Feet(CF)	19-May-21
0001679537	7440-59-7	HELIUM GAS	40	Cubic Feet(CF)	19-May-21
0001679538	7440-59-7	HELIUM GAS	40	Cubic Feet(CF)	19-May-21
0001615164	62-50-0	ETHYL METHANESULFONATE	25	Gram(GM)	19-May-21
0001679336	-	1011 PPM TRIMETHYLAMINE/BAL. HELIUM	80	Cubic Feet(CF)	19-May-21
0001679390	50-00-0	FORMALDEHYDE GAS	125	Cubic Feet(CF)	19-May-21
0001641511	-	MOBIL DTE 26 HYDRAULIC OIL	5	Gallon(GAL)	19-May-21
0001641512	-	MOBIL DTE 26 HYDRAULIC OIL	5	Gallon(GAL)	19-May-21
0001423745	-	CP 618 Firestop Putty Stick	295	Milliliter(ML)	19-May-21
0001423746	-	CP 618 Firestop Putty Stick	295	Milliliter(ML)	19-May-21
0001641566	-	MOBILUX EP 1	13.7	Ounces(OZ)	19-May-21
0001641571	-	MOBILUX EP 1	13.7	Ounces(OZ)	19-May-21
0001641569	-	MOBILUX EP 1	13.7	Ounces(OZ)	19-May-21
0001641575	-	MOBILUX EP 1	13.7	Ounces(OZ)	19-May-21
0001641574	-	MOBILUX EP 1	13.7	Ounces(OZ)	19-May-21
0001641572	-	MOBILUX EP 1	13.7	Ounces(OZ)	19-May-21
0001641567	-	MOBILUX EP 1	13.7	Ounces(OZ)	19-May-21
0001641568	-	MOBILUX EP 1	13.7	Ounces(OZ)	19-May-21
0001641573	-	MOBILUX EP 1	13.7	Ounces(OZ)	19-May-21
0001641570	-	MOBILUX EP 1	13.7	Ounces(OZ)	19-May-21
0001641563	-	MOBIL SHC 626	55	Gallon(GAL)	19-May-21
0001641564	-	MOBIL SHC 626	55	Gallon(GAL)	19-May-21
V000008499	-	SHEETROCK LIGHTWEIGHT ALL PURPOSE JOINT COMPOUND	4	Gallon(GAL)	19-May-21
V00000849B	-	SHEETROCK LIGHTWEIGHT ALL PURPOSE JOINT COMPOUND	4	Gallon(GAL)	19-May-21
V000008498	-	SHEETROCK LIGHTWEIGHT ALL PURPOSE JOINT COMPOUND	4	Gallon(GAL)	19-May-21
V00000849A	-	SHEETROCK LIGHTWEIGHT ALL PURPOSE JOINT COMPOUND	4	Gallon(GAL)	19-May-21
0001436730	-	PURPLE PRIMER FOR CPVC OR PVC	1.5	Pint(PT)	19-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001436737	-	PURPLE PRIMER FOR CPVC OR PVC	1.5	Pint(PT)	19-May-21
0001436736	-	PURPLE PRIMER FOR CPVC OR PVC	1.5	Pint(PT)	19-May-21
0001436735	-	PURPLE PRIMER FOR CPVC OR PVC	1.5	Pint(PT)	19-May-21
0001436733	-	PURPLE PRIMER FOR CPVC OR PVC	1.5	Pint(PT)	19-May-21
0001436732	-	PURPLE PRIMER FOR CPVC OR PVC	1.5	Pint(PT)	19-May-21
0001436731	-	PURPLE PRIMER FOR CPVC OR PVC	1.5	Pint(PT)	19-May-21
0001436734	-	PURPLE PRIMER FOR CPVC OR PVC	1.5	Pint(PT)	19-May-21
0001678646	-	ARGON GAS	220	Cubic Feet(CF)	19-May-21
0001678645	-	ARGON GAS	220	Cubic Feet(CF)	19-May-21
0001700430	104780-61-2	[7-9% (METHACRYLOXYPROPYL)METHYLSILOXANE]-DIMETHYLSILOXANE COPOLYMER	100	Gram(GM)	19-May-21
0001678647	-	ARGON GAS	220	Cubic Feet(CF)	19-May-21
0001436620	-	PLUMBERS GREASE	2	Ounces(OZ)	19-May-21
0001436627	-	PLUMBERS GREASE	2	Ounces(OZ)	19-May-21
0001436632	-	PLUMBERS GREASE	2	Ounces(OZ)	19-May-21
0001436621	-	PLUMBERS GREASE	2	Ounces(OZ)	19-May-21
0001436622	-	PLUMBERS GREASE	2	Ounces(OZ)	19-May-21
0001436623	-	PLUMBERS GREASE	2	Ounces(OZ)	19-May-21
0001436624	-	PLUMBERS GREASE	2	Ounces(OZ)	19-May-21
0001436625	-	PLUMBERS GREASE	2	Ounces(OZ)	19-May-21
0001436628	-	PLUMBERS GREASE	2	Ounces(OZ)	19-May-21
0001436631	-	PLUMBERS GREASE	2	Ounces(OZ)	19-May-21
0001436626	-	PLUMBERS GREASE	2	Ounces(OZ)	19-May-21
0001436629	-	PLUMBERS GREASE	2	Ounces(OZ)	19-May-21
0001436630	-	PLUMBERS GREASE	2	Ounces(OZ)	19-May-21
0001436633	-	PLUMBERS GREASE	2	Ounces(OZ)	19-May-21
0001436634	-	PLUMBERS GREASE	2	Ounces(OZ)	19-May-21
0001436816	-	No-Hub Sealant	1	Quarts(QT)	19-May-21
0001436536	-	silvabrite 100	1	Pounds(LB)	19-May-21
0001436537	-	silvabrite 100	1	Pounds(LB)	19-May-21
0001577980	-	SONORAN Interior/Exterior Acrylic Semi-Gloss Finish Ultradeep Base	5	Gallon(GAL)	19-May-21
0001577981	-	SONORAN Interior/Exterior Acrylic Semi-Gloss Finish Ultradeep Base	5	Gallon(GAL)	19-May-21
0001577982	-	PRO INDUSTRIAL DTM Acrylic Semi-Gloss Extra White	5	Gallon(GAL)	19-May-21
0001578150	-	PRO INDUSTRIAL DTM Acrylic Semi-Gloss Ultradeep Base	5	Gallon(GAL)	19-May-21
0001578151	-	PRO INDUSTRIAL DTM Acrylic Semi-Gloss Ultradeep Base	5	Gallon(GAL)	19-May-21
0001578152	-	DuraCraft Exterior Acrylic Latex Flat Extra White	5	Gallon(GAL)	19-May-21
0001578153	-	ACRIGLO EGGSHELL WHITE-P	5	Gallon(GAL)	19-May-21
0001436542	-	silvabrite 100	1	Pounds(LB)	19-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001436543	-	silvabrite 100	1	Pounds(LB)	19-May-21
0001436533	-	silvabrite 100	1	Pounds(LB)	19-May-21
0001436534	-	silvabrite 100	1	Pounds(LB)	19-May-21
0001700599	2369-11-1	5-Fluoro-2-nitroaniline	25	Gram(GM)	19-May-21
0001700647	67-56-1	METHANOL REAGENT ACS	4	Liters(L)	19-May-21
0001700648	67-56-1	METHANOL REAGENT ACS	4	Liters(L)	19-May-21
0001700650	67-56-1	METHANOL REAGENT ACS	4	Liters(L)	19-May-21
0001700649	67-56-1	METHANOL REAGENT ACS	4	Liters(L)	19-May-21
0001700651	-	CiDehol ST Sterile 70% isopropyl Alcohol	16	Ounces(OZ)	19-May-21
0001700660	-	CiDehol ST Sterile 70% isopropyl Alcohol	16	Ounces(OZ)	19-May-21
0001700659	-	CiDehol ST Sterile 70% isopropyl Alcohol	16	Ounces(OZ)	19-May-21
0001700652	-	CiDehol ST Sterile 70% isopropyl Alcohol	16	Ounces(OZ)	19-May-21
0001700658	-	CiDehol ST Sterile 70% isopropyl Alcohol	16	Ounces(OZ)	19-May-21
0001700657	-	CiDehol ST Sterile 70% isopropyl Alcohol	16	Ounces(OZ)	19-May-21
0001700656	-	CiDehol ST Sterile 70% isopropyl Alcohol	16	Ounces(OZ)	19-May-21
0001700655	-	CiDehol ST Sterile 70% isopropyl Alcohol	16	Ounces(OZ)	19-May-21
0001700662	-	CiDehol ST Sterile 70% isopropyl Alcohol	16	Ounces(OZ)	19-May-21
0001700654	-	CiDehol ST Sterile 70% isopropyl Alcohol	16	Ounces(OZ)	19-May-21
0001700653	-	CiDehol ST Sterile 70% isopropyl Alcohol	16	Ounces(OZ)	19-May-21
0001700661	-	CiDehol ST Sterile 70% isopropyl Alcohol	16	Ounces(OZ)	19-May-21
0001700663	109-99-9	TETRAHYDROFURAN	4	Liters(L)	19-May-21
0001700664	-	TRYPTIC SOY BROTH	500	Gram(GM)	19-May-21
0001700665	-	G418 Solution	20	Milliliter(ML)	19-May-21
0001700666	-	Essential 8 Flex Medium Kit	510	Milliliter(ML)	19-May-21
0001700667	-	Essential 8 Flex Medium Kit	510	Milliliter(ML)	19-May-21
0001579457	-	D-Lead Ready to Use Surface Cleaner	1	Gallon(GAL)	19-May-21
0001579470	-	D-Lead Ready to Use Surface Cleaner	1	Gallon(GAL)	19-May-21
0001579471	-	D-Lead Ready to Use Surface Cleaner	1	Gallon(GAL)	19-May-21
0001579469	-	D-Lead Ready to Use Surface Cleaner	1	Gallon(GAL)	19-May-21
0001579468	-	D-Lead Ready to Use Surface Cleaner	1	Gallon(GAL)	19-May-21
0001579467	-	D-Lead Ready to Use Surface Cleaner	1	Gallon(GAL)	19-May-21
0001579472	-	D-Lead Ready to Use Surface Cleaner	1	Gallon(GAL)	19-May-21
0001579473	-	D-Lead Ready to Use Surface Cleaner	1	Gallon(GAL)	19-May-21
0001579474	-	D-Lead Ready to Use Surface Cleaner	1	Gallon(GAL)	19-May-21
0001579466	-	D-Lead Ready to Use Surface Cleaner	1	Gallon(GAL)	19-May-21
0001579476	-	D-Lead Ready to Use Surface Cleaner	1	Gallon(GAL)	19-May-21
0001579459	-	D-Lead Ready to Use Surface Cleaner	1	Gallon(GAL)	19-May-21
0001579477	-	D-Lead Ready to Use Surface Cleaner	1	Gallon(GAL)	19-May-21
0001579478	-	D-Lead Ready to Use Surface Cleaner	1	Gallon(GAL)	19-May-21
0001579479	-	D-Lead Ready to Use Surface Cleaner	1	Gallon(GAL)	19-May-21
0001579480	-	D-Lead Ready to Use Surface Cleaner	1	Gallon(GAL)	19-May-21
0001579475	-	D-Lead Ready to Use Surface Cleaner	1	Gallon(GAL)	19-May-21
0001579464	-	D-Lead Ready to Use Surface Cleaner	1	Gallon(GAL)	19-May-21
0001579463	-	D-Lead Ready to Use Surface Cleaner	1	Gallon(GAL)	19-May-21
0001579462	-	D-Lead Ready to Use Surface Cleaner	1	Gallon(GAL)	19-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001579460	-	D-Lead Ready to Use Surface Cleaner	1	Gallon(GAL)	19-May-21
0001579458	-	D-Lead Ready to Use Surface Cleaner	1	Gallon(GAL)	19-May-21
0001579461	-	D-Lead Ready to Use Surface Cleaner	1	Gallon(GAL)	19-May-21
0001579465	-	D-Lead Ready to Use Surface Cleaner	1	Gallon(GAL)	19-May-21
V0000084B0	-	ARDEX FEATHER FINISH	10	Pounds(LB)	19-May-21
V0000084B3	-	ARDEX FEATHER FINISH	10	Pounds(LB)	19-May-21
V0000084B1	-	ARDEX FEATHER FINISH	10	Pounds(LB)	19-May-21
V0000084AF	-	ARDEX FEATHER FINISH	10	Pounds(LB)	19-May-21
V0000084AE	-	ARDEX FEATHER FINISH	10	Pounds(LB)	19-May-21
V0000084AD	-	ARDEX FEATHER FINISH	10	Pounds(LB)	19-May-21
V0000084AC	-	ARDEX FEATHER FINISH	10	Pounds(LB)	19-May-21
V0000084AB	-	ARDEX FEATHER FINISH	10	Pounds(LB)	19-May-21
V0000084AA	-	ARDEX FEATHER FINISH	10	Pounds(LB)	19-May-21
V0000084B2	-	ARDEX FEATHER FINISH	10	Pounds(LB)	19-May-21
0001579481	-	MOBIL DTE 24	5	Gallon(GAL)	19-May-21
0001579482	-	MOBIL DTE 24	5	Gallon(GAL)	19-May-21
V0000084B4	68411-46-1	Atlas Copco Roto Z	1	Gallon(GAL)	19-May-21
V0000084B7	68411-46-1	Atlas Copco Roto Z	1	Gallon(GAL)	19-May-21
V0000084B5	68411-46-1	Atlas Copco Roto Z	1	Gallon(GAL)	19-May-21
V0000084B6	68411-46-1	Atlas Copco Roto Z	1	Gallon(GAL)	19-May-21
0001579483	-	ROTO Z	5	Gallon(GAL)	19-May-21
0001579484	-	ROTO Z	5	Gallon(GAL)	19-May-21
0001579485	-	SULLAIR SULLUBE	5	Gallon(GAL)	19-May-21
0001436653	-	Hercules Plumber's Caulk White	6	Ounces(OZ)	19-May-21
0001436685	-	Hercules Plumber's Caulk White	6	Ounces(OZ)	19-May-21
0001436691	-	Hercules Plumber's Caulk White	6	Ounces(OZ)	19-May-21
0001436690	-	Hercules Plumber's Caulk White	6	Ounces(OZ)	19-May-21
0001436682	-	Hercules Plumber's Caulk White	6	Ounces(OZ)	19-May-21
0001436684	-	Hercules Plumber's Caulk White	6	Ounces(OZ)	19-May-21
0001436686	-	Hercules Plumber's Caulk White	6	Ounces(OZ)	19-May-21
0001436687	-	Hercules Plumber's Caulk White	6	Ounces(OZ)	19-May-21
0001436683	-	Hercules Plumber's Caulk White	6	Ounces(OZ)	19-May-21
0001436693	-	Hercules Plumber's Caulk White	6	Ounces(OZ)	19-May-21
0001436694	-	Hercules Plumber's Caulk White	6	Ounces(OZ)	19-May-21
0001436695	-	Hercules Plumber's Caulk White	6	Ounces(OZ)	19-May-21
0001436700	-	Hercules Plumber's Caulk White	6	Ounces(OZ)	19-May-21
0001436654	-	Hercules Plumber's Caulk White	6	Ounces(OZ)	19-May-21
0001436696	-	Hercules Plumber's Caulk White	6	Ounces(OZ)	19-May-21
0001436697	-	Hercules Plumber's Caulk White	6	Ounces(OZ)	19-May-21
0001436698	-	Hercules Plumber's Caulk White	6	Ounces(OZ)	19-May-21
0001436699	-	Hercules Plumber's Caulk White	6	Ounces(OZ)	19-May-21
0001436688	-	Hercules Plumber's Caulk White	6	Ounces(OZ)	19-May-21
0001436692	-	Hercules Plumber's Caulk White	6	Ounces(OZ)	19-May-21
0001436667	-	Hercules Plumber's Caulk White	6	Ounces(OZ)	19-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001436655	-	Hercules Plumber's Caulk White	6	Ounces(OZ)	19-May-21
0001436689	-	Hercules Plumber's Caulk White	6	Ounces(OZ)	19-May-21
0001436657	-	Hercules Plumber's Caulk White	6	Ounces(OZ)	19-May-21
0001436658	-	Hercules Plumber's Caulk White	6	Ounces(OZ)	19-May-21
0001436659	-	Hercules Plumber's Caulk White	6	Ounces(OZ)	19-May-21
0001436660	-	Hercules Plumber's Caulk White	6	Ounces(OZ)	19-May-21
0001436661	-	Hercules Plumber's Caulk White	6	Ounces(OZ)	19-May-21
0001436662	-	Hercules Plumber's Caulk White	6	Ounces(OZ)	19-May-21
0001436663	-	Hercules Plumber's Caulk White	6	Ounces(OZ)	19-May-21
0001436664	-	Hercules Plumber's Caulk White	6	Ounces(OZ)	19-May-21
0001436665	-	Hercules Plumber's Caulk White	6	Ounces(OZ)	19-May-21
0001436656	-	Hercules Plumber's Caulk White	6	Ounces(OZ)	19-May-21
0001436666	-	Hercules Plumber's Caulk White	6	Ounces(OZ)	19-May-21
0001436674	-	Hercules Plumber's Caulk White	6	Ounces(OZ)	19-May-21
0001436680	-	Hercules Plumber's Caulk White	6	Ounces(OZ)	19-May-21
0001436679	-	Hercules Plumber's Caulk White	6	Ounces(OZ)	19-May-21
0001436678	-	Hercules Plumber's Caulk White	6	Ounces(OZ)	19-May-21
0001436677	-	Hercules Plumber's Caulk White	6	Ounces(OZ)	19-May-21
0001436675	-	Hercules Plumber's Caulk White	6	Ounces(OZ)	19-May-21
0001436681	-	Hercules Plumber's Caulk White	6	Ounces(OZ)	19-May-21
0001436673	-	Hercules Plumber's Caulk White	6	Ounces(OZ)	19-May-21
0001436672	-	Hercules Plumber's Caulk White	6	Ounces(OZ)	19-May-21
0001436671	-	Hercules Plumber's Caulk White	6	Ounces(OZ)	19-May-21
0001436670	-	Hercules Plumber's Caulk White	6	Ounces(OZ)	19-May-21
0001436669	-	Hercules Plumber's Caulk White	6	Ounces(OZ)	19-May-21
0001436668	-	Hercules Plumber's Caulk White	6	Ounces(OZ)	19-May-21
0001436676	-	Hercules Plumber's Caulk White	6	Ounces(OZ)	19-May-21
0001420798	-	FANTASTIK ALL PURPOSE CLEANER	32	Ounces(OZ)	19-May-21
0001320320	-	NBS 960 (U3O8)	18	Gram(GM)	19-May-21
0001646904	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	19-May-21
0001646900	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	19-May-21
0001646902	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	19-May-21
0001646907	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	19-May-21
0001646906	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	19-May-21
0001646905	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	19-May-21
0001646901	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	19-May-21
0001646899	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	19-May-21
0001646898	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	19-May-21
0001646897	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	19-May-21
0001646896	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	19-May-21
0001646895	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	19-May-21
0001646894	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	19-May-21
0001646893	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	19-May-21
0001646903	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	19-May-21
0001423403	-	LUBRICANT	1	Quarts(QT)	19-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001423413	-	LUBRICANT	1	Quarts(QT)	19-May-21
0001423411	-	LUBRICANT	1	Quarts(QT)	19-May-21
0001423412	-	LUBRICANT	1	Quarts(QT)	19-May-21
0001423404	-	LUBRICANT	1	Quarts(QT)	19-May-21
0001423405	-	LUBRICANT	1	Quarts(QT)	19-May-21
0001423406	-	LUBRICANT	1	Quarts(QT)	19-May-21
0001423407	-	LUBRICANT	1	Quarts(QT)	19-May-21
0001423408	-	LUBRICANT	1	Quarts(QT)	19-May-21
0001423414	-	LUBRICANT	1	Quarts(QT)	19-May-21
0001423409	-	LUBRICANT	1	Quarts(QT)	19-May-21
0001423410	-	LUBRICANT	1	Quarts(QT)	19-May-21
0001700668	-	Pierce DSG No-Weigh Format (disuccinimidyl glutarate)	1	Milligram(MG)	20-May-21
0001700669	-	10X TAE Buffer	1	Liters(L)	20-May-21
0001700670	-	10X TAE Buffer	1	Liters(L)	20-May-21
0001700671	77-90-7	ACETYL TRIBUTYL CITRATE	1	Kilograms(KG)	20-May-21
0001700672	7785-84-4	SODIUM TRIMETAPHOSPHATE	1	Kilograms(KG)	20-May-21
0001700422	-	KNiFC-PAN	50	Gram(GM)	20-May-21
0001700237	-	iTaq Universal SYBR Green Supermix	2	Milliliter(ML)	20-May-21
0001420787	-	URANIUM STANDARD	10	Milligram(MG)	20-May-21
0001420796	7757-79-1	Potassium Nitrate Solution	50	Milliliter(ML)	20-May-21
0001700791	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700847	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700839	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700840	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700841	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700843	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700826	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700844	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700845	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700846	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700838	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700842	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700837	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700836	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700835	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700834	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700833	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700832	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700831	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700830	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700829	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700848	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700827	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700875	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001700825	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700824	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700828	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700873	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700823	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700861	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700862	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700863	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700864	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700865	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700866	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700867	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700868	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700869	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700870	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700859	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700872	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700849	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700874	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700876	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700858	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700857	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700856	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700855	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700854	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700853	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700852	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700851	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700850	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700871	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700797	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700805	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700804	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700803	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700802	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700801	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700806	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700799	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700798	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700795	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700794	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700860	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700792	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700822	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700793	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001700800	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700817	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700796	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700807	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700820	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700818	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700821	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700816	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700815	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700809	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700819	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700808	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700810	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700811	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700812	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700813	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700814	7440-55-3	GALLIUM INGOT	25	Gram(GM)	20-May-21
0001700877	7697-37-2	NITRIC ACID	2.5	Liters(L)	20-May-21
0001700878	7697-37-2	NITRIC ACID	2.5	Liters(L)	20-May-21
0001700880	7697-37-2	NITRIC ACID	2.5	Liters(L)	20-May-21
0001700881	7697-37-2	NITRIC ACID	2.5	Liters(L)	20-May-21
0001700879	7697-37-2	NITRIC ACID	2.5	Liters(L)	20-May-21
0001700882	7664-93-9	Sulfuric Acid	2.5	Liters(L)	20-May-21
0001700887	7664-93-9	Sulfuric Acid	2.5	Liters(L)	20-May-21
0001700886	7664-93-9	Sulfuric Acid	2.5	Liters(L)	20-May-21
0001700885	7664-93-9	Sulfuric Acid	2.5	Liters(L)	20-May-21
0001700884	7664-93-9	Sulfuric Acid	2.5	Liters(L)	20-May-21
0001700883	7664-93-9	Sulfuric Acid	2.5	Liters(L)	20-May-21
0001700702	24980-41-4	POLYCAPROLACTONE	500	Gram(GM)	20-May-21
0001700705	24980-41-4	POLYCAPROLACTONE	500	Gram(GM)	20-May-21
0001700703	24980-41-4	POLYCAPROLACTONE	500	Gram(GM)	20-May-21
0001700704	24980-41-4	POLYCAPROLACTONE	500	Gram(GM)	20-May-21
0001700706	24980-41-4	POLYCAPROLACTONE	500	Gram(GM)	20-May-21
0001700707	24980-41-4	POLYCAPROLACTONE	500	Gram(GM)	20-May-21
0001700708	24980-41-4	POLYCAPROLACTONE	500	Gram(GM)	20-May-21
0001700709	24980-41-4	POLYCAPROLACTONE	500	Gram(GM)	20-May-21
0001700698	2206-26-0	ACETONITRILE D3	5	Gram(GM)	20-May-21
0001700701	2206-26-0	ACETONITRILE D3	5	Gram(GM)	20-May-21
0001700700	2206-26-0	ACETONITRILE D3	5	Gram(GM)	20-May-21
0001700699	2206-26-0	ACETONITRILE D3	5	Gram(GM)	20-May-21
0001611696	10534-89-1	HEXAAMMINECOBALT(III) CHLORIDE	25	Gram(GM)	20-May-21
0001611698	18497-13-7	CHLOROPLATINIC ACID HEXAHYDRATE	5	Gram(GM)	20-May-21
0001611699	18497-13-7	CHLOROPLATINIC ACID HEXAHYDRATE	5	Gram(GM)	20-May-21
0001611700	7791-13-1	COBALT(II) CHLORIDE HEXAHYDRATE	100	Gram(GM)	20-May-21
0001611704	92-94-4	P-TERPHENYL	5	Gram(GM)	20-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001611705	1333317-99-9	Poly[bis(4-phenyl)(2 4 6-trimethylphenyl)amine]	1	Gram(GM)	20-May-21
0001700675	156-87-6	3-AMINO-1-PROPANOL	125	Milliliter(ML)	20-May-21
0001700678	-	System 2000 Epoxy Resin	1	Gallon(GAL)	20-May-21
0001700681	-	NOKORODE REGULAR PASTE FLUX (LEAD-FREE)	1.7	Ounces(OZ)	20-May-21
0001700684	-	NOKORODE REGULAR PASTE FLUX (LEAD-FREE)	1.7	Ounces(OZ)	20-May-21
0001700683	-	NOKORODE REGULAR PASTE FLUX (LEAD-FREE)	1.7	Ounces(OZ)	20-May-21
0001700682	-	NOKORODE REGULAR PASTE FLUX (LEAD-FREE)	1.7	Ounces(OZ)	20-May-21
0001700685	4048-33-3	6-AMINO-1-HEXANOL	100	Gram(GM)	20-May-21
0001700686	4048-33-3	6-AMINO-1-HEXANOL	100	Gram(GM)	20-May-21
0001700687	-	DESS-MARTIN PERIODINANE	100	Gram(GM)	20-May-21
0001700688	68076-36-8	N-Boc-1 4-butanediamine	100	Gram(GM)	20-May-21
0001700695	25322-68-3	POLYETHYLENE GLYCOL 400	1000	Liters(L)	20-May-21
0001700696	7722-84-1	HYDROGEN PEROXIDE SOLUTION	4	Liters(L)	20-May-21
0001700697	1114-34-7	D-LYXOSE	5	Gram(GM)	20-May-21
0001700689	64-17-5	ETHYL ALCOHOL PURE	1	Liters(L)	20-May-21
0001700693	64-17-5	ETHYL ALCOHOL PURE	1	Liters(L)	20-May-21
0001700692	64-17-5	ETHYL ALCOHOL PURE	1	Liters(L)	20-May-21
0001700691	64-17-5	ETHYL ALCOHOL PURE	1	Liters(L)	20-May-21
0001700690	64-17-5	ETHYL ALCOHOL PURE	1	Liters(L)	20-May-21
0001700694	64-17-5	ETHYL ALCOHOL PURE	1	Liters(L)	20-May-21
0001579486	115-07-1	Victor Premium Hand Torch Fuel	14.1	Ounces(OZ)	21-May-21
0001579487	115-07-1	Victor Premium Hand Torch Fuel	14.1	Ounces(OZ)	21-May-21
0001579567	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579595	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579589	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579590	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579591	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579592	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579600	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579594	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579601	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579596	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579597	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579598	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579599	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579581	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579588	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579593	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579574	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579583	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579582	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579620	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579580	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579602	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001579578	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579577	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579579	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579575	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579587	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579573	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579572	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579571	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579570	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579569	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579568	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579585	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579586	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579576	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579636	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579618	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579628	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579629	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579630	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579631	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579632	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579633	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579626	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579635	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579624	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579637	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579638	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579639	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579640	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579641	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579623	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579584	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579634	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579613	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579604	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579605	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579606	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579607	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579608	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579609	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579610	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579627	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579612	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579603	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579614	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001579615	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579616	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579617	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579619	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579621	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579622	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579611	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001579625	-	ARDEX FEATHER FINISH	50	Pounds(LB)	21-May-21
0001420788	-	CORROSION INHIBITOR	1	Pint(PT)	21-May-21
0001420789	-	CORROSION INHIBITOR	1	Pint(PT)	21-May-21
0001420797	-	CORROSION INHIBITOR	1	Pint(PT)	21-May-21
0001040655	-	CORROSION INHIBITOR	1	Pint(PT)	21-May-21
V0000084D6	-	SHEETROCK LIGHTWEIGHT ALL PURPOSE JOINT COMPOUND	4	Gallon(GAL)	21-May-21
V0000084D0	-	SHEETROCK LIGHTWEIGHT ALL PURPOSE JOINT COMPOUND	4	Gallon(GAL)	21-May-21
V0000084D5	-	SHEETROCK LIGHTWEIGHT ALL PURPOSE JOINT COMPOUND	4	Gallon(GAL)	21-May-21
V0000084CB	-	SHEETROCK LIGHTWEIGHT ALL PURPOSE JOINT COMPOUND	4	Gallon(GAL)	21-May-21
V0000084D4	-	SHEETROCK LIGHTWEIGHT ALL PURPOSE JOINT COMPOUND	4	Gallon(GAL)	21-May-21
V0000084D3	-	SHEETROCK LIGHTWEIGHT ALL PURPOSE JOINT COMPOUND	4	Gallon(GAL)	21-May-21
V0000084D1	-	SHEETROCK LIGHTWEIGHT ALL PURPOSE JOINT COMPOUND	4	Gallon(GAL)	21-May-21
V0000084CF	-	SHEETROCK LIGHTWEIGHT ALL PURPOSE JOINT COMPOUND	4	Gallon(GAL)	21-May-21
V0000084CE	-	SHEETROCK LIGHTWEIGHT ALL PURPOSE JOINT COMPOUND	4	Gallon(GAL)	21-May-21
V0000084CD	-	SHEETROCK LIGHTWEIGHT ALL PURPOSE JOINT COMPOUND	4	Gallon(GAL)	21-May-21
V0000084CC	-	SHEETROCK LIGHTWEIGHT ALL PURPOSE JOINT COMPOUND	4	Gallon(GAL)	21-May-21
V0000084C1	-	SHEETROCK LIGHTWEIGHT ALL PURPOSE JOINT COMPOUND	4	Gallon(GAL)	21-May-21
V0000084BE	-	SHEETROCK LIGHTWEIGHT ALL PURPOSE JOINT COMPOUND	4	Gallon(GAL)	21-May-21
V0000084D2	-	SHEETROCK LIGHTWEIGHT ALL PURPOSE JOINT COMPOUND	4	Gallon(GAL)	21-May-21
V0000084C0	-	SHEETROCK LIGHTWEIGHT ALL PURPOSE JOINT COMPOUND	4	Gallon(GAL)	21-May-21
V0000084CA	-	SHEETROCK LIGHTWEIGHT ALL PURPOSE JOINT COMPOUND	4	Gallon(GAL)	21-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V0000084C2	-	SHEETROCK LIGHTWEIGHT ALL PURPOSE JOINT COMPOUND	4	Gallon(GAL)	21-May-21
V0000084C3	-	SHEETROCK LIGHTWEIGHT ALL PURPOSE JOINT COMPOUND	4	Gallon(GAL)	21-May-21
V0000084C5	-	SHEETROCK LIGHTWEIGHT ALL PURPOSE JOINT COMPOUND	4	Gallon(GAL)	21-May-21
V0000084BF	-	SHEETROCK LIGHTWEIGHT ALL PURPOSE JOINT COMPOUND	4	Gallon(GAL)	21-May-21
V0000084C4	-	SHEETROCK LIGHTWEIGHT ALL PURPOSE JOINT COMPOUND	4	Gallon(GAL)	21-May-21
V0000084C8	-	SHEETROCK LIGHTWEIGHT ALL PURPOSE JOINT COMPOUND	4	Gallon(GAL)	21-May-21
V0000084C7	-	SHEETROCK LIGHTWEIGHT ALL PURPOSE JOINT COMPOUND	4	Gallon(GAL)	21-May-21
V0000084C9	-	SHEETROCK LIGHTWEIGHT ALL PURPOSE JOINT COMPOUND	4	Gallon(GAL)	21-May-21
V0000084C6	-	SHEETROCK LIGHTWEIGHT ALL PURPOSE JOINT COMPOUND	4	Gallon(GAL)	21-May-21
0001579642	-	MULE-HIDE # 410 PREMIUM NON-FIBRATED ALUMINUM	4.7	Gallon(GAL)	21-May-21
0001579643	-	MULE-HIDE # 410 PREMIUM NON-FIBRATED ALUMINUM	4.7	Gallon(GAL)	21-May-21
0001579644	-	Zinsser BULLS EYE 1-2-3	5	Gallon(GAL)	21-May-21
0001579645	-	Ardex P 51	1	Gallon(GAL)	21-May-21
0001579649	-	Ardex P 51	1	Gallon(GAL)	21-May-21
0001579655	-	Ardex P 51	1	Gallon(GAL)	21-May-21
0001579654	-	Ardex P 51	1	Gallon(GAL)	21-May-21
0001579653	-	Ardex P 51	1	Gallon(GAL)	21-May-21
0001579652	-	Ardex P 51	1	Gallon(GAL)	21-May-21
0001579650	-	Ardex P 51	1	Gallon(GAL)	21-May-21
0001579656	-	Ardex P 51	1	Gallon(GAL)	21-May-21
0001579648	-	Ardex P 51	1	Gallon(GAL)	21-May-21
0001579647	-	Ardex P 51	1	Gallon(GAL)	21-May-21
0001579646	-	Ardex P 51	1	Gallon(GAL)	21-May-21
0001579651	-	Ardex P 51	1	Gallon(GAL)	21-May-21
0001579657	-	PLAZA PLUS Sealer/Finish	5	Gallon(GAL)	21-May-21
0001579658	-	PLAZA PLUS Sealer/Finish	5	Gallon(GAL)	21-May-21
0001579659	-	CHEMSAFE CLEAR (CARB Compliant)	5	Gallon(GAL)	21-May-21
0001579660	-	PSX 700 CURE	0.2	Gallon(GAL)	21-May-21
0001579661	-	PSX 700 CURE	0.2	Gallon(GAL)	21-May-21
0001579662	-	PSX 700 CURE	0.2	Gallon(GAL)	21-May-21
0001579663	-	PSX 700 CURE	0.2	Gallon(GAL)	21-May-21
V0000084D8	-	Henry 430 ClearPro Clear VCT Floor Adhesive	4	Gallon(GAL)	21-May-21
V0000084D7	-	Henry 430 ClearPro Clear VCT Floor Adhesive	4	Gallon(GAL)	21-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V0000084DA	-	Henry 430 ClearPro Clear VCT Floor Adhesive	4	Gallon(GAL)	21-May-21
V0000084D9	-	Henry 430 ClearPro Clear VCT Floor Adhesive	4	Gallon(GAL)	21-May-21
V0000084E1	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	21-May-21
V0000084E5	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	21-May-21
V0000084E6	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	21-May-21
V0000084E8	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	21-May-21
V0000084E9	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	21-May-21
V0000084EA	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	21-May-21
V0000084E4	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	21-May-21
V0000084E2	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	21-May-21
V0000084E0	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	21-May-21
V0000084DB	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	21-May-21
V0000084DC	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	21-May-21
V0000084DD	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	21-May-21
V0000084F7	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	21-May-21
V0000084DF	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	21-May-21
V0000084DE	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	21-May-21
V0000084EB	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	21-May-21
V0000084E3	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	21-May-21
V0000084FB	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	21-May-21
V0000084F5	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	21-May-21
V0000084FC	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	21-May-21
V0000084EC	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	21-May-21
V0000084FA	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	21-May-21
V0000084F9	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	21-May-21
V0000084F8	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	21-May-21
V0000084E7	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	21-May-21
V0000084F6	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	21-May-21
V0000084F4	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	21-May-21
V0000084EF	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	21-May-21
V0000084F3	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	21-May-21
V0000084EE	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	21-May-21
V0000084F0	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	21-May-21
V0000084F1	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	21-May-21
V0000084F2	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	21-May-21
V0000084ED	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	21-May-21
0001579664	-	ARDEX P 4 Primer	1	Gallon(GAL)	21-May-21
0001579672	-	ARDEX P 4 Primer	1	Gallon(GAL)	21-May-21
0001579668	-	ARDEX P 4 Primer	1	Gallon(GAL)	21-May-21
0001579677	-	ARDEX P 4 Primer	1	Gallon(GAL)	21-May-21
0001579676	-	ARDEX P 4 Primer	1	Gallon(GAL)	21-May-21
0001579675	-	ARDEX P 4 Primer	1	Gallon(GAL)	21-May-21
0001579674	-	ARDEX P 4 Primer	1	Gallon(GAL)	21-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001579673	-	ARDEX P 4 Primer	1	Gallon(GAL)	21-May-21
0001579667	-	ARDEX P 4 Primer	1	Gallon(GAL)	21-May-21
0001579665	-	ARDEX P 4 Primer	1	Gallon(GAL)	21-May-21
0001579670	-	ARDEX P 4 Primer	1	Gallon(GAL)	21-May-21
0001579666	-	ARDEX P 4 Primer	1	Gallon(GAL)	21-May-21
0001579671	-	ARDEX P 4 Primer	1	Gallon(GAL)	21-May-21
0001579669	-	ARDEX P 4 Primer	1	Gallon(GAL)	21-May-21
0001579704	-	ARDEX P 4 Primer	1	Gallon(GAL)	21-May-21
0001579707	-	ARDEX P 4 Primer	1	Gallon(GAL)	21-May-21
0001579706	-	ARDEX P 4 Primer	1	Gallon(GAL)	21-May-21
0001579705	-	ARDEX P 4 Primer	1	Gallon(GAL)	21-May-21
0001579678	-	Signature Series 5080 Pressure Sensitive Adhesive	4	Gallon(GAL)	21-May-21
0001579681	-	Signature Series 5080 Pressure Sensitive Adhesive	4	Gallon(GAL)	21-May-21
0001579685	-	Signature Series 5080 Pressure Sensitive Adhesive	4	Gallon(GAL)	21-May-21
0001579686	-	Signature Series 5080 Pressure Sensitive Adhesive	4	Gallon(GAL)	21-May-21
0001579687	-	Signature Series 5080 Pressure Sensitive Adhesive	4	Gallon(GAL)	21-May-21
0001579688	-	Signature Series 5080 Pressure Sensitive Adhesive	4	Gallon(GAL)	21-May-21
0001579680	-	Signature Series 5080 Pressure Sensitive Adhesive	4	Gallon(GAL)	21-May-21
0001579682	-	Signature Series 5080 Pressure Sensitive Adhesive	4	Gallon(GAL)	21-May-21
0001579684	-	Signature Series 5080 Pressure Sensitive Adhesive	4	Gallon(GAL)	21-May-21
0001579679	-	Signature Series 5080 Pressure Sensitive Adhesive	4	Gallon(GAL)	21-May-21
0001579683	-	Signature Series 5080 Pressure Sensitive Adhesive	4	Gallon(GAL)	21-May-21
V00000850B	-	ARDEX FEATHER FINISH	1	Pounds(LB)	21-May-21
V00000850A	-	ARDEX FEATHER FINISH	1	Pounds(LB)	21-May-21
V00000850C	-	ARDEX FEATHER FINISH	1	Pounds(LB)	21-May-21
V000008500	-	ARDEX FEATHER FINISH	1	Pounds(LB)	21-May-21
V000008505	-	ARDEX FEATHER FINISH	1	Pounds(LB)	21-May-21
V000008509	-	ARDEX FEATHER FINISH	1	Pounds(LB)	21-May-21
V000008508	-	ARDEX FEATHER FINISH	1	Pounds(LB)	21-May-21
V000008507	-	ARDEX FEATHER FINISH	1	Pounds(LB)	21-May-21
V000008506	-	ARDEX FEATHER FINISH	1	Pounds(LB)	21-May-21
V000008504	-	ARDEX FEATHER FINISH	1	Pounds(LB)	21-May-21
V000008503	-	ARDEX FEATHER FINISH	1	Pounds(LB)	21-May-21
V0000084FD	-	ARDEX FEATHER FINISH	1	Pounds(LB)	21-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000008501	-	ARDEX FEATHER FINISH	1	Pounds(LB)	21-May-21
V0000084FF	-	ARDEX FEATHER FINISH	1	Pounds(LB)	21-May-21
V0000084FE	-	ARDEX FEATHER FINISH	1	Pounds(LB)	21-May-21
V000008502	-	ARDEX FEATHER FINISH	1	Pounds(LB)	21-May-21
0001579689	-	Satinamel W/B	1	Gallon(GAL)	21-May-21
0001579692	-	Satinamel W/B	1	Gallon(GAL)	21-May-21
0001579703	-	Satinamel W/B	1	Gallon(GAL)	21-May-21
0001579690	-	Satinamel W/B	1	Gallon(GAL)	21-May-21
0001579693	-	Satinamel W/B	1	Gallon(GAL)	21-May-21
0001579694	-	Satinamel W/B	1	Gallon(GAL)	21-May-21
0001579695	-	Satinamel W/B	1	Gallon(GAL)	21-May-21
0001579696	-	Satinamel W/B	1	Gallon(GAL)	21-May-21
0001579697	-	Satinamel W/B	1	Gallon(GAL)	21-May-21
0001579698	-	Satinamel W/B	1	Gallon(GAL)	21-May-21
0001579699	-	Satinamel W/B	1	Gallon(GAL)	21-May-21
0001579700	-	Satinamel W/B	1	Gallon(GAL)	21-May-21
0001579701	-	Satinamel W/B	1	Gallon(GAL)	21-May-21
0001579702	-	Satinamel W/B	1	Gallon(GAL)	21-May-21
0001579691	-	Satinamel W/B	1	Gallon(GAL)	21-May-21
0001579708	-	808-7214 COLORTREND E PHTHALO BLUE	32	Ounces(OZ)	21-May-21
0001579710	-	808-7214 COLORTREND E PHTHALO BLUE	32	Ounces(OZ)	21-May-21
0001579711	-	808-7214 COLORTREND E PHTHALO BLUE	32	Ounces(OZ)	21-May-21
0001579712	-	808-7214 COLORTREND E PHTHALO BLUE	32	Ounces(OZ)	21-May-21
0001579713	-	808-7214 COLORTREND E PHTHALO BLUE	32	Ounces(OZ)	21-May-21
0001579709	-	808-7214 COLORTREND E PHTHALO BLUE	32	Ounces(OZ)	21-May-21
0001579714	-	808-9907 COLORTREND B LAMP BLACK	32	Ounces(OZ)	21-May-21
0001579721	-	808-9907 COLORTREND B LAMP BLACK	32	Ounces(OZ)	21-May-21
0001579715	-	808-9907 COLORTREND B LAMP BLACK	32	Ounces(OZ)	21-May-21
0001579724	-	808-9907 COLORTREND B LAMP BLACK	32	Ounces(OZ)	21-May-21
0001579725	-	808-9907 COLORTREND B LAMP BLACK	32	Ounces(OZ)	21-May-21
0001579723	-	808-9907 COLORTREND B LAMP BLACK	32	Ounces(OZ)	21-May-21
0001579722	-	808-9907 COLORTREND B LAMP BLACK	32	Ounces(OZ)	21-May-21
0001579719	-	808-9907 COLORTREND B LAMP BLACK	32	Ounces(OZ)	21-May-21
0001579718	-	808-9907 COLORTREND B LAMP BLACK	32	Ounces(OZ)	21-May-21
0001579716	-	808-9907 COLORTREND B LAMP BLACK	32	Ounces(OZ)	21-May-21
0001579720	-	808-9907 COLORTREND B LAMP BLACK	32	Ounces(OZ)	21-May-21
0001579717	-	808-9907 COLORTREND B LAMP BLACK	32	Ounces(OZ)	21-May-21
0001579726	-	Floetrol FLD6	1	Gallon(GAL)	21-May-21
0001579728	-	Floetrol FLD6	1	Gallon(GAL)	21-May-21
0001579737	-	Floetrol FLD6	1	Gallon(GAL)	21-May-21
0001579736	-	Floetrol FLD6	1	Gallon(GAL)	21-May-21
0001579735	-	Floetrol FLD6	1	Gallon(GAL)	21-May-21
0001579733	-	Floetrol FLD6	1	Gallon(GAL)	21-May-21
0001579731	-	Floetrol FLD6	1	Gallon(GAL)	21-May-21
0001579729	-	Floetrol FLD6	1	Gallon(GAL)	21-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001579727	-	Floetrol FLD6	1	Gallon(GAL)	21-May-21
0001579732	-	Floetrol FLD6	1	Gallon(GAL)	21-May-21
0001579730	-	Floetrol FLD6	1	Gallon(GAL)	21-May-21
0001579734	-	Floetrol FLD6	1	Gallon(GAL)	21-May-21
0001579738	-	SHEETROCK Brand PLUS 3 Lightweight All Purpose Joint Compound Ready-Mixed	4.5	Gallon(GAL)	21-May-21
0001579739	-	SHEETROCK Brand PLUS 3 Lightweight All Purpose Joint Compound Ready-Mixed	4.5	Gallon(GAL)	21-May-21
0001579740	-	SHEETROCK Brand PLUS 3 Lightweight All Purpose Joint Compound Ready-Mixed	4.5	Gallon(GAL)	21-May-21
0001579741	-	SHEETROCK Brand PLUS 3 Lightweight All Purpose Joint Compound Ready-Mixed	4.5	Gallon(GAL)	21-May-21
0001579742	-	SHEETROCK Brand PLUS 3 Lightweight All Purpose Joint Compound Ready-Mixed	4.5	Gallon(GAL)	21-May-21
0001579743	-	SHEETROCK Brand PLUS 3 Lightweight All Purpose Joint Compound Ready-Mixed	4.5	Gallon(GAL)	21-May-21
0001541882	67-63-0	ISOPROPYL ALCOHOL	16	Ounces(OZ)	21-May-21
0001700676	7440-42-8	BORON POWDER	15	Gram(GM)	24-May-21
0001700679	-	EPOXY HARDENER	1	Quarts(QT)	24-May-21
0001700680	-	SYNTHETIC OIL 176H	1	Liters(L)	24-May-21
0001386366	-	epoxy primer sealer part a	1.5	Gallon(GAL)	24-May-21
0001386367	-	epoxy primer sealer part b	1.5	Gallon(GAL)	24-May-21
0001700600	108-95-2	Liquified Phenol	500	Milliliter(ML)	24-May-21
0001700601	5283-66-9	OCTYLTRICHLOROSILANE	100	Gram(GM)	24-May-21
0001700710	67-64-1	ACETONE FOR HPLC	4	Liters(L)	24-May-21
0001700711	67-64-1	ACETONE FOR HPLC	4	Liters(L)	24-May-21
0001700712	67-64-1	ACETONE FOR HPLC	4	Liters(L)	24-May-21
0001700713	67-64-1	ACETONE FOR HPLC	4	Liters(L)	24-May-21
0001700714	67-64-1	ACETONE FOR HPLC	4	Liters(L)	24-May-21
0001700715	67-64-1	ACETONE FOR HPLC	4	Liters(L)	24-May-21
0001700716	67-64-1	ACETONE FOR HPLC	4	Liters(L)	24-May-21
0001700717	67-64-1	ACETONE FOR HPLC	4	Liters(L)	24-May-21
0001700718	7697-37-2	NITRIC ACID	2	Liters(L)	24-May-21
0001700719	7697-37-2	Nitric acid (65 - 70%)	2.5	Liters(L)	24-May-21
0001700720	60-29-7	ETHYL ETHER	4	Liters(L)	24-May-21
0001700721	142-82-5	HEPTANE	4	Liters(L)	24-May-21
0001700722	10424-65-4	TETRAMETHYLAMMONIUM HYDROXIDE PENTAHYDRATE	100	Gram(GM)	24-May-21
0001700723	-	DOW CORNING 736 HEAT RESISTANT / SEALANT	90	Milliliter(ML)	24-May-21
0001700753	12125-02-9	AMMONIUM CHLORIDE	3	Kilograms(KG)	24-May-21
0001700754	-	TELLURIUM METAL	100	Milligram(MG)	24-May-21
0001700761	7681-11-0	POTASSIUM IODIDE	25	Gram(GM)	24-May-21
0001700762	7681-11-0	POTASSIUM IODIDE	25	Gram(GM)	24-May-21
0001700763	7647-17-8	CESIUM CHLORIDE	100	Gram(GM)	24-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001700764	-	OP-S NonDry	1	Liters(L)	24-May-21
0001700767	-	OP-S NonDry	1	Liters(L)	24-May-21
0001700766	-	OP-S NonDry	1	Liters(L)	24-May-21
0001700768	-	OP-S NonDry	1	Liters(L)	24-May-21
0001700773	-	OP-S NonDry	1	Liters(L)	24-May-21
0001700772	-	OP-S NonDry	1	Liters(L)	24-May-21
0001700765	-	OP-S NonDry	1	Liters(L)	24-May-21
0001700771	-	OP-S NonDry	1	Liters(L)	24-May-21
0001700770	-	OP-S NonDry	1	Liters(L)	24-May-21
0001700769	-	OP-S NonDry	1	Liters(L)	24-May-21
0001700779	-	Haas Liquid Grease	1	Gallon(GAL)	24-May-21
0001700778	78-10-4	Tetraethoxysilane min. 98% TEOS	500	Gram(GM)	24-May-21
0001040657	7758-02-3	KBR XL SPECTROGRADE POWDER	100	Gram(GM)	24-May-21
0001040658	7758-02-3	KBR XL SPECTROGRADE POWDER	100	Gram(GM)	24-May-21
0001700747	-	DOW CORNING 736 HEAT RESISTANT / SEALANT	90	Milliliter(ML)	25-May-21
0001700724	-	DOW CORNING 736 HEAT RESISTANT / SEALANT	90	Milliliter(ML)	25-May-21
0001700749	-	DOW CORNING 736 HEAT RESISTANT / SEALANT	90	Milliliter(ML)	25-May-21
0001700750	-	DOW CORNING 736 HEAT RESISTANT / SEALANT	90	Milliliter(ML)	25-May-21
0001700751	-	DOW CORNING 736 HEAT RESISTANT / SEALANT	90	Milliliter(ML)	25-May-21
0001700752	-	DOW CORNING 736 HEAT RESISTANT / SEALANT	90	Milliliter(ML)	25-May-21
0001700725	-	DOW CORNING 736 HEAT RESISTANT / SEALANT	90	Milliliter(ML)	25-May-21
0001700746	-	DOW CORNING 736 HEAT RESISTANT / SEALANT	90	Milliliter(ML)	25-May-21
0001700748	-	DOW CORNING 736 HEAT RESISTANT / SEALANT	90	Milliliter(ML)	25-May-21
0001700732	-	DOW CORNING 736 HEAT RESISTANT / SEALANT	90	Milliliter(ML)	25-May-21
0001700726	-	DOW CORNING 736 HEAT RESISTANT / SEALANT	90	Milliliter(ML)	25-May-21
0001700743	-	DOW CORNING 736 HEAT RESISTANT / SEALANT	90	Milliliter(ML)	25-May-21
0001700741	-	DOW CORNING 736 HEAT RESISTANT / SEALANT	90	Milliliter(ML)	25-May-21
0001700739	-	DOW CORNING 736 HEAT RESISTANT / SEALANT	90	Milliliter(ML)	25-May-21
0001700738	-	DOW CORNING 736 HEAT RESISTANT / SEALANT	90	Milliliter(ML)	25-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001700737	-	DOW CORNING 736 HEAT RESISTANT / SEALANT	90	Milliliter(ML)	25-May-21
0001700736	-	DOW CORNING 736 HEAT RESISTANT / SEALANT	90	Milliliter(ML)	25-May-21
0001700735	-	DOW CORNING 736 HEAT RESISTANT / SEALANT	90	Milliliter(ML)	25-May-21
0001700744	-	DOW CORNING 736 HEAT RESISTANT / SEALANT	90	Milliliter(ML)	25-May-21
0001700733	-	DOW CORNING 736 HEAT RESISTANT / SEALANT	90	Milliliter(ML)	25-May-21
0001700740	-	DOW CORNING 736 HEAT RESISTANT / SEALANT	90	Milliliter(ML)	25-May-21
0001700731	-	DOW CORNING 736 HEAT RESISTANT / SEALANT	90	Milliliter(ML)	25-May-21
0001700742	-	DOW CORNING 736 HEAT RESISTANT / SEALANT	90	Milliliter(ML)	25-May-21
0001700730	-	DOW CORNING 736 HEAT RESISTANT / SEALANT	90	Milliliter(ML)	25-May-21
0001700745	-	DOW CORNING 736 HEAT RESISTANT / SEALANT	90	Milliliter(ML)	25-May-21
0001700729	-	DOW CORNING 736 HEAT RESISTANT / SEALANT	90	Milliliter(ML)	25-May-21
0001700728	-	DOW CORNING 736 HEAT RESISTANT / SEALANT	90	Milliliter(ML)	25-May-21
0001700727	-	DOW CORNING 736 HEAT RESISTANT / SEALANT	90	Milliliter(ML)	25-May-21
0001700734	-	DOW CORNING 736 HEAT RESISTANT / SEALANT	90	Milliliter(ML)	25-May-21
0001700757	-	ISOFLEX NBU 15	50	Gram(GM)	25-May-21
0001700759	-	ISOFLEX NBU 15	50	Gram(GM)	25-May-21
0001700758	-	ISOFLEX NBU 15	50	Gram(GM)	25-May-21
0001700760	-	ISOFLEX NBU 15	50	Gram(GM)	25-May-21
0001700774	-	Haas Liquid Grease	1	Liters(L)	25-May-21
0001700776	-	Haas Liquid Grease	1	Liters(L)	25-May-21
0001700775	-	Haas Liquid Grease	1	Liters(L)	25-May-21
0001700777	-	Haas Liquid Grease	1	Liters(L)	25-May-21
0001420795	-	ALCONOX DETERGENT	4	Pounds(LB)	25-May-21
0001701005	138495-42-8	2H 3H-PERFLUOROPENTANE	25	Gram(GM)	25-May-21
0001459797	-	SCOTCHCAST ELECTRICAL RESIN	4	Gallon(GAL)	25-May-21
0001459800	-	SCOTCHCAST ELECTRICAL RESIN	4	Gallon(GAL)	25-May-21
0001459799	-	SCOTCHCAST ELECTRICAL RESIN	4	Gallon(GAL)	25-May-21
0001459798	-	SCOTCHCAST ELECTRICAL RESIN	4	Gallon(GAL)	25-May-21
0001423415	-	MULTI-PURPOSE ADHESIVE	28	Ounces(OZ)	25-May-21
0001423418	-	MULTI-PURPOSE ADHESIVE	28	Ounces(OZ)	25-May-21
0001423416	-	MULTI-PURPOSE ADHESIVE	28	Ounces(OZ)	25-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001423417	-	MULTI-PURPOSE ADHESIVE	28	Ounces(OZ)	25-May-21
0001700781	3184-13-2	L-(-)-ORNITHINE MONOHYDROCHLORIDE	1	Liters(L)	25-May-21
0001700782	420-04-2	CYANAMIDE	25	Gram(GM)	25-May-21
0001700783	421-83-0	TRIFLUOROMETHANESULFONYL CHLORIDE	5	Gram(GM)	25-May-21
0001700784	50-00-0	FORMALDEHYDE SOLUTION	25	Milliliter(ML)	25-May-21
0001700785	72-57-1	TRYPAN BLUE	100	Milliliter(ML)	25-May-21
0001700786	7722-84-1	HYDROGEN PEROXIDE	500	Milliliter(ML)	25-May-21
0001700787	-	Hydrochloric acid Trace Metal Grade	500	Milliliter(ML)	25-May-21
0001700788	-	Hydrochloric acid Trace Metal Grade	500	Milliliter(ML)	25-May-21
0001700789	-	HYDROGEN PEROXIDE OPTIMA	500	Milliliter(ML)	25-May-21
0001700790	-	HYDROGEN PEROXIDE OPTIMA	500	Milliliter(ML)	25-May-21
0001700935	75-09-2	DICHLOROMETHANE	4	Liters(L)	25-May-21
0001700937	75-09-2	DICHLOROMETHANE	4	Liters(L)	25-May-21
0001700938	75-09-2	DICHLOROMETHANE	4	Liters(L)	25-May-21
0001700936	75-09-2	DICHLOROMETHANE	4	Liters(L)	25-May-21
0001700939	-	Phosphorus (Reactive) TNT Reagent Set Low Range	10	Milliliter(ML)	25-May-21
0001700940	-	Phosphorus (Reactive) TNT Reagent Set Low Range	10	Milliliter(ML)	25-May-21
0001700942	-	Phosphorus (Reactive) TNT Reagent Set Low Range	10	Milliliter(ML)	25-May-21
0001700944	-	Phosphorus (Reactive) TNT Reagent Set Low Range	10	Milliliter(ML)	25-May-21
0001700945	-	Phosphorus (Reactive) TNT Reagent Set Low Range	10	Milliliter(ML)	25-May-21
0001700946	-	Phosphorus (Reactive) TNT Reagent Set Low Range	10	Milliliter(ML)	25-May-21
0001700947	-	Phosphorus (Reactive) TNT Reagent Set Low Range	10	Milliliter(ML)	25-May-21
0001700948	-	Phosphorus (Reactive) TNT Reagent Set Low Range	10	Milliliter(ML)	25-May-21
0001700943	-	Phosphorus (Reactive) TNT Reagent Set Low Range	10	Milliliter(ML)	25-May-21
0001700941	-	Phosphorus (Reactive) TNT Reagent Set Low Range	10	Milliliter(ML)	25-May-21
0001700952	1336-21-6	ammonium hydroxide	500	Milliliter(ML)	25-May-21
0001700961	1336-21-6	ammonium hydroxide	500	Milliliter(ML)	25-May-21
0001700953	1336-21-6	ammonium hydroxide	500	Milliliter(ML)	25-May-21
0001700956	1336-21-6	ammonium hydroxide	500	Milliliter(ML)	25-May-21
0001700960	1336-21-6	ammonium hydroxide	500	Milliliter(ML)	25-May-21
0001700962	1336-21-6	ammonium hydroxide	500	Milliliter(ML)	25-May-21
0001700955	1336-21-6	ammonium hydroxide	500	Milliliter(ML)	25-May-21
0001700963	1336-21-6	ammonium hydroxide	500	Milliliter(ML)	25-May-21
0001700954	1336-21-6	ammonium hydroxide	500	Milliliter(ML)	25-May-21
0001700959	1336-21-6	ammonium hydroxide	500	Milliliter(ML)	25-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001700958	1336-21-6	ammonium hydroxide	500	Milliliter(ML)	25-May-21
0001700957	1336-21-6	ammonium hydroxide	500	Milliliter(ML)	25-May-21
0001612037	-	LANL-ICP-MS-1 STANDARD SOLUTION	125	Milliliter(ML)	25-May-21
0001612038	-	LANL-ICP-MS-1 STANDARD SOLUTION	125	Milliliter(ML)	25-May-21
0001588780	-	LANL-ICP-MS-2 STANDARD SOLUTION	125	Milliliter(ML)	25-May-21
0001588781	-	LANL-ICP-MS-2 STANDARD SOLUTION	125	Milliliter(ML)	25-May-21
0001700888	-	LANL-ICP-MS-3REV	125	Milliliter(ML)	25-May-21
0001700889	-	LANL-ICP-MS-3REV	125	Milliliter(ML)	25-May-21
0001588782	-	LANL-TM-10 STANDARD SOLUTION	125	Milliliter(ML)	25-May-21
0001700890	-	10 ug/ml RHODIUM	125	Milliliter(ML)	25-May-21
0001700891	-	10 ug/ml SCANDIUM	125	Milliliter(ML)	25-May-21
0001700780	156-06-9	Phenylpyruvic acid	25	Gram(GM)	25-May-21
0001700602	-	Clear Resin	1	Liters(L)	25-May-21
0001700603	-	Clear Resin	1	Liters(L)	25-May-21
0001628442	-	FVP HEAVY DUTY DOT 3 BRAKE FLUID	32	Ounces(OZ)	26-May-21
0001628441	-	ZEREX ANTIFREEZE COOLANT	1	Gallon(GAL)	26-May-21
0001628444	-	WATER SEALANT	1.2	Gallon(GAL)	26-May-21
0001628443	64742-52-5	NAPA SAE 90 Mineral Gear Oil	1	Gallon(GAL)	26-May-21
0001701000	1450-63-1	1 1 4 4-TETRAPHENYL-1 3-BUTADIENE	5	Gram(GM)	26-May-21
0001701002	1450-63-1	1 1 4 4-TETRAPHENYL-1 3-BUTADIENE	5	Gram(GM)	26-May-21
0001701001	1450-63-1	1 1 4 4-TETRAPHENYL-1 3-BUTADIENE	5	Gram(GM)	26-May-21
0001700892	-	GLASS BEADS	28	Gram(GM)	26-May-21
0001700995	-	Sulfuric Acid (Trace Metal Grade)	500	Milliliter(ML)	26-May-21
0001700996	13478-00-7	NICKEL(II) NITRATE HEXAHYDRATE	250	Gram(GM)	26-May-21
0001700997	10031-43-3	CUPRIC NITRATE TRIHYDRATE	250	Gram(GM)	26-May-21
0001700998	64-19-7	ACETIC ACID	100	Milliliter(ML)	26-May-21
0001700999	-	Hydrogen chloride 4N solution in 1 4-dioxane	100	Milliliter(ML)	26-May-21
0001701003	7385-67-3	NILE RED	1	Gram(GM)	26-May-21
0001701004	23491-45-4	Hoechst 33258 solution	1	Microliter	26-May-21
0001701006	-	Dottie Duct Seal	1	Pounds(LB)	26-May-21
0001435645	-	VICTAULIC LUBRICANT	1	Quarts(QT)	26-May-21
0001435840	-	MOLYBDATE REAGENT	10	Milliliter(ML)	26-May-21
0001435847	-	MOLYBDATE REAGENT	10	Milliliter(ML)	26-May-21
0001435841	-	MOLYBDATE REAGENT	10	Milliliter(ML)	26-May-21
0001435848	-	MOLYBDATE REAGENT	10	Milliliter(ML)	26-May-21
0001435846	-	MOLYBDATE REAGENT	10	Milliliter(ML)	26-May-21
0001435845	-	MOLYBDATE REAGENT	10	Milliliter(ML)	26-May-21
0001435844	-	MOLYBDATE REAGENT	10	Milliliter(ML)	26-May-21
0001435843	-	MOLYBDATE REAGENT	10	Milliliter(ML)	26-May-21
0001435842	-	MOLYBDATE REAGENT	10	Milliliter(ML)	26-May-21
0001435849	-	MOLYBDATE REAGENT	10	Milliliter(ML)	26-May-21
0001435764	-	MOLYBDATE REAGENT	10	Milliliter(ML)	26-May-21
0001435766	-	MOLYBDATE REAGENT	10	Milliliter(ML)	26-May-21
0001435767	-	MOLYBDATE REAGENT	10	Milliliter(ML)	26-May-21
0001435768	-	MOLYBDATE REAGENT	10	Milliliter(ML)	26-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001435769	-	MOLYBDATE REAGENT	10	Milliliter(ML)	26-May-21
0001435772	-	MOLYBDATE REAGENT	10	Milliliter(ML)	26-May-21
0001435765	-	MOLYBDATE REAGENT	10	Milliliter(ML)	26-May-21
0001435773	-	MOLYBDATE REAGENT	10	Milliliter(ML)	26-May-21
0001435771	-	MOLYBDATE REAGENT	10	Milliliter(ML)	26-May-21
0001435770	-	MOLYBDATE REAGENT	10	Milliliter(ML)	26-May-21
0001641367	-	CFS-S SIL GG Firestop silicone sealant	20.2	Ounces(OZ)	26-May-21
0001641368	-	CFS-S SIL GG Firestop silicone sealant	20.2	Ounces(OZ)	26-May-21
0001641343	-	FS-One Max	10	Ounces(OZ)	26-May-21
0001641344	-	FS-One Max	10	Ounces(OZ)	26-May-21
0001435650	-	Spears CPVC-24 Low VOC CPVC Plastic Pipe Cement	1	Pint(PT)	26-May-21
0001436546	-	NOKORODE REGULAR PASTE FLUX	1.7	Ounces(OZ)	26-May-21
0001436547	-	NOKORODE REGULAR PASTE FLUX	1.7	Ounces(OZ)	26-May-21
0001436548	-	NOKORODE REGULAR PASTE FLUX	1.7	Ounces(OZ)	26-May-21
0001436544	-	Bridgit Lead Free Solder	1	Pounds(LB)	26-May-21
0001436545	-	Bridgit Lead Free Solder	1	Pounds(LB)	26-May-21
0001679691	-	HYDROGEN 5% IN NITROGEN	220	Cubic Feet(CF)	26-May-21
0001679692	-	HYDROGEN 5% IN NITROGEN	220	Cubic Feet(CF)	26-May-21
0001679541	-	ARGON GAS	220	Cubic Feet(CF)	26-May-21
0001679561	-	ARGON GAS	220	Cubic Feet(CF)	26-May-21
0001679560	-	ARGON GAS	220	Cubic Feet(CF)	26-May-21
0001679559	-	ARGON GAS	220	Cubic Feet(CF)	26-May-21
0001679570	-	ARGON GAS	220	Cubic Feet(CF)	26-May-21
0001679553	-	ARGON GAS	220	Cubic Feet(CF)	26-May-21
0001679564	-	ARGON GAS	220	Cubic Feet(CF)	26-May-21
0001679555	-	ARGON GAS	220	Cubic Feet(CF)	26-May-21
0001679554	-	ARGON GAS	220	Cubic Feet(CF)	26-May-21
0001679557	-	ARGON GAS	220	Cubic Feet(CF)	26-May-21
0001679563	-	ARGON GAS	220	Cubic Feet(CF)	26-May-21
0001679546	-	ARGON GAS	220	Cubic Feet(CF)	26-May-21
0001679552	-	ARGON GAS	220	Cubic Feet(CF)	26-May-21
0001679551	-	ARGON GAS	220	Cubic Feet(CF)	26-May-21
0001679565	-	ARGON GAS	220	Cubic Feet(CF)	26-May-21
0001679566	-	ARGON GAS	220	Cubic Feet(CF)	26-May-21
0001679567	-	ARGON GAS	220	Cubic Feet(CF)	26-May-21
0001679568	-	ARGON GAS	220	Cubic Feet(CF)	26-May-21
0001679569	-	ARGON GAS	220	Cubic Feet(CF)	26-May-21
0001679550	-	ARGON GAS	220	Cubic Feet(CF)	26-May-21
0001679549	-	ARGON GAS	220	Cubic Feet(CF)	26-May-21
0001679548	-	ARGON GAS	220	Cubic Feet(CF)	26-May-21
0001679547	-	ARGON GAS	220	Cubic Feet(CF)	26-May-21
0001679556	-	ARGON GAS	220	Cubic Feet(CF)	26-May-21
0001679562	-	ARGON GAS	220	Cubic Feet(CF)	26-May-21
0001679543	-	ARGON GAS	220	Cubic Feet(CF)	26-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001679544	-	ARGON GAS	220	Cubic Feet(CF)	26-May-21
0001679545	-	ARGON GAS	220	Cubic Feet(CF)	26-May-21
0001679558	-	ARGON GAS	220	Cubic Feet(CF)	26-May-21
0001679542	-	ARGON GAS	220	Cubic Feet(CF)	26-May-21
0001679584	-	ARGON GAS	220	Cubic Feet(CF)	26-May-21
0001679583	-	ARGON GAS	220	Cubic Feet(CF)	26-May-21
0001679643	-	ARGON GAS	220	Cubic Feet(CF)	26-May-21
0001679646	-	ARGON GAS	220	Cubic Feet(CF)	26-May-21
0001679644	-	ARGON GAS	220	Cubic Feet(CF)	26-May-21
0001679645	-	ARGON GAS	220	Cubic Feet(CF)	26-May-21
0001679571	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	26-May-21
0001679590	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	26-May-21
0001679591	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	26-May-21
0001679589	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	26-May-21
0001679588	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	26-May-21
0001679587	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	26-May-21
0001679586	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	26-May-21
0001679585	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	26-May-21
0001679578	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	26-May-21
0001679581	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	26-May-21
0001679576	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	26-May-21
0001679572	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	26-May-21
0001679573	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	26-May-21
0001679575	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	26-May-21
0001679577	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	26-May-21
0001679580	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	26-May-21
0001679579	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	26-May-21
0001679574	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	26-May-21
0001679582	-	Argon 75% Carbon Dioxide 25%	220	Cubic Feet(CF)	26-May-21
0001679592	-	Compressed Air	220	Cubic Feet(CF)	26-May-21
0001679593	-	Compressed Air	220	Cubic Feet(CF)	26-May-21
0001679594	-	Compressed Air	220	Cubic Feet(CF)	26-May-21
0001679595	-	Compressed Air	220	Cubic Feet(CF)	26-May-21
0001679596	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	26-May-21
0001679611	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	26-May-21
0001679612	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	26-May-21
0001679613	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	26-May-21
0001679615	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	26-May-21
0001679623	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	26-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001679622	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	26-May-21
0001679621	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	26-May-21
0001679620	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	26-May-21
0001679619	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	26-May-21
0001679618	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	26-May-21
0001679614	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	26-May-21
0001679624	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	26-May-21
0001679617	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	26-May-21
0001679625	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	26-May-21
0001679616	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	26-May-21
0001679606	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	26-May-21
0001679598	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	26-May-21
0001679599	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	26-May-21
0001679600	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	26-May-21
0001679601	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	26-May-21
0001679602	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	26-May-21
0001679603	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	26-May-21
0001679605	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	26-May-21
0001679597	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	26-May-21
0001679607	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	26-May-21
0001679608	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	26-May-21
0001679609	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	26-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001679610	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	26-May-21
0001679604	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	26-May-21
0001701008	5470-11-1	HYDROXYLAMINE HYDROCHLORIDE	500	Gram(GM)	26-May-21
0001701009	73602-61-6	TRIETHYLAMINE TRIHYDROFLUORIDE	25	Gram(GM)	26-May-21
0001701010	33631-05-9	2-Amino-4-hydroxypyridine	5	Gram(GM)	26-May-21
0001679626	124-38-9	CARBON DIOXIDE GAS	50	Pounds(LB)	26-May-21
0001679629	124-38-9	CARBON DIOXIDE GAS	50	Pounds(LB)	26-May-21
0001679627	124-38-9	CARBON DIOXIDE GAS	50	Pounds(LB)	26-May-21
0001679628	124-38-9	CARBON DIOXIDE GAS	50	Pounds(LB)	26-May-21
0001679635	124-38-9	CARBON DIOXIDE GAS	50	Pounds(LB)	26-May-21
0001679633	124-38-9	CARBON DIOXIDE GAS	50	Pounds(LB)	26-May-21
0001679634	124-38-9	CARBON DIOXIDE GAS	50	Pounds(LB)	26-May-21
0001679636	124-38-9	CARBON DIOXIDE GAS	50	Pounds(LB)	26-May-21
0001679632	124-38-9	CARBON DIOXIDE GAS	50	Pounds(LB)	26-May-21
0001679631	124-38-9	CARBON DIOXIDE GAS	50	Pounds(LB)	26-May-21
0001679630	124-38-9	CARBON DIOXIDE GAS	50	Pounds(LB)	26-May-21
0001701011	7782-40-3	Diamond Powder	1	Gram(GM)	26-May-21
0001701012	7782-40-3	Diamond Powder	1	Gram(GM)	26-May-21
0001679637	-	ARGON 94% BALANCE HYDROGEN	220	Cubic Feet(CF)	26-May-21
0001679642	-	ARGON 94% BALANCE HYDROGEN	220	Cubic Feet(CF)	26-May-21
0001679638	-	ARGON 94% BALANCE HYDROGEN	220	Cubic Feet(CF)	26-May-21
0001679639	-	ARGON 94% BALANCE HYDROGEN	220	Cubic Feet(CF)	26-May-21
0001679640	-	ARGON 94% BALANCE HYDROGEN	220	Cubic Feet(CF)	26-May-21
0001679641	-	ARGON 94% BALANCE HYDROGEN	220	Cubic Feet(CF)	26-May-21
0001701013	7439-89-6	IRON POWDER	50	Gram(GM)	26-May-21
0001701014	7439-89-6	IRON POWDER	50	Gram(GM)	26-May-21
0001679647	-	Oxygen 21% Helium balance	220	Cubic Feet(CF)	26-May-21
0001679655	-	Oxygen 21% Helium balance	220	Cubic Feet(CF)	26-May-21
0001679648	-	Oxygen 21% Helium balance	220	Cubic Feet(CF)	26-May-21
0001679650	-	Oxygen 21% Helium balance	220	Cubic Feet(CF)	26-May-21
0001679651	-	Oxygen 21% Helium balance	220	Cubic Feet(CF)	26-May-21
0001679652	-	Oxygen 21% Helium balance	220	Cubic Feet(CF)	26-May-21
0001679653	-	Oxygen 21% Helium balance	220	Cubic Feet(CF)	26-May-21
0001679654	-	Oxygen 21% Helium balance	220	Cubic Feet(CF)	26-May-21
0001679649	-	Oxygen 21% Helium balance	220	Cubic Feet(CF)	26-May-21
0001679656	74-98-6	PROPANE	11	Gallon(GAL)	26-May-21
0001679661	74-98-6	PROPANE	11	Gallon(GAL)	26-May-21
0001679657	74-98-6	PROPANE	11	Gallon(GAL)	26-May-21
0001679658	74-98-6	PROPANE	11	Gallon(GAL)	26-May-21
0001679660	74-98-6	PROPANE	11	Gallon(GAL)	26-May-21
0001679662	74-98-6	PROPANE	11	Gallon(GAL)	26-May-21
0001679663	74-98-6	PROPANE	11	Gallon(GAL)	26-May-21
0001679664	74-98-6	PROPANE	11	Gallon(GAL)	26-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001679665	74-98-6	PROPANE	11	Gallon(GAL)	26-May-21
0001679666	74-98-6	PROPANE	11	Gallon(GAL)	26-May-21
0001679667	74-98-6	PROPANE	11	Gallon(GAL)	26-May-21
0001679668	74-98-6	PROPANE	11	Gallon(GAL)	26-May-21
0001679659	74-98-6	PROPANE	11	Gallon(GAL)	26-May-21
0001679669	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	26-May-21
0001679679	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	26-May-21
0001679680	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	26-May-21
0001679681	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	26-May-21
0001679670	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	26-May-21
0001679671	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	26-May-21
0001679672	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	26-May-21
0001679673	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	26-May-21
0001679674	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	26-May-21
0001679675	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	26-May-21
0001679676	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	26-May-21
0001679678	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	26-May-21
0001679682	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	26-May-21
0001679683	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	26-May-21
0001679684	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	26-May-21
0001679685	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	26-May-21
0001679686	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	26-May-21
0001679677	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	26-May-21
0001701007	-	SUPERSCRIPT II	10	Milliliter(ML)	26-May-21
0001436722	-	MAINLINE PVC Clear Heavy Bodied Low VOC Solvent Cement	1.5	Pint(PT)	26-May-21
0001436729	-	MAINLINE PVC Clear Heavy Bodied Low VOC Solvent Cement	1.5	Pint(PT)	26-May-21
0001436723	-	MAINLINE PVC Clear Heavy Bodied Low VOC Solvent Cement	1.5	Pint(PT)	26-May-21
0001436724	-	MAINLINE PVC Clear Heavy Bodied Low VOC Solvent Cement	1.5	Pint(PT)	26-May-21
0001436725	-	MAINLINE PVC Clear Heavy Bodied Low VOC Solvent Cement	1.5	Pint(PT)	26-May-21
0001436726	-	MAINLINE PVC Clear Heavy Bodied Low VOC Solvent Cement	1.5	Pint(PT)	26-May-21
0001436728	-	MAINLINE PVC Clear Heavy Bodied Low VOC Solvent Cement	1.5	Pint(PT)	26-May-21
0001436727	-	MAINLINE PVC Clear Heavy Bodied Low VOC Solvent Cement	1.5	Pint(PT)	26-May-21
0001701015	872-50-4	AZ NMP Rinse	1	Gallon(GAL)	26-May-21
0001701018	872-50-4	AZ NMP Rinse	1	Gallon(GAL)	26-May-21
0001701017	872-50-4	AZ NMP Rinse	1	Gallon(GAL)	26-May-21
0001701016	872-50-4	AZ NMP Rinse	1	Gallon(GAL)	26-May-21
0001701019	-	AZ KWIK Strip Remover	1	Gallon(GAL)	26-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001701022	-	AZ KWIK Strip Remover	1	Gallon(GAL)	26-May-21
0001701021	-	AZ KWIK Strip Remover	1	Gallon(GAL)	26-May-21
0001701020	-	AZ KWIK Strip Remover	1	Gallon(GAL)	26-May-21
0001701023	-	AZ 300 MIF DEVELOPER	1	Gallon(GAL)	26-May-21
0001701024	-	AZ 300 MIF DEVELOPER	1	Gallon(GAL)	26-May-21
0001701026	-	AZ 300 MIF DEVELOPER	1	Gallon(GAL)	26-May-21
0001701025	-	AZ 300 MIF DEVELOPER	1	Gallon(GAL)	26-May-21
0001662853	7786-30-3	MAGNESIUM CHLORIDE 30% SOLUTION	3000	Gallon(GAL)	27-May-21
0001613538	1336-21-6	ammonium hydroxide	500	Milliliter(ML)	27-May-21
0001613539	1336-21-6	ammonium hydroxide	500	Milliliter(ML)	27-May-21
0001436713	-	Eyesaline Solution	1	Gallon(GAL)	27-May-21
0001436717	-	Eyesaline Solution	1	Gallon(GAL)	27-May-21
0001436714	-	Eyesaline Solution	1	Gallon(GAL)	27-May-21
0001436716	-	Eyesaline Solution	1	Gallon(GAL)	27-May-21
0001436718	-	Eyesaline Solution	1	Gallon(GAL)	27-May-21
0001436719	-	Eyesaline Solution	1	Gallon(GAL)	27-May-21
0001436720	-	Eyesaline Solution	1	Gallon(GAL)	27-May-21
0001436715	-	Eyesaline Solution	1	Gallon(GAL)	27-May-21
0001613543	71-43-2	BENZENE	2	Liters(L)	27-May-21
0001700755	-	Platinum Nominally 50% Ruthenium Nominally 25% On High Surface Area Advanced Carbon Support	1	Gram(GM)	27-May-21
0001679693	-	ARGON GAS	220	Cubic Feet(CF)	27-May-21
0001679694	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	27-May-21
0001701051	62625-32-5	BROMOCRESOL GREEN SODIUM SALT	500	Milliliter(ML)	27-May-21
0001679695	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	27-May-21
0001701052	62625-32-5	BROMOCRESOL GREEN SODIUM SALT	500	Milliliter(ML)	27-May-21
0001679696	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	27-May-21
0001701053	50-00-0	FORMALDEHYDE SOLUTION	100	Milliliter(ML)	27-May-21
0001679697	-	Compressed Air	58	Liters(L)	27-May-21
0001701054	-	LITHIUM ACETYLIDE ETHYLENEDIAMIE	10	Gram(GM)	27-May-21
0001701055	-	Hydrochloric Acid	1	Liters(L)	27-May-21
0001701056	7697-37-2	NITRIC ACID	2	Liters(L)	27-May-21
0001436648	-	PURPLE PRIMER FOR CPVC OR PVC	1	Quarts(QT)	27-May-21
0001701062	7697-37-2	NITRIC ACID	2	Liters(L)	27-May-21
0001701061	7697-37-2	NITRIC ACID	2	Liters(L)	27-May-21
0001701064	7697-37-2	NITRIC ACID	2	Liters(L)	27-May-21
0001701065	7697-37-2	NITRIC ACID	2	Liters(L)	27-May-21
0001701057	7697-37-2	NITRIC ACID	2	Liters(L)	27-May-21
0001701058	7697-37-2	NITRIC ACID	2	Liters(L)	27-May-21
0001701063	7697-37-2	NITRIC ACID	2	Liters(L)	27-May-21
0001701059	7697-37-2	NITRIC ACID	2	Liters(L)	27-May-21
0001701060	7697-37-2	NITRIC ACID	2	Liters(L)	27-May-21
0001436703	-	Eyesaline Solution	1	Gallon(GAL)	27-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001436649	-	PLASTIC PIPE CEMENT (CLEAN PVC MED BOD MED SET)	1	Quarts(QT)	27-May-21
0001436704	-	Eyesaline Solution	1	Gallon(GAL)	27-May-21
0001436707	-	Eyesaline Solution	1	Gallon(GAL)	27-May-21
0001436711	-	Eyesaline Solution	1	Gallon(GAL)	27-May-21
0001436710	-	Eyesaline Solution	1	Gallon(GAL)	27-May-21
0001436709	-	Eyesaline Solution	1	Gallon(GAL)	27-May-21
0001436708	-	Eyesaline Solution	1	Gallon(GAL)	27-May-21
0001436705	-	Eyesaline Solution	1	Gallon(GAL)	27-May-21
0001436712	-	Eyesaline Solution	1	Gallon(GAL)	27-May-21
0001436706	-	Eyesaline Solution	1	Gallon(GAL)	27-May-21
0001701066	-	TRYPTIC SOY BROTH	500	Gram(GM)	27-May-21
0001701067	-	Ethyl Alcohol Denatured 95%	1	Liters(L)	27-May-21
0001701074	-	Ethyl Alcohol Denatured 95%	1	Liters(L)	27-May-21
0001701069	-	Ethyl Alcohol Denatured 95%	1	Liters(L)	27-May-21
0001701075	-	Ethyl Alcohol Denatured 95%	1	Liters(L)	27-May-21
0001701076	-	Ethyl Alcohol Denatured 95%	1	Liters(L)	27-May-21
0001701070	-	Ethyl Alcohol Denatured 95%	1	Liters(L)	27-May-21
0001701071	-	Ethyl Alcohol Denatured 95%	1	Liters(L)	27-May-21
0001701072	-	Ethyl Alcohol Denatured 95%	1	Liters(L)	27-May-21
0001701073	-	Ethyl Alcohol Denatured 95%	1	Liters(L)	27-May-21
0001701068	-	Ethyl Alcohol Denatured 95%	1	Liters(L)	27-May-21
0001641342	-	STARRETT GRANITE SURFACE PLATE CLEANER	1	Gallon(GAL)	27-May-21
0001701027	-	UltraJet Duster UltraJet All-Way Duster	12	Ounces(OZ)	27-May-21
0001701035	-	UltraJet Duster UltraJet All-Way Duster	12	Ounces(OZ)	27-May-21
0001701034	-	UltraJet Duster UltraJet All-Way Duster	12	Ounces(OZ)	27-May-21
0001701046	-	UltraJet Duster UltraJet All-Way Duster	12	Ounces(OZ)	27-May-21
0001701031	-	UltraJet Duster UltraJet All-Way Duster	12	Ounces(OZ)	27-May-21
0001701050	-	UltraJet Duster UltraJet All-Way Duster	12	Ounces(OZ)	27-May-21
0001701049	-	UltraJet Duster UltraJet All-Way Duster	12	Ounces(OZ)	27-May-21
0001701032	-	UltraJet Duster UltraJet All-Way Duster	12	Ounces(OZ)	27-May-21
0001701048	-	UltraJet Duster UltraJet All-Way Duster	12	Ounces(OZ)	27-May-21
0001701047	-	UltraJet Duster UltraJet All-Way Duster	12	Ounces(OZ)	27-May-21
0001701030	-	UltraJet Duster UltraJet All-Way Duster	12	Ounces(OZ)	27-May-21
0001701028	-	UltraJet Duster UltraJet All-Way Duster	12	Ounces(OZ)	27-May-21
0001701029	-	UltraJet Duster UltraJet All-Way Duster	12	Ounces(OZ)	27-May-21
0001701036	-	UltraJet Duster UltraJet All-Way Duster	12	Ounces(OZ)	27-May-21
0001701045	-	UltraJet Duster UltraJet All-Way Duster	12	Ounces(OZ)	27-May-21
0001701044	-	UltraJet Duster UltraJet All-Way Duster	12	Ounces(OZ)	27-May-21
0001701043	-	UltraJet Duster UltraJet All-Way Duster	12	Ounces(OZ)	27-May-21
0001701042	-	UltraJet Duster UltraJet All-Way Duster	12	Ounces(OZ)	27-May-21
0001701041	-	UltraJet Duster UltraJet All-Way Duster	12	Ounces(OZ)	27-May-21
0001701040	-	UltraJet Duster UltraJet All-Way Duster	12	Ounces(OZ)	27-May-21
0001701039	-	UltraJet Duster UltraJet All-Way Duster	12	Ounces(OZ)	27-May-21
0001701038	-	UltraJet Duster UltraJet All-Way Duster	12	Ounces(OZ)	27-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001701037	-	UltraJet Duster UltraJet All-Way Duster	12	Ounces(OZ)	27-May-21
0001701033	-	UltraJet Duster UltraJet All-Way Duster	12	Ounces(OZ)	27-May-21
0001641053	-	FLEXBAR REPRORUBBER THIN POUR MATERIAL	380	Milliliter(ML)	27-May-21
0001701077	-	BUEHLER ISOCUT FLUID	950	Milliliter(ML)	27-May-21
0001701078	-	BUEHLER ISOCUT FLUID	950	Milliliter(ML)	27-May-21
0001701079	-	KNiFC-PAN	50	Gram(GM)	27-May-21
0001641341	-	STARRETT TOOL AND INSTRUMENT OIL	4	Ounces(OZ)	27-May-21
0001701080	1336-21-6	ammonium hydroxide	500	Milliliter(ML)	27-May-21
0001701081	1336-21-6	ammonium hydroxide	500	Milliliter(ML)	27-May-21
0001701082	8049-97-6	Melanin	100	Milligram(MG)	27-May-21
0001436702	-	Spears LW-5 One-Step Low VOC Cement for LabWaste CPVC Systems	1	Quarts(QT)	27-May-21
0001701083	9004-34-6	Microcrystalline cellulose	50	Milligram(MG)	27-May-21
0001436535	-	Lead-Free Solder	1	Pounds(LB)	27-May-21
0001701089	628-13-7	PYRIDINE HYDROCHLORIDE	100	Gram(GM)	27-May-21
0001701090	569-61-9	PARAROSANILINE CHLORIDE	100	Gram(GM)	27-May-21
0001435880	-	NOKORODE REGULAR PASTE FLUX (LEAD-FREE)	1	Pounds(LB)	27-May-21
0001679698	7782-39-0	DEUTERIUM	5000	Liters(L)	27-May-21
0001679699	7782-39-0	DEUTERIUM	5000	Liters(L)	27-May-21
0001435949	-	NOKORODE AQUA FLUX	16	Ounces(OZ)	27-May-21
0001701092	13939-69-0	1-Piperidinecarbonyl chloride	5	Gram(GM)	27-May-21
0001436550	-	NOKORODE AQUA FLUX	16	Ounces(OZ)	27-May-21
0001701093	2840-29-1	3-Amino-4-bromobenzoic acid	5	Gram(GM)	27-May-21
0001436549	-	NOKORODE AQUA FLUX	4	Ounces(OZ)	27-May-21
0001701094	-	EnSolv Precision Cleaning Solvent	1	Gallon(GAL)	27-May-21
0001701095	-	EnSolv Precision Cleaning Solvent	1	Gallon(GAL)	27-May-21
0001435851	-	Megaloc	1	Pint(PT)	27-May-21
0001423817	-	FOAM SEALANT	1.7	Ounces(OZ)	27-May-21
0001423818	-	FOAM SEALANT	1.7	Ounces(OZ)	27-May-21
0001423819	-	FOAM SEALANT	1.7	Ounces(OZ)	27-May-21
0001679687	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	27-May-21
0001679690	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	27-May-21
0001679689	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	27-May-21
0001679688	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	27-May-21
0001423419	-	PSX 700 CURE	0.2	Gallon(GAL)	27-May-21
0001423420	-	PSX 700 CURE	0.2	Gallon(GAL)	27-May-21
0001423421	-	PSX 700 WHITE RESIN	0.8	Gallon(GAL)	27-May-21
0001423422	-	PSX 700 WHITE RESIN	0.8	Gallon(GAL)	27-May-21
0001641339	-	Simple Green Foaming Coil Cleaner	5	Gallon(GAL)	27-May-21
0001641340	-	Simple Green Foaming Coil Cleaner	5	Gallon(GAL)	27-May-21
0001458505	-	ReleaSys HT Paste	5	Milliliter(ML)	27-May-21
0001458506	-	ReleaSys HT Paste	5	Milliliter(ML)	27-May-21
0001435648	-	Megaloc	1	Pint(PT)	27-May-21
0001435690	-	Megaloc	16	Ounces(OZ)	27-May-21
0001435693	-	Megaloc	8	Ounces(OZ)	27-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001435692	-	NOKORODE REGULAR PASTE FLUX	16	Ounces(OZ)	27-May-21
0001435691	-	NOKORODE AQUA FLUX	16	Ounces(OZ)	27-May-21
0001435689	-	NOKORODE AQUA FLUX	16	Ounces(OZ)	27-May-21
0001435652	-	Megaloc	8	Ounces(OZ)	27-May-21
0001435651	-	NOKORODE AQUA FLUX	8	Ounces(OZ)	27-May-21
0001435655	-	NOKORODE AQUA FLUX	16	Ounces(OZ)	27-May-21
0001435654	-	Megaloc	8	Ounces(OZ)	27-May-21
0001435646	-	Megaloc	1	Pint(PT)	27-May-21
0001641586	-	MOBIL VACTRA OIL NO. 2	5	Gallon(GAL)	28-May-21
0001641587	-	MOBIL VACTRA OIL NO. 2	5	Gallon(GAL)	28-May-21
0001701811	-	LEYBONOL LVO 210 Oil	1	Liters(L)	28-May-21
0001701812	-	LEYBONOL LVO 210 Oil	1	Liters(L)	28-May-21
0001701813	-	LEYBONOL LVO 210 Oil	1	Liters(L)	28-May-21
0001611706	-	Orange Indicating Silica Gel	0.5	Gallon(GAL)	28-May-21
0001611707	-	Hydrochloric Acid	2.5	Liters(L)	28-May-21
0001611719	-	Hydrochloric Acid	2.5	Liters(L)	28-May-21
0001611721	-	Hydrochloric Acid	2.5	Liters(L)	28-May-21
0001611722	-	Hydrochloric Acid	2.5	Liters(L)	28-May-21
0001611708	-	Hydrochloric Acid	2.5	Liters(L)	28-May-21
0001611709	-	Hydrochloric Acid	2.5	Liters(L)	28-May-21
0001611723	-	Hydrochloric Acid	2.5	Liters(L)	28-May-21
0001611724	-	Hydrochloric Acid	2.5	Liters(L)	28-May-21
0001611710	-	Hydrochloric Acid	2.5	Liters(L)	28-May-21
0001611720	-	Hydrochloric Acid	2.5	Liters(L)	28-May-21
0001611718	-	Hydrochloric Acid	2.5	Liters(L)	28-May-21
0001611712	-	Hydrochloric Acid	2.5	Liters(L)	28-May-21
0001611713	-	Hydrochloric Acid	2.5	Liters(L)	28-May-21
0001611714	-	Hydrochloric Acid	2.5	Liters(L)	28-May-21
0001611715	-	Hydrochloric Acid	2.5	Liters(L)	28-May-21
0001611717	-	Hydrochloric Acid	2.5	Liters(L)	28-May-21
0001611716	-	Hydrochloric Acid	2.5	Liters(L)	28-May-21
0001611711	-	Hydrochloric Acid	2.5	Liters(L)	28-May-21
0001611725	7647-01-0	HYDROCHLORIC ACID OPTIMA-34%	500	Milliliter(ML)	28-May-21
0001641600	-	HIT-HY 270	11.11	Ounces(OZ)	28-May-21
0001611726	16774-21-3	AMMONIUM CERIUM(IV)NITRATE (CERIC AMMONIUM NITRATE)	500	Gram(GM)	28-May-21
0001641601	-	HIT-HY 270	11.11	Ounces(OZ)	28-May-21
0001611727	-	1000 ug/mL Uranium	125	Milliliter(ML)	28-May-21
0001611728	-	ELECTRODE STORAGE SOLUTION	1	Liters(L)	28-May-21
0001611729	-	ELECTRODE STORAGE SOLUTION	1	Liters(L)	28-May-21
0001611730	39450-01-6	PROTEINASE K (FROM TRITIRACHIUM ALBUMIN)	10	Milligram(MG)	28-May-21
0001436644	-	PROPYLENE GLYCOL USP KOSHER	275	Gallon(GAL)	28-May-21
0001436645	-	PROPYLENE GLYCOL USP KOSHER	275	Gallon(GAL)	28-May-21
0001436646	-	PROPYLENE GLYCOL USP KOSHER	275	Gallon(GAL)	28-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001436647	-	PROPYLENE GLYCOL USP KOSHER	275	Gallon(GAL)	28-May-21
0001611731	67-63-0	2-PROPANOL	100	Milliliter(ML)	28-May-21
0001611732	5329-14-6	SULFAMIC ACID	100	Gram(GM)	28-May-21
0001612730	7697-37-2	NITRIC ACID	2	Liters(L)	28-May-21
0001612733	7697-37-2	NITRIC ACID	2	Liters(L)	28-May-21
0001612735	7697-37-2	NITRIC ACID	2	Liters(L)	28-May-21
0001612734	7697-37-2	NITRIC ACID	2	Liters(L)	28-May-21
0001612731	7697-37-2	NITRIC ACID	2	Liters(L)	28-May-21
0001612736	7697-37-2	NITRIC ACID	2	Liters(L)	28-May-21
0001612738	7697-37-2	NITRIC ACID	2	Liters(L)	28-May-21
0001612732	7697-37-2	NITRIC ACID	2	Liters(L)	28-May-21
0001612739	7697-37-2	NITRIC ACID	2	Liters(L)	28-May-21
0001612740	7697-37-2	NITRIC ACID	2	Liters(L)	28-May-21
0001612737	7697-37-2	NITRIC ACID	2	Liters(L)	28-May-21
0001700893	1336-21-6	AMMONIUM HYDROXIDE OPTIMA	250	Milliliter(ML)	28-May-21
0001700894	10043-35-3	BORIC ACID	500	Gram(GM)	28-May-21
0001700895	7722-64-7	POTASSIUM PERMANGANATE	500	Gram(GM)	28-May-21
0001640045	-	MOBIL VACTRA OIL NO. 2	5	Gallon(GAL)	28-May-21
0001700896	7631-90-5	SODIUM BISULFITE POWDER	500	Gram(GM)	28-May-21
0001700897	147-71-7	D-TARTARIC ACID	1	Kilograms(KG)	28-May-21
0001701096	-	Monophosphonic Acid Resin	500	Gram(GM)	28-May-21
0001701097	-	1-AMINOANTHRAQUINONE	100	Gram(GM)	28-May-21
0001701098	-	TYPE Y	1	Gallon(GAL)	28-May-21
0001701099	-	TYPE Y	1	Gallon(GAL)	28-May-21
0001641337	-	Steel Reinforced Epoxy Resin	1	Ounces(OZ)	28-May-21
0001641338	-	Steel Reinforced Epoxy Resin	1	Ounces(OZ)	28-May-21
0001435694	-	Hercules PVC plastic pipe cement (clear med body med set)	1	Quarts(QT)	28-May-21
0001435695	-	Hercules PVC plastic pipe cement (clear med body med set)	1	Quarts(QT)	28-May-21
0001641397	-	Isopropyl Alcohol Electronics Cleaner	16	Ounces(OZ)	28-May-21
0001435656	-	Bridgit Lead Free Solder	1	Pounds(LB)	28-May-21
0001641271	-	Uvex Clear Solution	16	Ounces(OZ)	28-May-21
0001641576	-	Epoxy Putty Stick - Steel	2	Ounces(OZ)	28-May-21
0001641585	-	Epoxy Putty Stick - Steel	2	Ounces(OZ)	28-May-21
0001641581	-	Epoxy Putty Stick - Steel	2	Ounces(OZ)	28-May-21
0001641580	-	Epoxy Putty Stick - Steel	2	Ounces(OZ)	28-May-21
0001641579	-	Epoxy Putty Stick - Steel	2	Ounces(OZ)	28-May-21
0001641578	-	Epoxy Putty Stick - Steel	2	Ounces(OZ)	28-May-21
0001641582	-	Epoxy Putty Stick - Steel	2	Ounces(OZ)	28-May-21
0001641583	-	Epoxy Putty Stick - Steel	2	Ounces(OZ)	28-May-21
0001641584	-	Epoxy Putty Stick - Steel	2	Ounces(OZ)	28-May-21
0001578847	-	SODA ASH	50	Pounds(LB)	28-May-21
0001578883	-	SODA ASH	50	Pounds(LB)	28-May-21
0001578861	-	SODA ASH	50	Pounds(LB)	28-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001578860	-	SODA ASH	50	Pounds(LB)	28-May-21
0001578892	-	SODA ASH	50	Pounds(LB)	28-May-21
0001578858	-	SODA ASH	50	Pounds(LB)	28-May-21
0001578885	-	SODA ASH	50	Pounds(LB)	28-May-21
0001578891	-	SODA ASH	50	Pounds(LB)	28-May-21
0001578882	-	SODA ASH	50	Pounds(LB)	28-May-21
0001578890	-	SODA ASH	50	Pounds(LB)	28-May-21
0001578880	-	SODA ASH	50	Pounds(LB)	28-May-21
0001578859	-	SODA ASH	50	Pounds(LB)	28-May-21
0001578886	-	SODA ASH	50	Pounds(LB)	28-May-21
0001578887	-	SODA ASH	50	Pounds(LB)	28-May-21
0001578888	-	SODA ASH	50	Pounds(LB)	28-May-21
0001578889	-	SODA ASH	50	Pounds(LB)	28-May-21
0001578884	-	SODA ASH	50	Pounds(LB)	28-May-21
0001578857	-	SODA ASH	50	Pounds(LB)	28-May-21
0001578866	-	SODA ASH	50	Pounds(LB)	28-May-21
0001578865	-	SODA ASH	50	Pounds(LB)	28-May-21
0001578870	-	SODA ASH	50	Pounds(LB)	28-May-21
0001578863	-	SODA ASH	50	Pounds(LB)	28-May-21
0001578848	-	SODA ASH	50	Pounds(LB)	28-May-21
0001578849	-	SODA ASH	50	Pounds(LB)	28-May-21
0001578850	-	SODA ASH	50	Pounds(LB)	28-May-21
0001578851	-	SODA ASH	50	Pounds(LB)	28-May-21
0001578852	-	SODA ASH	50	Pounds(LB)	28-May-21
0001578853	-	SODA ASH	50	Pounds(LB)	28-May-21
0001578854	-	SODA ASH	50	Pounds(LB)	28-May-21
0001578871	-	SODA ASH	50	Pounds(LB)	28-May-21
0001578878	-	SODA ASH	50	Pounds(LB)	28-May-21
0001578856	-	SODA ASH	50	Pounds(LB)	28-May-21
0001578867	-	SODA ASH	50	Pounds(LB)	28-May-21
0001578877	-	SODA ASH	50	Pounds(LB)	28-May-21
0001578876	-	SODA ASH	50	Pounds(LB)	28-May-21
0001578875	-	SODA ASH	50	Pounds(LB)	28-May-21
0001578874	-	SODA ASH	50	Pounds(LB)	28-May-21
0001578873	-	SODA ASH	50	Pounds(LB)	28-May-21
0001578864	-	SODA ASH	50	Pounds(LB)	28-May-21
0001578872	-	SODA ASH	50	Pounds(LB)	28-May-21
0001578881	-	SODA ASH	50	Pounds(LB)	28-May-21
0001578869	-	SODA ASH	50	Pounds(LB)	28-May-21
0001578868	-	SODA ASH	50	Pounds(LB)	28-May-21
0001578855	-	SODA ASH	50	Pounds(LB)	28-May-21
0001578894	-	SODA ASH	50	Pounds(LB)	28-May-21
0001578895	-	SODA ASH	50	Pounds(LB)	28-May-21
0001578896	-	SODA ASH	50	Pounds(LB)	28-May-21
0001578897	-	SODA ASH	50	Pounds(LB)	28-May-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001578898	-	SODA ASH	50	Pounds(LB)	28-May-21
0001578879	-	SODA ASH	50	Pounds(LB)	28-May-21
0001578900	-	SODA ASH	50	Pounds(LB)	28-May-21
0001578899	-	SODA ASH	50	Pounds(LB)	28-May-21
0001578893	-	SODA ASH	50	Pounds(LB)	28-May-21
0001578862	-	SODA ASH	50	Pounds(LB)	28-May-21
0001679700	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	28-May-21
0001679701	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	28-May-21
0001613544	67-63-0	2-PROPANOL OPTIMA	500	Milliliter(ML)	01-Jun-21
0001613545	7758-02-3	POTASSIUM BROMIDE 99+%	100	Gram(GM)	01-Jun-21
0001613546	865-49-6	CHLOROFORM-D 99.8+ ATOM% D	10	Milliliter(ML)	01-Jun-21
0001613547	95-92-1	DIETHYL OXALATE	250	Milliliter(ML)	01-Jun-21
0001700325	10043-52-4	Calcium chloride solution ~1 M in H2O	100	Milliliter(ML)	01-Jun-21
0001700326	7778-80-5	POTASSIUM SULFATE	250	Gram(GM)	01-Jun-21
0001700328	7778-80-5	POTASSIUM SULFATE	250	Gram(GM)	01-Jun-21
0001700327	7778-80-5	POTASSIUM SULFATE	250	Gram(GM)	01-Jun-21
0001700329	-	RBS 35 CONCENTRATE	5	Kilograms(KG)	01-Jun-21
0001700330	5796-98-5	BIS(TRIMETHYLSILYL)PEROXIDE	10	Gram(GM)	01-Jun-21
0001700331	553-26-4	4 4-DIPYRIDYL	5	Gram(GM)	01-Jun-21
0001700350	631-61-8	AMMONIUM ACETATE	100	Milliliter(ML)	01-Jun-21
0001700351	10043-35-3	BORIC ACID	100	Gram(GM)	01-Jun-21
0001700352	13477-34-4	CALCIUM NITRATE TETRAHYDRATE	500	Gram(GM)	01-Jun-21
0001700353	50-81-7	L-ASCORBIC ACID	100	Gram(GM)	01-Jun-21
0001700354	-	AG 1-X4 Resin Chloride Form	500	Gram(GM)	01-Jun-21
0001700355	7631-86-9	SILICON(IV) OXIDE	100	Gram(GM)	01-Jun-21
0001700458	-	Hydrobromic acid ACS 47.0-49.0%	500	Milliliter(ML)	01-Jun-21
0001701108	7732-18-5	HBTEC Air-Liquid Interface Differentiation Medium	500	Milliliter(ML)	01-Jun-21
0001701109	7732-18-5	HBTEC Air-Liquid Interface Differentiation Medium	500	Milliliter(ML)	01-Jun-21
0001701110	9001-37-0	GLUCOSE OXIDASE	50	Milligram(MG)	01-Jun-21
0001701111	631-61-8	AMMONIUM ACETATE	500	Gram(GM)	01-Jun-21
0001701112	50-99-7	D-GLUCOSE (DEXTROSE ANHYDROUS)	500	Gram(GM)	01-Jun-21
0001701113	10192-30-0	AMMONIUM BISULFITE SOLUTION 45%	250	Gram(GM)	01-Jun-21
0001701114	1513-65-1	2 6-Difluoropyridine	25	Gram(GM)	01-Jun-21
0001701115	112-76-5	STEAROYL CHLORIDE	25	Gram(GM)	01-Jun-21
0001701116	7758-02-3	POTASSIUM BROMIDE 99+%	100	Gram(GM)	01-Jun-21
0001701117	-	ETHANOL ANHYDROUS	500	Milliliter(ML)	01-Jun-21
0001663399	-	NALCO 7408 CHLORINE SCAVENGER SOLUTION	55	Gallon(GAL)	01-Jun-21
0001663400	-	NALCO 7408 CHLORINE SCAVENGER SOLUTION	55	Gallon(GAL)	01-Jun-21
0001700459	-	XIA RTV-4130-J CURING AGENT	400	Gram(GM)	01-Jun-21
0001700460	1336-21-6	AMMONIUM HYDROXIDE OPTIMA	250	Milliliter(ML)	01-Jun-21
0001700463	1336-21-6	AMMONIUM HYDROXIDE OPTIMA	250	Milliliter(ML)	01-Jun-21
0001700461	1336-21-6	AMMONIUM HYDROXIDE OPTIMA	250	Milliliter(ML)	01-Jun-21
0001700462	1336-21-6	AMMONIUM HYDROXIDE OPTIMA	250	Milliliter(ML)	01-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001700464	13454-71-2	Cerium(III) phosphate	25	Gram(GM)	01-Jun-21
0001700465	9001-05-2	CATALASE FROM BOVINE LIVER	5	Gram(GM)	01-Jun-21
0001701151	1314-35-8	TUNGSTEN(VI) OXIDE	1	Gram(GM)	01-Jun-21
0001701152	12064-62-9	GADOLINIUM OXIDE	1	Gram(GM)	01-Jun-21
0001701153	993-13-5	METHYLPHOSPHONIC ACID	100	Gram(GM)	01-Jun-21
0001701154	7774-29-0	MERCURY(II) IODIDE	25	Gram(GM)	01-Jun-21
0001701155	7774-29-0	MERCURY(II) IODIDE	25	Gram(GM)	01-Jun-21
0001701156	7697-37-2	NITRIC ACID	2	Liters(L)	01-Jun-21
0001701159	7697-37-2	NITRIC ACID	2	Liters(L)	01-Jun-21
0001701165	7697-37-2	NITRIC ACID	2	Liters(L)	01-Jun-21
0001701163	7697-37-2	NITRIC ACID	2	Liters(L)	01-Jun-21
0001701157	7697-37-2	NITRIC ACID	2	Liters(L)	01-Jun-21
0001701164	7697-37-2	NITRIC ACID	2	Liters(L)	01-Jun-21
0001701162	7697-37-2	NITRIC ACID	2	Liters(L)	01-Jun-21
0001701167	7697-37-2	NITRIC ACID	2	Liters(L)	01-Jun-21
0001701166	7697-37-2	NITRIC ACID	2	Liters(L)	01-Jun-21
0001701161	7697-37-2	NITRIC ACID	2	Liters(L)	01-Jun-21
0001701160	7697-37-2	NITRIC ACID	2	Liters(L)	01-Jun-21
0001701158	7697-37-2	NITRIC ACID	2	Liters(L)	01-Jun-21
0001662871	-	HYDRAULIC OIL	5	Gallon(GAL)	01-Jun-21
0001662873	-	HYDRAULIC OIL	5	Gallon(GAL)	01-Jun-21
0001662872	-	HYDRAULIC OIL	5	Gallon(GAL)	01-Jun-21
0001423425	-	FOAM SEALANT	250	Milliliter(ML)	01-Jun-21
0001423424	-	FOAM SEALANT	250	Milliliter(ML)	01-Jun-21
0001423423	-	FOAM SEALANT	250	Milliliter(ML)	01-Jun-21
0001701168	7647-01-0	HYDROCHLORIC ACID OPTIMA-34%	2	Liters(L)	01-Jun-21
0001701172	7647-01-0	HYDROCHLORIC ACID OPTIMA-34%	2	Liters(L)	01-Jun-21
0001701171	7647-01-0	HYDROCHLORIC ACID OPTIMA-34%	2	Liters(L)	01-Jun-21
0001701170	7647-01-0	HYDROCHLORIC ACID OPTIMA-34%	2	Liters(L)	01-Jun-21
0001701169	7647-01-0	HYDROCHLORIC ACID OPTIMA-34%	2	Liters(L)	01-Jun-21
0001701173	71-23-8	1-PROPANOL	4	Liters(L)	01-Jun-21
0001701174	71-23-8	1-PROPANOL	4	Liters(L)	01-Jun-21
0001701176	71-23-8	1-PROPANOL	4	Liters(L)	01-Jun-21
0001701175	71-23-8	1-PROPANOL	4	Liters(L)	01-Jun-21
0001701177	64-17-5	ALCOHOL REAGENT	4	Liters(L)	01-Jun-21
0001701178	-	Contrex AW	4	Pounds(LB)	01-Jun-21
0001701185	-	Contrex AW	4	Pounds(LB)	01-Jun-21
0001701186	-	Contrex AW	4	Pounds(LB)	01-Jun-21
0001701184	-	Contrex AW	4	Pounds(LB)	01-Jun-21
0001701183	-	Contrex AW	4	Pounds(LB)	01-Jun-21
0001701181	-	Contrex AW	4	Pounds(LB)	01-Jun-21
0001701179	-	Contrex AW	4	Pounds(LB)	01-Jun-21
0001701180	-	Contrex AW	4	Pounds(LB)	01-Jun-21
0001701182	-	Contrex AW	4	Pounds(LB)	01-Jun-21
0001701187	-	LEYBONOL LVO 210 Oil	5	Liters(L)	01-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001701189	-	LEYBONOL LVO 100	5	Liters(L)	01-Jun-21
0001701190	-	LEYBONOL LVO 100	5	Liters(L)	01-Jun-21
0001701191	-	TECCEM Fluoronox MS 30/2	1	Kilograms(KG)	01-Jun-21
0001701192	125-31-5	XYLENOL BLUE	1	Gram(GM)	01-Jun-21
0001701193	56-81-5	GLYCERIN	4	Liters(L)	01-Jun-21
0001701194	-	AG 1-X4 Resin Chloride Form	500	Gram(GM)	01-Jun-21
0001701200	-	AG 1-X4 Resin Chloride Form	500	Gram(GM)	01-Jun-21
0001701199	-	AG 1-X4 Resin Chloride Form	500	Gram(GM)	01-Jun-21
0001701204	-	AG 1-X4 Resin Chloride Form	500	Gram(GM)	01-Jun-21
0001701203	-	AG 1-X4 Resin Chloride Form	500	Gram(GM)	01-Jun-21
0001701202	-	AG 1-X4 Resin Chloride Form	500	Gram(GM)	01-Jun-21
0001701195	-	AG 1-X4 Resin Chloride Form	500	Gram(GM)	01-Jun-21
0001701198	-	AG 1-X4 Resin Chloride Form	500	Gram(GM)	01-Jun-21
0001701197	-	AG 1-X4 Resin Chloride Form	500	Gram(GM)	01-Jun-21
0001701196	-	AG 1-X4 Resin Chloride Form	500	Gram(GM)	01-Jun-21
0001701201	-	AG 1-X4 Resin Chloride Form	500	Gram(GM)	01-Jun-21
0001701205	75-09-2	DICHLOROMETHANE	4	Liters(L)	01-Jun-21
0001701211	75-09-2	DICHLOROMETHANE	4	Liters(L)	01-Jun-21
0001701212	75-09-2	DICHLOROMETHANE	4	Liters(L)	01-Jun-21
0001701210	75-09-2	DICHLOROMETHANE	4	Liters(L)	01-Jun-21
0001701208	75-09-2	DICHLOROMETHANE	4	Liters(L)	01-Jun-21
0001701207	75-09-2	DICHLOROMETHANE	4	Liters(L)	01-Jun-21
0001701206	75-09-2	DICHLOROMETHANE	4	Liters(L)	01-Jun-21
0001701209	75-09-2	DICHLOROMETHANE	4	Liters(L)	01-Jun-21
0001701213	-	Tetrahydrofuran-d8 (D 99.5%)	0.5	Milliliter(ML)	01-Jun-21
0001701214	-	Tetrahydrofuran-d8 (D 99.5%)	0.5	Milliliter(ML)	01-Jun-21
0001701215	7681-11-0	POTASSIUM IODIDE	25	Gram(GM)	01-Jun-21
0001701216	75-09-2	DICHLOROMETHANE	4	Liters(L)	01-Jun-21
0001701219	75-09-2	DICHLOROMETHANE	4	Liters(L)	01-Jun-21
0001701217	75-09-2	DICHLOROMETHANE	4	Liters(L)	01-Jun-21
0001701218	75-09-2	DICHLOROMETHANE	4	Liters(L)	01-Jun-21
0001701220	-	Norland Ultraviolet Sealant 91	10	Gram(GM)	01-Jun-21
0001701221	-	Norland Ultraviolet Sealant 91	10	Gram(GM)	01-Jun-21
0001701222	3375-31-3	PALLADIUM(II) ACETATE	10	Gram(GM)	01-Jun-21
0001701223	56-81-5	GLYCERIN	1	Liters(L)	01-Jun-21
0001701224	-	92-023 PRIMER	340	Gram(GM)	01-Jun-21
0001701225	31355-55-2	Trichlorotris(tetrahydrofuran)Molybdenum(III) Min 95%	1	Gram(GM)	01-Jun-21
0001701226	50-81-7	ASCORBIC ACID	500	Milligram(MG)	01-Jun-21
0001701227	-	iTaq Universal SYBR Green Supermix	2	Milliliter(ML)	01-Jun-21
0001611733	10043-52-4	CALCIUM CHLORIDE ANHYDROUS	10	Gram(GM)	01-Jun-21
0001611734	12027-06-4	AMMONIUM IODIDE	50	Gram(GM)	01-Jun-21
0001611735	12027-06-4	AMMONIUM IODIDE	50	Gram(GM)	01-Jun-21
0001611736	7782-40-3	Diamond Powder	1000	Gram(GM)	01-Jun-21
0001611737	7782-40-3	Diamond Powder	1000	Gram(GM)	01-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001611738	5470-11-1	HYDROXYLAMINE HYDROCHLORIDE	50	Gram(GM)	01-Jun-21
0001611739	623-05-2	4-HYDROXYBENZYL ALCOHOL 99%	10	Gram(GM)	01-Jun-21
0001611740	14047-29-1	4-CARBOXYPHENYLBORONIC ACID	25	Gram(GM)	01-Jun-21
0001611741	-	Ammonia solution 28-30% for analysis EMSURE ACS Reag. Ph Eur	1	Liters(L)	01-Jun-21
0001611742	-	Ammonia solution 28-30% for analysis EMSURE ACS Reag. Ph Eur	1	Liters(L)	01-Jun-21
0001611743	95-92-1	DIETHYL OXALATE	25	Gram(GM)	01-Jun-21
0001611744	95-92-1	DIETHYL OXALATE	25	Gram(GM)	01-Jun-21
0001611745	-	AZ nLOF 2020 Photoresist	1	Quarts(QT)	01-Jun-21
0001611746	-	STOPCOCK GREASE	5.4	Ounces(OZ)	02-Jun-21
0001611747	-	STOPCOCK GREASE	5.4	Ounces(OZ)	02-Jun-21
0001611748	553-26-4	4 4-DIPYRIDYL	5	Gram(GM)	02-Jun-21
0001612712	67-64-1	ACETONE	4	Liters(L)	02-Jun-21
0001612713	67-64-1	ACETONE	4	Liters(L)	02-Jun-21
0001613540	13478-10-9	IRON(II) CHLORIDE TETRAHYDRATE	50	Gram(GM)	02-Jun-21
0001700318	-	RTV12A	5	Gallon(GAL)	02-Jun-21
0001700319	54-42-2	5-IODO-2'-DEOXYURIDINE	1	Kilograms(KG)	02-Jun-21
0001700320	1693-74-9	TETRAHYDROFURAN-D 99.5 ATOM% D (5/KIT)	10	Milliliter(ML)	02-Jun-21
0001700321	771-60-8	2 3 4 5 6-PENTAFLUOROANILINE	5	Gram(GM)	02-Jun-21
0001700322	771-60-8	2 3 4 5 6-PENTAFLUOROANILINE	5	Gram(GM)	02-Jun-21
0001700323	-	WASTE LOCK 770-50	5	Pounds(LB)	02-Jun-21
0001700324	-	WASTE LOCK 770-50	5	Pounds(LB)	02-Jun-21
0001700332	64-19-7	ACETIC ACID GLACIAL	500	Milliliter(ML)	02-Jun-21
0001700334	64-19-7	ACETIC ACID GLACIAL	500	Milliliter(ML)	02-Jun-21
0001700341	64-19-7	ACETIC ACID GLACIAL	500	Milliliter(ML)	02-Jun-21
0001700348	64-19-7	ACETIC ACID GLACIAL	500	Milliliter(ML)	02-Jun-21
0001700343	64-19-7	ACETIC ACID GLACIAL	500	Milliliter(ML)	02-Jun-21
0001700346	64-19-7	ACETIC ACID GLACIAL	500	Milliliter(ML)	02-Jun-21
0001700344	64-19-7	ACETIC ACID GLACIAL	500	Milliliter(ML)	02-Jun-21
0001700342	64-19-7	ACETIC ACID GLACIAL	500	Milliliter(ML)	02-Jun-21
0001700340	64-19-7	ACETIC ACID GLACIAL	500	Milliliter(ML)	02-Jun-21
0001700339	64-19-7	ACETIC ACID GLACIAL	500	Milliliter(ML)	02-Jun-21
0001700338	64-19-7	ACETIC ACID GLACIAL	500	Milliliter(ML)	02-Jun-21
0001700337	64-19-7	ACETIC ACID GLACIAL	500	Milliliter(ML)	02-Jun-21
0001700349	64-19-7	ACETIC ACID GLACIAL	500	Milliliter(ML)	02-Jun-21
0001700335	64-19-7	ACETIC ACID GLACIAL	500	Milliliter(ML)	02-Jun-21
0001700347	64-19-7	ACETIC ACID GLACIAL	500	Milliliter(ML)	02-Jun-21
0001700333	64-19-7	ACETIC ACID GLACIAL	500	Milliliter(ML)	02-Jun-21
0001700336	64-19-7	ACETIC ACID GLACIAL	500	Milliliter(ML)	02-Jun-21
0001700345	64-19-7	ACETIC ACID GLACIAL	500	Milliliter(ML)	02-Jun-21
0001700898	116-63-2	4-AMINO-3-HYDROXY-1-NAPHTHALENESULFONIC ACID	1	Kilograms(KG)	02-Jun-21
0001700899	12054-85-2	Ammonium molybdate tetrahydrate	100	Gram(GM)	02-Jun-21
0001700900	1310-73-2	SODIUM HYDROXIDE	100	Gram(GM)	02-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001679702	-	ZERO AIR	34	Cubic Feet(CF)	02-Jun-21
0001679703	-	ZERO AIR	34	Cubic Feet(CF)	02-Jun-21
0001701100	110-54-3	HEXANE	4	Liters(L)	02-Jun-21
0001701101	110-54-3	HEXANE	4	Liters(L)	02-Jun-21
0001701103	110-54-3	HEXANE	4	Liters(L)	02-Jun-21
0001701102	110-54-3	HEXANE	4	Liters(L)	02-Jun-21
0001679704	7727-37-9	NITROGEN GAS	34	Cubic Feet(CF)	02-Jun-21
0001679705	7727-37-9	NITROGEN GAS	34	Cubic Feet(CF)	02-Jun-21
0001701104	67-63-0	2-PROPANOL	4	Liters(L)	02-Jun-21
0001701105	67-63-0	2-PROPANOL	4	Liters(L)	02-Jun-21
0001701106	67-63-0	2-PROPANOL	4	Liters(L)	02-Jun-21
0001701107	67-63-0	2-PROPANOL	4	Liters(L)	02-Jun-21
0001700449	71-43-2	Benzene Kovats Probe Standard	1	Milliliter(ML)	02-Jun-21
0001579744	-	Weather-Plate Ext Flat W/B	5	Gallon(GAL)	02-Jun-21
0001700455	71-43-2	Benzene Kovats Probe Standard	1	Milliliter(ML)	02-Jun-21
0001700453	71-43-2	Benzene Kovats Probe Standard	1	Milliliter(ML)	02-Jun-21
0001700452	71-43-2	Benzene Kovats Probe Standard	1	Milliliter(ML)	02-Jun-21
0001700454	71-43-2	Benzene Kovats Probe Standard	1	Milliliter(ML)	02-Jun-21
0001700450	71-43-2	Benzene Kovats Probe Standard	1	Milliliter(ML)	02-Jun-21
0001700456	71-43-2	Benzene Kovats Probe Standard	1	Milliliter(ML)	02-Jun-21
0001700451	71-43-2	Benzene Kovats Probe Standard	1	Milliliter(ML)	02-Jun-21
0001663401	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001663402	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001662855	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001579745	-	Avalon Premium 100% Acrylic Interior Eggshell M/B	5	Gallon(GAL)	02-Jun-21
0001662858	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001662857	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001662856	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001662847	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001662852	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001662851	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001662848	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001662846	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001662850	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001662849	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001579746	-	BULLS EYE 1-2-3	5	Gallon(GAL)	02-Jun-21
0001388314	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001388289	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001388309	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001388323	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001388290	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001388291	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001388324	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001388288	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001388315	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001388292	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001388316	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001388297	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001388317	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001388318	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001388319	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001388301	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001388300	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001388299	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001388298	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001388294	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001388295	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001388296	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001388293	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001388282	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001388326	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001388308	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001388275	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001388307	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001388306	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001388305	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001388304	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001388303	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001388302	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001388312	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001388283	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001388325	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001388281	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001388280	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001388310	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001388287	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001388286	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001388284	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001388285	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001388279	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001388313	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001388311	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001388322	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001388321	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001388320	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001388276	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001388277	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001388278	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001663375	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001663376	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001663377	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001663378	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001663379	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001663380	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001663382	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001663381	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001663397	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001663387	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001663383	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001663395	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001663392	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001663385	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001663391	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001663390	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001663384	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001663388	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001663393	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001663394	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001663396	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001663398	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001663386	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001663389	7732-18-5	Hydrochloric Acid 30-31%	3000	Pounds(LB)	02-Jun-21
0001579747	-	CC FIX	5	Gallon(GAL)	02-Jun-21
0001579748	-	CC FIX	5	Gallon(GAL)	02-Jun-21
0001579749	-	CC FIX	5	Gallon(GAL)	02-Jun-21
0001579750	-	CC FIX	5	Gallon(GAL)	02-Jun-21
0001579751	-	CC FIX	5	Gallon(GAL)	02-Jun-21
0001579752	-	CC FIX	5	Gallon(GAL)	02-Jun-21
0001701228	167465-36-3	Zosuquidar (hydrochloride)	5	Milligram(MG)	02-Jun-21
0001701229	206873-63-4	Tariquidar	5	Milligram(MG)	02-Jun-21
0001701235	-	Hydrochloric Acid	2	Liters(L)	02-Jun-21
0001701236	-	Hydrochloric Acid	2	Liters(L)	02-Jun-21
0001700673	-	ICP Rare Earth Metals Group Calibration Standard 100 µg/mL Ce Dy Er Eu Gd Ho La Lu Nd Pr Sm Sc Tb Th Tm U Y	125	Milliliter(ML)	02-Jun-21
0001700674	-	ICP Rare Earth Metals Group Calibration Standard 100 µg/mL Ce Dy Er Eu Gd Ho La Lu Nd Pr Sm Sc Tb Th Tm U Y	125	Milliliter(ML)	02-Jun-21
0001613548	12004-37-4	Photoluminescent Pigment	1	Kilograms(KG)	02-Jun-21
0001613550	12004-37-4	Photoluminescent Pigment	1	Kilograms(KG)	02-Jun-21
0001613549	12004-37-4	Photoluminescent Pigment	1	Kilograms(KG)	02-Jun-21
0001459801	-	POLYAMIDE RESIN CURING AGENT	6	Quarts(QT)	02-Jun-21
0001459804	-	POLYAMIDE RESIN CURING AGENT	6	Quarts(QT)	02-Jun-21
0001459803	-	POLYAMIDE RESIN CURING AGENT	6	Quarts(QT)	02-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001459802	-	POLYAMIDE RESIN CURING AGENT	6	Quarts(QT)	02-Jun-21
0001459806	-	POLYAMIDE RESIN CURING AGENT	6	Quarts(QT)	02-Jun-21
0001459805	-	POLYAMIDE RESIN CURING AGENT	6	Quarts(QT)	02-Jun-21
0001701230	5490-27-7	Dihydrostreptomycin Sulfate	500	Milligram(MG)	02-Jun-21
0001701231	1758-68-5	1 2-Diaminoanthraquinone	25	Gram(GM)	02-Jun-21
0001701232	301-10-0	TIN (II) 2-ETHYLHEXANOATE	100	Gram(GM)	02-Jun-21
0001701233	301-10-0	TIN (II) 2-ETHYLHEXANOATE	100	Gram(GM)	02-Jun-21
0001701234	62669-70-9	RHODAMINE 123	5	Milligram(MG)	02-Jun-21
0001701237	109-09-1	2-CHLOROPYRIDINE	100	Gram(GM)	02-Jun-21
0001701238	109-77-3	MALONONITRILE	100	Gram(GM)	02-Jun-21
0001701239	67-63-0	2-PROPANOL	4	Liters(L)	02-Jun-21
0001701240	7664-93-9	Sulfuric Acid Digital Titrator Cartridge	100	Milliliter(ML)	02-Jun-21
0001701248	7664-93-9	Sulfuric Acid Digital Titrator Cartridge	100	Milliliter(ML)	02-Jun-21
0001701241	7664-93-9	Sulfuric Acid Digital Titrator Cartridge	100	Milliliter(ML)	02-Jun-21
0001701244	7664-93-9	Sulfuric Acid Digital Titrator Cartridge	100	Milliliter(ML)	02-Jun-21
0001701245	7664-93-9	Sulfuric Acid Digital Titrator Cartridge	100	Milliliter(ML)	02-Jun-21
0001701246	7664-93-9	Sulfuric Acid Digital Titrator Cartridge	100	Milliliter(ML)	02-Jun-21
0001701247	7664-93-9	Sulfuric Acid Digital Titrator Cartridge	100	Milliliter(ML)	02-Jun-21
0001701242	7664-93-9	Sulfuric Acid Digital Titrator Cartridge	100	Milliliter(ML)	02-Jun-21
0001701249	7664-93-9	Sulfuric Acid Digital Titrator Cartridge	100	Milliliter(ML)	02-Jun-21
0001701243	7664-93-9	Sulfuric Acid Digital Titrator Cartridge	100	Milliliter(ML)	02-Jun-21
0001701250	-	10 000 ug/mL Strontium	125	Milliliter(ML)	02-Jun-21
0001701252	-	10 000 ug/mL Strontium	125	Milliliter(ML)	02-Jun-21
0001701251	-	10 000 ug/mL Strontium	125	Milliliter(ML)	02-Jun-21
0001646915	-	NITRAVER 5 NITRATE REAGENT	250	Milliliter(ML)	02-Jun-21
0001646908	-	NITRAVER 5 NITRATE REAGENT	250	Milliliter(ML)	02-Jun-21
0001646909	-	NITRAVER 5 NITRATE REAGENT	250	Milliliter(ML)	02-Jun-21
0001646910	-	NITRAVER 5 NITRATE REAGENT	250	Milliliter(ML)	02-Jun-21
0001646911	-	NITRAVER 5 NITRATE REAGENT	250	Milliliter(ML)	02-Jun-21
0001646912	-	NITRAVER 5 NITRATE REAGENT	250	Milliliter(ML)	02-Jun-21
0001646916	-	NITRAVER 5 NITRATE REAGENT	250	Milliliter(ML)	02-Jun-21
0001646914	-	NITRAVER 5 NITRATE REAGENT	250	Milliliter(ML)	02-Jun-21
0001646921	-	NITRAVER 5 NITRATE REAGENT	250	Milliliter(ML)	02-Jun-21
0001646917	-	NITRAVER 5 NITRATE REAGENT	250	Milliliter(ML)	02-Jun-21
0001646918	-	NITRAVER 5 NITRATE REAGENT	250	Milliliter(ML)	02-Jun-21
0001646919	-	NITRAVER 5 NITRATE REAGENT	250	Milliliter(ML)	02-Jun-21
0001646920	-	NITRAVER 5 NITRATE REAGENT	250	Milliliter(ML)	02-Jun-21
0001646923	-	NITRAVER 5 NITRATE REAGENT	250	Milliliter(ML)	02-Jun-21
0001646922	-	NITRAVER 5 NITRATE REAGENT	250	Milliliter(ML)	02-Jun-21
0001646913	-	NITRAVER 5 NITRATE REAGENT	250	Milliliter(ML)	02-Jun-21
0001646927	-	CHROMAVER 3	500	Milliliter(ML)	02-Jun-21
0001646924	-	CHROMAVER 3	500	Milliliter(ML)	02-Jun-21
0001646925	-	CHROMAVER 3	500	Milliliter(ML)	02-Jun-21
0001646926	-	CHROMAVER 3	500	Milliliter(ML)	02-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001646928	-	H2SO4 PRESERVATION KIT FOR 250 ML CONTAINER	100	Milliliter(ML)	02-Jun-21
0001646929	7697-37-2	HNO3 Preservation for 500 ml Container	100	Milliliter(ML)	02-Jun-21
0001662424	-	ARGON GAS	100	Liters(L)	02-Jun-21
0001662433	-	Krypton Compressed	98	Liters(L)	02-Jun-21
0001646930	-	HNO3 PRESERVATION FOR 250 ML	100	Milliliter(ML)	02-Jun-21
0001646932	-	HNO3 PRESERVATION KIT FOR 1000 ML CONTAINER	100	Milliliter(ML)	02-Jun-21
0001646933	-	HNO3 PRESERVATION KIT FOR 1000 ML CONTAINER	100	Milliliter(ML)	02-Jun-21
0001646934	-	HNO3 PRESERVATION KIT FOR 1000 ML CONTAINER	100	Milliliter(ML)	02-Jun-21
0001646935	-	HNO3 PRESERVATION KIT FOR 1000 ML CONTAINER	100	Milliliter(ML)	02-Jun-21
0001646931	7697-37-2	HNO3 Preservation for 500 ml Container	100	Milliliter(ML)	02-Jun-21
0001579927	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579942	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579950	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579956	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579955	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579954	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579953	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579952	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579951	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579949	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579948	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579947	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579946	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579957	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579944	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579965	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579940	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579945	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579966	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579975	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579974	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579973	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579972	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579971	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579970	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579969	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579963	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579967	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579958	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579941	-	portland cement 1	60	Pounds(LB)	02-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001579964	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579939	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579962	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579961	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579960	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579959	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579968	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579943	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579983	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579984	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579985	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579986	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579987	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579988	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579982	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579990	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579989	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579992	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579993	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579994	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579995	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579996	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579997	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579998	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579938	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579934	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579991	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579981	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579936	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579935	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579937	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579933	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579932	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579931	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579979	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579929	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579928	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579976	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579977	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579980	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579978	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001579930	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001630399	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001630447	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001630439	-	portland cement 1	60	Pounds(LB)	02-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001630430	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001630431	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001630432	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001630437	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001630438	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001630446	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001630440	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001630441	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001630435	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001630448	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001630442	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001630434	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001630443	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001630445	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001630436	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001630433	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001630444	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001630407	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001630426	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001630414	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001630413	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001630412	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001630411	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001630410	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001630415	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001630408	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001630416	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001630406	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001630405	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001630404	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001630403	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001630402	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001630401	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001630400	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001630409	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001630423	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001630450	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001630451	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001630452	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001630429	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001630428	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001630427	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001630424	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001630449	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001630422	-	portland cement 1	60	Pounds(LB)	02-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001630421	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001630420	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001630419	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001630418	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001630417	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001630425	-	portland cement 1	60	Pounds(LB)	02-Jun-21
0001701255	-	10 000 ug/mL Zirconium	125	Milliliter(ML)	02-Jun-21
0001701256	-	10 000 ug/mL Zirconium	125	Milliliter(ML)	02-Jun-21
0001701257	-	10 000 ug/mL Molybdenum	125	Milliliter(ML)	02-Jun-21
0001701258	-	10 000 ug/mL Molybdenum	125	Milliliter(ML)	02-Jun-21
0001701261	-	10 000 ug/mL Cadmium	125	Milliliter(ML)	02-Jun-21
0001701262	-	10 000 ug/mL Cadmium	125	Milliliter(ML)	02-Jun-21
0001701263	-	10 000 ug/mL Cesium	125	Milliliter(ML)	02-Jun-21
0001701264	-	10 000 ug/mL Cesium	125	Milliliter(ML)	02-Jun-21
0001701265	-	10 000 ug/mL Barium	125	Milliliter(ML)	02-Jun-21
0001701266	-	10 000 ug/mL Barium	125	Milliliter(ML)	02-Jun-21
0001701267	-	10 000 ug/mL Cerium	125	Milliliter(ML)	02-Jun-21
0001701268	-	10 000 ug/mL Cerium	125	Milliliter(ML)	02-Jun-21
0001701269	15243-33-1	Triruthenium dodecacarbonyl 99%	1	Gram(GM)	02-Jun-21
0001701272	-	CiDehol 70	1	Gallon(GAL)	02-Jun-21
0001701275	-	CiDehol 70	1	Gallon(GAL)	02-Jun-21
0001701274	-	CiDehol 70	1	Gallon(GAL)	02-Jun-21
0001701273	-	CiDehol 70	1	Gallon(GAL)	02-Jun-21
0001701276	79-37-8	OXALYL CHLORIDE	25	Gram(GM)	02-Jun-21
0001701271	12069-32-8	BORON CARBIDE	1	Kilograms(KG)	02-Jun-21
0001701253	-	10 000 ug/mL Yttrium	125	Milliliter(ML)	02-Jun-21
0001701254	-	10 000 ug/mL Yttrium	125	Milliliter(ML)	02-Jun-21
0001701259	-	10 000 ug/mL Silver	125	Milliliter(ML)	02-Jun-21
0001701260	-	10 000 ug/mL Silver	125	Milliliter(ML)	02-Jun-21
0001701270	11065-24-0	Tetrairidium dodecacarbonyl	500	Milligram(MG)	02-Jun-21
0001701531	-	Novec 72DE Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701567	-	Novec 72DE Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701559	-	Novec 72DE Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701552	-	Novec 72DE Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701550	-	Novec 72DE Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701554	-	Novec 72DE Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701549	-	Novec 72DE Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701555	-	Novec 72DE Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701556	-	Novec 72DE Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701557	-	Novec 72DE Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701558	-	Novec 72DE Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701560	-	Novec 72DE Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701561	-	Novec 72DE Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701562	-	Novec 72DE Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701563	-	Novec 72DE Engineered Fluid	1	Gallon(GAL)	03-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001701564	-	Novec 72DE Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701566	-	Novec 72DE Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701568	-	Novec 72DE Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701569	-	Novec 72DE Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701570	-	Novec 72DE Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701551	-	Novec 72DE Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701548	-	Novec 72DE Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701565	-	Novec 72DE Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701535	-	Novec 72DE Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701553	-	Novec 72DE Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701547	-	Novec 72DE Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701532	-	Novec 72DE Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701534	-	Novec 72DE Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701536	-	Novec 72DE Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701537	-	Novec 72DE Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701538	-	Novec 72DE Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701539	-	Novec 72DE Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701541	-	Novec 72DE Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701542	-	Novec 72DE Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701543	-	Novec 72DE Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701546	-	Novec 72DE Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701544	-	Novec 72DE Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701540	-	Novec 72DE Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701545	-	Novec 72DE Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701533	-	Novec 72DE Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701572	-	Novec 71IPA Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701571	-	Novec 71IPA Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701591	-	Novec 71IPA Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701597	-	Novec 71IPA Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701595	-	Novec 71IPA Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701594	-	Novec 71IPA Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701592	-	Novec 71IPA Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701590	-	Novec 71IPA Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701599	-	Novec 71IPA Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701589	-	Novec 71IPA Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701607	-	Novec 71IPA Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701593	-	Novec 71IPA Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701600	-	Novec 71IPA Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701601	-	Novec 71IPA Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701602	-	Novec 71IPA Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701603	-	Novec 71IPA Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701604	-	Novec 71IPA Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701588	-	Novec 71IPA Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701606	-	Novec 71IPA Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701596	-	Novec 71IPA Engineered Fluid	1	Gallon(GAL)	03-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001701608	-	Novec 71IPA Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701609	-	Novec 71IPA Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701610	-	Novec 71IPA Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701605	-	Novec 71IPA Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701578	-	Novec 71IPA Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701587	-	Novec 71IPA Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701598	-	Novec 71IPA Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701573	-	Novec 71IPA Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701574	-	Novec 71IPA Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701575	-	Novec 71IPA Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701577	-	Novec 71IPA Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701579	-	Novec 71IPA Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701580	-	Novec 71IPA Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701581	-	Novec 71IPA Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701582	-	Novec 71IPA Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701583	-	Novec 71IPA Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701584	-	Novec 71IPA Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701585	-	Novec 71IPA Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701586	-	Novec 71IPA Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701576	-	Novec 71IPA Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701791	-	Hydrochloric Acid	2	Liters(L)	03-Jun-21
0001701794	-	Hydrochloric Acid	2	Liters(L)	03-Jun-21
0001701793	-	Hydrochloric Acid	2	Liters(L)	03-Jun-21
0001701792	-	Hydrochloric Acid	2	Liters(L)	03-Jun-21
0001701795	-	AMMONIA SOLUTION OPTIMA	500	Milliliter(ML)	03-Jun-21
0001701796	-	AMMONIA SOLUTION OPTIMA	500	Milliliter(ML)	03-Jun-21
0001701797	-	AMMONIA SOLUTION OPTIMA	500	Milliliter(ML)	03-Jun-21
0001701798	943-14-6	2-Bromo-5-nitrobenzoic acid	5	Gram(GM)	03-Jun-21
0001701799	-	DP-SUSPENSION A	500	Milliliter(ML)	03-Jun-21
0001701801	-	DP-SUSPENSION A	500	Milliliter(ML)	03-Jun-21
0001701800	-	DP-SUSPENSION A	500	Milliliter(ML)	03-Jun-21
0001701802	-	STRUERS DP-LUBRICANT BLUE	5	Liters(L)	03-Jun-21
0001701803	60-29-7	DIETHYL ETHER ANHYDROUS	1	Liters(L)	03-Jun-21
0001701804	60-29-7	DIETHYL ETHER ANHYDROUS	1	Liters(L)	03-Jun-21
0001701808	60-29-7	DIETHYL ETHER ANHYDROUS	1	Liters(L)	03-Jun-21
0001701807	60-29-7	DIETHYL ETHER ANHYDROUS	1	Liters(L)	03-Jun-21
0001701805	60-29-7	DIETHYL ETHER ANHYDROUS	1	Liters(L)	03-Jun-21
0001701806	60-29-7	DIETHYL ETHER ANHYDROUS	1	Liters(L)	03-Jun-21
0001701809	2627-86-3	(S)-(-)-a-Methylbenzylamine	100	Gram(GM)	03-Jun-21
0001701810	7787-64-6	BISMUTH (III) IODIDE	100	Gram(GM)	03-Jun-21
0001701871	7697-37-2	Nitric acid 65% extra pure	25	Liters(L)	03-Jun-21
0001701872	7697-37-2	Nitric acid 65% extra pure	25	Liters(L)	03-Jun-21
0001701895	7697-37-2	Nitric acid 65% extra pure	25	Liters(L)	03-Jun-21
0001701874	7697-37-2	Nitric acid 65% extra pure	25	Liters(L)	03-Jun-21
0001701875	7697-37-2	Nitric acid 65% extra pure	25	Liters(L)	03-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001701876	7697-37-2	Nitric acid 65% extra pure	25	Liters(L)	03-Jun-21
0001701877	7697-37-2	Nitric acid 65% extra pure	25	Liters(L)	03-Jun-21
0001701878	7697-37-2	Nitric acid 65% extra pure	25	Liters(L)	03-Jun-21
0001701879	7697-37-2	Nitric acid 65% extra pure	25	Liters(L)	03-Jun-21
0001701880	7697-37-2	Nitric acid 65% extra pure	25	Liters(L)	03-Jun-21
0001701881	7697-37-2	Nitric acid 65% extra pure	25	Liters(L)	03-Jun-21
0001701882	7697-37-2	Nitric acid 65% extra pure	25	Liters(L)	03-Jun-21
0001701884	7697-37-2	Nitric acid 65% extra pure	25	Liters(L)	03-Jun-21
0001701894	7697-37-2	Nitric acid 65% extra pure	25	Liters(L)	03-Jun-21
0001701887	7697-37-2	Nitric acid 65% extra pure	25	Liters(L)	03-Jun-21
0001701886	7697-37-2	Nitric acid 65% extra pure	25	Liters(L)	03-Jun-21
0001701885	7697-37-2	Nitric acid 65% extra pure	25	Liters(L)	03-Jun-21
0001701888	7697-37-2	Nitric acid 65% extra pure	25	Liters(L)	03-Jun-21
0001701889	7697-37-2	Nitric acid 65% extra pure	25	Liters(L)	03-Jun-21
0001701890	7697-37-2	Nitric acid 65% extra pure	25	Liters(L)	03-Jun-21
0001701891	7697-37-2	Nitric acid 65% extra pure	25	Liters(L)	03-Jun-21
0001701892	7697-37-2	Nitric acid 65% extra pure	25	Liters(L)	03-Jun-21
0001701893	7697-37-2	Nitric acid 65% extra pure	25	Liters(L)	03-Jun-21
0001701883	7697-37-2	Nitric acid 65% extra pure	25	Liters(L)	03-Jun-21
0001701873	7697-37-2	Nitric acid 65% extra pure	25	Liters(L)	03-Jun-21
0001701855	1344-28-1	ALUMINUM OXIDE	5	Kilograms(KG)	03-Jun-21
0001701859	1344-28-1	ALUMINUM OXIDE	5	Kilograms(KG)	03-Jun-21
0001701858	1344-28-1	ALUMINUM OXIDE	5	Kilograms(KG)	03-Jun-21
0001701857	1344-28-1	ALUMINUM OXIDE	5	Kilograms(KG)	03-Jun-21
0001701856	1344-28-1	ALUMINUM OXIDE	5	Kilograms(KG)	03-Jun-21
0001701854	943-14-6	2-Bromo-5-nitrobenzoic acid	25	Gram(GM)	03-Jun-21
0001701847	1693-74-9	TETRAHYDROFURAN-D8	10	Gram(GM)	03-Jun-21
0001701852	1693-74-9	TETRAHYDROFURAN-D8	10	Gram(GM)	03-Jun-21
0001701851	1693-74-9	TETRAHYDROFURAN-D8	10	Gram(GM)	03-Jun-21
0001701850	1693-74-9	TETRAHYDROFURAN-D8	10	Gram(GM)	03-Jun-21
0001701849	1693-74-9	TETRAHYDROFURAN-D8	10	Gram(GM)	03-Jun-21
0001701848	1693-74-9	TETRAHYDROFURAN-D8	10	Gram(GM)	03-Jun-21
0001701853	1693-74-9	TETRAHYDROFURAN-D8	10	Gram(GM)	03-Jun-21
0001701814	3296-90-0	2 2-BIS(BROMOMETHYL)-1 3-PROPANEDIOL	25	Gram(GM)	03-Jun-21
0001701815	3296-90-0	2 2-BIS(BROMOMETHYL)-1 3-PROPANEDIOL	25	Gram(GM)	03-Jun-21
0001701816	81290-20-2	Trimethyl(trifluoromethyl)silane	25	Gram(GM)	03-Jun-21
0001701817	81290-20-2	Trimethyl(trifluoromethyl)silane	25	Gram(GM)	03-Jun-21
0001701818	81290-20-2	Trimethyl(trifluoromethyl)silane	25	Gram(GM)	03-Jun-21
0001701821	13759-92-7	EUROPIUM(III) CHLORIDE HEXAHYDRATE	25	Gram(GM)	03-Jun-21
0001701822	-	IMDM	500	Milliliter(ML)	03-Jun-21
0001701823	-	IMDM	500	Milliliter(ML)	03-Jun-21
0001701824	7732-18-5	BUFFER SOLUTION PH4	500	Milliliter(ML)	03-Jun-21
0001701825	7732-18-5	BUFFER SOLUTION PH4	500	Milliliter(ML)	03-Jun-21
0001701826	7732-18-5	BUFFER SOLUTION PH4	500	Milliliter(ML)	03-Jun-21
0001701827	7732-18-5	BUFFER SOLUTION PH4	500	Milliliter(ML)	03-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001701828	1310-58-3	POTASSIUM HYDROXIDE	100	Milliliter(ML)	03-Jun-21
0001701830	1310-58-3	POTASSIUM HYDROXIDE	100	Milliliter(ML)	03-Jun-21
0001701832	1310-58-3	POTASSIUM HYDROXIDE	100	Milliliter(ML)	03-Jun-21
0001701829	1310-58-3	POTASSIUM HYDROXIDE	100	Milliliter(ML)	03-Jun-21
0001701833	1310-58-3	POTASSIUM HYDROXIDE	100	Milliliter(ML)	03-Jun-21
0001701834	1310-58-3	POTASSIUM HYDROXIDE	100	Milliliter(ML)	03-Jun-21
0001701835	1310-58-3	POTASSIUM HYDROXIDE	100	Milliliter(ML)	03-Jun-21
0001701836	1310-58-3	POTASSIUM HYDROXIDE	100	Milliliter(ML)	03-Jun-21
0001701837	1310-58-3	POTASSIUM HYDROXIDE	100	Milliliter(ML)	03-Jun-21
0001701831	1310-58-3	POTASSIUM HYDROXIDE	100	Milliliter(ML)	03-Jun-21
0001701838	-	MINERAL SPIRITS	4	Liters(L)	03-Jun-21
0001701839	-	MINERAL SPIRITS	4	Liters(L)	03-Jun-21
0001701840	103-90-2	4-Acetamidophenol	250	Gram(GM)	03-Jun-21
0001701841	7761-88-8	SILVER NITRATE	100	Gram(GM)	03-Jun-21
0001701842	7761-88-8	SILVER NITRATE	100	Gram(GM)	03-Jun-21
0001701843	7761-88-8	SILVER NITRATE	100	Gram(GM)	03-Jun-21
0001701844	7791-11-9	RUBIDIUM CHLORIDE	50	Gram(GM)	03-Jun-21
0001701845	108-10-1	4-METHYL-2-PENTANONE	1	Liters(L)	03-Jun-21
0001701846	937-14-4	3-CHLOROPEROXYBENZOIC ACID	25	Gram(GM)	03-Jun-21
0001701511	297730-93-9	3M Novec 7500 Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701515	297730-93-9	3M Novec 7500 Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701521	297730-93-9	3M Novec 7500 Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701520	297730-93-9	3M Novec 7500 Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701519	297730-93-9	3M Novec 7500 Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701518	297730-93-9	3M Novec 7500 Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701516	297730-93-9	3M Novec 7500 Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701514	297730-93-9	3M Novec 7500 Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701513	297730-93-9	3M Novec 7500 Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701512	297730-93-9	3M Novec 7500 Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701528	297730-93-9	3M Novec 7500 Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701522	297730-93-9	3M Novec 7500 Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701517	297730-93-9	3M Novec 7500 Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701523	297730-93-9	3M Novec 7500 Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701530	297730-93-9	3M Novec 7500 Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701529	297730-93-9	3M Novec 7500 Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701527	297730-93-9	3M Novec 7500 Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701525	297730-93-9	3M Novec 7500 Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701524	297730-93-9	3M Novec 7500 Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001701526	297730-93-9	3M Novec 7500 Engineered Fluid	1	Gallon(GAL)	03-Jun-21
0001679706	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Jun-21
0001679709	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Jun-21
0001679707	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Jun-21
0001679708	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Jun-21
0001679712	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Jun-21
0001679711	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001679710	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Jun-21
0001679728	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Jun-21
0001679721	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Jun-21
0001679715	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Jun-21
0001679716	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Jun-21
0001679717	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Jun-21
0001679718	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Jun-21
0001679713	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Jun-21
0001679720	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Jun-21
0001679714	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Jun-21
0001679722	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Jun-21
0001679723	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Jun-21
0001679724	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Jun-21
0001679725	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Jun-21
0001679726	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Jun-21
0001679727	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Jun-21
0001679719	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Jun-21
0001679729	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Jun-21
0001679731	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Jun-21
0001679732	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Jun-21
0001679730	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	03-Jun-21
0001679733	-	ARGON GAS	220	Cubic Feet(CF)	03-Jun-21
0001679739	-	ARGON GAS	220	Cubic Feet(CF)	03-Jun-21
0001679744	-	ARGON GAS	220	Cubic Feet(CF)	03-Jun-21
0001679742	-	ARGON GAS	220	Cubic Feet(CF)	03-Jun-21
0001679734	-	ARGON GAS	220	Cubic Feet(CF)	03-Jun-21
0001679736	-	ARGON GAS	220	Cubic Feet(CF)	03-Jun-21
0001679737	-	ARGON GAS	220	Cubic Feet(CF)	03-Jun-21
0001679738	-	ARGON GAS	220	Cubic Feet(CF)	03-Jun-21
0001679760	-	ARGON GAS	220	Cubic Feet(CF)	03-Jun-21
0001679740	-	ARGON GAS	220	Cubic Feet(CF)	03-Jun-21
0001679741	-	ARGON GAS	220	Cubic Feet(CF)	03-Jun-21
0001679745	-	ARGON GAS	220	Cubic Feet(CF)	03-Jun-21
0001679735	-	ARGON GAS	220	Cubic Feet(CF)	03-Jun-21
0001679754	-	ARGON GAS	220	Cubic Feet(CF)	03-Jun-21
0001679746	-	ARGON GAS	220	Cubic Feet(CF)	03-Jun-21
0001679747	-	ARGON GAS	220	Cubic Feet(CF)	03-Jun-21
0001679748	-	ARGON GAS	220	Cubic Feet(CF)	03-Jun-21
0001679749	-	ARGON GAS	220	Cubic Feet(CF)	03-Jun-21
0001679750	-	ARGON GAS	220	Cubic Feet(CF)	03-Jun-21
0001679751	-	ARGON GAS	220	Cubic Feet(CF)	03-Jun-21
0001679743	-	ARGON GAS	220	Cubic Feet(CF)	03-Jun-21
0001679753	-	ARGON GAS	220	Cubic Feet(CF)	03-Jun-21
0001679761	-	ARGON GAS	220	Cubic Feet(CF)	03-Jun-21
0001679755	-	ARGON GAS	220	Cubic Feet(CF)	03-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001679756	-	ARGON GAS	220	Cubic Feet(CF)	03-Jun-21
0001679757	-	ARGON GAS	220	Cubic Feet(CF)	03-Jun-21
0001679758	-	ARGON GAS	220	Cubic Feet(CF)	03-Jun-21
0001679759	-	ARGON GAS	220	Cubic Feet(CF)	03-Jun-21
0001679762	-	ARGON GAS	220	Cubic Feet(CF)	03-Jun-21
0001679752	-	ARGON GAS	220	Cubic Feet(CF)	03-Jun-21
0001679763	-	Methane 0-15% Methane balance Nitrogen	175	Cubic Feet(CF)	03-Jun-21
0001679764	-	Argon 75% Carbon Dioxide 25%	220	Cubic Feet(CF)	03-Jun-21
0001679765	-	Compressed Air	220	Cubic Feet(CF)	03-Jun-21
0001679766	-	Compressed Air	220	Cubic Feet(CF)	03-Jun-21
0001679771	-	Compressed Air	220	Cubic Feet(CF)	03-Jun-21
0001679770	-	Compressed Air	220	Cubic Feet(CF)	03-Jun-21
0001679769	-	Compressed Air	220	Cubic Feet(CF)	03-Jun-21
0001679767	-	Compressed Air	220	Cubic Feet(CF)	03-Jun-21
0001679768	-	Compressed Air	220	Cubic Feet(CF)	03-Jun-21
0001679772	124-38-9	CARBON DIOXIDE GAS	50	Cubic Feet(CF)	03-Jun-21
0001679774	124-38-9	CARBON DIOXIDE GAS	50	Cubic Feet(CF)	03-Jun-21
0001679777	124-38-9	CARBON DIOXIDE GAS	50	Cubic Feet(CF)	03-Jun-21
0001679775	124-38-9	CARBON DIOXIDE GAS	50	Cubic Feet(CF)	03-Jun-21
0001679773	124-38-9	CARBON DIOXIDE GAS	50	Cubic Feet(CF)	03-Jun-21
0001679776	124-38-9	CARBON DIOXIDE GAS	50	Cubic Feet(CF)	03-Jun-21
0001679778	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	03-Jun-21
0001679813	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	03-Jun-21
0001679806	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	03-Jun-21
0001679807	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	03-Jun-21
0001679808	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	03-Jun-21
0001679809	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	03-Jun-21
0001679810	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	03-Jun-21
0001679812	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	03-Jun-21
0001679814	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	03-Jun-21
0001679783	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	03-Jun-21
0001679805	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	03-Jun-21
0001679811	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	03-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001679786	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	03-Jun-21
0001679794	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	03-Jun-21
0001679785	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	03-Jun-21
0001679804	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	03-Jun-21
0001679793	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	03-Jun-21
0001679780	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	03-Jun-21
0001679784	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	03-Jun-21
0001679781	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	03-Jun-21
0001679779	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	03-Jun-21
0001679791	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	03-Jun-21
0001679790	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	03-Jun-21
0001679789	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	03-Jun-21
0001679792	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	03-Jun-21
0001679787	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	03-Jun-21
0001679782	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	03-Jun-21
0001679795	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	03-Jun-21
0001679796	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	03-Jun-21
0001679797	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	03-Jun-21
0001679798	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	03-Jun-21
0001679799	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	03-Jun-21
0001679800	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	03-Jun-21
0001679801	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	03-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001679802	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	03-Jun-21
0001679803	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	03-Jun-21
0001679788	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	03-Jun-21
0001679815	-	Hydrogen 5%/Nitrogen 10%/Balance Carbon Dioxide	220	Cubic Feet(CF)	03-Jun-21
0001679816	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	03-Jun-21
0001679821	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	03-Jun-21
0001679823	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	03-Jun-21
0001679820	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	03-Jun-21
0001679819	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	03-Jun-21
0001679818	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	03-Jun-21
0001679817	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	03-Jun-21
0001679822	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	03-Jun-21
0001679824	-	OXYGEN COMPRESSED GAS	60	Cubic Feet(CF)	03-Jun-21
0001679825	-	OXYGEN COMPRESSED GAS	60	Cubic Feet(CF)	03-Jun-21
0001679826	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	03-Jun-21
0001679828	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	03-Jun-21
0001679836	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	03-Jun-21
0001679835	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	03-Jun-21
0001679834	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	03-Jun-21
0001679833	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	03-Jun-21
0001679832	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	03-Jun-21
0001679831	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	03-Jun-21
0001679829	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	03-Jun-21
0001679827	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	03-Jun-21
0001679830	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	03-Jun-21
0001679837	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	03-Jun-21
0001679846	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	03-Jun-21
0001679843	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	03-Jun-21
0001679849	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	03-Jun-21
0001679847	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	03-Jun-21
0001679848	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	03-Jun-21
0001679844	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	03-Jun-21
0001679842	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	03-Jun-21
0001679841	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	03-Jun-21
0001679840	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	03-Jun-21
0001679850	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	03-Jun-21
0001679839	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	03-Jun-21
0001679851	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	03-Jun-21
0001679838	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	03-Jun-21
0001679845	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	03-Jun-21
0001679852	74-98-6	PROPANE	5	Gallon(GAL)	03-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001679853	74-98-6	PROPANE	11	Gallon(GAL)	03-Jun-21
0001579880	-	Promar 400 Interior Latex Flat Eg-Shel Semi-Gloss Gloss	5	Gallon(GAL)	03-Jun-21
0001579881	-	Promar 400 Interior Latex Flat Eg-Shel Semi-Gloss Gloss	5	Gallon(GAL)	03-Jun-21
0001579889	-	Promar 400 Interior Latex Flat Eg-Shel Semi-Gloss Gloss	5	Gallon(GAL)	03-Jun-21
0001579891	-	Promar 400 Interior Latex Flat Eg-Shel Semi-Gloss Gloss	5	Gallon(GAL)	03-Jun-21
0001579887	-	Promar 400 Interior Latex Flat Eg-Shel Semi-Gloss Gloss	5	Gallon(GAL)	03-Jun-21
0001579890	-	Promar 400 Interior Latex Flat Eg-Shel Semi-Gloss Gloss	5	Gallon(GAL)	03-Jun-21
0001579888	-	Promar 400 Interior Latex Flat Eg-Shel Semi-Gloss Gloss	5	Gallon(GAL)	03-Jun-21
0001579886	-	Promar 400 Interior Latex Flat Eg-Shel Semi-Gloss Gloss	5	Gallon(GAL)	03-Jun-21
0001579885	-	Promar 400 Interior Latex Flat Eg-Shel Semi-Gloss Gloss	5	Gallon(GAL)	03-Jun-21
0001579883	-	Promar 400 Interior Latex Flat Eg-Shel Semi-Gloss Gloss	5	Gallon(GAL)	03-Jun-21
0001579884	-	Promar 400 Interior Latex Flat Eg-Shel Semi-Gloss Gloss	5	Gallon(GAL)	03-Jun-21
0001579882	-	Promar 400 Interior Latex Flat Eg-Shel Semi-Gloss Gloss	5	Gallon(GAL)	03-Jun-21
0001579892	-	Promar 400 Interior Latex Flat Eg-Shel Semi-Gloss Gloss	5	Gallon(GAL)	03-Jun-21
V000008531	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V00000854B	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V000008537	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V000008536	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V000008535	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V00000852B	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V000008524	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V000008525	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V000008526	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V000008527	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V000008528	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V000008533	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V00000852A	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V000008534	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V00000852C	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V00000852D	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V00000852E	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V00000852F	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000008530	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V000008532	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V000008529	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V000008540	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V00000854D	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V00000854A	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V000008548	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V000008547	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V000008546	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V000008545	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V000008544	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V000008543	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V000008549	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V000008541	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V00000854C	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V00000853F	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V00000853E	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V00000853D	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V00000853C	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V00000853B	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V00000853A	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V000008539	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V000008538	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V000008523	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V000008542	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V000008512	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V00000854E	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V000008522	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V00000850E	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V00000850F	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V000008511	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V000008513	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V000008514	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V000008515	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V000008516	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V000008517	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V00000851E	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V000008510	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V000008518	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V000008520	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V00000851F	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V000008521	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V00000851D	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V00000851C	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V00000851B	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V00000851A	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V000008519	-	ARDEX FEATHER FINISH	10	Pounds(LB)	03-Jun-21
V000008555	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	03-Jun-21
V000008566	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	03-Jun-21
V000008553	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	03-Jun-21
V000008568	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	03-Jun-21
V000008567	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	03-Jun-21
V000008554	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	03-Jun-21
V000008565	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	03-Jun-21
V000008564	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	03-Jun-21
V000008563	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	03-Jun-21
V000008551	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	03-Jun-21
V000008556	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	03-Jun-21
V000008561	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	03-Jun-21
V000008550	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	03-Jun-21
V000008557	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	03-Jun-21
V000008558	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	03-Jun-21
V000008562	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	03-Jun-21
V000008559	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	03-Jun-21
V00000854F	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	03-Jun-21
V00000855A	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	03-Jun-21
V00000855B	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	03-Jun-21
V00000855C	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	03-Jun-21
V00000855D	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	03-Jun-21
V00000855E	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	03-Jun-21
V000008552	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	03-Jun-21
V000008560	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	03-Jun-21
V00000855F	-	HENRY 440 Cove Base Adhesive	1	Gallon(GAL)	03-Jun-21
0001579753	-	Homax Wall Texture Pro Grade- Orange Peel	25	Ounces(OZ)	03-Jun-21
0001579762	-	Homax Wall Texture Pro Grade- Orange Peel	25	Ounces(OZ)	03-Jun-21
0001579763	-	Homax Wall Texture Pro Grade- Orange Peel	25	Ounces(OZ)	03-Jun-21
0001579761	-	Homax Wall Texture Pro Grade- Orange Peel	25	Ounces(OZ)	03-Jun-21
0001579760	-	Homax Wall Texture Pro Grade- Orange Peel	25	Ounces(OZ)	03-Jun-21
0001579759	-	Homax Wall Texture Pro Grade- Orange Peel	25	Ounces(OZ)	03-Jun-21
0001579758	-	Homax Wall Texture Pro Grade- Orange Peel	25	Ounces(OZ)	03-Jun-21
0001579757	-	Homax Wall Texture Pro Grade- Orange Peel	25	Ounces(OZ)	03-Jun-21
0001579756	-	Homax Wall Texture Pro Grade- Orange Peel	25	Ounces(OZ)	03-Jun-21
0001579755	-	Homax Wall Texture Pro Grade- Orange Peel	25	Ounces(OZ)	03-Jun-21
0001579754	-	Homax Wall Texture Pro Grade- Orange Peel	25	Ounces(OZ)	03-Jun-21
0001579764	-	Homax Wall Texture Pro Grade- Orange Peel	25	Ounces(OZ)	03-Jun-21
V000008571	-	Signature Series 5080 Pressure Sensitive Adhesive	4	Gallon(GAL)	03-Jun-21
V000008572	-	Signature Series 5080 Pressure Sensitive Adhesive	4	Gallon(GAL)	03-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000008578	-	Signature Series 5080 Pressure Sensitive Adhesive	4	Gallon(GAL)	03-Jun-21
V000008577	-	Signature Series 5080 Pressure Sensitive Adhesive	4	Gallon(GAL)	03-Jun-21
V000008576	-	Signature Series 5080 Pressure Sensitive Adhesive	4	Gallon(GAL)	03-Jun-21
V000008575	-	Signature Series 5080 Pressure Sensitive Adhesive	4	Gallon(GAL)	03-Jun-21
V00000856F	-	Signature Series 5080 Pressure Sensitive Adhesive	4	Gallon(GAL)	03-Jun-21
V000008573	-	Signature Series 5080 Pressure Sensitive Adhesive	4	Gallon(GAL)	03-Jun-21
V000008569	-	Signature Series 5080 Pressure Sensitive Adhesive	4	Gallon(GAL)	03-Jun-21
V000008570	-	Signature Series 5080 Pressure Sensitive Adhesive	4	Gallon(GAL)	03-Jun-21
V00000856E	-	Signature Series 5080 Pressure Sensitive Adhesive	4	Gallon(GAL)	03-Jun-21
V00000856D	-	Signature Series 5080 Pressure Sensitive Adhesive	4	Gallon(GAL)	03-Jun-21
V00000856C	-	Signature Series 5080 Pressure Sensitive Adhesive	4	Gallon(GAL)	03-Jun-21
V00000856B	-	Signature Series 5080 Pressure Sensitive Adhesive	4	Gallon(GAL)	03-Jun-21
V00000856A	-	Signature Series 5080 Pressure Sensitive Adhesive	4	Gallon(GAL)	03-Jun-21
V000008574	-	Signature Series 5080 Pressure Sensitive Adhesive	4	Gallon(GAL)	03-Jun-21
0001579765	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	03-Jun-21
0001579770	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	03-Jun-21
0001579769	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	03-Jun-21
0001579768	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	03-Jun-21
0001579766	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	03-Jun-21
0001579767	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	03-Jun-21
0001579771	-	Avalon Premium 100% Acrylic Interior Semi-Gloss W/B	5	Gallon(GAL)	03-Jun-21
0001579773	-	Avalon Premium 100% Acrylic Interior Semi-Gloss W/B	5	Gallon(GAL)	03-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001579772	-	Avalon Premium 100% Acrylic Interior Semi-Gloss W/B	5	Gallon(GAL)	03-Jun-21
0001579774	-	Avalon Premium 100% Acrylic Interior Semi-Gloss W/B	5	Gallon(GAL)	03-Jun-21
0001579775	-	BULLS EYE 1-2-3	5	Gallon(GAL)	03-Jun-21
0001579776	-	BULLS EYE 1-2-3	5	Gallon(GAL)	03-Jun-21
0001040659	7758-02-3	KBR XL SPECTROGRADE POWDER	100	Gram(GM)	03-Jun-21
0001420907	-	PH ELECTRODE STORAGE SOLUTION	2	Ounces(OZ)	03-Jun-21
0001579777	-	Henry 430 ClearPro Clear VCT Floor Adhesive	4	Gallon(GAL)	04-Jun-21
0001579778	-	Henry 430 ClearPro Clear VCT Floor Adhesive	4	Gallon(GAL)	04-Jun-21
0001579779	-	Avalon Premium 100% Acrylic Interior Semi-Gloss W/B	5	Gallon(GAL)	04-Jun-21
0001579781	-	Avalon Premium 100% Acrylic Interior Semi-Gloss W/B	5	Gallon(GAL)	04-Jun-21
0001579780	-	Avalon Premium 100% Acrylic Interior Semi-Gloss W/B	5	Gallon(GAL)	04-Jun-21
V000008586	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	04-Jun-21
V000008589	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	04-Jun-21
V00000858A	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	04-Jun-21
V00000858B	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	04-Jun-21
V00000858C	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	04-Jun-21
V00000858D	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	04-Jun-21
V00000858E	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	04-Jun-21
V00000858F	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	04-Jun-21
V000008590	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	04-Jun-21
V000008591	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	04-Jun-21
V000008587	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	04-Jun-21
V000008588	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	04-Jun-21
0001579782	-	AMERLOCK SEALER HRD 00333521	1	Gallon(GAL)	04-Jun-21
0001579783	-	AMERLOCK SEALER HRD 00333521	1	Gallon(GAL)	04-Jun-21
0001579784	-	AMERLOCK SEALER CLEAR BASE	1	Gallon(GAL)	04-Jun-21
0001579785	-	AMERLOCK SEALER CLEAR BASE	1	Gallon(GAL)	04-Jun-21
0001579786	-	Sure Grip Exterior Latex Primer D/B	1	Gallon(GAL)	04-Jun-21
0001579788	-	Sure Grip Exterior Latex Primer D/B	1	Gallon(GAL)	04-Jun-21
0001579787	-	Sure Grip Exterior Latex Primer D/B	1	Gallon(GAL)	04-Jun-21
0001579789	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	04-Jun-21
0001579794	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	04-Jun-21
0001579790	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	04-Jun-21
0001579791	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	04-Jun-21
0001579792	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	04-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001579793	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	04-Jun-21
0001579795	-	Avalon Premium 100% Acrylic Interior Semi-Gloss W/B	5	Gallon(GAL)	04-Jun-21
0001579797	-	Avalon Premium 100% Acrylic Interior Semi-Gloss W/B	5	Gallon(GAL)	04-Jun-21
0001579798	-	Avalon Premium 100% Acrylic Interior Semi-Gloss W/B	5	Gallon(GAL)	04-Jun-21
0001579796	-	Avalon Premium 100% Acrylic Interior Semi-Gloss W/B	5	Gallon(GAL)	04-Jun-21
0001579799	-	SHEETROCK Brand PLUS 3 Lightweight All Purpose Joint Compound Ready-Mixed	4.5	Gallon(GAL)	04-Jun-21
0001579800	-	SHEETROCK Brand PLUS 3 Lightweight All Purpose Joint Compound Ready-Mixed	4.5	Gallon(GAL)	04-Jun-21
0001579801	-	SHEETROCK Brand PLUS 3 Lightweight All Purpose Joint Compound Ready-Mixed	4.5	Gallon(GAL)	04-Jun-21
0001579802	-	BULLS EYE 1-2-3	5	Gallon(GAL)	04-Jun-21
0001579805	-	BULLS EYE 1-2-3	5	Gallon(GAL)	04-Jun-21
0001579804	-	BULLS EYE 1-2-3	5	Gallon(GAL)	04-Jun-21
0001579803	-	BULLS EYE 1-2-3	5	Gallon(GAL)	04-Jun-21
0001579806	-	Homax Wall Texture Pro Grade- Orange Peel	25	Ounces(OZ)	04-Jun-21
0001579813	-	Homax Wall Texture Pro Grade- Orange Peel	25	Ounces(OZ)	04-Jun-21
0001579817	-	Homax Wall Texture Pro Grade- Orange Peel	25	Ounces(OZ)	04-Jun-21
0001579816	-	Homax Wall Texture Pro Grade- Orange Peel	25	Ounces(OZ)	04-Jun-21
0001579814	-	Homax Wall Texture Pro Grade- Orange Peel	25	Ounces(OZ)	04-Jun-21
0001579812	-	Homax Wall Texture Pro Grade- Orange Peel	25	Ounces(OZ)	04-Jun-21
0001579811	-	Homax Wall Texture Pro Grade- Orange Peel	25	Ounces(OZ)	04-Jun-21
0001579810	-	Homax Wall Texture Pro Grade- Orange Peel	25	Ounces(OZ)	04-Jun-21
0001579809	-	Homax Wall Texture Pro Grade- Orange Peel	25	Ounces(OZ)	04-Jun-21
0001579808	-	Homax Wall Texture Pro Grade- Orange Peel	25	Ounces(OZ)	04-Jun-21
0001579807	-	Homax Wall Texture Pro Grade- Orange Peel	25	Ounces(OZ)	04-Jun-21
0001579815	-	Homax Wall Texture Pro Grade- Orange Peel	25	Ounces(OZ)	04-Jun-21
V000008592	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	04-Jun-21
V000008599	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	04-Jun-21
V000008598	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	04-Jun-21
V000008597	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	04-Jun-21
V000008596	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	04-Jun-21
V000008595	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	04-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000008593	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	04-Jun-21
V000008594	-	SHEETROCK EASY SAND Lightweight Setting Type Joint Compound 5 20 45 90 210	18	Pounds(LB)	04-Jun-21
V00000859D	-	COTE ALL WHITE BASE	1	Gallon(GAL)	04-Jun-21
V00000859A	-	COTE ALL WHITE BASE	1	Gallon(GAL)	04-Jun-21
V00000859B	-	COTE ALL WHITE BASE	1	Gallon(GAL)	04-Jun-21
V00000859C	-	COTE ALL WHITE BASE	1	Gallon(GAL)	04-Jun-21
V00000859E	-	COTE ALL WHITE BASE	1	Gallon(GAL)	04-Jun-21
V00000859F	-	COTE ALL WHITE BASE	1	Gallon(GAL)	04-Jun-21
V0000085A0	-	Cote All 340 J.D. (Safety) Yellow	1	Gallon(GAL)	04-Jun-21
V0000085A1	-	Cote All 340 J.D. (Safety) Yellow	1	Gallon(GAL)	04-Jun-21
V0000085A6	-	Permacryl Int Latex Semi-Gloss W/B	1	Gallon(GAL)	04-Jun-21
V0000085A2	-	Permacryl Int Latex Semi-Gloss W/B	1	Gallon(GAL)	04-Jun-21
V0000085A3	-	Permacryl Int Latex Semi-Gloss W/B	1	Gallon(GAL)	04-Jun-21
V0000085A4	-	Permacryl Int Latex Semi-Gloss W/B	1	Gallon(GAL)	04-Jun-21
V0000085A5	-	Permacryl Int Latex Semi-Gloss W/B	1	Gallon(GAL)	04-Jun-21
0001579818	-	XIM 400W WHITE PRIMER SEALER BONDER	1	Gallon(GAL)	04-Jun-21
0001579820	-	XIM 400W WHITE PRIMER SEALER BONDER	1	Gallon(GAL)	04-Jun-21
0001579824	-	XIM 400W WHITE PRIMER SEALER BONDER	1	Gallon(GAL)	04-Jun-21
0001579827	-	XIM 400W WHITE PRIMER SEALER BONDER	1	Gallon(GAL)	04-Jun-21
0001579826	-	XIM 400W WHITE PRIMER SEALER BONDER	1	Gallon(GAL)	04-Jun-21
0001579825	-	XIM 400W WHITE PRIMER SEALER BONDER	1	Gallon(GAL)	04-Jun-21
0001579823	-	XIM 400W WHITE PRIMER SEALER BONDER	1	Gallon(GAL)	04-Jun-21
0001579821	-	XIM 400W WHITE PRIMER SEALER BONDER	1	Gallon(GAL)	04-Jun-21
0001579819	-	XIM 400W WHITE PRIMER SEALER BONDER	1	Gallon(GAL)	04-Jun-21
0001579822	-	XIM 400W WHITE PRIMER SEALER BONDER	1	Gallon(GAL)	04-Jun-21
0001579828	-	STARTEX PAINT THINNER	1	Gallon(GAL)	04-Jun-21
0001579837	-	STARTEX PAINT THINNER	1	Gallon(GAL)	04-Jun-21
0001579836	-	STARTEX PAINT THINNER	1	Gallon(GAL)	04-Jun-21
0001579829	-	STARTEX PAINT THINNER	1	Gallon(GAL)	04-Jun-21
0001579830	-	STARTEX PAINT THINNER	1	Gallon(GAL)	04-Jun-21
0001579831	-	STARTEX PAINT THINNER	1	Gallon(GAL)	04-Jun-21
0001579832	-	STARTEX PAINT THINNER	1	Gallon(GAL)	04-Jun-21
0001579833	-	STARTEX PAINT THINNER	1	Gallon(GAL)	04-Jun-21
0001579835	-	STARTEX PAINT THINNER	1	Gallon(GAL)	04-Jun-21
0001579844	-	STARTEX PAINT THINNER	1	Gallon(GAL)	04-Jun-21
0001579838	-	STARTEX PAINT THINNER	1	Gallon(GAL)	04-Jun-21
0001579845	-	STARTEX PAINT THINNER	1	Gallon(GAL)	04-Jun-21
0001579843	-	STARTEX PAINT THINNER	1	Gallon(GAL)	04-Jun-21
0001579842	-	STARTEX PAINT THINNER	1	Gallon(GAL)	04-Jun-21
0001579841	-	STARTEX PAINT THINNER	1	Gallon(GAL)	04-Jun-21
0001579840	-	STARTEX PAINT THINNER	1	Gallon(GAL)	04-Jun-21
0001579834	-	STARTEX PAINT THINNER	1	Gallon(GAL)	04-Jun-21
0001579839	-	STARTEX PAINT THINNER	1	Gallon(GAL)	04-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001579846	-	SHEETROCK Brand PLUS 3 Lightweight All Purpose Joint Compound Ready-Mixed	4.5	Gallon(GAL)	04-Jun-21
0001579847	-	SHEETROCK Brand PLUS 3 Lightweight All Purpose Joint Compound Ready-Mixed	4.5	Gallon(GAL)	04-Jun-21
0001579848	-	SHEETROCK Brand PLUS 3 Lightweight All Purpose Joint Compound Ready-Mixed	4.5	Gallon(GAL)	04-Jun-21
0001579849	-	SHEETROCK Brand PLUS 3 Lightweight All Purpose Joint Compound Ready-Mixed	4.5	Gallon(GAL)	04-Jun-21
0001579850	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	04-Jun-21
0001579851	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	04-Jun-21
0001579852	-	Avalon Premium 100% Acrylic Interior Satin UW/B	5	Gallon(GAL)	04-Jun-21
0001579853	-	Zinsser BULLS EYE 1-2-3	5	Gallon(GAL)	04-Jun-21
V0000085B1	-	PSX 700 pearl gray resin	0.75	Gallon(GAL)	04-Jun-21
V0000085A9	-	PSX 700 pearl gray resin	0.75	Gallon(GAL)	04-Jun-21
V0000085A8	-	PSX 700 pearl gray resin	0.75	Gallon(GAL)	04-Jun-21
V0000085AB	-	PSX 700 pearl gray resin	0.75	Gallon(GAL)	04-Jun-21
V0000085AC	-	PSX 700 pearl gray resin	0.75	Gallon(GAL)	04-Jun-21
V0000085AD	-	PSX 700 pearl gray resin	0.75	Gallon(GAL)	04-Jun-21
V0000085AE	-	PSX 700 pearl gray resin	0.75	Gallon(GAL)	04-Jun-21
V0000085AF	-	PSX 700 pearl gray resin	0.75	Gallon(GAL)	04-Jun-21
V0000085B0	-	PSX 700 pearl gray resin	0.75	Gallon(GAL)	04-Jun-21
V0000085A7	-	PSX 700 pearl gray resin	0.75	Gallon(GAL)	04-Jun-21
V0000085AA	-	PSX 700 pearl gray resin	0.75	Gallon(GAL)	04-Jun-21
0001579854	-	PSX 700 CURE	1	Quarts(QT)	04-Jun-21
0001579855	-	PSX 700 CURE	1	Quarts(QT)	04-Jun-21
0001579864	-	PSX 700 CURE	1	Quarts(QT)	04-Jun-21
0001579868	-	PSX 700 CURE	1	Quarts(QT)	04-Jun-21
0001579867	-	PSX 700 CURE	1	Quarts(QT)	04-Jun-21
0001579856	-	PSX 700 CURE	1	Quarts(QT)	04-Jun-21
0001579865	-	PSX 700 CURE	1	Quarts(QT)	04-Jun-21
0001579863	-	PSX 700 CURE	1	Quarts(QT)	04-Jun-21
0001579862	-	PSX 700 CURE	1	Quarts(QT)	04-Jun-21
0001579861	-	PSX 700 CURE	1	Quarts(QT)	04-Jun-21
0001579860	-	PSX 700 CURE	1	Quarts(QT)	04-Jun-21
0001579859	-	PSX 700 CURE	1	Quarts(QT)	04-Jun-21
0001579858	-	PSX 700 CURE	1	Quarts(QT)	04-Jun-21
0001579857	-	PSX 700 CURE	1	Quarts(QT)	04-Jun-21
0001579866	-	PSX 700 CURE	1	Quarts(QT)	04-Jun-21
0001579869	-	STARTEX PAINT THINNER	1	Gallon(GAL)	04-Jun-21
0001579870	-	STARTEX PAINT THINNER	1	Gallon(GAL)	04-Jun-21
0001579875	-	STARTEX PAINT THINNER	1	Gallon(GAL)	04-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001579878	-	STARTEX PAINT THINNER	1	Gallon(GAL)	04-Jun-21
0001579879	-	STARTEX PAINT THINNER	1	Gallon(GAL)	04-Jun-21
0001579877	-	STARTEX PAINT THINNER	1	Gallon(GAL)	04-Jun-21
0001579876	-	STARTEX PAINT THINNER	1	Gallon(GAL)	04-Jun-21
0001579873	-	STARTEX PAINT THINNER	1	Gallon(GAL)	04-Jun-21
0001579872	-	STARTEX PAINT THINNER	1	Gallon(GAL)	04-Jun-21
0001579871	-	STARTEX PAINT THINNER	1	Gallon(GAL)	04-Jun-21
0001579874	-	STARTEX PAINT THINNER	1	Gallon(GAL)	04-Jun-21
001628527	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628569	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628579	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628578	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628577	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628576	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628575	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628574	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628573	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628572	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628570	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628582	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628568	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628567	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628566	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628565	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628564	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628533	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628571	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628595	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628587	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628588	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628589	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628590	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628591	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628592	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628580	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628594	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628581	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628596	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628597	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628598	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628585	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628584	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628583	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628561	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628593	-	Blue Def	1	Gallon(GAL)	04-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001628536	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628562	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628543	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628563	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628541	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628540	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628539	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628545	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628537	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628544	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628535	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628529	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628530	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628531	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628532	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628534	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628586	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628538	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628552	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628560	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628528	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628559	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628558	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628557	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628556	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628555	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628542	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628553	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628546	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628551	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628550	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628549	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628548	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628547	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628554	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628599	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628600	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628601	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001628602	-	Blue Def	1	Gallon(GAL)	04-Jun-21
0001579893	-	ETHYL ALCOHOL ANHYDROUS (ETHANOL) - 200 PROOF	1	Gallon(GAL)	04-Jun-21
0001579921	-	ETHYL ALCOHOL ANHYDROUS (ETHANOL) - 200 PROOF	1	Gallon(GAL)	04-Jun-21
0001579905	-	ETHYL ALCOHOL ANHYDROUS (ETHANOL) - 200 PROOF	1	Gallon(GAL)	04-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001579919	-	ETHYL ALCOHOL ANHYDROUS (ETHANOL) - 200 PROOF	1	Gallon(GAL)	04-Jun-21
0001579918	-	ETHYL ALCOHOL ANHYDROUS (ETHANOL) - 200 PROOF	1	Gallon(GAL)	04-Jun-21
0001579917	-	ETHYL ALCOHOL ANHYDROUS (ETHANOL) - 200 PROOF	1	Gallon(GAL)	04-Jun-21
0001579916	-	ETHYL ALCOHOL ANHYDROUS (ETHANOL) - 200 PROOF	1	Gallon(GAL)	04-Jun-21
0001579915	-	ETHYL ALCOHOL ANHYDROUS (ETHANOL) - 200 PROOF	1	Gallon(GAL)	04-Jun-21
0001579914	-	ETHYL ALCOHOL ANHYDROUS (ETHANOL) - 200 PROOF	1	Gallon(GAL)	04-Jun-21
0001579912	-	ETHYL ALCOHOL ANHYDROUS (ETHANOL) - 200 PROOF	1	Gallon(GAL)	04-Jun-21
0001579923	-	ETHYL ALCOHOL ANHYDROUS (ETHANOL) - 200 PROOF	1	Gallon(GAL)	04-Jun-21
0001579910	-	ETHYL ALCOHOL ANHYDROUS (ETHANOL) - 200 PROOF	1	Gallon(GAL)	04-Jun-21
0001579909	-	ETHYL ALCOHOL ANHYDROUS (ETHANOL) - 200 PROOF	1	Gallon(GAL)	04-Jun-21
0001579908	-	ETHYL ALCOHOL ANHYDROUS (ETHANOL) - 200 PROOF	1	Gallon(GAL)	04-Jun-21
0001579920	-	ETHYL ALCOHOL ANHYDROUS (ETHANOL) - 200 PROOF	1	Gallon(GAL)	04-Jun-21
0001579906	-	ETHYL ALCOHOL ANHYDROUS (ETHANOL) - 200 PROOF	1	Gallon(GAL)	04-Jun-21
0001579913	-	ETHYL ALCOHOL ANHYDROUS (ETHANOL) - 200 PROOF	1	Gallon(GAL)	04-Jun-21
0001579904	-	ETHYL ALCOHOL ANHYDROUS (ETHANOL) - 200 PROOF	1	Gallon(GAL)	04-Jun-21
0001579903	-	ETHYL ALCOHOL ANHYDROUS (ETHANOL) - 200 PROOF	1	Gallon(GAL)	04-Jun-21
0001579902	-	ETHYL ALCOHOL ANHYDROUS (ETHANOL) - 200 PROOF	1	Gallon(GAL)	04-Jun-21
0001579901	-	ETHYL ALCOHOL ANHYDROUS (ETHANOL) - 200 PROOF	1	Gallon(GAL)	04-Jun-21
0001579900	-	ETHYL ALCOHOL ANHYDROUS (ETHANOL) - 200 PROOF	1	Gallon(GAL)	04-Jun-21
0001579899	-	ETHYL ALCOHOL ANHYDROUS (ETHANOL) - 200 PROOF	1	Gallon(GAL)	04-Jun-21
0001579898	-	ETHYL ALCOHOL ANHYDROUS (ETHANOL) - 200 PROOF	1	Gallon(GAL)	04-Jun-21
0001579897	-	ETHYL ALCOHOL ANHYDROUS (ETHANOL) - 200 PROOF	1	Gallon(GAL)	04-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001579896	-	ETHYL ALCOHOL ANHYDROUS (ETHANOL) - 200 PROOF	1	Gallon(GAL)	04-Jun-21
0001579895	-	ETHYL ALCOHOL ANHYDROUS (ETHANOL) - 200 PROOF	1	Gallon(GAL)	04-Jun-21
0001579894	-	ETHYL ALCOHOL ANHYDROUS (ETHANOL) - 200 PROOF	1	Gallon(GAL)	04-Jun-21
0001579907	-	ETHYL ALCOHOL ANHYDROUS (ETHANOL) - 200 PROOF	1	Gallon(GAL)	04-Jun-21
0001579911	-	ETHYL ALCOHOL ANHYDROUS (ETHANOL) - 200 PROOF	1	Gallon(GAL)	04-Jun-21
0001579924	-	ETHYL ALCOHOL ANHYDROUS (ETHANOL) - 200 PROOF	1	Gallon(GAL)	04-Jun-21
0001579925	-	ETHYL ALCOHOL ANHYDROUS (ETHANOL) - 200 PROOF	1	Gallon(GAL)	04-Jun-21
0001579926	-	ETHYL ALCOHOL ANHYDROUS (ETHANOL) - 200 PROOF	1	Gallon(GAL)	04-Jun-21
0001579922	-	ETHYL ALCOHOL ANHYDROUS (ETHANOL) - 200 PROOF	1	Gallon(GAL)	04-Jun-21
0001630471	-	ETHYL ALCOHOL ANHYDROUS (ETHANOL) - 200 PROOF	1	Gallon(GAL)	04-Jun-21
0001630477	-	ETHYL ALCOHOL ANHYDROUS (ETHANOL) - 200 PROOF	1	Gallon(GAL)	04-Jun-21
0001630480	-	ETHYL ALCOHOL ANHYDROUS (ETHANOL) - 200 PROOF	1	Gallon(GAL)	04-Jun-21
0001630473	-	ETHYL ALCOHOL ANHYDROUS (ETHANOL) - 200 PROOF	1	Gallon(GAL)	04-Jun-21
0001630474	-	ETHYL ALCOHOL ANHYDROUS (ETHANOL) - 200 PROOF	1	Gallon(GAL)	04-Jun-21
0001630475	-	ETHYL ALCOHOL ANHYDROUS (ETHANOL) - 200 PROOF	1	Gallon(GAL)	04-Jun-21
0001630476	-	ETHYL ALCOHOL ANHYDROUS (ETHANOL) - 200 PROOF	1	Gallon(GAL)	04-Jun-21
0001630478	-	ETHYL ALCOHOL ANHYDROUS (ETHANOL) - 200 PROOF	1	Gallon(GAL)	04-Jun-21
0001630479	-	ETHYL ALCOHOL ANHYDROUS (ETHANOL) - 200 PROOF	1	Gallon(GAL)	04-Jun-21
0001630472	-	ETHYL ALCOHOL ANHYDROUS (ETHANOL) - 200 PROOF	1	Gallon(GAL)	04-Jun-21
0001630481	-	FLOOR CLEANER	1	Gallon(GAL)	04-Jun-21
0001630488	-	FLOOR CLEANER	1	Gallon(GAL)	04-Jun-21
0001630486	-	FLOOR CLEANER	1	Gallon(GAL)	04-Jun-21
0001630482	-	FLOOR CLEANER	1	Gallon(GAL)	04-Jun-21
0001630483	-	FLOOR CLEANER	1	Gallon(GAL)	04-Jun-21
0001630484	-	FLOOR CLEANER	1	Gallon(GAL)	04-Jun-21
0001630485	-	FLOOR CLEANER	1	Gallon(GAL)	04-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001630487	-	FLOOR CLEANER	1	Gallon(GAL)	04-Jun-21
0001630497	-	MOBIL SHC GEAR 460	5	Gallon(GAL)	04-Jun-21
0001630498	-	SOLVENT CEMENT FOR PVC	32	Ounces(OZ)	07-Jun-21
0001630500	-	SOLVENT CEMENT FOR PVC	32	Ounces(OZ)	07-Jun-21
0001630503	-	SOLVENT CEMENT FOR PVC	32	Ounces(OZ)	07-Jun-21
0001630502	-	SOLVENT CEMENT FOR PVC	32	Ounces(OZ)	07-Jun-21
0001630501	-	SOLVENT CEMENT FOR PVC	32	Ounces(OZ)	07-Jun-21
0001630499	-	SOLVENT CEMENT FOR PVC	32	Ounces(OZ)	07-Jun-21
0001630505	-	SOLVENT CEMENT FOR PVC	32	Ounces(OZ)	07-Jun-21
0001630506	-	SOLVENT CEMENT FOR PVC	32	Ounces(OZ)	07-Jun-21
0001630507	-	SOLVENT CEMENT FOR PVC	32	Ounces(OZ)	07-Jun-21
0001630504	-	SOLVENT CEMENT FOR PVC	32	Ounces(OZ)	07-Jun-21
0001646944	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	07-Jun-21
0001646943	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	07-Jun-21
0001646936	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	07-Jun-21
0001646950	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	07-Jun-21
0001646946	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	07-Jun-21
0001646947	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	07-Jun-21
0001646948	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	07-Jun-21
0001646949	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	07-Jun-21
0001646945	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	07-Jun-21
0001646941	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	07-Jun-21
0001646940	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	07-Jun-21
0001646939	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	07-Jun-21
0001646938	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	07-Jun-21
0001646937	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	07-Jun-21
0001646942	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	07-Jun-21
0001423426	-	DUCT SEALER	5	Pounds(LB)	07-Jun-21
0001423427	-	DUCT SEALER	5	Pounds(LB)	07-Jun-21
0001459855	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	08-Jun-21
0001459868	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	08-Jun-21
0001459869	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	08-Jun-21
0001459881	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	08-Jun-21
0001459880	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	08-Jun-21
0001459879	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	08-Jun-21
0001459878	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	08-Jun-21
0001459877	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	08-Jun-21
0001459876	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	08-Jun-21
0001459875	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	08-Jun-21
0001459874	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	08-Jun-21
0001459873	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	08-Jun-21
0001459872	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	08-Jun-21
0001459856	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	08-Jun-21
0001459870	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	08-Jun-21
0001459884	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	08-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001459867	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	08-Jun-21
0001459865	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	08-Jun-21
0001459864	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	08-Jun-21
0001459863	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	08-Jun-21
0001459862	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	08-Jun-21
0001459861	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	08-Jun-21
0001459860	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	08-Jun-21
0001459859	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	08-Jun-21
0001459858	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	08-Jun-21
0001459857	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	08-Jun-21
0001459871	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	08-Jun-21
0001459891	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	08-Jun-21
0001459882	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	08-Jun-21
0001459883	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	08-Jun-21
0001459894	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	08-Jun-21
0001459892	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	08-Jun-21
0001459890	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	08-Jun-21
0001459889	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	08-Jun-21
0001459888	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	08-Jun-21
0001459887	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	08-Jun-21
0001459886	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	08-Jun-21
0001459885	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	08-Jun-21
0001459866	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	08-Jun-21
0001459893	-	BENDIX HGH-18 CURING AGENT	40	Ounces(OZ)	08-Jun-21
0001679854	7440-59-7	HELIUM REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	Liters(L)	08-Jun-21
0001702135	16733-97-4	LITHIUM CYCLOPENTADIENIDE	25	Gram(GM)	08-Jun-21
0001702136	16733-97-4	LITHIUM CYCLOPENTADIENIDE	25	Gram(GM)	08-Jun-21
0001702137	13813-22-4	LANTHANUM IODIDE	5	Gram(GM)	08-Jun-21
0001702138	13813-22-4	LANTHANUM IODIDE	5	Gram(GM)	08-Jun-21
0001702209	-	SODIUM PHOSPHATE MONOBASIC MONOHYDRATE	500	Gram(GM)	08-Jun-21
0001702214	7447-41-8	LITHIUM CHLORIDE	500	Gram(GM)	08-Jun-21
0001702216	10028-22-5	FERRIC SULFATE MONOHYDRATE	55	Gallon(GAL)	08-Jun-21
0001702217	10028-22-5	FERRIC SULFATE MONOHYDRATE	55	Gallon(GAL)	08-Jun-21
0001702139	-	ACETONE ACS	4	Liters(L)	08-Jun-21
0001702140	67-64-1	ACETONE	4	Liters(L)	08-Jun-21
0001702142	67-64-1	ACETONE	4	Liters(L)	08-Jun-21
0001702141	67-64-1	ACETONE	4	Liters(L)	08-Jun-21
0001702143	7697-37-2	Nitric acid 67-69% Optima for Ultra traces analysis	2	Liters(L)	08-Jun-21
0001702150	7697-37-2	Nitric acid 67-69% Optima for Ultra traces analysis	2	Liters(L)	08-Jun-21
0001702145	7697-37-2	Nitric acid 67-69% Optima for Ultra traces analysis	2	Liters(L)	08-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001702149	7697-37-2	Nitric acid 67-69% Optima for Ultra traces analysis	2	Liters(L)	08-Jun-21
0001702148	7697-37-2	Nitric acid 67-69% Optima for Ultra traces analysis	2	Liters(L)	08-Jun-21
0001702146	7697-37-2	Nitric acid 67-69% Optima for Ultra traces analysis	2	Liters(L)	08-Jun-21
0001702151	7697-37-2	Nitric acid 67-69% Optima for Ultra traces analysis	2	Liters(L)	08-Jun-21
0001702144	7697-37-2	Nitric acid 67-69% Optima for Ultra traces analysis	2	Liters(L)	08-Jun-21
0001702147	7697-37-2	Nitric acid 67-69% Optima for Ultra traces analysis	2	Liters(L)	08-Jun-21
0001630508	-	GENERAL POLYMERS 3561 Epoxy Resin Glaze (Part A) Clear	4	Gallon(GAL)	09-Jun-21
0001630515	-	GENERAL POLYMERS 3561 Epoxy Resin Glaze (Part A) Clear	4	Gallon(GAL)	09-Jun-21
0001630520	-	GENERAL POLYMERS 3561 Epoxy Resin Glaze (Part A) Clear	4	Gallon(GAL)	09-Jun-21
0001630518	-	GENERAL POLYMERS 3561 Epoxy Resin Glaze (Part A) Clear	4	Gallon(GAL)	09-Jun-21
0001630517	-	GENERAL POLYMERS 3561 Epoxy Resin Glaze (Part A) Clear	4	Gallon(GAL)	09-Jun-21
0001630516	-	GENERAL POLYMERS 3561 Epoxy Resin Glaze (Part A) Clear	4	Gallon(GAL)	09-Jun-21
0001630514	-	GENERAL POLYMERS 3561 Epoxy Resin Glaze (Part A) Clear	4	Gallon(GAL)	09-Jun-21
0001630513	-	GENERAL POLYMERS 3561 Epoxy Resin Glaze (Part A) Clear	4	Gallon(GAL)	09-Jun-21
0001630512	-	GENERAL POLYMERS 3561 Epoxy Resin Glaze (Part A) Clear	4	Gallon(GAL)	09-Jun-21
0001630511	-	GENERAL POLYMERS 3561 Epoxy Resin Glaze (Part A) Clear	4	Gallon(GAL)	09-Jun-21
0001630509	-	GENERAL POLYMERS 3561 Epoxy Resin Glaze (Part A) Clear	4	Gallon(GAL)	09-Jun-21
0001630519	-	GENERAL POLYMERS 3561 Epoxy Resin Glaze (Part A) Clear	4	Gallon(GAL)	09-Jun-21
0001630510	-	GENERAL POLYMERS 3561 Epoxy Resin Glaze (Part A) Clear	4	Gallon(GAL)	09-Jun-21
0001630521	-	GENERAL POLYMERS 3561 Epoxy Resin Glaze (Part A) Clear	4	Gallon(GAL)	09-Jun-21
0001630522	-	GENERAL POLYMERS 3561 Epoxy Resin Glaze (Part B) Standard Hardener	1	Gallon(GAL)	09-Jun-21
0001630526	-	GENERAL POLYMERS 3561 Epoxy Resin Glaze (Part B) Standard Hardener	1	Gallon(GAL)	09-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001630529	-	GENERAL POLYMERS 3561 Epoxy Resin Glaze (Part B) Standard Hardener	1	Gallon(GAL)	09-Jun-21
0001630527	-	GENERAL POLYMERS 3561 Epoxy Resin Glaze (Part B) Standard Hardener	1	Gallon(GAL)	09-Jun-21
0001630525	-	GENERAL POLYMERS 3561 Epoxy Resin Glaze (Part B) Standard Hardener	1	Gallon(GAL)	09-Jun-21
0001630524	-	GENERAL POLYMERS 3561 Epoxy Resin Glaze (Part B) Standard Hardener	1	Gallon(GAL)	09-Jun-21
0001630523	-	GENERAL POLYMERS 3561 Epoxy Resin Glaze (Part B) Standard Hardener	1	Gallon(GAL)	09-Jun-21
0001630528	-	GENERAL POLYMERS 3561 Epoxy Resin Glaze (Part B) Standard Hardener	1	Gallon(GAL)	09-Jun-21
0001630530	-	GENERAL POLYMERS 3561 Epoxy Resin Glaze (Part B) Standard Hardener	1	Gallon(GAL)	09-Jun-21
0001630533	-	GENERAL POLYMERS 3561 Epoxy Resin Glaze (Part B) Standard Hardener	1	Gallon(GAL)	09-Jun-21
0001630532	-	GENERAL POLYMERS 3561 Epoxy Resin Glaze (Part B) Standard Hardener	1	Gallon(GAL)	09-Jun-21
0001630531	-	GENERAL POLYMERS 3561 Epoxy Resin Glaze (Part B) Standard Hardener	1	Gallon(GAL)	09-Jun-21
0001602347	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Gallon(GAL)	09-Jun-21
0001602349	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Gallon(GAL)	09-Jun-21
0001602350	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Gallon(GAL)	09-Jun-21
0001602348	-	Ethyl Alcohol 200 Proof Absolute ACS/USP Grade	1	Gallon(GAL)	09-Jun-21
0001702159	142-29-0	CYCLOPENTENE	500	Milliliter(ML)	09-Jun-21
0001702161	142-29-0	CYCLOPENTENE	500	Milliliter(ML)	09-Jun-21
0001702160	142-29-0	CYCLOPENTENE	500	Milliliter(ML)	09-Jun-21
0001702162	142-29-0	CYCLOPENTENE	500	Milliliter(ML)	09-Jun-21
0001040663	-	2711 Montana Soil	50	Gram(GM)	09-Jun-21
0001040664	-	2711 Montana Soil	50	Gram(GM)	09-Jun-21
0001040665	-	BUFFALO RIVER SEDIMENT	50	Gram(GM)	09-Jun-21
0001040666	-	BUFFALO RIVER SEDIMENT	50	Gram(GM)	09-Jun-21
0001040667	-	HOLMIUM OXIDE 99.9%	4	Milliliter(ML)	09-Jun-21
0001040668	-	HOLMIUM OXIDE 99.9%	4	Milliliter(ML)	09-Jun-21
0001040669	-	2710 Montana Soil Standard	50	Gram(GM)	09-Jun-21
0001040670	-	2710 Montana Soil Standard	50	Gram(GM)	09-Jun-21
0001040671	-	San Joaquin Soil 2709	50	Gram(GM)	09-Jun-21
0001040672	-	San Joaquin Soil 2709	50	Gram(GM)	09-Jun-21
0001040660	-	HI TECH GLASS TREATMENT RAINX	473	Milliliter(ML)	09-Jun-21
0001040662	-	RUBBER CEMENT	59	Milliliter(ML)	09-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001040661	-	TRI-FLOW INDUSTRIAL LUBRICANT WITH TEFLON	113	Gram(GM)	09-Jun-21
0001418898	-	MICROSET 101 FLUID REPLICATING COMPOUNDS	50	Milliliter(ML)	09-Jun-21
0001418899	-	MICROSET 101 FLUID REPLICATING COMPOUNDS	50	Milliliter(ML)	09-Jun-21
0001418894	-	MICROSET 101 FLUID REPLICATING COMPOUNDS	50	Milliliter(ML)	09-Jun-21
0001418895	-	MICROSET 101 FLUID REPLICATING COMPOUNDS	50	Milliliter(ML)	09-Jun-21
0001418896	-	MICROSET 101 FLUID REPLICATING COMPOUNDS	50	Milliliter(ML)	09-Jun-21
0001418897	-	MICROSET 101 FLUID REPLICATING COMPOUNDS	50	Milliliter(ML)	09-Jun-21
0001418893	-	MICROSET 101 FLUID REPLICATING COMPOUNDS	50	Milliliter(ML)	09-Jun-21
0001702222	-	NITRIC ACID TRACE METAL	500	Milliliter(ML)	09-Jun-21
0001702223	-	NITRIC ACID TRACE METAL	500	Milliliter(ML)	09-Jun-21
0001702224	10026-11-6	ZIRCONIUM(IV) CHLORIDE	10	Gram(GM)	09-Jun-21
0001702225	52093-29-5	Gadolinium(III) trifluoromethanesulfonate	5	Gram(GM)	09-Jun-21
0001702226	95-50-1	1 2-DICHLOROBENZENE	100	Milliliter(ML)	09-Jun-21
0001702227	95-50-1	1 2-DICHLOROBENZENE	100	Milliliter(ML)	09-Jun-21
0001702228	865-49-6	CHLOROFORM-D	100	Gram(GM)	09-Jun-21
0001702229	7722-84-1	HYDROGEN PEROXIDE 30%	1	Liters(L)	09-Jun-21
0001702230	64-17-5	ETHYL ALCOHOL	4	Liters(L)	09-Jun-21
0001702231	121-44-8	TRIETHYLAMINE	250	Milliliter(ML)	09-Jun-21
0001702232	7704-98-5	TITANIUM HYDRIDE	5	Gram(GM)	09-Jun-21
0001702233	7704-99-6	ZIRCONIUM HYDRIDE	50	Gram(GM)	09-Jun-21
0001702164	2037-26-5	TOLUENE-D8	25	Gram(GM)	09-Jun-21
0001702165	2037-26-5	TOLUENE-D8	25	Gram(GM)	09-Jun-21
0001646951	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001646974	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001646972	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001646971	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001646970	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001646969	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001646965	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001646967	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001646966	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001646968	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001646963	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001646959	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001646962	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001646961	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001646976	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001646975	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001646952	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001646953	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001646954	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001646955	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001646956	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001646960	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001646957	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001646958	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001646964	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001647004	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001646996	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001646997	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001646998	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001646999	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001647000	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001647001	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001646994	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001647003	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001646993	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001647005	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001647006	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001647007	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001646977	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001647008	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001646973	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001647009	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001647002	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001646985	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001646978	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001646988	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001646979	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001646989	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001646980	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001646981	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001646982	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001646995	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001646984	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001646986	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001646987	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001646990	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001647010	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001646991	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001646992	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21
0001646983	-	Super White Multi-Purpose Lithium Grease	14	Ounces(OZ)	09-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001647011	-	Food Grade Chain Lube	12	Ounces(OZ)	09-Jun-21
0001647030	-	Food Grade Chain Lube	12	Ounces(OZ)	09-Jun-21
0001647036	-	Food Grade Chain Lube	12	Ounces(OZ)	09-Jun-21
0001647020	-	Food Grade Chain Lube	12	Ounces(OZ)	09-Jun-21
0001647012	-	Food Grade Chain Lube	12	Ounces(OZ)	09-Jun-21
0001647013	-	Food Grade Chain Lube	12	Ounces(OZ)	09-Jun-21
0001647014	-	Food Grade Chain Lube	12	Ounces(OZ)	09-Jun-21
0001647015	-	Food Grade Chain Lube	12	Ounces(OZ)	09-Jun-21
0001647016	-	Food Grade Chain Lube	12	Ounces(OZ)	09-Jun-21
0001647017	-	Food Grade Chain Lube	12	Ounces(OZ)	09-Jun-21
0001647032	-	Food Grade Chain Lube	12	Ounces(OZ)	09-Jun-21
0001647019	-	Food Grade Chain Lube	12	Ounces(OZ)	09-Jun-21
0001647035	-	Food Grade Chain Lube	12	Ounces(OZ)	09-Jun-21
0001647021	-	Food Grade Chain Lube	12	Ounces(OZ)	09-Jun-21
0001647022	-	Food Grade Chain Lube	12	Ounces(OZ)	09-Jun-21
0001647033	-	Food Grade Chain Lube	12	Ounces(OZ)	09-Jun-21
0001647018	-	Food Grade Chain Lube	12	Ounces(OZ)	09-Jun-21
0001647034	-	Food Grade Chain Lube	12	Ounces(OZ)	09-Jun-21
0001647023	-	Food Grade Chain Lube	12	Ounces(OZ)	09-Jun-21
0001647031	-	Food Grade Chain Lube	12	Ounces(OZ)	09-Jun-21
0001647029	-	Food Grade Chain Lube	12	Ounces(OZ)	09-Jun-21
0001647028	-	Food Grade Chain Lube	12	Ounces(OZ)	09-Jun-21
0001647027	-	Food Grade Chain Lube	12	Ounces(OZ)	09-Jun-21
0001647026	-	Food Grade Chain Lube	12	Ounces(OZ)	09-Jun-21
0001647025	-	Food Grade Chain Lube	12	Ounces(OZ)	09-Jun-21
0001647024	-	Food Grade Chain Lube	12	Ounces(OZ)	09-Jun-21
0001647037	-	Brakleen Brake Parts Cleaner	14	Ounces(OZ)	09-Jun-21
0001647066	-	Brakleen Brake Parts Cleaner	14	Ounces(OZ)	09-Jun-21
0001647058	-	Brakleen Brake Parts Cleaner	14	Ounces(OZ)	09-Jun-21
0001647071	-	Brakleen Brake Parts Cleaner	14	Ounces(OZ)	09-Jun-21
0001647070	-	Brakleen Brake Parts Cleaner	14	Ounces(OZ)	09-Jun-21
0001647069	-	Brakleen Brake Parts Cleaner	14	Ounces(OZ)	09-Jun-21
0001647068	-	Brakleen Brake Parts Cleaner	14	Ounces(OZ)	09-Jun-21
0001647067	-	Brakleen Brake Parts Cleaner	14	Ounces(OZ)	09-Jun-21
0001647046	-	Brakleen Brake Parts Cleaner	14	Ounces(OZ)	09-Jun-21
0001647057	-	Brakleen Brake Parts Cleaner	14	Ounces(OZ)	09-Jun-21
0001647056	-	Brakleen Brake Parts Cleaner	14	Ounces(OZ)	09-Jun-21
0001647055	-	Brakleen Brake Parts Cleaner	14	Ounces(OZ)	09-Jun-21
0001647054	-	Brakleen Brake Parts Cleaner	14	Ounces(OZ)	09-Jun-21
0001647053	-	Brakleen Brake Parts Cleaner	14	Ounces(OZ)	09-Jun-21
0001647052	-	Brakleen Brake Parts Cleaner	14	Ounces(OZ)	09-Jun-21
0001647051	-	Brakleen Brake Parts Cleaner	14	Ounces(OZ)	09-Jun-21
0001647050	-	Brakleen Brake Parts Cleaner	14	Ounces(OZ)	09-Jun-21
0001647049	-	Brakleen Brake Parts Cleaner	14	Ounces(OZ)	09-Jun-21
0001647059	-	Brakleen Brake Parts Cleaner	14	Ounces(OZ)	09-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001647047	-	Brakleen Brake Parts Cleaner	14	Ounces(OZ)	09-Jun-21
0001647039	-	Brakleen Brake Parts Cleaner	14	Ounces(OZ)	09-Jun-21
0001647045	-	Brakleen Brake Parts Cleaner	14	Ounces(OZ)	09-Jun-21
0001647044	-	Brakleen Brake Parts Cleaner	14	Ounces(OZ)	09-Jun-21
0001647043	-	Brakleen Brake Parts Cleaner	14	Ounces(OZ)	09-Jun-21
0001647042	-	Brakleen Brake Parts Cleaner	14	Ounces(OZ)	09-Jun-21
0001647041	-	Brakleen Brake Parts Cleaner	14	Ounces(OZ)	09-Jun-21
0001647040	-	Brakleen Brake Parts Cleaner	14	Ounces(OZ)	09-Jun-21
0001647065	-	Brakleen Brake Parts Cleaner	14	Ounces(OZ)	09-Jun-21
0001647038	-	Brakleen Brake Parts Cleaner	14	Ounces(OZ)	09-Jun-21
0001647060	-	Brakleen Brake Parts Cleaner	14	Ounces(OZ)	09-Jun-21
0001647048	-	Brakleen Brake Parts Cleaner	14	Ounces(OZ)	09-Jun-21
0001647064	-	Brakleen Brake Parts Cleaner	14	Ounces(OZ)	09-Jun-21
0001647063	-	Brakleen Brake Parts Cleaner	14	Ounces(OZ)	09-Jun-21
0001647062	-	Brakleen Brake Parts Cleaner	14	Ounces(OZ)	09-Jun-21
0001647061	-	Brakleen Brake Parts Cleaner	14	Ounces(OZ)	09-Jun-21
0001647072	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647089	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647113	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647133	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647134	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647135	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647136	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647137	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647138	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647131	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647109	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647130	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647110	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647111	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647118	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647139	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647105	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647119	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647120	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647121	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647122	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647123	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647124	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647108	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647132	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647106	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647114	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647104	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647103	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001647102	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647125	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647126	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647127	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647128	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647129	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647107	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647099	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647112	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647083	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647084	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647085	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647086	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647087	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647116	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647088	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647081	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647100	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647080	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647098	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647097	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647096	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647095	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647094	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647093	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647092	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647091	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647090	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647101	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647079	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647078	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647077	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647076	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647075	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647117	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647115	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647073	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647082	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001647074	-	KANO LABS AEROKROIL	13	Ounces(OZ)	09-Jun-21
0001702234	9003-11-6	PLURONIC F127	1	Milliliter(ML)	09-Jun-21
0001702235	75-09-2	DICHLOROMETHANE	4	Liters(L)	09-Jun-21
0001702238	75-09-2	DICHLOROMETHANE	4	Liters(L)	09-Jun-21
0001702236	75-09-2	DICHLOROMETHANE	4	Liters(L)	09-Jun-21
0001702237	75-09-2	DICHLOROMETHANE	4	Liters(L)	09-Jun-21
0001702240	778-25-6	PLY-7602 DIPHENYLMETHYLSILANOL	1	Pint(PT)	09-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001702242	00682-01-9	TETRA-N-PROPYL-SILICATE	1	Pint(PT)	09-Jun-21
0001459659	-	POLYAMIDE RESIN (#140)	1	Pint(PT)	10-Jun-21
0001456840	-	ANTIFREEZE	1	Gallon(GAL)	10-Jun-21
0001456846	-	ANTIFREEZE	1	Gallon(GAL)	10-Jun-21
0001456842	-	ANTIFREEZE	1	Gallon(GAL)	10-Jun-21
0001456841	-	ANTIFREEZE	1	Gallon(GAL)	10-Jun-21
0001456843	-	ANTIFREEZE	1	Gallon(GAL)	10-Jun-21
0001456845	-	ANTIFREEZE	1	Gallon(GAL)	10-Jun-21
0001456844	-	ANTIFREEZE	1	Gallon(GAL)	10-Jun-21
0001456849	-	ANTIFREEZE	1	Gallon(GAL)	10-Jun-21
0001456850	-	ANTIFREEZE	1	Gallon(GAL)	10-Jun-21
0001456851	-	ANTIFREEZE	1	Gallon(GAL)	10-Jun-21
0001702168	13598-65-7	Ammonium perrhenate 99+%	25	Gram(GM)	10-Jun-21
0001702169	13598-65-7	Ammonium perrhenate 99+%	25	Gram(GM)	10-Jun-21
0001702170	13598-65-7	Ammonium perrhenate 99+%	25	Gram(GM)	10-Jun-21
0001679855	7440-59-7	HELIUM GAS	0.5	Kilograms(KG)	10-Jun-21
0001679856	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679893	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679880	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679881	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679882	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679883	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679884	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679886	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679888	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679889	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679890	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679879	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679892	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679885	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679894	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679895	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679896	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679897	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679898	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679899	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679900	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679891	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679859	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679887	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679858	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679878	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679860	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679861	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679862	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001679863	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679864	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679865	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679866	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679876	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679857	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679867	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679877	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679875	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679874	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679873	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679872	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679871	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679870	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679869	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679868	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679966	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679973	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679979	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679978	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679977	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679976	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679975	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679974	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679980	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679972	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679971	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679981	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679969	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679967	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679965	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679964	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679963	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679968	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001679970	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	10-Jun-21
0001702171	2037-26-5	TOLUENE 99.6% ATOM	25	Gram(GM)	10-Jun-21
0001679901	-	ARGON GAS	220	Cubic Feet(CF)	10-Jun-21
0001702175	2037-26-5	TOLUENE 99.6% ATOM	25	Gram(GM)	10-Jun-21
0001702174	2037-26-5	TOLUENE 99.6% ATOM	25	Gram(GM)	10-Jun-21
0001702173	2037-26-5	TOLUENE 99.6% ATOM	25	Gram(GM)	10-Jun-21
0001702172	2037-26-5	TOLUENE 99.6% ATOM	25	Gram(GM)	10-Jun-21
0001679926	-	ARGON GAS	220	Cubic Feet(CF)	10-Jun-21
0001679916	-	ARGON GAS	220	Cubic Feet(CF)	10-Jun-21
0001679917	-	ARGON GAS	220	Cubic Feet(CF)	10-Jun-21
0001679918	-	ARGON GAS	220	Cubic Feet(CF)	10-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001679919	-	ARGON GAS	220	Cubic Feet(CF)	10-Jun-21
0001679920	-	ARGON GAS	220	Cubic Feet(CF)	10-Jun-21
0001679921	-	ARGON GAS	220	Cubic Feet(CF)	10-Jun-21
0001679922	-	ARGON GAS	220	Cubic Feet(CF)	10-Jun-21
0001679923	-	ARGON GAS	220	Cubic Feet(CF)	10-Jun-21
0001679915	-	ARGON GAS	220	Cubic Feet(CF)	10-Jun-21
0001679925	-	ARGON GAS	220	Cubic Feet(CF)	10-Jun-21
0001679910	-	ARGON GAS	220	Cubic Feet(CF)	10-Jun-21
0001679928	-	ARGON GAS	220	Cubic Feet(CF)	10-Jun-21
0001679924	-	ARGON GAS	220	Cubic Feet(CF)	10-Jun-21
0001679914	-	ARGON GAS	220	Cubic Feet(CF)	10-Jun-21
0001679913	-	ARGON GAS	220	Cubic Feet(CF)	10-Jun-21
0001679930	-	ARGON GAS	220	Cubic Feet(CF)	10-Jun-21
0001679911	-	ARGON GAS	220	Cubic Feet(CF)	10-Jun-21
0001679929	-	ARGON GAS	220	Cubic Feet(CF)	10-Jun-21
0001679909	-	ARGON GAS	220	Cubic Feet(CF)	10-Jun-21
0001679908	-	ARGON GAS	220	Cubic Feet(CF)	10-Jun-21
0001679907	-	ARGON GAS	220	Cubic Feet(CF)	10-Jun-21
0001679906	-	ARGON GAS	220	Cubic Feet(CF)	10-Jun-21
0001679905	-	ARGON GAS	220	Cubic Feet(CF)	10-Jun-21
0001679904	-	ARGON GAS	220	Cubic Feet(CF)	10-Jun-21
0001679903	-	ARGON GAS	220	Cubic Feet(CF)	10-Jun-21
0001679902	-	ARGON GAS	220	Cubic Feet(CF)	10-Jun-21
0001679912	-	ARGON GAS	220	Cubic Feet(CF)	10-Jun-21
0001679927	-	ARGON GAS	220	Cubic Feet(CF)	10-Jun-21
0001679931	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	10-Jun-21
0001679941	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	10-Jun-21
0001679954	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	10-Jun-21
0001679953	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	10-Jun-21
0001679952	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	10-Jun-21
0001679951	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	10-Jun-21
0001679950	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	10-Jun-21
0001679948	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	10-Jun-21
0001679946	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	10-Jun-21
0001679945	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	10-Jun-21
0001679944	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	10-Jun-21
0001679955	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	10-Jun-21
0001679942	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	10-Jun-21
0001679949	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	10-Jun-21
0001679940	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	10-Jun-21
0001679939	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	10-Jun-21
0001679938	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	10-Jun-21
0001679937	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	10-Jun-21
0001679936	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	10-Jun-21
0001679935	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	10-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001679934	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	10-Jun-21
0001679933	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	10-Jun-21
0001679932	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	10-Jun-21
0001679943	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	10-Jun-21
0001679957	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	10-Jun-21
0001679958	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	10-Jun-21
0001679959	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	10-Jun-21
0001679960	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	10-Jun-21
0001679961	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	10-Jun-21
0001679962	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	10-Jun-21
0001679947	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	10-Jun-21
0001679956	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	10-Jun-21
0001679988	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	10-Jun-21
0001679994	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	10-Jun-21
0001679982	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	10-Jun-21
0001679993	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	10-Jun-21
0001679983	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	10-Jun-21
0001679984	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	10-Jun-21
0001679985	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	10-Jun-21
0001679987	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	10-Jun-21
0001679989	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	10-Jun-21
0001679990	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	10-Jun-21
0001679992	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	10-Jun-21
0001679991	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	10-Jun-21
0001679986	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	10-Jun-21
0001679995	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	10-Jun-21
0001680013	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	10-Jun-21
0001680007	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	10-Jun-21
0001680012	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	10-Jun-21
0001680011	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	10-Jun-21
0001680010	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	10-Jun-21
0001680008	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	10-Jun-21
0001680006	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	10-Jun-21
0001680005	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	10-Jun-21
0001680004	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	10-Jun-21
0001680003	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	10-Jun-21
0001680002	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	10-Jun-21
0001680001	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	10-Jun-21
0001679999	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	10-Jun-21
0001679997	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	10-Jun-21
0001679996	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	10-Jun-21
0001679998	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	10-Jun-21
0001680009	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	10-Jun-21
0001680000	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	10-Jun-21
0001680042	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	10-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001680055	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	10-Jun-21
0001680054	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	10-Jun-21
0001680053	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	10-Jun-21
0001680052	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	10-Jun-21
0001680051	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	10-Jun-21
0001680050	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	10-Jun-21
0001680049	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	10-Jun-21
0001680048	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	10-Jun-21
0001680047	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	10-Jun-21
0001680046	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	10-Jun-21
0001680045	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	10-Jun-21
0001680043	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	10-Jun-21
0001680056	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	10-Jun-21
0001680044	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	10-Jun-21
0001702176	33838-52-7	Heptane-d16	1	Gram(GM)	10-Jun-21
0001702197	33838-52-7	Heptane-d16	1	Gram(GM)	10-Jun-21
0001702178	33838-52-7	Heptane-d16	1	Gram(GM)	10-Jun-21
0001702177	33838-52-7	Heptane-d16	1	Gram(GM)	10-Jun-21
0001702180	33838-52-7	Heptane-d16	1	Gram(GM)	10-Jun-21
0001702181	33838-52-7	Heptane-d16	1	Gram(GM)	10-Jun-21
0001702182	33838-52-7	Heptane-d16	1	Gram(GM)	10-Jun-21
0001702183	33838-52-7	Heptane-d16	1	Gram(GM)	10-Jun-21
0001702184	33838-52-7	Heptane-d16	1	Gram(GM)	10-Jun-21
0001702202	7601-54-9	SODIUM PHOSPHATE 96%	1	Kilograms(KG)	10-Jun-21
0001702201	7601-54-9	SODIUM PHOSPHATE 96%	2.5	Kilograms(KG)	10-Jun-21
0001702200	33838-52-7	Heptane-d16	1	Gram(GM)	10-Jun-21
0001702198	33838-52-7	Heptane-d16	1	Gram(GM)	10-Jun-21
0001702190	33838-52-7	Heptane-d16	1	Gram(GM)	10-Jun-21
0001702191	33838-52-7	Heptane-d16	1	Gram(GM)	10-Jun-21
0001702189	33838-52-7	Heptane-d16	1	Gram(GM)	10-Jun-21
0001702188	33838-52-7	Heptane-d16	1	Gram(GM)	10-Jun-21
0001702187	33838-52-7	Heptane-d16	1	Gram(GM)	10-Jun-21
0001702186	33838-52-7	Heptane-d16	1	Gram(GM)	10-Jun-21
0001702199	33838-52-7	Heptane-d16	1	Gram(GM)	10-Jun-21
0001702185	33838-52-7	Heptane-d16	1	Gram(GM)	10-Jun-21
0001702196	33838-52-7	Heptane-d16	1	Gram(GM)	10-Jun-21
0001702192	33838-52-7	Heptane-d16	1	Gram(GM)	10-Jun-21
0001702179	33838-52-7	Heptane-d16	1	Gram(GM)	10-Jun-21
0001702193	33838-52-7	Heptane-d16	1	Gram(GM)	10-Jun-21
0001702194	33838-52-7	Heptane-d16	1	Gram(GM)	10-Jun-21
0001702195	33838-52-7	Heptane-d16	1	Gram(GM)	10-Jun-21
0001702203	7601-54-9	SODIUM PHOSPHATE 96%	2.5	Kilograms(KG)	10-Jun-21
0001702204	7601-54-9	SODIUM PHOSPHATE 96%	2.5	Kilograms(KG)	10-Jun-21
0001702205	7601-54-9	SODIUM PHOSPHATE 96%	2.5	Kilograms(KG)	10-Jun-21
0001680014	124-38-9	CARBON DIOXIDE GAS	50	Cubic Feet(CF)	10-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001680015	124-38-9	CARBON DIOXIDE GAS	50	Cubic Feet(CF)	10-Jun-21
0001680024	124-38-9	CARBON DIOXIDE GAS	50	Cubic Feet(CF)	10-Jun-21
0001680016	124-38-9	CARBON DIOXIDE GAS	50	Cubic Feet(CF)	10-Jun-21
0001680017	124-38-9	CARBON DIOXIDE GAS	50	Cubic Feet(CF)	10-Jun-21
0001680031	124-38-9	CARBON DIOXIDE GAS	50	Cubic Feet(CF)	10-Jun-21
0001680030	124-38-9	CARBON DIOXIDE GAS	50	Cubic Feet(CF)	10-Jun-21
0001680029	124-38-9	CARBON DIOXIDE GAS	50	Cubic Feet(CF)	10-Jun-21
0001680028	124-38-9	CARBON DIOXIDE GAS	50	Cubic Feet(CF)	10-Jun-21
0001680027	124-38-9	CARBON DIOXIDE GAS	50	Cubic Feet(CF)	10-Jun-21
0001680025	124-38-9	CARBON DIOXIDE GAS	50	Cubic Feet(CF)	10-Jun-21
0001680018	124-38-9	CARBON DIOXIDE GAS	50	Cubic Feet(CF)	10-Jun-21
0001680023	124-38-9	CARBON DIOXIDE GAS	50	Cubic Feet(CF)	10-Jun-21
0001680022	124-38-9	CARBON DIOXIDE GAS	50	Cubic Feet(CF)	10-Jun-21
0001680019	124-38-9	CARBON DIOXIDE GAS	50	Cubic Feet(CF)	10-Jun-21
0001680020	124-38-9	CARBON DIOXIDE GAS	50	Cubic Feet(CF)	10-Jun-21
0001680026	124-38-9	CARBON DIOXIDE GAS	50	Cubic Feet(CF)	10-Jun-21
0001680021	124-38-9	CARBON DIOXIDE GAS	50	Cubic Feet(CF)	10-Jun-21
0001680032	124-38-9	CARBON DIOXIDE GAS	50	Cubic Feet(CF)	10-Jun-21
0001680033	124-38-9	CARBON DIOXIDE GAS	50	Cubic Feet(CF)	10-Jun-21
0001680034	124-38-9	CARBON DIOXIDE GAS	50	Cubic Feet(CF)	10-Jun-21
0001680035	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	10-Jun-21
0001680039	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	10-Jun-21
0001680040	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	10-Jun-21
0001680038	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	10-Jun-21
0001680037	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	10-Jun-21
0001680036	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	10-Jun-21
0001680041	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	10-Jun-21
0001680057	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	10-Jun-21
0001680075	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	10-Jun-21
0001680068	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	10-Jun-21
0001680077	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	10-Jun-21
0001680078	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	10-Jun-21
0001680076	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	10-Jun-21
0001680074	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	10-Jun-21
0001680073	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	10-Jun-21
0001680072	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	10-Jun-21
0001680071	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	10-Jun-21
0001680069	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	10-Jun-21
0001680067	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	10-Jun-21
0001680061	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	10-Jun-21
0001680058	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	10-Jun-21
0001680070	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	10-Jun-21
0001680060	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	10-Jun-21
0001680066	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	10-Jun-21
0001680062	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	10-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001680063	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	10-Jun-21
0001680064	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	10-Jun-21
0001680065	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	10-Jun-21
0001680059	-	6% Hydrogen 94% Argon	220	Cubic Feet(CF)	10-Jun-21
0001680079	74-98-6	PROPANE	11	Gallon(GAL)	10-Jun-21
0001680084	74-98-6	PROPANE	11	Gallon(GAL)	10-Jun-21
0001680088	74-98-6	PROPANE	11	Gallon(GAL)	10-Jun-21
0001680087	74-98-6	PROPANE	11	Gallon(GAL)	10-Jun-21
0001680086	74-98-6	PROPANE	11	Gallon(GAL)	10-Jun-21
0001680085	74-98-6	PROPANE	11	Gallon(GAL)	10-Jun-21
0001680089	74-98-6	PROPANE	11	Gallon(GAL)	10-Jun-21
0001680083	74-98-6	PROPANE	11	Gallon(GAL)	10-Jun-21
0001680082	74-98-6	PROPANE	11	Gallon(GAL)	10-Jun-21
0001680081	74-98-6	PROPANE	11	Gallon(GAL)	10-Jun-21
0001680080	74-98-6	PROPANE	11	Gallon(GAL)	10-Jun-21
0001680090	-	Compressed Air	220	Cubic Feet(CF)	10-Jun-21
0001680091	-	Compressed Air	220	Cubic Feet(CF)	10-Jun-21
0001680092	-	Compressed Air	220	Cubic Feet(CF)	10-Jun-21
0001680093	-	ARGON GAS	220	Cubic Feet(CF)	10-Jun-21
0001680100	-	ARGON GAS	220	Cubic Feet(CF)	10-Jun-21
0001680094	-	ARGON GAS	220	Cubic Feet(CF)	10-Jun-21
0001680095	-	ARGON GAS	220	Cubic Feet(CF)	10-Jun-21
0001680096	-	ARGON GAS	220	Cubic Feet(CF)	10-Jun-21
0001680097	-	ARGON GAS	220	Cubic Feet(CF)	10-Jun-21
0001680098	-	ARGON GAS	220	Cubic Feet(CF)	10-Jun-21
0001680099	-	ARGON GAS	220	Cubic Feet(CF)	10-Jun-21
0001680105	-	ARGON GAS	220	Cubic Feet(CF)	10-Jun-21
0001680102	7727-37-9	NITROGEN GAS	150	Cubic Feet(CF)	10-Jun-21
0001680101	-	CARBON MONOXIDE 0.1% IN ARGON	40	Cubic Feet(CF)	10-Jun-21
0001680103	-	CARBON DIOXIDE IN NITROGEN	150	Cubic Feet(CF)	10-Jun-21
0001680104	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	10-Jun-21
0001701613	5329-14-6	SULFAMIC ACID	500	Gram(GM)	10-Jun-21
0001701614	12054-85-2	Ammonium molybdate tetrahydrate	500	Gram(GM)	10-Jun-21
0001701615	7782-63-0	FERROUS SULFATE HEPTAHYDRATE	500	Milliliter(ML)	10-Jun-21
0001702247	75-05-8	ACETONITRILE	2	Liters(L)	10-Jun-21
0001702248	75-05-8	ACETONITRILE	2	Liters(L)	10-Jun-21
0001702249	75-05-8	ACETONITRILE	2	Liters(L)	10-Jun-21
0001702258	67-56-1	METHANOL	4	Liters(L)	10-Jun-21
0001702259	64-17-5	ETHYL ALCOHOL	4	Liters(L)	11-Jun-21
0001702260	64-17-5	ETHYL ALCOHOL	4	Liters(L)	11-Jun-21
0001702261	1076-43-3	BENZENE D6	50	Gram(GM)	11-Jun-21
0001702262	7803-49-8	HYDROXYLAMINE	50	Milliliter(ML)	11-Jun-21
0001702266	7803-49-8	HYDROXYLAMINE	50	Milliliter(ML)	11-Jun-21
0001702265	7803-49-8	HYDROXYLAMINE	50	Milliliter(ML)	11-Jun-21
0001702264	7803-49-8	HYDROXYLAMINE	50	Milliliter(ML)	11-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001702263	7803-49-8	HYDROXYLAMINE	50	Milliliter(ML)	11-Jun-21
0001680106	-	Compressed Air	53	Cubic Feet(CF)	11-Jun-21
0001680107	74-98-6	PROPANE	5	Gallon(GAL)	11-Jun-21
0001680108	74-98-6	PROPANE	5	Gallon(GAL)	11-Jun-21
0001702267	88-14-2	2-FUROIC ACID	50	Milliliter(ML)	11-Jun-21
0001702268	75-09-2	DICHLOROMETHANE	4	Liters(L)	11-Jun-21
0001702275	75-09-2	DICHLOROMETHANE	4	Liters(L)	11-Jun-21
0001702269	75-09-2	DICHLOROMETHANE	4	Liters(L)	11-Jun-21
0001702270	75-09-2	DICHLOROMETHANE	4	Liters(L)	11-Jun-21
0001702271	75-09-2	DICHLOROMETHANE	4	Liters(L)	11-Jun-21
0001702272	75-09-2	DICHLOROMETHANE	4	Liters(L)	11-Jun-21
0001702274	75-09-2	DICHLOROMETHANE	4	Liters(L)	11-Jun-21
0001702279	75-09-2	DICHLOROMETHANE	4	Liters(L)	11-Jun-21
0001702276	75-09-2	DICHLOROMETHANE	4	Liters(L)	11-Jun-21
0001702278	75-09-2	DICHLOROMETHANE	4	Liters(L)	11-Jun-21
0001702277	75-09-2	DICHLOROMETHANE	4	Liters(L)	11-Jun-21
0001702273	75-09-2	DICHLOROMETHANE	4	Liters(L)	11-Jun-21
0001630534	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	11-Jun-21
0001630541	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	11-Jun-21
0001630542	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	11-Jun-21
0001630540	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	11-Jun-21
0001630539	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	11-Jun-21
0001630538	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	11-Jun-21
0001630537	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	11-Jun-21
0001630536	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	11-Jun-21
0001630535	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	11-Jun-21
0001630544	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	11-Jun-21
0001630543	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	11-Jun-21
0001630545	-	Avalon Premium 100% Acrylic Interior Semi-Gloss W/B	5	Gallon(GAL)	11-Jun-21
0001630546	-	Avalon Premium 100% Acrylic Interior Semi-Gloss W/B	5	Gallon(GAL)	11-Jun-21
0001630556	-	Avalon Premium 100% Acrylic Interior Semi-Gloss W/B	5	Gallon(GAL)	11-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001630555	-	Avalon Premium 100% Acrylic Interior Semi-Gloss W/B	5	Gallon(GAL)	11-Jun-21
0001630554	-	Avalon Premium 100% Acrylic Interior Semi-Gloss W/B	5	Gallon(GAL)	11-Jun-21
0001630558	-	Avalon Premium 100% Acrylic Interior Semi-Gloss W/B	5	Gallon(GAL)	11-Jun-21
0001630559	-	Avalon Premium 100% Acrylic Interior Semi-Gloss W/B	5	Gallon(GAL)	11-Jun-21
0001630560	-	Avalon Premium 100% Acrylic Interior Semi-Gloss W/B	5	Gallon(GAL)	11-Jun-21
0001630561	-	Avalon Premium 100% Acrylic Interior Semi-Gloss W/B	5	Gallon(GAL)	11-Jun-21
0001630553	-	Avalon Premium 100% Acrylic Interior Semi-Gloss W/B	5	Gallon(GAL)	11-Jun-21
0001630552	-	Avalon Premium 100% Acrylic Interior Semi-Gloss W/B	5	Gallon(GAL)	11-Jun-21
0001630557	-	Avalon Premium 100% Acrylic Interior Semi-Gloss W/B	5	Gallon(GAL)	11-Jun-21
0001630551	-	Avalon Premium 100% Acrylic Interior Semi-Gloss W/B	5	Gallon(GAL)	11-Jun-21
0001630550	-	Avalon Premium 100% Acrylic Interior Semi-Gloss W/B	5	Gallon(GAL)	11-Jun-21
0001630549	-	Avalon Premium 100% Acrylic Interior Semi-Gloss W/B	5	Gallon(GAL)	11-Jun-21
0001630547	-	Avalon Premium 100% Acrylic Interior Semi-Gloss W/B	5	Gallon(GAL)	11-Jun-21
0001630562	-	Avalon Premium 100% Acrylic Interior Semi-Gloss W/B	5	Gallon(GAL)	11-Jun-21
0001630548	-	Avalon Premium 100% Acrylic Interior Semi-Gloss W/B	5	Gallon(GAL)	11-Jun-21
0001702333	773-64-8	2-MESITYLENESULFONYL CHLORIDE	25	Gram(GM)	11-Jun-21
0001702334	16029-98-4	TRIMETHYLIODOSILANE	25	Gram(GM)	11-Jun-21
0001702335	7718-54-9	NICKEL(II) CHLORIDE	5	Gram(GM)	11-Jun-21
0001702336	7718-54-9	NICKEL(II) CHLORIDE	5	Gram(GM)	11-Jun-21
0001702337	7758-95-4	LEAD(II) CHLORIDE	50	Gram(GM)	11-Jun-21
0001630563	-	Zinsser BULLS EYE 1-2-3	5	Gallon(GAL)	11-Jun-21
0001630567	-	Zinsser BULLS EYE 1-2-3	5	Gallon(GAL)	11-Jun-21
0001630571	-	Zinsser BULLS EYE 1-2-3	5	Gallon(GAL)	11-Jun-21
0001630570	-	Zinsser BULLS EYE 1-2-3	5	Gallon(GAL)	11-Jun-21
0001630569	-	Zinsser BULLS EYE 1-2-3	5	Gallon(GAL)	11-Jun-21
0001630572	-	Zinsser BULLS EYE 1-2-3	5	Gallon(GAL)	11-Jun-21
0001630568	-	Zinsser BULLS EYE 1-2-3	5	Gallon(GAL)	11-Jun-21
0001630566	-	Zinsser BULLS EYE 1-2-3	5	Gallon(GAL)	11-Jun-21
0001630565	-	Zinsser BULLS EYE 1-2-3	5	Gallon(GAL)	11-Jun-21
0001630564	-	Zinsser BULLS EYE 1-2-3	5	Gallon(GAL)	11-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001630573	-	PSX 700A Clear Coat Resin	0.83	Gallon(GAL)	11-Jun-21
0001630575	-	PSX 700A Clear Coat Resin	0.83	Gallon(GAL)	11-Jun-21
0001630574	-	PSX 700A Clear Coat Resin	0.83	Gallon(GAL)	11-Jun-21
0001702338	7758-95-4	LEAD(II) CHLORIDE	50	Gram(GM)	11-Jun-21
0001702339	10108-64-2	CADMIUM CHLORIDE	25	Gram(GM)	11-Jun-21
0001702340	10108-64-2	CADMIUM CHLORIDE	25	Gram(GM)	11-Jun-21
0001630576	-	PSX 700A CLEAR COAT CURE	0.17	Gallon(GAL)	11-Jun-21
0001630577	-	PSX 700A CLEAR COAT CURE	0.17	Gallon(GAL)	11-Jun-21
0001630578	-	PSX 700A CLEAR COAT CURE	0.17	Gallon(GAL)	11-Jun-21
0001630579	-	POLYURETHANE SATIN	1	Gallon(GAL)	11-Jun-21
0001630583	-	POLYURETHANE SATIN	1	Gallon(GAL)	11-Jun-21
0001630582	-	POLYURETHANE SATIN	1	Gallon(GAL)	11-Jun-21
0001630581	-	POLYURETHANE SATIN	1	Gallon(GAL)	11-Jun-21
0001630580	-	POLYURETHANE SATIN	1	Gallon(GAL)	11-Jun-21
0001630584	-	POLYURETHANE SATIN	1	Gallon(GAL)	11-Jun-21
0001702207	-	Platinum nominally 60% on high surface area advanced carbon support	5	Gram(GM)	11-Jun-21
0001702208	-	Platinum nominally 60% on high surface area advanced carbon support	5	Gram(GM)	11-Jun-21
0001630585	-	OM Polyurethane gloss	1	Gallon(GAL)	11-Jun-21
0001630592	-	OM Polyurethane gloss	1	Gallon(GAL)	11-Jun-21
0001630586	-	OM Polyurethane gloss	1	Gallon(GAL)	11-Jun-21
0001630587	-	OM Polyurethane gloss	1	Gallon(GAL)	11-Jun-21
0001630588	-	OM Polyurethane gloss	1	Gallon(GAL)	11-Jun-21
0001630589	-	OM Polyurethane gloss	1	Gallon(GAL)	11-Jun-21
0001630590	-	OM Polyurethane gloss	1	Gallon(GAL)	11-Jun-21
0001630591	-	OM Polyurethane gloss	1	Gallon(GAL)	11-Jun-21
0001630593	-	SANDING SEALER	1	Gallon(GAL)	11-Jun-21
0001630594	-	SANDING SEALER	1	Gallon(GAL)	11-Jun-21
0001630595	-	SANDING SEALER	1	Gallon(GAL)	11-Jun-21
0001630596	-	SANDING SEALER	1	Gallon(GAL)	11-Jun-21
0001702218	-	Synergy 735	5	Gallon(GAL)	11-Jun-21
0001702219	-	Synergy 735	5	Gallon(GAL)	11-Jun-21
0001630597	-	GLOSS WHITE	1	Gallon(GAL)	11-Jun-21
0001630599	-	GLOSS WHITE	1	Gallon(GAL)	11-Jun-21
0001630598	-	GLOSS WHITE	1	Gallon(GAL)	11-Jun-21
0001702221	-	Synergy 735	5	Gallon(GAL)	11-Jun-21
0001630600	-	Paramount Ext. 100% Acrylic Flat M/B	5	Gallon(GAL)	11-Jun-21
0001630603	-	Paramount Ext. 100% Acrylic Flat M/B	5	Gallon(GAL)	11-Jun-21
0001630612	-	Paramount Ext. 100% Acrylic Flat M/B	5	Gallon(GAL)	11-Jun-21
0001630602	-	Paramount Ext. 100% Acrylic Flat M/B	5	Gallon(GAL)	11-Jun-21
0001630617	-	Paramount Ext. 100% Acrylic Flat M/B	5	Gallon(GAL)	11-Jun-21
0001630605	-	Paramount Ext. 100% Acrylic Flat M/B	5	Gallon(GAL)	11-Jun-21
0001630616	-	Paramount Ext. 100% Acrylic Flat M/B	5	Gallon(GAL)	11-Jun-21
0001630607	-	Paramount Ext. 100% Acrylic Flat M/B	5	Gallon(GAL)	11-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001630608	-	Paramount Ext. 100% Acrylic Flat M/B	5	Gallon(GAL)	11-Jun-21
0001630609	-	Paramount Ext. 100% Acrylic Flat M/B	5	Gallon(GAL)	11-Jun-21
0001630610	-	Paramount Ext. 100% Acrylic Flat M/B	5	Gallon(GAL)	11-Jun-21
0001630611	-	Paramount Ext. 100% Acrylic Flat M/B	5	Gallon(GAL)	11-Jun-21
0001630615	-	Paramount Ext. 100% Acrylic Flat M/B	5	Gallon(GAL)	11-Jun-21
0001630614	-	Paramount Ext. 100% Acrylic Flat M/B	5	Gallon(GAL)	11-Jun-21
0001630613	-	Paramount Ext. 100% Acrylic Flat M/B	5	Gallon(GAL)	11-Jun-21
0001630604	-	Paramount Ext. 100% Acrylic Flat M/B	5	Gallon(GAL)	11-Jun-21
0001630601	-	Paramount Ext. 100% Acrylic Flat M/B	5	Gallon(GAL)	11-Jun-21
0001630606	-	Paramount Ext. 100% Acrylic Flat M/B	5	Gallon(GAL)	11-Jun-21
0001702220	-	Synergy 735	5	Gallon(GAL)	11-Jun-21
0001702239	-	PLY 7609	1	Pint(PT)	11-Jun-21
0001702241	-	PLY 7609	1	Pint(PT)	11-Jun-21
0001418053	-	FOAM SEALANT	250	Milliliter(ML)	11-Jun-21
0001702211	99-87-6	p-Cymene	25	Milliliter(ML)	11-Jun-21
0001702343	64-17-5	ETHANOL	500	Milliliter(ML)	11-Jun-21
0001702344	64-17-5	ETHANOL	500	Milliliter(ML)	11-Jun-21
0001702348	64-17-5	ETHANOL	500	Milliliter(ML)	11-Jun-21
0001702347	64-17-5	ETHANOL	500	Milliliter(ML)	11-Jun-21
0001702346	64-17-5	ETHANOL	500	Milliliter(ML)	11-Jun-21
0001702345	64-17-5	ETHANOL	500	Milliliter(ML)	11-Jun-21
0001702356	7722-64-7	POTASSIUM PERMANGANATE	1	Kilograms(KG)	11-Jun-21
0001702206	-	EPON RESIN 828	1	Gallon(GAL)	11-Jun-21
0001702381	7697-37-2	NITRIC ACID SOLUTIONS	500	Milliliter(ML)	11-Jun-21
0001702382	7697-37-2	NITRIC ACID SOLUTIONS	500	Milliliter(ML)	11-Jun-21
0001702384	-	CORROSION INHIBITOR	16	Ounces(OZ)	11-Jun-21
0001702385	-	CORROSION INHIBITOR	16	Ounces(OZ)	11-Jun-21
0001702388	32677-01-3	L-GLUTAMIC ACID DI-T-BUTYLESTER	25	Gram(GM)	11-Jun-21
0001702045	107-21-1	ETHYLENE GLYCOL	4	Liters(L)	11-Jun-21
0001702048	107-21-1	ETHYLENE GLYCOL	4	Liters(L)	11-Jun-21
0001702046	107-21-1	ETHYLENE GLYCOL	4	Liters(L)	11-Jun-21
0001702047	107-21-1	ETHYLENE GLYCOL	4	Liters(L)	11-Jun-21
0001702389	32677-01-3	L-GLUTAMIC ACID DI-T-BUTYLESTER	25	Gram(GM)	11-Jun-21
0001702049	-	ISOPROPYL ALCOHOL 70	4	Liters(L)	11-Jun-21
0001702050	-	ISOPROPYL ALCOHOL 70	4	Liters(L)	11-Jun-21
0001702052	-	ISOPROPYL ALCOHOL 70	4	Liters(L)	11-Jun-21
0001702051	-	ISOPROPYL ALCOHOL 70	4	Liters(L)	11-Jun-21
0001702390	77182-82-2	GLUFOSINATE-AMMONIUM	100	Milligram(MG)	11-Jun-21
0001702391	10120-28-2	METHYLCYCLOHEXANE-D14	5	Gram(GM)	11-Jun-21
0001702392	10120-28-2	METHYLCYCLOHEXANE-D14	5	Gram(GM)	11-Jun-21
0001702393	10120-28-2	METHYLCYCLOHEXANE-D14	5	Gram(GM)	11-Jun-21
0001702394	10120-28-2	METHYLCYCLOHEXANE-D14	5	Gram(GM)	11-Jun-21
0001701119	-	BUEHLER MASTERMET 2	6	Ounces(OZ)	11-Jun-21
0001701120	-	BUEHLER MASTERMET 2	6	Ounces(OZ)	11-Jun-21
0001701121	-	BUEHLER METADI FLUID	8	Ounces(OZ)	11-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001701122	-	BUEHLER METADI FLUID	8	Ounces(OZ)	11-Jun-21
0001702163	-	Alexa Fluor 488 Reactive Dye Decapack for microarrays	1	Milligram(MG)	11-Jun-21
0001702460	1310-58-3	POTASSIUM HYDROXIDE	2.5	Kilograms(KG)	11-Jun-21
0001702461	532-91-2	6-Methoxy-2-benzoxazolinone	1	Gram(GM)	11-Jun-21
0001702462	92-61-5	SCOPOLETIN	50	Milligram(MG)	11-Jun-21
0001702463	1114-34-7	D-LYXOSE	5	Gram(GM)	11-Jun-21
0001702464	2206-27-1	DIMETHYL SULFOXIDE-D6	7.5	Milliliter(ML)	11-Jun-21
0001702465	2206-27-1	DIMETHYL SULFOXIDE-D6	7.5	Milliliter(ML)	11-Jun-21
0001702466	2206-27-1	DIMETHYL SULFOXIDE-D6	7.5	Milliliter(ML)	11-Jun-21
0001702056	2206-26-0	ACETONITRILE-D3	50	Gram(GM)	11-Jun-21
0001702467	14630-40-1	BIS(TRIMETHYLSILYL)ACETYLENE	50	Gram(GM)	11-Jun-21
0001702469	7664-38-2	PHOSPHORIC ACID SOLID	1	Liters(L)	11-Jun-21
0001702472	7664-38-2	PHOSPHORIC ACID SOLID	1	Liters(L)	11-Jun-21
0001702471	7664-38-2	PHOSPHORIC ACID SOLID	1	Liters(L)	11-Jun-21
0001702470	7664-38-2	PHOSPHORIC ACID SOLID	1	Liters(L)	11-Jun-21
0001702474	4098-71-9	ISOPHORONE DIISOCYANATE	5	Milliliter(ML)	11-Jun-21
0001702475	10294-41-4	Cerium (III) Nitrate	25	Gram(GM)	11-Jun-21
0001702495	109-99-9	TETRAHYDROFURAN	4	Liters(L)	11-Jun-21
0001702498	109-99-9	TETRAHYDROFURAN	4	Liters(L)	11-Jun-21
0001702497	109-99-9	TETRAHYDROFURAN	4	Liters(L)	11-Jun-21
0001702496	109-99-9	TETRAHYDROFURAN	4	Liters(L)	11-Jun-21
0001702499	109-99-9	TETRAHYDROFURAN	4	Liters(L)	11-Jun-21
0001702502	109-99-9	TETRAHYDROFURAN	4	Liters(L)	11-Jun-21
0001702501	109-99-9	TETRAHYDROFURAN	4	Liters(L)	11-Jun-21
0001702500	109-99-9	TETRAHYDROFURAN	4	Liters(L)	11-Jun-21
0001702503	109-99-9	TETRAHYDROFURAN	4	Liters(L)	11-Jun-21
0001702506	109-99-9	TETRAHYDROFURAN	4	Liters(L)	11-Jun-21
0001702505	109-99-9	TETRAHYDROFURAN	4	Liters(L)	11-Jun-21
0001702504	109-99-9	TETRAHYDROFURAN	4	Liters(L)	11-Jun-21
0001702507	75-05-8	ACETONITRILE	4	Liters(L)	11-Jun-21
0001702511	75-05-8	ACETONITRILE	4	Liters(L)	11-Jun-21
0001702512	75-05-8	ACETONITRILE	4	Liters(L)	11-Jun-21
0001702513	75-05-8	ACETONITRILE	4	Liters(L)	11-Jun-21
0001702510	75-05-8	ACETONITRILE	4	Liters(L)	11-Jun-21
0001702509	75-05-8	ACETONITRILE	4	Liters(L)	11-Jun-21
0001702514	75-05-8	ACETONITRILE	4	Liters(L)	11-Jun-21
0001702508	75-05-8	ACETONITRILE	4	Liters(L)	11-Jun-21
0001702489	69011-17-2	AG MP-1M Anion Exchange Resin	500	Gram(GM)	11-Jun-21
0001702494	69011-17-2	AG MP-1M Anion Exchange Resin	500	Gram(GM)	11-Jun-21
0001702490	69011-17-2	AG MP-1M Anion Exchange Resin	500	Gram(GM)	11-Jun-21
0001702491	69011-17-2	AG MP-1M Anion Exchange Resin	500	Gram(GM)	11-Jun-21
0001702493	69011-17-2	AG MP-1M Anion Exchange Resin	500	Gram(GM)	11-Jun-21
0001702492	69011-17-2	AG MP-1M Anion Exchange Resin	500	Gram(GM)	11-Jun-21
0001702476	24324-17-2	9-FLUORENEMETHANOL	50	Gram(GM)	11-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001702477	24324-17-2	9-FLUORENEMETHANOL	50	Gram(GM)	11-Jun-21
0001702479	7439-95-4	MAGNESIUM TURNINGS	50	Gram(GM)	11-Jun-21
0001702487	499-83-2	2 6-PYRIDINE-DICARBOXYLIC ACID	100	Gram(GM)	11-Jun-21
0001702480	128-37-0	2 6-DI-TERT-BUTYL-4-METHYLPHENOL	50	Gram(GM)	11-Jun-21
0001702481	128-37-0	2 6-DI-TERT-BUTYL-4-METHYLPHENOL	50	Gram(GM)	11-Jun-21
0001702482	109-99-9	TETRAHYDROFURAN	2	Liters(L)	11-Jun-21
V0000085C9	-	Cote All 340 J.D. (Safety) Yellow	1	Gallon(GAL)	14-Jun-21
V0000085D3	-	Cote All 340 J.D. (Safety) Yellow	1	Gallon(GAL)	14-Jun-21
V0000085D2	-	Cote All 340 J.D. (Safety) Yellow	1	Gallon(GAL)	14-Jun-21
V0000085D1	-	Cote All 340 J.D. (Safety) Yellow	1	Gallon(GAL)	14-Jun-21
V0000085D0	-	Cote All 340 J.D. (Safety) Yellow	1	Gallon(GAL)	14-Jun-21
V0000085CF	-	Cote All 340 J.D. (Safety) Yellow	1	Gallon(GAL)	14-Jun-21
V0000085CE	-	Cote All 340 J.D. (Safety) Yellow	1	Gallon(GAL)	14-Jun-21
V0000085CD	-	Cote All 340 J.D. (Safety) Yellow	1	Gallon(GAL)	14-Jun-21
V0000085CC	-	Cote All 340 J.D. (Safety) Yellow	1	Gallon(GAL)	14-Jun-21
V0000085CA	-	Cote All 340 J.D. (Safety) Yellow	1	Gallon(GAL)	14-Jun-21
V0000085D4	-	Cote All 340 J.D. (Safety) Yellow	1	Gallon(GAL)	14-Jun-21
V0000085C8	-	Cote All 340 J.D. (Safety) Yellow	1	Gallon(GAL)	14-Jun-21
V0000085C7	-	Cote All 340 J.D. (Safety) Yellow	1	Gallon(GAL)	14-Jun-21
V0000085C6	-	Cote All 340 J.D. (Safety) Yellow	1	Gallon(GAL)	14-Jun-21
V0000085C5	-	Cote All 340 J.D. (Safety) Yellow	1	Gallon(GAL)	14-Jun-21
V0000085C4	-	Cote All 340 J.D. (Safety) Yellow	1	Gallon(GAL)	14-Jun-21
V0000085C3	-	Cote All 340 J.D. (Safety) Yellow	1	Gallon(GAL)	14-Jun-21
V0000085C2	-	Cote All 340 J.D. (Safety) Yellow	1	Gallon(GAL)	14-Jun-21
V0000085D5	-	Cote All 340 J.D. (Safety) Yellow	1	Gallon(GAL)	14-Jun-21
V0000085CB	-	Cote All 340 J.D. (Safety) Yellow	1	Gallon(GAL)	14-Jun-21
0001630634	-	XIM 400W WHITE PRIMER SEALER BONDER	1	Gallon(GAL)	14-Jun-21
0001630637	-	XIM 400W WHITE PRIMER SEALER BONDER	1	Gallon(GAL)	14-Jun-21
0001630636	-	XIM 400W WHITE PRIMER SEALER BONDER	1	Gallon(GAL)	14-Jun-21
0001630635	-	XIM 400W WHITE PRIMER SEALER BONDER	1	Gallon(GAL)	14-Jun-21
V00000860F	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V00000861C	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V00000861B	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V00000861A	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V000008619	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V000008617	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V000008615	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V000008614	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V000008613	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V000008612	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V000008635	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V000008610	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V00000861F	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V00000860E	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V00000860D	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V00000860C	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V00000860B	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V00000860A	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V000008609	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V000008608	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V000008607	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V000008606	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V000008611	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V000008629	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V000008634	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V000008633	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V000008632	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V000008631	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V000008630	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V00000862F	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V00000862E	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V00000862D	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V00000862C	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V00000861D	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V00000862A	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V00000861E	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V000008628	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V000008627	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V000008626	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V000008625	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V000008624	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V000008623	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V000008622	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V000008621	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V000008620	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V000008603	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V00000862B	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V0000085E0	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V000008605	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V0000085EA	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V0000085E9	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V0000085E8	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V0000085E7	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V0000085E6	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V0000085E5	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V0000085E4	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V0000085E3	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V0000085EC	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V0000085E1	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V0000085ED	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V0000085DF	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V0000085DE	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V0000085DD	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V0000085DC	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V0000085DB	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V0000085DA	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V0000085D9	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V0000085D8	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V0000085D7	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V0000085D6	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V0000085E2	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V0000085F8	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V000008618	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V000008602	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V000008601	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V000008600	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V0000085FF	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V0000085FE	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V0000085FD	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V0000085FC	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V0000085FB	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V0000085EB	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V0000085F9	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V000008604	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V0000085F7	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V0000085F6	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V0000085F5	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V0000085F4	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V0000085F3	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V0000085F2	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V0000085F1	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V0000085F0	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V0000085EF	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V0000085EE	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V0000085FA	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
V000008616	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	14-Jun-21
0001630638	-	PLAZA PLUS Sealer/Finish	5	Gallon(GAL)	14-Jun-21
0001630639	-	PLAZA PLUS Sealer/Finish	5	Gallon(GAL)	14-Jun-21
0001630640	-	CHEMSAFE CLEAR (CARB Compliant)	5	Gallon(GAL)	14-Jun-21
0001630644	-	CHEMSAFE CLEAR (CARB Compliant)	5	Gallon(GAL)	14-Jun-21
0001630645	-	CHEMSAFE CLEAR (CARB Compliant)	5	Gallon(GAL)	14-Jun-21
0001630643	-	CHEMSAFE CLEAR (CARB Compliant)	5	Gallon(GAL)	14-Jun-21
0001630642	-	CHEMSAFE CLEAR (CARB Compliant)	5	Gallon(GAL)	14-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001630641	-	CHEMSAFE CLEAR (CARB Compliant)	5	Gallon(GAL)	14-Jun-21
0001647140	-	SOLO A4 SMOKE DETECTOR TESTER	4.8	Ounces(OZ)	14-Jun-21
0001423606	-	FOAM SEALANT INSULATING	250	Milliliter(ML)	14-Jun-21
0001630646	-	FANTASTIK ALL PURPOSE CLEANER	1	Gallon(GAL)	14-Jun-21
0001630648	-	FANTASTIK ALL PURPOSE CLEANER	1	Gallon(GAL)	14-Jun-21
0001630647	-	FANTASTIK ALL PURPOSE CLEANER	1	Gallon(GAL)	14-Jun-21
0001630649	-	ARDEX P 4 Primer	1	Gallon(GAL)	14-Jun-21
0001630651	-	ARDEX P 4 Primer	1	Gallon(GAL)	14-Jun-21
0001630655	-	ARDEX P 4 Primer	1	Gallon(GAL)	14-Jun-21
0001630654	-	ARDEX P 4 Primer	1	Gallon(GAL)	14-Jun-21
0001630652	-	ARDEX P 4 Primer	1	Gallon(GAL)	14-Jun-21
0001630650	-	ARDEX P 4 Primer	1	Gallon(GAL)	14-Jun-21
0001630653	-	ARDEX P 4 Primer	1	Gallon(GAL)	14-Jun-21
0001630656	-	FANTASTIK ALL PURPOSE CLEANER	1	Gallon(GAL)	14-Jun-21
0001630657	-	FANTASTIK ALL PURPOSE CLEANER	1	Gallon(GAL)	14-Jun-21
0001630658	-	FANTASTIK ALL PURPOSE CLEANER	1	Gallon(GAL)	14-Jun-21
0001647178	-	SOLO A4 SMOKE DETECTOR TESTER	4.8	Ounces(OZ)	14-Jun-21
0001647141	-	SOLO A4 SMOKE DETECTOR TESTER	4.8	Ounces(OZ)	14-Jun-21
0001647167	-	SOLO A4 SMOKE DETECTOR TESTER	4.8	Ounces(OZ)	14-Jun-21
0001647166	-	SOLO A4 SMOKE DETECTOR TESTER	4.8	Ounces(OZ)	14-Jun-21
0001647169	-	SOLO A4 SMOKE DETECTOR TESTER	4.8	Ounces(OZ)	14-Jun-21
0001647170	-	SOLO A4 SMOKE DETECTOR TESTER	4.8	Ounces(OZ)	14-Jun-21
0001647171	-	SOLO A4 SMOKE DETECTOR TESTER	4.8	Ounces(OZ)	14-Jun-21
0001647172	-	SOLO A4 SMOKE DETECTOR TESTER	4.8	Ounces(OZ)	14-Jun-21
0001647173	-	SOLO A4 SMOKE DETECTOR TESTER	4.8	Ounces(OZ)	14-Jun-21
0001647174	-	SOLO A4 SMOKE DETECTOR TESTER	4.8	Ounces(OZ)	14-Jun-21
0001647175	-	SOLO A4 SMOKE DETECTOR TESTER	4.8	Ounces(OZ)	14-Jun-21
0001647160	-	SOLO A4 SMOKE DETECTOR TESTER	4.8	Ounces(OZ)	14-Jun-21
0001647177	-	SOLO A4 SMOKE DETECTOR TESTER	4.8	Ounces(OZ)	14-Jun-21
0001647157	-	SOLO A4 SMOKE DETECTOR TESTER	4.8	Ounces(OZ)	14-Jun-21
0001647179	-	SOLO A4 SMOKE DETECTOR TESTER	4.8	Ounces(OZ)	14-Jun-21
0001647180	-	SOLO A4 SMOKE DETECTOR TESTER	4.8	Ounces(OZ)	14-Jun-21
0001647181	-	SOLO A4 SMOKE DETECTOR TESTER	4.8	Ounces(OZ)	14-Jun-21
0001647182	-	SOLO A4 SMOKE DETECTOR TESTER	4.8	Ounces(OZ)	14-Jun-21
0001647183	-	SOLO A4 SMOKE DETECTOR TESTER	4.8	Ounces(OZ)	14-Jun-21
0001647184	-	SOLO A4 SMOKE DETECTOR TESTER	4.8	Ounces(OZ)	14-Jun-21
0001647185	-	SOLO A4 SMOKE DETECTOR TESTER	4.8	Ounces(OZ)	14-Jun-21
0001647186	-	SOLO A4 SMOKE DETECTOR TESTER	4.8	Ounces(OZ)	14-Jun-21
0001647187	-	SOLO A4 SMOKE DETECTOR TESTER	4.8	Ounces(OZ)	14-Jun-21
0001647159	-	SOLO A4 SMOKE DETECTOR TESTER	4.8	Ounces(OZ)	14-Jun-21
0001647176	-	SOLO A4 SMOKE DETECTOR TESTER	4.8	Ounces(OZ)	14-Jun-21
0001647153	-	SOLO A4 SMOKE DETECTOR TESTER	4.8	Ounces(OZ)	14-Jun-21
0001647156	-	SOLO A4 SMOKE DETECTOR TESTER	4.8	Ounces(OZ)	14-Jun-21
0001647155	-	SOLO A4 SMOKE DETECTOR TESTER	4.8	Ounces(OZ)	14-Jun-21
0001647145	-	SOLO A4 SMOKE DETECTOR TESTER	4.8	Ounces(OZ)	14-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001647165	-	SOLO A4 SMOKE DETECTOR TESTER	4.8	Ounces(OZ)	14-Jun-21
0001647146	-	SOLO A4 SMOKE DETECTOR TESTER	4.8	Ounces(OZ)	14-Jun-21
0001647168	-	SOLO A4 SMOKE DETECTOR TESTER	4.8	Ounces(OZ)	14-Jun-21
0001647154	-	SOLO A4 SMOKE DETECTOR TESTER	4.8	Ounces(OZ)	14-Jun-21
0001647161	-	SOLO A4 SMOKE DETECTOR TESTER	4.8	Ounces(OZ)	14-Jun-21
0001647148	-	SOLO A4 SMOKE DETECTOR TESTER	4.8	Ounces(OZ)	14-Jun-21
0001647149	-	SOLO A4 SMOKE DETECTOR TESTER	4.8	Ounces(OZ)	14-Jun-21
0001647152	-	SOLO A4 SMOKE DETECTOR TESTER	4.8	Ounces(OZ)	14-Jun-21
0001647162	-	SOLO A4 SMOKE DETECTOR TESTER	4.8	Ounces(OZ)	14-Jun-21
0001647151	-	SOLO A4 SMOKE DETECTOR TESTER	4.8	Ounces(OZ)	14-Jun-21
0001647142	-	SOLO A4 SMOKE DETECTOR TESTER	4.8	Ounces(OZ)	14-Jun-21
0001647143	-	SOLO A4 SMOKE DETECTOR TESTER	4.8	Ounces(OZ)	14-Jun-21
0001647144	-	SOLO A4 SMOKE DETECTOR TESTER	4.8	Ounces(OZ)	14-Jun-21
0001647164	-	SOLO A4 SMOKE DETECTOR TESTER	4.8	Ounces(OZ)	14-Jun-21
0001647158	-	SOLO A4 SMOKE DETECTOR TESTER	4.8	Ounces(OZ)	14-Jun-21
0001647163	-	SOLO A4 SMOKE DETECTOR TESTER	4.8	Ounces(OZ)	14-Jun-21
0001647150	-	SOLO A4 SMOKE DETECTOR TESTER	4.8	Ounces(OZ)	14-Jun-21
0001647147	-	SOLO A4 SMOKE DETECTOR TESTER	4.8	Ounces(OZ)	14-Jun-21
0001628445	-	Mobil Delvac 1 ESP 5W-40	1	Gallon(GAL)	14-Jun-21
0001628448	-	Mobil Delvac 1 ESP 5W-40	1	Gallon(GAL)	14-Jun-21
0001628454	-	Mobil Delvac 1 ESP 5W-40	1	Gallon(GAL)	14-Jun-21
0001628453	-	Mobil Delvac 1 ESP 5W-40	1	Gallon(GAL)	14-Jun-21
0001628452	-	Mobil Delvac 1 ESP 5W-40	1	Gallon(GAL)	14-Jun-21
0001628451	-	Mobil Delvac 1 ESP 5W-40	1	Gallon(GAL)	14-Jun-21
0001628450	-	Mobil Delvac 1 ESP 5W-40	1	Gallon(GAL)	14-Jun-21
0001628449	-	Mobil Delvac 1 ESP 5W-40	1	Gallon(GAL)	14-Jun-21
0001628446	-	Mobil Delvac 1 ESP 5W-40	1	Gallon(GAL)	14-Jun-21
0001628447	-	Mobil Delvac 1 ESP 5W-40	1	Gallon(GAL)	14-Jun-21
V00000863A	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jun-21
V000008636	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jun-21
V000008637	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jun-21
V000008638	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jun-21
V000008639	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	14-Jun-21
0001701897	7087-68-5	N N-DIISOPROPYLETHYLAMINE	100	Milliliter(ML)	14-Jun-21
V000008644	-	Mobil 1 5W-40	1	Quarts(QT)	14-Jun-21
V000008643	-	Mobil 1 5W-40	1	Quarts(QT)	14-Jun-21
V000008642	-	Mobil 1 5W-40	1	Quarts(QT)	14-Jun-21
V000008641	-	Mobil 1 5W-40	1	Quarts(QT)	14-Jun-21
V000008640	-	Mobil 1 5W-40	1	Quarts(QT)	14-Jun-21
V00000863E	-	Mobil 1 5W-40	1	Quarts(QT)	14-Jun-21
V000008645	-	Mobil 1 5W-40	1	Quarts(QT)	14-Jun-21
V00000863B	-	Mobil 1 5W-40	1	Quarts(QT)	14-Jun-21
V00000863F	-	Mobil 1 5W-40	1	Quarts(QT)	14-Jun-21
V00000863C	-	Mobil 1 5W-40	1	Quarts(QT)	14-Jun-21
V00000864D	-	Mobil 1 5W-40	1	Quarts(QT)	14-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V00000863D	-	Mobil 1 5W-40	1	Quarts(QT)	14-Jun-21
V000008646	-	Mobil 1 5W-40	1	Quarts(QT)	14-Jun-21
V000008651	-	Mobil 1 5W-40	1	Quarts(QT)	14-Jun-21
V000008650	-	Mobil 1 5W-40	1	Quarts(QT)	14-Jun-21
V00000864F	-	Mobil 1 5W-40	1	Quarts(QT)	14-Jun-21
V00000864E	-	Mobil 1 5W-40	1	Quarts(QT)	14-Jun-21
V000008652	-	Mobil 1 5W-40	1	Quarts(QT)	14-Jun-21
V00000864C	-	Mobil 1 5W-40	1	Quarts(QT)	14-Jun-21
V00000864B	-	Mobil 1 5W-40	1	Quarts(QT)	14-Jun-21
V00000864A	-	Mobil 1 5W-40	1	Quarts(QT)	14-Jun-21
V000008649	-	Mobil 1 5W-40	1	Quarts(QT)	14-Jun-21
V000008648	-	Mobil 1 5W-40	1	Quarts(QT)	14-Jun-21
V000008647	-	Mobil 1 5W-40	1	Quarts(QT)	14-Jun-21
V000008655	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	14-Jun-21
V00000865B	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	14-Jun-21
V000008656	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	14-Jun-21
V00000865C	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	14-Jun-21
V000008654	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	14-Jun-21
V00000865A	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	14-Jun-21
V000008659	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	14-Jun-21
V000008658	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	14-Jun-21
V000008653	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	14-Jun-21
V00000865D	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	14-Jun-21
V000008657	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	14-Jun-21
V000008666	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	14-Jun-21
V00000866B	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	14-Jun-21
V00000866A	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	14-Jun-21
V000008669	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	14-Jun-21
V000008668	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	14-Jun-21
V000008667	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	14-Jun-21
V000008664	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	14-Jun-21
V000008663	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	14-Jun-21
V000008662	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	14-Jun-21
V000008661	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	14-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000008660	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	14-Jun-21
V00000865E	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	14-Jun-21
V00000865F	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	14-Jun-21
V000008665	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	14-Jun-21
0001628603	-	ANTIFREEZE COOLANT	1	Gallon(GAL)	14-Jun-21
0001702396	-	ELECTROLYTE KCL 3 MOL/L AGCL SATURATED	25	Milliliter(ML)	14-Jun-21
0001702398	79-37-8	OXALYL CHLORIDE	100	Gram(GM)	14-Jun-21
0001702399	79-37-8	OXALYL CHLORIDE	100	Gram(GM)	14-Jun-21
0001702404	53188-07-1	(±)-6-Hydroxy-2 5 7 8-tetramethylchromane-2-carboxylic acid	1	Gram(GM)	14-Jun-21
0001702407	18868-43-4	MOLYBDENUM DIOXIDE	10	Gram(GM)	14-Jun-21
0001702405	12034-59-2	NIOBIUM (IV) OXIDE	2	Gram(GM)	14-Jun-21
0001702406	1313-96-8	NIOBIUM(V) OXIDE	50	Gram(GM)	14-Jun-21
0001702408	1313-27-5	MOLYBDENUM(VI)OXIDE	10	Gram(GM)	14-Jun-21
0001702415	503-17-3	2-BUTYNE	5	Gram(GM)	14-Jun-21
0001702416	7697-37-2	NITRIC ACID SOLUTIONS	2.5	Liters(L)	14-Jun-21
0001702419	7697-37-2	NITRIC ACID SOLUTIONS	2.5	Liters(L)	14-Jun-21
0001702417	7697-37-2	NITRIC ACID SOLUTIONS	2.5	Liters(L)	14-Jun-21
0001702418	7697-37-2	NITRIC ACID SOLUTIONS	2.5	Liters(L)	14-Jun-21
0001702448	1450-63-1	1 1 4 4-TETRAPHENYL-1 3-BUTADIENE	5	Gram(GM)	14-Jun-21
0001702456	1450-63-1	1 1 4 4-TETRAPHENYL-1 3-BUTADIENE	5	Gram(GM)	14-Jun-21
0001702450	1450-63-1	1 1 4 4-TETRAPHENYL-1 3-BUTADIENE	5	Gram(GM)	14-Jun-21
0001702455	1450-63-1	1 1 4 4-TETRAPHENYL-1 3-BUTADIENE	5	Gram(GM)	14-Jun-21
0001702454	1450-63-1	1 1 4 4-TETRAPHENYL-1 3-BUTADIENE	5	Gram(GM)	14-Jun-21
0001702453	1450-63-1	1 1 4 4-TETRAPHENYL-1 3-BUTADIENE	5	Gram(GM)	14-Jun-21
0001702452	1450-63-1	1 1 4 4-TETRAPHENYL-1 3-BUTADIENE	5	Gram(GM)	14-Jun-21
0001702451	1450-63-1	1 1 4 4-TETRAPHENYL-1 3-BUTADIENE	5	Gram(GM)	14-Jun-21
0001702449	1450-63-1	1 1 4 4-TETRAPHENYL-1 3-BUTADIENE	5	Gram(GM)	14-Jun-21
0001579159	-	Clorox Total 360	1	Gallon(GAL)	14-Jun-21
0001579162	-	Clorox Total 360	1	Gallon(GAL)	14-Jun-21
0001579167	-	Clorox Total 360	1	Gallon(GAL)	14-Jun-21
0001579177	-	Clorox Total 360	1	Gallon(GAL)	14-Jun-21
0001579160	-	Clorox Total 360	1	Gallon(GAL)	14-Jun-21
0001579176	-	Clorox Total 360	1	Gallon(GAL)	14-Jun-21
0001579161	-	Clorox Total 360	1	Gallon(GAL)	14-Jun-21
0001579163	-	Clorox Total 360	1	Gallon(GAL)	14-Jun-21
0001579164	-	Clorox Total 360	1	Gallon(GAL)	14-Jun-21
0001579178	-	Clorox Total 360	1	Gallon(GAL)	14-Jun-21
0001579166	-	Clorox Total 360	1	Gallon(GAL)	14-Jun-21
0001579168	-	Clorox Total 360	1	Gallon(GAL)	14-Jun-21
0001579169	-	Clorox Total 360	1	Gallon(GAL)	14-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001579170	-	Clorox Total 360	1	Gallon(GAL)	14-Jun-21
0001579171	-	Clorox Total 360	1	Gallon(GAL)	14-Jun-21
0001579172	-	Clorox Total 360	1	Gallon(GAL)	14-Jun-21
0001579173	-	Clorox Total 360	1	Gallon(GAL)	14-Jun-21
0001579174	-	Clorox Total 360	1	Gallon(GAL)	14-Jun-21
0001579175	-	Clorox Total 360	1	Gallon(GAL)	14-Jun-21
0001579165	-	Clorox Total 360	1	Gallon(GAL)	14-Jun-21
0001702426	1693-74-9	TETRAHYDROFURAN-D8	10	Gram(GM)	14-Jun-21
0001702432	1693-74-9	TETRAHYDROFURAN-D8	10	Gram(GM)	14-Jun-21
0001702431	1693-74-9	TETRAHYDROFURAN-D8	10	Gram(GM)	14-Jun-21
0001702427	1693-74-9	TETRAHYDROFURAN-D8	10	Gram(GM)	14-Jun-21
0001702428	1693-74-9	TETRAHYDROFURAN-D8	10	Gram(GM)	14-Jun-21
0001702430	1693-74-9	TETRAHYDROFURAN-D8	10	Gram(GM)	14-Jun-21
0001702433	1693-74-9	TETRAHYDROFURAN-D8	10	Gram(GM)	14-Jun-21
0001702429	1693-74-9	TETRAHYDROFURAN-D8	10	Gram(GM)	14-Jun-21
0001702434	1665-00-5	METHYLENE CHLORIDE-D2	25	Gram(GM)	14-Jun-21
0001702437	1665-00-5	METHYLENE CHLORIDE-D2	25	Gram(GM)	14-Jun-21
0001702436	1665-00-5	METHYLENE CHLORIDE-D2	25	Gram(GM)	14-Jun-21
0001702435	1665-00-5	METHYLENE CHLORIDE-D2	25	Gram(GM)	14-Jun-21
0001702439	7722-84-1	HYDROGEN PEROXIDE SOLUTIONS	500	Milliliter(ML)	14-Jun-21
0001702440	7722-84-1	HYDROGEN PEROXIDE SOLUTIONS	500	Milliliter(ML)	14-Jun-21
0001702441	75-15-0	CARBON DISULFIDE	1	Liters(L)	14-Jun-21
0001702458	15486-96-1	3-BROMOPROPIONYL CHLORIDE	100	Gram(GM)	14-Jun-21
0001702457	7783-99-5	SILVER NITRITE	50	Gram(GM)	14-Jun-21
0001702442	10099-58-8	LANTHANUM(III)CHLORIDE	25	Gram(GM)	14-Jun-21
0001702443	10138-52-0	Gadolinium(III) chloride ultra dry	25	Milliliter(ML)	14-Jun-21
0001702444	10138-52-0	Gadolinium(III) chloride ultra dry	25	Gram(GM)	14-Jun-21
0001702445	10361-92-9	YTTRIUM CHLORIDE	50	Gram(GM)	14-Jun-21
0001702446	7790-86-5	CERIUM(III) CHLORIDE	5	Gram(GM)	14-Jun-21
0001702425	1076-43-3	BENZENE D6	100	Gram(GM)	14-Jun-21
0001702420	75-77-4	CHLOROTRIMETHYLSILANE (TRIMETHYLCHLOROSILANE)	25	Milliliter(ML)	14-Jun-21
0001702424	584-84-9	TOLYLENE 2 4-DIISOCYANATE	100	Gram(GM)	14-Jun-21
0001702438	-	PELCO COLLOIDAL SILVER 30G	30	Gram(GM)	14-Jun-21
0001701118	-	Cool 3	22.8	Ounces(OZ)	14-Jun-21
0001701129	107-21-1	ETHYLENE GLYCOL	5	Gallon(GAL)	15-Jun-21
0001701131	107-21-1	ETHYLENE GLYCOL	5	Gallon(GAL)	15-Jun-21
0001701132	107-21-1	ETHYLENE GLYCOL	5	Gallon(GAL)	15-Jun-21
0001701130	107-21-1	ETHYLENE GLYCOL	5	Gallon(GAL)	15-Jun-21
0001701133	13463-67-7	TITANIUM (IV) OXIDE	10	Gram(GM)	15-Jun-21
0001702557	71-43-2	Benzene Kovats Probe Standard	1	Milliliter(ML)	15-Jun-21
0001702558	71-43-2	Benzene Kovats Probe Standard	1	Milliliter(ML)	15-Jun-21
0001702560	71-43-2	Benzene Kovats Probe Standard	1	Milliliter(ML)	15-Jun-21
0001702559	71-43-2	Benzene Kovats Probe Standard	1	Milliliter(ML)	15-Jun-21
0001423430	-	FS-One Max	300	Milliliter(ML)	15-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001423431	-	FS-One Max	300	Milliliter(ML)	15-Jun-21
0001423432	-	FS-One Max	300	Milliliter(ML)	15-Jun-21
0001423433	-	FS-One Max	300	Milliliter(ML)	15-Jun-21
0001423428	-	CFS-S SIL GG Firestop silicone sealant	300	Milliliter(ML)	15-Jun-21
0001423429	-	CFS-S SIL GG Firestop silicone sealant	300	Milliliter(ML)	15-Jun-21
0001702357	-	MS-122 RELEASE AGENT DRY LUBRICANT	14	Ounces(OZ)	15-Jun-21
0001702378	-	MS-122 RELEASE AGENT DRY LUBRICANT	14	Ounces(OZ)	15-Jun-21
0001702371	-	MS-122 RELEASE AGENT DRY LUBRICANT	14	Ounces(OZ)	15-Jun-21
0001702373	-	MS-122 RELEASE AGENT DRY LUBRICANT	14	Ounces(OZ)	15-Jun-21
0001702374	-	MS-122 RELEASE AGENT DRY LUBRICANT	14	Ounces(OZ)	15-Jun-21
0001702375	-	MS-122 RELEASE AGENT DRY LUBRICANT	14	Ounces(OZ)	15-Jun-21
0001702369	-	MS-122 RELEASE AGENT DRY LUBRICANT	14	Ounces(OZ)	15-Jun-21
0001702377	-	MS-122 RELEASE AGENT DRY LUBRICANT	14	Ounces(OZ)	15-Jun-21
0001702370	-	MS-122 RELEASE AGENT DRY LUBRICANT	14	Ounces(OZ)	15-Jun-21
0001702379	-	MS-122 RELEASE AGENT DRY LUBRICANT	14	Ounces(OZ)	15-Jun-21
0001702380	-	MS-122 RELEASE AGENT DRY LUBRICANT	14	Ounces(OZ)	15-Jun-21
0001702360	-	MS-122 RELEASE AGENT DRY LUBRICANT	14	Ounces(OZ)	15-Jun-21
0001702359	-	MS-122 RELEASE AGENT DRY LUBRICANT	14	Ounces(OZ)	15-Jun-21
0001702358	-	MS-122 RELEASE AGENT DRY LUBRICANT	14	Ounces(OZ)	15-Jun-21
0001702376	-	MS-122 RELEASE AGENT DRY LUBRICANT	14	Ounces(OZ)	15-Jun-21
0001702364	-	MS-122 RELEASE AGENT DRY LUBRICANT	14	Ounces(OZ)	15-Jun-21
0001702361	-	MS-122 RELEASE AGENT DRY LUBRICANT	14	Ounces(OZ)	15-Jun-21
0001702366	-	MS-122 RELEASE AGENT DRY LUBRICANT	14	Ounces(OZ)	15-Jun-21
0001702367	-	MS-122 RELEASE AGENT DRY LUBRICANT	14	Ounces(OZ)	15-Jun-21
0001702362	-	MS-122 RELEASE AGENT DRY LUBRICANT	14	Ounces(OZ)	15-Jun-21
0001702363	-	MS-122 RELEASE AGENT DRY LUBRICANT	14	Ounces(OZ)	15-Jun-21
0001702365	-	MS-122 RELEASE AGENT DRY LUBRICANT	14	Ounces(OZ)	15-Jun-21
0001702372	-	MS-122 RELEASE AGENT DRY LUBRICANT	14	Ounces(OZ)	15-Jun-21
0001702368	-	MS-122 RELEASE AGENT DRY LUBRICANT	14	Ounces(OZ)	15-Jun-21
0001702561	-	APIEZON N GREASE	25	Gram(GM)	15-Jun-21
0001702562	-	1000 ug/ml Copper	30	Milliliter(ML)	15-Jun-21
0001702563	-	Manganese 1 000 ug/mL or 10 000 ug/mL	30	Milliliter(ML)	15-Jun-21
0001702564	-	ZIRCONIUM WIRE	10	Gram(GM)	15-Jun-21
0001702565	-	HYDRANAL WATER STD 0.1	40	Milliliter(ML)	15-Jun-21
0001702570	-	HYDRANAL WATER STD 0.1	40	Milliliter(ML)	15-Jun-21
0001702567	-	HYDRANAL WATER STD 0.1	40	Milliliter(ML)	15-Jun-21
0001702566	-	HYDRANAL WATER STD 0.1	40	Milliliter(ML)	15-Jun-21
0001702569	-	HYDRANAL WATER STD 0.1	40	Milliliter(ML)	15-Jun-21
0001702568	-	HYDRANAL WATER STD 0.1	40	Milliliter(ML)	15-Jun-21
0001702571	4045-44-7	PENTAMETHYLCYCLOPENTADIENE	25	Gram(GM)	15-Jun-21
0001456779	-	1-Propyl-2-methylpyridinium bis(trifluoromethylsulfonyl)imide	100	Gram(GM)	15-Jun-21
0001702572	7647-17-8	Cesium chloride ultrapure	100	Gram(GM)	15-Jun-21
0001702573	10025-70-4	STRONTIUM CHLORIDE HEXAHYDRATE	250	Gram(GM)	15-Jun-21
0001702574	10025-70-4	STRONTIUM CHLORIDE HEXAHYDRATE	250	Gram(GM)	15-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001702575	151-50-8	POTASSIUM CYANIDE	100	Gram(GM)	15-Jun-21
0001702576	7719-09-7	THIONYL CHLORIDE	50	Milliliter(ML)	15-Jun-21
0001702577	-	NICKEL PLASMA STANDARD	50	Milliliter(ML)	15-Jun-21
0001702578	-	Selenium plasma standard solution Specpure Se 1000ug/ml	50	Milliliter(ML)	15-Jun-21
0001702579	-	DNA/RNA Lysis Buffer	200	Milliliter(ML)	15-Jun-21
0001702580	-	DNA/RNA Lysis Buffer	200	Milliliter(ML)	15-Jun-21
0001702581	79-09-4	PROPIONIC ACID	1	Liters(L)	15-Jun-21
0001702582	101-84-8	PHENYL ETHER (DIPHENYL ETHER)	2.5	Kilograms(KG)	15-Jun-21
0001702059	3317-67-7	COBALT PHTHALOCYANINE	10	Gram(GM)	16-Jun-21
0001700492	67-56-1	METHANOL	4	Liters(L)	16-Jun-21
0001702071	7385-67-3	NILE RED	10	Milligram(MG)	16-Jun-21
0001700493	7697-37-2	Neodynium HNO3 1mg/mL for ICP	125	Milliliter(ML)	16-Jun-21
0001700494	7697-37-2	Neodynium HNO3 1mg/mL for ICP	125	Milliliter(ML)	16-Jun-21
0001702072	10361-79-2	PRASEODYMIUM CHLORIDE ANHYDROUS	5	Gram(GM)	16-Jun-21
0001702073	10138-41-7	ERBIUM CHLORIDE ANHYDROUS	5	Gram(GM)	16-Jun-21
0001702074	13537-18-3	THULIUM CHLORIDE ANHYDROUS	5	Gram(GM)	16-Jun-21
0001750759	-	COLLOIDAL SILICA POLISHING SUSPENSION	1	Gallon(GAL)	16-Jun-21
0001750760	-	COLLOIDAL SILICA POLISHING SUSPENSION	1	Gallon(GAL)	16-Jun-21
0001750761	-	COLLOIDAL SILICA POLISHING SUSPENSION	1	Gallon(GAL)	16-Jun-21
0001750762	-	COLLOIDAL SILICA POLISHING SUSPENSION	128	Ounces(OZ)	16-Jun-21
0001750763	-	COLLOIDAL SILICA POLISHING SUSPENSION (MASTERMET)	6	Ounces(OZ)	16-Jun-21
0001750765	-	COLLOIDAL SILICA POLISHING SUSPENSION (MASTERMET)	6	Ounces(OZ)	16-Jun-21
0001750764	-	COLLOIDAL SILICA POLISHING SUSPENSION (MASTERMET)	6	Ounces(OZ)	16-Jun-21
0001750766	-	MASTERPREP POLISHING SUSPENSION	6	Ounces(OZ)	16-Jun-21
0001750767	-	MASTERPREP POLISHING SUSPENSION	6	Ounces(OZ)	16-Jun-21
0001750768	-	MASTERPREP POLISHING SUSPENSION	6	Ounces(OZ)	16-Jun-21
0001750769	-	METADI SUPREME POLYCRYSTALLINE DIAMOND SUSPENSION 3UM	32	Ounces(OZ)	16-Jun-21
0001750770	-	METADI SUPREME POLYCRYSTALLINE DIAMOND SUSPENSION 9UM	32	Ounces(OZ)	16-Jun-21
0001750771	-	EpoKwick FC Resin	1	Gallon(GAL)	16-Jun-21
0001750772	-	EpoKwick FC Hardener	32	Ounces(OZ)	16-Jun-21
0001750773	-	EpoxyMount Hardener - Part B EpoxyMount Resin - Part A - KIT	120	Ounces(OZ)	16-Jun-21
0001750774	-	EpoxyMount Hardener - Part B EpoxyMount Resin - Part A - KIT	40	Ounces(OZ)	16-Jun-21
0001750775	-	ALLIED QUICK CURE ACRYLIC POWDER	1	Pounds(LB)	16-Jun-21
0001750776	-	EPOXY HARDENER	12	Ounces(OZ)	16-Jun-21
0001700468	7631-86-9	Dow Corning High Vacuum Grease MSDS	150	Gram(GM)	16-Jun-21
0001700479	7631-86-9	Dow Corning High Vacuum Grease MSDS	150	Gram(GM)	16-Jun-21
0001700491	7631-86-9	Dow Corning High Vacuum Grease MSDS	150	Gram(GM)	16-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001700490	7631-86-9	Dow Corning High Vacuum Grease MSDS	150	Gram(GM)	16-Jun-21
0001700489	7631-86-9	Dow Corning High Vacuum Grease MSDS	150	Gram(GM)	16-Jun-21
0001700488	7631-86-9	Dow Corning High Vacuum Grease MSDS	150	Gram(GM)	16-Jun-21
0001700487	7631-86-9	Dow Corning High Vacuum Grease MSDS	150	Gram(GM)	16-Jun-21
0001700486	7631-86-9	Dow Corning High Vacuum Grease MSDS	150	Gram(GM)	16-Jun-21
0001700485	7631-86-9	Dow Corning High Vacuum Grease MSDS	150	Gram(GM)	16-Jun-21
0001700484	7631-86-9	Dow Corning High Vacuum Grease MSDS	150	Gram(GM)	16-Jun-21
0001700483	7631-86-9	Dow Corning High Vacuum Grease MSDS	150	Gram(GM)	16-Jun-21
0001700482	7631-86-9	Dow Corning High Vacuum Grease MSDS	150	Gram(GM)	16-Jun-21
0001700469	7631-86-9	Dow Corning High Vacuum Grease MSDS	150	Gram(GM)	16-Jun-21
0001700480	7631-86-9	Dow Corning High Vacuum Grease MSDS	150	Gram(GM)	16-Jun-21
0001700478	7631-86-9	Dow Corning High Vacuum Grease MSDS	150	Gram(GM)	16-Jun-21
0001700477	7631-86-9	Dow Corning High Vacuum Grease MSDS	150	Gram(GM)	16-Jun-21
0001700476	7631-86-9	Dow Corning High Vacuum Grease MSDS	150	Gram(GM)	16-Jun-21
0001700475	7631-86-9	Dow Corning High Vacuum Grease MSDS	150	Gram(GM)	16-Jun-21
0001700474	7631-86-9	Dow Corning High Vacuum Grease MSDS	150	Gram(GM)	16-Jun-21
0001700473	7631-86-9	Dow Corning High Vacuum Grease MSDS	150	Gram(GM)	16-Jun-21
0001700472	7631-86-9	Dow Corning High Vacuum Grease MSDS	150	Gram(GM)	16-Jun-21
0001700471	7631-86-9	Dow Corning High Vacuum Grease MSDS	150	Gram(GM)	16-Jun-21
0001700470	7631-86-9	Dow Corning High Vacuum Grease MSDS	150	Gram(GM)	16-Jun-21
0001700481	7631-86-9	Dow Corning High Vacuum Grease MSDS	150	Gram(GM)	16-Jun-21
0001702519	60-29-7	ETHER ANHYDROUS	1	Liters(L)	16-Jun-21
0001700498	-	BEL-ART SCIENCEWARE SUPER GLUE	3	Gram(GM)	16-Jun-21
0001702522	60-29-7	ETHER ANHYDROUS	1	Liters(L)	16-Jun-21
0001702523	60-29-7	ETHER ANHYDROUS	1	Liters(L)	16-Jun-21
0001702521	60-29-7	ETHER ANHYDROUS	1	Liters(L)	16-Jun-21
0001702520	60-29-7	ETHER ANHYDROUS	1	Liters(L)	16-Jun-21
0001702524	60-29-7	ETHER ANHYDROUS	1	Liters(L)	16-Jun-21
0001700501	-	BEL-ART SCIENCEWARE SUPER GLUE	3	Gram(GM)	16-Jun-21
0001700500	-	BEL-ART SCIENCEWARE SUPER GLUE	3	Gram(GM)	16-Jun-21
0001700499	-	BEL-ART SCIENCEWARE SUPER GLUE	3	Gram(GM)	16-Jun-21
0001701134	75-09-2	DICHLOROMETHANE	4	Liters(L)	16-Jun-21
0001701135	75-09-2	DICHLOROMETHANE	4	Liters(L)	16-Jun-21
0001701136	75-09-2	DICHLOROMETHANE	4	Liters(L)	16-Jun-21
0001701137	75-09-2	DICHLOROMETHANE	4	Liters(L)	16-Jun-21
0001701138	7803-49-8	HYDROXYLAMINE	500	Milliliter(ML)	16-Jun-21
0001701139	67-66-3	CHLOROFORM W/PENTENE HPLC	4	Liters(L)	16-Jun-21
0001701142	67-66-3	CHLOROFORM W/PENTENE HPLC	4	Liters(L)	16-Jun-21
0001701140	67-66-3	CHLOROFORM W/PENTENE HPLC	4	Liters(L)	16-Jun-21
0001701141	67-66-3	CHLOROFORM W/PENTENE HPLC	4	Liters(L)	16-Jun-21
0001701622	-	TEVA RESIN	1	Milliliter(ML)	16-Jun-21
0001702546	7782-42-5	GRAPHITE POWDER	227	Gram(GM)	16-Jun-21
0001702547	7782-42-5	GRAPHITE POWDER	227	Gram(GM)	16-Jun-21
0001702548	7782-42-5	GRAPHITE POWDER	113	Gram(GM)	16-Jun-21
0001702549	7782-42-5	GRAPHITE POWDER	113	Gram(GM)	16-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001702555	14044-63-4	1-Amino-3-butyne	5	Gram(GM)	16-Jun-21
0001702556	14044-63-4	1-Amino-3-butyne	5	Gram(GM)	16-Jun-21
0001456781	375395-33-8	Methyltrioctylammonium bis(trifluoromethylsulfonyl)imide	250	Gram(GM)	16-Jun-21
0001456780	405514-94-5	Tributylmethylammonium bis(trifluoromethylsulfonyl)imide	100	Gram(GM)	16-Jun-21
0001702515	865-49-6	CHLOROFORM-D	100	Milliliter(ML)	16-Jun-21
0001702075	10138-62-2	HOLMIUM (III) CHLORIDE ANHYDROUS (99.9%)	5	Gram(GM)	16-Jun-21
0001590990	64-17-5	ALCOHOL USP ETHYL ALCOHOL 190 PROOF PUNCTILIOUS(R)	1	Gallon(GAL)	16-Jun-21
0001590985	64-17-5	ALCOHOL USP ETHYL ALCOHOL 190 PROOF PUNCTILIOUS	1	Gallon(GAL)	16-Jun-21
0001628604	-	Brakleen Brake Parts Cleaner - Non-chlorinated (aerosol)	14	Ounces(OZ)	16-Jun-21
0001628607	-	Brakleen Brake Parts Cleaner - Non-chlorinated (aerosol)	14	Ounces(OZ)	16-Jun-21
0001628608	-	Brakleen Brake Parts Cleaner - Non-chlorinated (aerosol)	14	Ounces(OZ)	16-Jun-21
0001628606	-	Brakleen Brake Parts Cleaner - Non-chlorinated (aerosol)	14	Ounces(OZ)	16-Jun-21
0001628605	-	Brakleen Brake Parts Cleaner - Non-chlorinated (aerosol)	14	Ounces(OZ)	16-Jun-21
0001628609	-	Brakleen Brake Parts Cleaner - Non-chlorinated (aerosol)	14	Ounces(OZ)	16-Jun-21
0001628610	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	16-Jun-21
0001628612	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	16-Jun-21
0001628611	-	LUBRIPLATE CHAIN AND CABLE FLUID	11	Ounces(OZ)	16-Jun-21
0001702077	10361-91-8	YTTERBIUM(III) CHLORIDE ANHYDROUS	5	Gram(GM)	16-Jun-21
0001702447	68855-54-9	CELITE 545	2.5	Kilograms(KG)	16-Jun-21
0001628613	-	Brakleen Brake Parts Cleaner - Non-chlorinated (aerosol)	510	Gram(GM)	16-Jun-21
0001628615	-	Brakleen Brake Parts Cleaner - Non-chlorinated (aerosol)	510	Gram(GM)	16-Jun-21
0001628614	-	Brakleen Brake Parts Cleaner - Non-chlorinated (aerosol)	510	Gram(GM)	16-Jun-21
0001628616	-	Valvoline Professional Series 75W-140 FULL SYNTHETIC GEAR OIL	1	Quarts(QT)	16-Jun-21
0001628619	-	Valvoline Professional Series 75W-140 FULL SYNTHETIC GEAR OIL	1	Quarts(QT)	16-Jun-21
0001628618	-	Valvoline Professional Series 75W-140 FULL SYNTHETIC GEAR OIL	1	Quarts(QT)	16-Jun-21
0001628617	-	Valvoline Professional Series 75W-140 FULL SYNTHETIC GEAR OIL	1	Quarts(QT)	16-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001628620	-	Valvoline HIGH PERFORMANCE SAE 75W-90 GEAR OIL	1	Quarts(QT)	16-Jun-21
0001628621	-	Valvoline HIGH PERFORMANCE SAE 75W-90 GEAR OIL	1	Quarts(QT)	16-Jun-21
0001628623	-	Valvoline HIGH PERFORMANCE SAE 75W-90 GEAR OIL	1	Quarts(QT)	16-Jun-21
0001628622	-	Valvoline HIGH PERFORMANCE SAE 75W-90 GEAR OIL	1	Quarts(QT)	16-Jun-21
0001628624	-	Valvoline HIGH PERFORMANCE SAE 75W-90 GEAR OIL	1	Quarts(QT)	16-Jun-21
0001702421	60-29-7	ETHYL ETHER	4	Liters(L)	16-Jun-21
0001628625	-	ANTI SEIZE LUBRICANT	16	Ounces(OZ)	16-Jun-21
0001702078	198-55-0	PERYLENE	5	Gram(GM)	16-Jun-21
0001702423	15710-66-4	MANGANESE(II) NITRATE HYDRATE	25	Gram(GM)	16-Jun-21
0001647188	-	AEROSOL DUST REMOVAL SYSTEM	8	Ounces(OZ)	16-Jun-21
0001647189	-	AEROSOL DUST REMOVAL SYSTEM	8	Ounces(OZ)	16-Jun-21
0001647200	-	AEROSOL DUST REMOVAL SYSTEM	8	Ounces(OZ)	16-Jun-21
0001647201	-	AEROSOL DUST REMOVAL SYSTEM	8	Ounces(OZ)	16-Jun-21
0001647190	-	AEROSOL DUST REMOVAL SYSTEM	8	Ounces(OZ)	16-Jun-21
0001647208	-	AEROSOL DUST REMOVAL SYSTEM	8	Ounces(OZ)	16-Jun-21
0001647207	-	AEROSOL DUST REMOVAL SYSTEM	8	Ounces(OZ)	16-Jun-21
0001647206	-	AEROSOL DUST REMOVAL SYSTEM	8	Ounces(OZ)	16-Jun-21
0001647205	-	AEROSOL DUST REMOVAL SYSTEM	8	Ounces(OZ)	16-Jun-21
0001647204	-	AEROSOL DUST REMOVAL SYSTEM	8	Ounces(OZ)	16-Jun-21
0001647198	-	AEROSOL DUST REMOVAL SYSTEM	8	Ounces(OZ)	16-Jun-21
0001647202	-	AEROSOL DUST REMOVAL SYSTEM	8	Ounces(OZ)	16-Jun-21
0001647191	-	AEROSOL DUST REMOVAL SYSTEM	8	Ounces(OZ)	16-Jun-21
0001647199	-	AEROSOL DUST REMOVAL SYSTEM	8	Ounces(OZ)	16-Jun-21
0001647197	-	AEROSOL DUST REMOVAL SYSTEM	8	Ounces(OZ)	16-Jun-21
0001647196	-	AEROSOL DUST REMOVAL SYSTEM	8	Ounces(OZ)	16-Jun-21
0001647195	-	AEROSOL DUST REMOVAL SYSTEM	8	Ounces(OZ)	16-Jun-21
0001647194	-	AEROSOL DUST REMOVAL SYSTEM	8	Ounces(OZ)	16-Jun-21
0001647193	-	AEROSOL DUST REMOVAL SYSTEM	8	Ounces(OZ)	16-Jun-21
0001647203	-	AEROSOL DUST REMOVAL SYSTEM	8	Ounces(OZ)	16-Jun-21
0001647192	-	AEROSOL DUST REMOVAL SYSTEM	8	Ounces(OZ)	16-Jun-21
0001702080	10025-74-8	DYSPROSIUM CHLORIDE ANHYDROUS	5	Gram(GM)	16-Jun-21
0001702516	107-15-3	ETHYLENEDIAMINE ANHYDROUS	1	Liters(L)	16-Jun-21
0001702518	5975-18-8	Tributylammonium pyrophosphate	5	Gram(GM)	16-Jun-21
0001702082	10361-92-9	YTTRIUM(III) CHLORIDE ANHYDROUS	10	Gram(GM)	16-Jun-21
0001680239	75-28-5	ISOBUTANE	150	Cubic Feet(CF)	16-Jun-21
0001680240	75-28-5	ISOBUTANE	150	Cubic Feet(CF)	16-Jun-21
0001647209	-	ABC Fiberspray	8	Ounces(OZ)	16-Jun-21
0001647210	-	ABC Fiberspray	8	Ounces(OZ)	16-Jun-21
0001680109	7440-59-7	HELIUM REFRIGERATED LIQUID (CRYOGENIC LIQUID)	93	Liters(L)	16-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001680110	-	TRIFLUOROMETHANE	40	Cubic Feet(CF)	16-Jun-21
0001680111	-	TRIFLUOROMETHANE	40	Cubic Feet(CF)	16-Jun-21
0001680112	-	SF6	45	Cubic Feet(CF)	16-Jun-21
0001680113	7727-37-9	NITROGEN GAS	40	Cubic Feet(CF)	16-Jun-21
0001680143	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680148	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680141	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680144	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680151	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680145	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680146	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680157	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680156	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680155	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680154	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680152	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680140	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680150	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680149	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680153	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680121	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680116	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680115	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680117	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680142	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680128	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680124	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680127	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680129	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680130	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680126	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680125	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680118	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680139	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680120	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680122	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680123	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680131	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680132	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680133	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680134	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680147	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680135	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680114	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680136	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001680137	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680138	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680119	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680207	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680212	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680211	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680210	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680208	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680206	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680205	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680204	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680203	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680202	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680201	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680200	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680199	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680209	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680223	7727-37-9	NITROGEN GAS	40	Cubic Feet(CF)	16-Jun-21
0001680224	7727-37-9	NITROGEN GAS	40	Cubic Feet(CF)	16-Jun-21
0001680222	7727-37-9	NITROGEN GAS	40	Cubic Feet(CF)	16-Jun-21
0001680221	7727-37-9	NITROGEN GAS	40	Cubic Feet(CF)	16-Jun-21
0001680158	-	ARGON GAS	220	Cubic Feet(CF)	16-Jun-21
0001680161	-	ARGON GAS	220	Cubic Feet(CF)	16-Jun-21
0001680162	-	ARGON GAS	220	Cubic Feet(CF)	16-Jun-21
0001680163	-	ARGON GAS	220	Cubic Feet(CF)	16-Jun-21
0001680165	-	ARGON GAS	220	Cubic Feet(CF)	16-Jun-21
0001680160	-	ARGON GAS	220	Cubic Feet(CF)	16-Jun-21
0001680159	-	ARGON GAS	220	Cubic Feet(CF)	16-Jun-21
0001680164	-	ARGON GAS	220	Cubic Feet(CF)	16-Jun-21
0001680172	-	ARGON GAS	220	Cubic Feet(CF)	16-Jun-21
0001680171	-	ARGON GAS	220	Cubic Feet(CF)	16-Jun-21
0001680170	-	ARGON GAS	220	Cubic Feet(CF)	16-Jun-21
0001680169	-	ARGON GAS	220	Cubic Feet(CF)	16-Jun-21
0001680168	-	ARGON GAS	220	Cubic Feet(CF)	16-Jun-21
0001680166	-	ARGON GAS	220	Cubic Feet(CF)	16-Jun-21
0001680167	-	ARGON GAS	220	Cubic Feet(CF)	16-Jun-21
0001680173	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	16-Jun-21
0001680198	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	16-Jun-21
0001680189	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	16-Jun-21
0001680188	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	16-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001680187	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	16-Jun-21
0001680195	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	16-Jun-21
0001680186	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	16-Jun-21
0001680185	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	16-Jun-21
0001680197	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	16-Jun-21
0001680184	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	16-Jun-21
0001680196	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	16-Jun-21
0001680194	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	16-Jun-21
0001680193	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	16-Jun-21
0001680192	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	16-Jun-21
0001680191	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	16-Jun-21
0001680190	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	16-Jun-21
0001680183	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	16-Jun-21
0001680182	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	16-Jun-21
0001680180	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	16-Jun-21
0001680179	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	16-Jun-21
0001680178	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	16-Jun-21
0001680177	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	16-Jun-21
0001680176	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	16-Jun-21
0001680175	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	16-Jun-21
0001680174	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	16-Jun-21
0001680181	-	10% Methane/90% Argon aka/P-10 P-10 (220 cf)	220	Cubic Feet(CF)	16-Jun-21
0001680213	-	HYDROGEN GAS	220	Cubic Feet(CF)	16-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001680217	-	HYDROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680214	-	HYDROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680215	-	HYDROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680216	-	HYDROGEN GAS	220	Cubic Feet(CF)	16-Jun-21
0001680218	74-98-6	PROPANE	11	Gallon(GAL)	16-Jun-21
0001680220	74-98-6	PROPANE	11	Gallon(GAL)	16-Jun-21
0001680219	74-98-6	PROPANE	11	Gallon(GAL)	16-Jun-21
0001680225	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	16-Jun-21
0001680229	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	16-Jun-21
0001680228	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	16-Jun-21
0001680227	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	16-Jun-21
0001680226	74-86-2	ACETYLENE STABILIZED	40	Cubic Feet(CF)	16-Jun-21
0001680235	74-86-2	ACETYLENE STABILIZED	10	Cubic Feet(CF)	16-Jun-21
0001680230	74-86-2	ACETYLENE STABILIZED	10	Cubic Feet(CF)	16-Jun-21
0001680238	74-86-2	ACETYLENE STABILIZED	10	Cubic Feet(CF)	16-Jun-21
0001680237	74-86-2	ACETYLENE STABILIZED	10	Cubic Feet(CF)	16-Jun-21
0001680236	74-86-2	ACETYLENE STABILIZED	10	Cubic Feet(CF)	16-Jun-21
0001680234	74-86-2	ACETYLENE STABILIZED	10	Cubic Feet(CF)	16-Jun-21
0001680233	74-86-2	ACETYLENE STABILIZED	10	Cubic Feet(CF)	16-Jun-21
0001680232	74-86-2	ACETYLENE STABILIZED	10	Cubic Feet(CF)	16-Jun-21
0001680231	74-86-2	ACETYLENE STABILIZED	10	Cubic Feet(CF)	16-Jun-21
0001647211	-	INVERTED MARKING PAINT RED	17	Ounces(OZ)	16-Jun-21
0001647213	-	INVERTED MARKING PAINT RED	17	Ounces(OZ)	16-Jun-21
0001647214	-	INVERTED MARKING PAINT RED	17	Ounces(OZ)	16-Jun-21
0001647212	-	INVERTED MARKING PAINT RED	17	Ounces(OZ)	16-Jun-21
0001647215	-	WHITE INVERTED MARKING PA	17	Ounces(OZ)	16-Jun-21
0001647216	-	WHITE INVERTED MARKING PA	17	Ounces(OZ)	16-Jun-21
0001647219	-	WHITE INVERTED MARKING PA	17	Ounces(OZ)	16-Jun-21
0001647217	-	WHITE INVERTED MARKING PA	17	Ounces(OZ)	16-Jun-21
0001647218	-	WHITE INVERTED MARKING PA	17	Ounces(OZ)	16-Jun-21
0001647220	-	BLUE INVERTED MARKING PAI	17	Ounces(OZ)	16-Jun-21
0001647221	-	BLUE INVERTED MARKING PAI	17	Ounces(OZ)	16-Jun-21
0001647222	-	BLUE INVERTED MARKING PAI	17	Ounces(OZ)	16-Jun-21
0001647223	-	BLUE INVERTED MARKING PAI	17	Ounces(OZ)	16-Jun-21
0001702083	504-29-0	2-AMINOPYRIDINE	25	Gram(GM)	16-Jun-21
0001647224	-	GREEN INVERTED MARKING PAINT	17	Ounces(OZ)	16-Jun-21
0001647227	-	GREEN INVERTED MARKING PAINT	17	Ounces(OZ)	16-Jun-21
0001647226	-	GREEN INVERTED MARKING PAINT	17	Ounces(OZ)	16-Jun-21
0001647225	-	GREEN INVERTED MARKING PAINT	17	Ounces(OZ)	16-Jun-21
0001647228	-	INVERTED MARKING PAINT ORANGE	17	Ounces(OZ)	16-Jun-21
0001702084	120-12-7	ANTHRACENE	25	Gram(GM)	16-Jun-21
0001647230	-	INVERTED MARKING PAINT ORANGE	17	Ounces(OZ)	16-Jun-21
0001647229	-	INVERTED MARKING PAINT ORANGE	17	Ounces(OZ)	16-Jun-21
0001647231	-	INVERTED MARKING PAINT ORANGE	17	Ounces(OZ)	16-Jun-21
0001701631	-	TEVA RESIN	1	Milliliter(ML)	16-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001701628	-	TEVA RESIN	1	Milliliter(ML)	16-Jun-21
0001701627	-	TEVA RESIN	1	Milliliter(ML)	16-Jun-21
0001701624	-	TEVA RESIN	1	Milliliter(ML)	16-Jun-21
0001701625	-	TEVA RESIN	1	Milliliter(ML)	16-Jun-21
0001701630	-	TEVA RESIN	1	Milliliter(ML)	16-Jun-21
0001701623	-	TEVA RESIN	1	Milliliter(ML)	16-Jun-21
0001701629	-	TEVA RESIN	1	Milliliter(ML)	16-Jun-21
0001701626	-	TEVA RESIN	1	Milliliter(ML)	16-Jun-21
0001701632	-	Eichrom UTEVA Resin Eichrom UTEVA Resin Cartridge	1	Milliliter(ML)	16-Jun-21
0001701640	-	Eichrom UTEVA Resin Eichrom UTEVA Resin Cartridge	1	Milliliter(ML)	16-Jun-21
0001701639	-	Eichrom UTEVA Resin Eichrom UTEVA Resin Cartridge	1	Milliliter(ML)	16-Jun-21
0001701641	-	Eichrom UTEVA Resin Eichrom UTEVA Resin Cartridge	1	Milliliter(ML)	16-Jun-21
0001701637	-	Eichrom UTEVA Resin Eichrom UTEVA Resin Cartridge	1	Milliliter(ML)	16-Jun-21
0001701638	-	Eichrom UTEVA Resin Eichrom UTEVA Resin Cartridge	1	Milliliter(ML)	16-Jun-21
0001701635	-	Eichrom UTEVA Resin Eichrom UTEVA Resin Cartridge	1	Milliliter(ML)	16-Jun-21
0001701636	-	Eichrom UTEVA Resin Eichrom UTEVA Resin Cartridge	1	Milliliter(ML)	16-Jun-21
0001701634	-	Eichrom UTEVA Resin Eichrom UTEVA Resin Cartridge	1	Milliliter(ML)	16-Jun-21
0001701633	-	Eichrom UTEVA Resin Eichrom UTEVA Resin Cartridge	1	Milliliter(ML)	16-Jun-21
0001702588	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702646	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702645	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702643	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702655	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702642	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702644	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702656	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702641	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702662	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702661	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702660	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702659	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702653	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702657	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702647	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702654	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001702652	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702651	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702650	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702649	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702648	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702658	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702590	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702610	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702609	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702608	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702607	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702606	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702605	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702633	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702604	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702603	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702602	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702630	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702589	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702613	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702600	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702599	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702598	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702597	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702596	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702595	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702594	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702593	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702592	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702591	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702601	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702624	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702639	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702638	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702637	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702636	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702634	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702632	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702631	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702629	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702628	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702627	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702611	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702625	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702612	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001702623	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702622	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702621	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702620	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702619	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702618	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702617	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702616	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702615	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702614	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702640	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702626	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001702635	-	AngstromBond 9110LV	2.5	Gram(GM)	16-Jun-21
0001700495	-	RESIN FK-800	1	Kilograms(KG)	17-Jun-21
0001701143	100-46-9	BENZYLAMINE 99%	100	Gram(GM)	17-Jun-21
0001701144	59865-13-3	CYCLOSPORIN A	1	Milliliter(ML)	17-Jun-21
0001701617	144-62-7	OXALIC ACID	50	Gram(GM)	17-Jun-21
0001701618	-	L ASCORBIC ACID	500	Gram(GM)	17-Jun-21
0001701620	7782-61-8	IRON (III) NITRATE	500	Gram(GM)	17-Jun-21
0001701621	5329-14-6	SULFAMIC ACID	250	Gram(GM)	17-Jun-21
0001700496	-	TUNGSTEN FOIL	2	Gram(GM)	17-Jun-21
0001700497	-	TUNGSTEN FOIL	2	Gram(GM)	17-Jun-21
0001702583	104934-50-1	POLY(3-HEXYLTHIOPHENE-2 5-DIYL)	1	Gram(GM)	17-Jun-21
0001702584	1333317-99-9	PTAA; Poly(triarylamine)	1	Gram(GM)	17-Jun-21
0001702585	1333317-99-9	PTAA; Poly(triarylamine)	1	Gram(GM)	17-Jun-21
0001702586	-	Poly(3 4-ethylenedioxythiophene)-poly(styrenesulfonate) dry redispersible pellets	100	Milliliter(ML)	17-Jun-21
0001702587	-	Poly(3 4-ethylenedioxythiophene)-poly(styrenesulfonate) dry redispersible pellets	100	Milliliter(ML)	17-Jun-21
0001702735	9002-13-5	UREASE	25	Milliliter(ML)	17-Jun-21
0001702736	-	Paraformaldehyde 4% in PBS	250	Milliliter(ML)	17-Jun-21
0001702737	374-41-4	3 3 4 4 4-Pentafluorobutan-2-one 95%	5	Gram(GM)	17-Jun-21
0001702738	7440-00-8	NEODYMIUM ICP STANDARD SOLUTION	100	Milliliter(ML)	17-Jun-21
0001647334	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647355	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647357	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647358	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647359	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647356	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647354	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647360	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647367	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647366	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001647386	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647387	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647388	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647389	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647390	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647391	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647352	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647380	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647378	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647377	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647376	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647375	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647374	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647373	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647372	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647371	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647370	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647364	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647368	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647361	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647381	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647382	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647383	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647384	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647385	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647351	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647379	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647365	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647363	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647362	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647369	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647342	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647348	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647347	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647346	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647349	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647345	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647350	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647343	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647341	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647335	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647392	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647344	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647353	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647340	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001647336	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647337	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647338	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647339	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647393	-	Shell Rotella T3 15W-40	1	Gallon(GAL)	17-Jun-21
0001647254	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647259	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647260	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647255	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647256	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647257	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647270	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647273	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647258	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647271	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647269	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647268	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647267	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647265	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647264	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647263	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647262	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647261	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647266	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647272	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647274	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647280	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647331	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647279	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647333	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647278	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647277	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647275	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647283	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647282	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647276	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647297	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647332	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647308	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647307	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647306	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647305	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647304	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647281	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647303	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001647302	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647301	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647300	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647310	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647298	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647311	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647296	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647295	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647294	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647285	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647286	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647287	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647288	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647289	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647290	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647291	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647292	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647293	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647299	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647319	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647330	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647329	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647328	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647327	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647326	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647325	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647324	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647323	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647322	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647309	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647320	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647284	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647318	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647317	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647316	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647315	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647314	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647313	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647312	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647321	-	JOHNSEN'S DE-ICER AEROSOL	10	Ounces(OZ)	17-Jun-21
0001647232	-	HY-GARD TRANSMISSION AND	5	Gallon(GAL)	17-Jun-21
0001647233	-	HYDRAULIC FLUID	5	Gallon(GAL)	17-Jun-21
0001647235	-	HYDRAULIC FLUID	5	Gallon(GAL)	17-Jun-21
0001647234	-	HYDRAULIC FLUID	5	Gallon(GAL)	17-Jun-21
0001647237	-	HYDRAULIC FLUID	5	Gallon(GAL)	17-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001647236	-	HYDRAULIC FLUID	5	Gallon(GAL)	17-Jun-21
0001630667	-	XIM Primer White 400	1	Gallon(GAL)	18-Jun-21
0001630671	-	XIM Primer White 400	1	Gallon(GAL)	18-Jun-21
0001630684	-	XIM Primer White 400	1	Gallon(GAL)	18-Jun-21
0001630668	-	XIM Primer White 400	1	Gallon(GAL)	18-Jun-21
0001630683	-	XIM Primer White 400	1	Gallon(GAL)	18-Jun-21
0001630670	-	XIM Primer White 400	1	Gallon(GAL)	18-Jun-21
0001630672	-	XIM Primer White 400	1	Gallon(GAL)	18-Jun-21
0001630673	-	XIM Primer White 400	1	Gallon(GAL)	18-Jun-21
0001630674	-	XIM Primer White 400	1	Gallon(GAL)	18-Jun-21
0001630675	-	XIM Primer White 400	1	Gallon(GAL)	18-Jun-21
0001630677	-	XIM Primer White 400	1	Gallon(GAL)	18-Jun-21
0001630678	-	XIM Primer White 400	1	Gallon(GAL)	18-Jun-21
0001630679	-	XIM Primer White 400	1	Gallon(GAL)	18-Jun-21
0001630680	-	XIM Primer White 400	1	Gallon(GAL)	18-Jun-21
0001630681	-	XIM Primer White 400	1	Gallon(GAL)	18-Jun-21
0001630682	-	XIM Primer White 400	1	Gallon(GAL)	18-Jun-21
0001630676	-	XIM Primer White 400	1	Gallon(GAL)	18-Jun-21
0001630669	-	XIM Primer White 400	1	Gallon(GAL)	18-Jun-21
V000008698	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	18-Jun-21
V000008693	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	18-Jun-21
V000008694	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	18-Jun-21
V000008695	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	18-Jun-21
V000008696	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	18-Jun-21
V000008697	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	18-Jun-21
V000008692	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	18-Jun-21
V000008699	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	18-Jun-21
V00000869A	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	18-Jun-21
V00000869B	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	18-Jun-21
V00000869C	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	18-Jun-21
V00000869D	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	18-Jun-21
V000008691	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	18-Jun-21
V00000868D	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	18-Jun-21
V00000869E	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	18-Jun-21
V000008683	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	18-Jun-21
V000008676	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	18-Jun-21
V000008677	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	18-Jun-21
V000008678	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	18-Jun-21
V000008679	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	18-Jun-21
V00000867A	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	18-Jun-21
V00000867B	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	18-Jun-21
V00000867C	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	18-Jun-21
V00000867D	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	18-Jun-21
V00000867E	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	18-Jun-21
V00000867F	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	18-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000008680	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	18-Jun-21
V00000868F	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	18-Jun-21
V000008682	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	18-Jun-21
V000008690	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	18-Jun-21
V000008684	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	18-Jun-21
V000008685	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	18-Jun-21
V000008686	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	18-Jun-21
V000008687	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	18-Jun-21
V000008688	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	18-Jun-21
V000008689	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	18-Jun-21
V00000868A	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	18-Jun-21
V00000868B	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	18-Jun-21
V00000868C	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	18-Jun-21
V00000868E	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	18-Jun-21
V000008681	-	CRYSTAL WINDSHIELD WASHER -25	1	Gallon(GAL)	18-Jun-21
V0000086A4	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	18-Jun-21
V0000086AF	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	18-Jun-21
V0000086B0	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	18-Jun-21
V0000086A7	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	18-Jun-21
V0000086A6	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	18-Jun-21
V0000086AE	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	18-Jun-21
V0000086A9	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	18-Jun-21
V0000086AA	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	18-Jun-21
V0000086AB	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	18-Jun-21
V0000086A8	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	18-Jun-21
V0000086A5	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	18-Jun-21
V00000869F	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	18-Jun-21
V0000086AD	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	18-Jun-21
V0000086A2	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	18-Jun-21
V0000086AC	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	18-Jun-21
V0000086A1	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	18-Jun-21
V0000086A0	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	18-Jun-21
V0000086A3	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	18-Jun-21
V0000086DE	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086DD	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086DC	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086DB	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086D9	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V0000086D8	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086DF	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086E4	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086D7	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086B8	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086DA	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086EB	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086F6	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086F5	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086F4	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086F3	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086F2	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086F1	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086EF	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086E2	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086EC	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086E0	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086EA	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086E9	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086E8	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086E7	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086E6	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V0000086E5	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086E3	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086E1	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086ED	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086F0	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086C1	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086C0	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086BF	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086BE	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086BD	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086BC	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086BB	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086BA	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086B9	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086C4	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086B7	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086B6	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086B5	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086B4	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086B3	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086B2	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086B1	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V0000086F7	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086CC	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086D5	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086D4	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086D3	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086D2	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086D1	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086D0	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086CF	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086C2	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086CD	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086C3	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086CB	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086CA	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086C9	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086C8	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086C7	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086C6	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086C5	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086D6	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086CE	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086EE	-	Parts Plus SAE 5W-30 SYNTHETIC BLEND PP3470 MOTOR OIL	1	Quarts(QT)	18-Jun-21
V000008713	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	18-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V0000086FD	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086FC	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086FB	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086FA	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086F9	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086F8	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086FE	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	18-Jun-21
V000008712	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	18-Jun-21
V000008714	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	18-Jun-21
V000008715	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	18-Jun-21
V000008717	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	18-Jun-21
V000008718	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	18-Jun-21
V000008710	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	18-Jun-21
V000008719	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	18-Jun-21
V000008711	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	18-Jun-21
V00000870B	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	18-Jun-21
V000008716	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	18-Jun-21
V0000086FF	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	18-Jun-21
V00000870F	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	18-Jun-21
V00000870E	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	18-Jun-21
V00000870D	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	18-Jun-21
V00000870C	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	18-Jun-21
V00000870A	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	18-Jun-21
V000008709	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	18-Jun-21
V000008702	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	18-Jun-21
V000008700	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	18-Jun-21
V000008701	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	18-Jun-21
V000008708	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	18-Jun-21
V000008703	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	18-Jun-21
V000008704	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	18-Jun-21
V000008705	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	18-Jun-21
V000008706	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	18-Jun-21
V000008707	-	Parts Plus SAE 5W-20 SYNTHETIC MOTOR OIL	1	Quarts(QT)	18-Jun-21
0001569875	-	SAE 0W-20 Synthetic Motor Oil	1	Quarts(QT)	18-Jun-21
0001569876	-	SAE 0W-20 Synthetic Motor Oil	1	Quarts(QT)	18-Jun-21
0001569885	-	SAE 0W-20 Synthetic Motor Oil	1	Quarts(QT)	18-Jun-21
0001569883	-	SAE 0W-20 Synthetic Motor Oil	1	Quarts(QT)	18-Jun-21
0001569882	-	SAE 0W-20 Synthetic Motor Oil	1	Quarts(QT)	18-Jun-21
0001569881	-	SAE 0W-20 Synthetic Motor Oil	1	Quarts(QT)	18-Jun-21
0001569880	-	SAE 0W-20 Synthetic Motor Oil	1	Quarts(QT)	18-Jun-21
0001569879	-	SAE 0W-20 Synthetic Motor Oil	1	Quarts(QT)	18-Jun-21
0001569877	-	SAE 0W-20 Synthetic Motor Oil	1	Quarts(QT)	18-Jun-21
0001569886	-	SAE 0W-20 Synthetic Motor Oil	1	Quarts(QT)	18-Jun-21
0001569878	-	SAE 0W-20 Synthetic Motor Oil	1	Quarts(QT)	18-Jun-21
0001569884	-	SAE 0W-20 Synthetic Motor Oil	1	Quarts(QT)	18-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001569887	-	SAE 0W-20 Synthetic Motor Oil	1	Quarts(QT)	18-Jun-21
0001569888	-	SAE 0W-20 Synthetic Motor Oil	1	Quarts(QT)	18-Jun-21
0001569889	-	SAE 0W-20 Synthetic Motor Oil	1	Quarts(QT)	18-Jun-21
0001569890	-	SAE 0W-20 Synthetic Motor Oil	1	Quarts(QT)	18-Jun-21
0001569891	-	SAE 0W-20 Synthetic Motor Oil	1	Quarts(QT)	18-Jun-21
0001569892	-	SAE 0W-20 Synthetic Motor Oil	1	Quarts(QT)	18-Jun-21
0001569893	-	SAE 0W-20 Synthetic Motor Oil	1	Quarts(QT)	18-Jun-21
0001569894	-	SAE 0W-20 Synthetic Motor Oil	1	Quarts(QT)	18-Jun-21
0001569895	-	SAE 0W-20 Synthetic Motor Oil	1	Quarts(QT)	18-Jun-21
0001569896	-	SAE 0W-20 Synthetic Motor Oil	1	Quarts(QT)	18-Jun-21
V000008738	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	18-Jun-21
V000008743	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	18-Jun-21
V00000872F	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	18-Jun-21
V000008730	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	18-Jun-21
V000008732	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	18-Jun-21
V000008733	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	18-Jun-21
V000008734	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	18-Jun-21
V000008735	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	18-Jun-21
V000008736	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	18-Jun-21
V000008737	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	18-Jun-21
V000008731	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	18-Jun-21
V000008739	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	18-Jun-21
V00000873A	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	18-Jun-21
V00000873B	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	18-Jun-21
V00000873C	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	18-Jun-21
V00000873D	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	18-Jun-21
V00000873E	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	18-Jun-21
V00000873F	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	18-Jun-21
V000008740	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	18-Jun-21
V000008742	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	18-Jun-21
V00000872E	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	18-Jun-21
V00000872B	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	18-Jun-21
V000008741	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	18-Jun-21
V00000871F	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	18-Jun-21
V00000872D	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	18-Jun-21
V00000872C	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	18-Jun-21
V00000871A	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	18-Jun-21
V00000871B	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	18-Jun-21
V00000871C	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	18-Jun-21
V00000871E	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	18-Jun-21
V000008720	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	18-Jun-21
V000008721	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	18-Jun-21
V000008722	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	18-Jun-21
V000008723	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	18-Jun-21
V000008724	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	18-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000008726	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	18-Jun-21
V000008727	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	18-Jun-21
V000008728	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	18-Jun-21
V00000871D	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	18-Jun-21
V000008725	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	18-Jun-21
V00000872A	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	18-Jun-21
V000008729	-	PARTS PLUS SAE 5W-30 PREMIUM MOTOR OIL	1	Quarts(QT)	18-Jun-21
V000008760	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V000008754	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V00000875D	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V00000875C	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V00000875F	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V00000875A	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V000008761	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V000008762	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V000008763	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V00000875E	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V000008755	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V000008778	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V000008779	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V000008756	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V000008764	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V000008757	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V00000876F	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V000008758	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V000008759	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V00000875B	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V000008770	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V000008753	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V000008746	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V000008774	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V000008775	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V000008776	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V000008777	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V000008773	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V00000876D	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V000008771	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V000008765	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V00000876E	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V00000876C	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V00000876B	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V00000876A	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V000008769	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V000008768	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V000008767	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V000008766	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V000008772	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V000008752	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V000008744	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V000008745	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V000008747	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V00000877A	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V000008749	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V00000874A	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V00000874B	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V00000874C	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V00000874D	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V00000874E	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V00000874F	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V000008750	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V000008748	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V000008751	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V00000877B	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V00000877C	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
V00000877D	-	Parts Plus SAE 15W-40 Motor Oil	1	Quarts(QT)	18-Jun-21
0001569897	-	Parts Plus Conventional Green 50/50 Prediluted Antifreeze Coolant	1	Gallon(GAL)	18-Jun-21
V000008782	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	18-Jun-21
V00000878D	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	18-Jun-21
V00000877E	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	18-Jun-21
V00000877F	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	18-Jun-21
V00000878C	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	18-Jun-21
V000008781	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	18-Jun-21
V000008789	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	18-Jun-21
V000008783	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	18-Jun-21
V000008784	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	18-Jun-21
V000008785	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	18-Jun-21
V00000878A	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	18-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V00000878B	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	18-Jun-21
V000008780	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	18-Jun-21
V000008786	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	18-Jun-21
V000008788	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	18-Jun-21
V000008787	-	Zerex HD Extended Life 50/50 Antifreeze Coolant	1	Gallon(GAL)	18-Jun-21
0001569901	-	Bobcat All Season Hydraulic-Hydrostatic Fluid	5	Gallon(GAL)	18-Jun-21
0001569902	-	Parts Plus Type F ATF	1	Quarts(QT)	18-Jun-21
0001569903	-	PARTS PLUS HD SAE 30 PREMIUM MOTOR OIL PP3371	1	Quarts(QT)	18-Jun-21
0001570161	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570150	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570143	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570144	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570159	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570145	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570146	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570147	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570148	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570149	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570142	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570151	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570152	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570153	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570154	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570155	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570156	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570158	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570160	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570086	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570157	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570094	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570102	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570084	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570085	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570087	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570089	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570090	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570091	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570082	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570093	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001570081	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570095	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570096	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570097	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570098	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570099	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570100	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570088	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570092	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570073	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570064	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570065	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570066	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570067	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570068	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570069	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570070	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570083	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570072	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570103	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570074	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570075	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570076	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570077	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570078	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570079	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570080	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570071	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570133	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570101	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570125	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570126	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570127	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570128	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570129	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570130	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570123	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570132	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570122	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570134	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570135	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570136	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570137	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570138	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570139	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001570140	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570131	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570113	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570104	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570105	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570106	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570107	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570108	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570109	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570110	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570124	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570112	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570141	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570114	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570115	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570116	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570117	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570118	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570119	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570120	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570121	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570111	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570164	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570165	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570163	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570167	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570168	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570169	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570170	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570166	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001570162	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	21-Jun-21
0001579502	-	BROMICIDE TABLETS	5	Gallon(GAL)	21-Jun-21
0001579510	-	BROMICIDE TABLETS	5	Gallon(GAL)	21-Jun-21
0001579517	-	BROMICIDE TABLETS	5	Gallon(GAL)	21-Jun-21
0001579516	-	BROMICIDE TABLETS	5	Gallon(GAL)	21-Jun-21
0001579515	-	BROMICIDE TABLETS	5	Gallon(GAL)	21-Jun-21
0001579514	-	BROMICIDE TABLETS	5	Gallon(GAL)	21-Jun-21
0001579513	-	BROMICIDE TABLETS	5	Gallon(GAL)	21-Jun-21
0001579511	-	BROMICIDE TABLETS	5	Gallon(GAL)	21-Jun-21
0001579520	-	BROMICIDE TABLETS	5	Gallon(GAL)	21-Jun-21
0001579509	-	BROMICIDE TABLETS	5	Gallon(GAL)	21-Jun-21
0001579508	-	BROMICIDE TABLETS	5	Gallon(GAL)	21-Jun-21
0001579507	-	BROMICIDE TABLETS	5	Gallon(GAL)	21-Jun-21
0001579506	-	BROMICIDE TABLETS	5	Gallon(GAL)	21-Jun-21
0001579505	-	BROMICIDE TABLETS	5	Gallon(GAL)	21-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001579504	-	BROMICIDE TABLETS	5	Gallon(GAL)	21-Jun-21
0001579503	-	BROMICIDE TABLETS	5	Gallon(GAL)	21-Jun-21
0001579512	-	BROMICIDE TABLETS	5	Gallon(GAL)	21-Jun-21
0001579533	-	BROMICIDE TABLETS	5	Gallon(GAL)	21-Jun-21
0001579530	-	BROMICIDE TABLETS	5	Gallon(GAL)	21-Jun-21
0001579532	-	BROMICIDE TABLETS	5	Gallon(GAL)	21-Jun-21
0001579528	-	BROMICIDE TABLETS	5	Gallon(GAL)	21-Jun-21
0001579526	-	BROMICIDE TABLETS	5	Gallon(GAL)	21-Jun-21
0001579525	-	BROMICIDE TABLETS	5	Gallon(GAL)	21-Jun-21
0001579524	-	BROMICIDE TABLETS	5	Gallon(GAL)	21-Jun-21
0001579518	-	BROMICIDE TABLETS	5	Gallon(GAL)	21-Jun-21
0001579522	-	BROMICIDE TABLETS	5	Gallon(GAL)	21-Jun-21
0001579519	-	BROMICIDE TABLETS	5	Gallon(GAL)	21-Jun-21
0001579534	-	BROMICIDE TABLETS	5	Gallon(GAL)	21-Jun-21
0001579535	-	BROMICIDE TABLETS	5	Gallon(GAL)	21-Jun-21
0001579536	-	BROMICIDE TABLETS	5	Gallon(GAL)	21-Jun-21
0001579527	-	BROMICIDE TABLETS	5	Gallon(GAL)	21-Jun-21
0001579537	-	BROMICIDE TABLETS	5	Gallon(GAL)	21-Jun-21
0001579521	-	BROMICIDE TABLETS	5	Gallon(GAL)	21-Jun-21
0001579531	-	BROMICIDE TABLETS	5	Gallon(GAL)	21-Jun-21
0001579523	-	BROMICIDE TABLETS	5	Gallon(GAL)	21-Jun-21
0001579529	-	BROMICIDE TABLETS	5	Gallon(GAL)	21-Jun-21
0001702881	67-63-0	ISOPROPYL ALCOHOL (2-PROPANOL)	4	Liters(L)	21-Jun-21
0001702085	989-38-8	RHODAMINE 6G CHLORIDE	25	Gram(GM)	21-Jun-21
V00000878E	-	SULLUBE COMPRESSOR FLUID	5	Gallon(GAL)	21-Jun-21
0001702880	67-63-0	ISOPROPYL ALCOHOL (2-PROPANOL)	4	Liters(L)	21-Jun-21
0001702879	67-63-0	ISOPROPYL ALCOHOL (2-PROPANOL)	4	Liters(L)	21-Jun-21
0001702882	67-63-0	ISOPROPYL ALCOHOL (2-PROPANOL)	4	Liters(L)	21-Jun-21
0001702086	129-00-0	PYRENE	25	Gram(GM)	21-Jun-21
0001702089	7697-37-2	Nitric acid 67-69% Optima for Ultra traces analysis	1	Liters(L)	21-Jun-21
0001702090	7647-01-0	HYDROCHLORIC ACID OPTIMA-34%	1	Liters(L)	21-Jun-21
0001702091	7664-39-3	HYDROFLUORIC ACID OPTIMA	500	Milliliter(ML)	21-Jun-21
0001702092	7664-39-3	HYDROFLUORIC ACID OPTIMA	500	Milliliter(ML)	21-Jun-21
0001702093	7664-39-3	HYDROFLUORIC ACID OPTIMA	500	Milliliter(ML)	21-Jun-21
0001647243	-	JOHNSEN'S PREMIUM DOT 3 BRAKE FLUID 1 GALLON	1	Gallon(GAL)	21-Jun-21
0001647250	-	JOHNSEN'S PREMIUM DOT 3 BRAKE FLUID 1 GALLON	1	Gallon(GAL)	21-Jun-21
0001647253	-	JOHNSEN'S PREMIUM DOT 3 BRAKE FLUID 1 GALLON	1	Gallon(GAL)	21-Jun-21
0001647251	-	JOHNSEN'S PREMIUM DOT 3 BRAKE FLUID 1 GALLON	1	Gallon(GAL)	21-Jun-21
0001647249	-	JOHNSEN'S PREMIUM DOT 3 BRAKE FLUID 1 GALLON	1	Gallon(GAL)	21-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001647248	-	JOHNSEN'S PREMIUM DOT 3 BRAKE FLUID 1 GALLON	1	Gallon(GAL)	21-Jun-21
0001647247	-	JOHNSEN'S PREMIUM DOT 3 BRAKE FLUID 1 GALLON	1	Gallon(GAL)	21-Jun-21
0001647246	-	JOHNSEN'S PREMIUM DOT 3 BRAKE FLUID 1 GALLON	1	Gallon(GAL)	21-Jun-21
0001647245	-	JOHNSEN'S PREMIUM DOT 3 BRAKE FLUID 1 GALLON	1	Gallon(GAL)	21-Jun-21
0001647244	-	JOHNSEN'S PREMIUM DOT 3 BRAKE FLUID 1 GALLON	1	Gallon(GAL)	21-Jun-21
0001647252	-	JOHNSEN'S PREMIUM DOT 3 BRAKE FLUID 1 GALLON	1	Gallon(GAL)	21-Jun-21
0001702100	98-13-5	PHENYLTRICHLOROSILANE	500	Gram(GM)	21-Jun-21
0001702106	12007-60-2	LITHIUM TETRABORATE	1	Kilograms(KG)	22-Jun-21
0001702108	12007-60-2	LITHIUM TETRABORATE	1	Kilograms(KG)	22-Jun-21
0001702107	12007-60-2	LITHIUM TETRABORATE	1	Kilograms(KG)	22-Jun-21
0001702109	12007-60-2	LITHIUM TETRABORATE	1	Kilograms(KG)	22-Jun-21
0001680366	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	22-Jun-21
0001680377	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	22-Jun-21
0001680379	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	22-Jun-21
0001680375	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	22-Jun-21
0001680367	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	22-Jun-21
0001680380	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	22-Jun-21
0001680378	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	22-Jun-21
0001680376	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	22-Jun-21
0001680374	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	22-Jun-21
0001680373	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	22-Jun-21
0001680372	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	22-Jun-21
0001680371	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	22-Jun-21
0001680370	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	22-Jun-21
0001680369	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	22-Jun-21
0001680368	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	22-Jun-21
0001680381	74-98-6	PROPANE	11	Gallon(GAL)	22-Jun-21
0001680382	74-98-6	PROPANE	11	Gallon(GAL)	22-Jun-21
0001680383	74-98-6	PROPANE	11	Gallon(GAL)	22-Jun-21
0001680384	74-98-6	PROPANE	11	Gallon(GAL)	22-Jun-21
0001680385	74-98-6	PROPANE	5	Gallon(GAL)	22-Jun-21
0001680386	74-98-6	PROPANE	5	Gallon(GAL)	22-Jun-21
0001680241	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	22-Jun-21
0001680242	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	22-Jun-21
0001680243	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	22-Jun-21
0001680244	-	Helium Carbon Dioxide	40	Cubic Feet(CF)	22-Jun-21
0001680246	-	Helium Carbon Dioxide	40	Cubic Feet(CF)	22-Jun-21
0001680245	-	Helium Carbon Dioxide	40	Cubic Feet(CF)	22-Jun-21
0001680247	-	ARGON GAS	220	Cubic Feet(CF)	22-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001680254	-	ARGON GAS	220	Cubic Feet(CF)	22-Jun-21
0001680266	-	ARGON GAS	220	Cubic Feet(CF)	22-Jun-21
0001680265	-	ARGON GAS	220	Cubic Feet(CF)	22-Jun-21
0001680264	-	ARGON GAS	220	Cubic Feet(CF)	22-Jun-21
0001680263	-	ARGON GAS	220	Cubic Feet(CF)	22-Jun-21
0001680262	-	ARGON GAS	220	Cubic Feet(CF)	22-Jun-21
0001680261	-	ARGON GAS	220	Cubic Feet(CF)	22-Jun-21
0001680260	-	ARGON GAS	220	Cubic Feet(CF)	22-Jun-21
0001680259	-	ARGON GAS	220	Cubic Feet(CF)	22-Jun-21
0001680258	-	ARGON GAS	220	Cubic Feet(CF)	22-Jun-21
0001680257	-	ARGON GAS	220	Cubic Feet(CF)	22-Jun-21
0001680253	-	ARGON GAS	220	Cubic Feet(CF)	22-Jun-21
0001680252	-	ARGON GAS	220	Cubic Feet(CF)	22-Jun-21
0001680251	-	ARGON GAS	220	Cubic Feet(CF)	22-Jun-21
0001680250	-	ARGON GAS	220	Cubic Feet(CF)	22-Jun-21
0001680249	-	ARGON GAS	220	Cubic Feet(CF)	22-Jun-21
0001680248	-	ARGON GAS	220	Cubic Feet(CF)	22-Jun-21
0001680267	-	ARGON GAS	220	Cubic Feet(CF)	22-Jun-21
0001680256	-	ARGON GAS	220	Cubic Feet(CF)	22-Jun-21
0001680268	-	ARGON GAS	220	Cubic Feet(CF)	22-Jun-21
0001680269	-	ARGON GAS	220	Cubic Feet(CF)	22-Jun-21
0001680270	-	ARGON GAS	220	Cubic Feet(CF)	22-Jun-21
0001680271	-	ARGON GAS	220	Cubic Feet(CF)	22-Jun-21
0001680272	-	ARGON GAS	220	Cubic Feet(CF)	22-Jun-21
0001680273	-	ARGON GAS	220	Cubic Feet(CF)	22-Jun-21
0001680274	-	ARGON GAS	220	Cubic Feet(CF)	22-Jun-21
0001680275	-	ARGON GAS	220	Cubic Feet(CF)	22-Jun-21
0001680276	-	ARGON GAS	220	Cubic Feet(CF)	22-Jun-21
0001680255	-	ARGON GAS	220	Cubic Feet(CF)	22-Jun-21
0001680277	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	22-Jun-21
0001680285	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	22-Jun-21
0001680284	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	22-Jun-21
0001680283	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	22-Jun-21
0001680282	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	22-Jun-21
0001680281	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	22-Jun-21
0001680280	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	22-Jun-21
0001680278	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	22-Jun-21
0001680279	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	22-Jun-21
0001680286	-	Compressed Air	220	Cubic Feet(CF)	22-Jun-21
0001680290	-	Compressed Air	220	Cubic Feet(CF)	22-Jun-21
0001680287	-	Compressed Air	220	Cubic Feet(CF)	22-Jun-21
0001680288	-	Compressed Air	220	Cubic Feet(CF)	22-Jun-21
0001680289	-	Compressed Air	220	Cubic Feet(CF)	22-Jun-21
0001680291	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680345	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001680334	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680335	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680336	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680337	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680338	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680339	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680340	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680343	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680333	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680346	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680347	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680348	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680349	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680350	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680342	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680341	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680344	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680299	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680331	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680308	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680306	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680305	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680304	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680303	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680302	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680301	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680330	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680292	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680332	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680298	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680297	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680296	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680295	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680294	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680293	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680309	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680300	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680318	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680310	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680311	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680312	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680313	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680314	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680315	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680307	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001680317	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680329	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680319	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680327	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680321	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680322	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680323	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680324	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680325	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680326	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680320	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680316	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680328	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	22-Jun-21
0001680351	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	22-Jun-21
0001680360	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	22-Jun-21
0001680361	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	22-Jun-21
0001680362	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	22-Jun-21
0001680364	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	22-Jun-21
0001680359	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	22-Jun-21
0001680363	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	22-Jun-21
0001680357	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	22-Jun-21
0001680356	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	22-Jun-21
0001680355	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	22-Jun-21
0001680354	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	22-Jun-21
0001680353	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	22-Jun-21
0001680352	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	22-Jun-21
0001680365	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	22-Jun-21
0001680358	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	22-Jun-21
0001040675	7727-37-9	NITROGEN COMPRESSED GAS	220	Cubic Feet(CF)	22-Jun-21
0001702064	36945-08-1	n-Butylammonium iodide	25	Gram(GM)	22-Jun-21
0001701612	7664-38-2	PHOSPHORIC ACID (ORTHOPHOSPHORIC ACID)	10000	Milliliter(ML)	22-Jun-21
0001702065	36945-08-1	n-Butylammonium iodide	25	Gram(GM)	22-Jun-21
0001702060	1333317-99-9	PTAA; Poly(triarylamine)	1	Gram(GM)	22-Jun-21
0001702250	64-17-5	ETHANOL 200 PROOF	4	Gallon(GAL)	22-Jun-21
0001702252	64-17-5	ETHANOL 200 PROOF	4	Gallon(GAL)	22-Jun-21
0001702253	64-17-5	ETHANOL 200 PROOF	4	Gallon(GAL)	22-Jun-21
0001702251	64-17-5	ETHANOL 200 PROOF	4	Gallon(GAL)	22-Jun-21
0001700908	-	KRYLON DECORATOR Spray Paints Acrylic Crystal Clear #K01301A07	11	Ounces(OZ)	22-Jun-21
0001700915	-	KRYLON DECORATOR Spray Paints Acrylic Crystal Clear #K01301A07	11	Ounces(OZ)	22-Jun-21
0001700919	-	KRYLON DECORATOR Spray Paints Acrylic Crystal Clear #K01301A07	11	Ounces(OZ)	22-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001700918	-	KRYLON DECORATOR Spray Paints Acrylic Crystal Clear #K01301A07	11	Ounces(OZ)	22-Jun-21
0001700917	-	KRYLON DECORATOR Spray Paints Acrylic Crystal Clear #K01301A07	11	Ounces(OZ)	22-Jun-21
0001700916	-	KRYLON DECORATOR Spray Paints Acrylic Crystal Clear #K01301A07	11	Ounces(OZ)	22-Jun-21
0001700914	-	KRYLON DECORATOR Spray Paints Acrylic Crystal Clear #K01301A07	11	Ounces(OZ)	22-Jun-21
0001700913	-	KRYLON DECORATOR Spray Paints Acrylic Crystal Clear #K01301A07	11	Ounces(OZ)	22-Jun-21
0001700912	-	KRYLON DECORATOR Spray Paints Acrylic Crystal Clear #K01301A07	11	Ounces(OZ)	22-Jun-21
0001700911	-	KRYLON DECORATOR Spray Paints Acrylic Crystal Clear #K01301A07	11	Ounces(OZ)	22-Jun-21
0001700910	-	KRYLON DECORATOR Spray Paints Acrylic Crystal Clear #K01301A07	11	Ounces(OZ)	22-Jun-21
0001700909	-	KRYLON DECORATOR Spray Paints Acrylic Crystal Clear #K01301A07	11	Ounces(OZ)	22-Jun-21
0001702057	-	BENZENE (13C6 99%; D6 98%)	25	Gram(GM)	22-Jun-21
0001702387	79069-50-4	Boc-L-alanine aldehyde	1	Gram(GM)	22-Jun-21
0000924585	-	THREAD LOCKER LOCTITE 242	0.34	Ounces(OZ)	22-Jun-21
0000924586	-	THREAD LOCKER LOCTITE 242	0.34	Ounces(OZ)	22-Jun-21
0000924591	-	THREAD LOCKER LOCTITE 242	0.34	Ounces(OZ)	22-Jun-21
0000924592	-	THREAD LOCKER LOCTITE 242	0.34	Ounces(OZ)	22-Jun-21
0001702254	107-83-5	HEXANE MIXTURE OF ISOMERS	4	Liters(L)	22-Jun-21
0001702256	107-83-5	HEXANE MIXTURE OF ISOMERS	4	Liters(L)	22-Jun-21
0001702255	107-83-5	HEXANE MIXTURE OF ISOMERS	4	Liters(L)	22-Jun-21
0001702257	107-83-5	HEXANE MIXTURE OF ISOMERS	4	Liters(L)	22-Jun-21
0001701896	26628-22-8	Agencourt AMPure XP	60	Milliliter(ML)	22-Jun-21
0001701123	-	Buehler Conductive Filler / SDS# 9112601	2	Pounds(LB)	22-Jun-21
0001702383	67-68-5	Vybrant DyeCycle Orange Stain	400	Microliter	22-Jun-21
0001702397	38771-21-0	4-Bromo-1-butyne	25	Gram(GM)	22-Jun-21
0001702422	-	Isopropylmagnesium chloride solution	100	Milliliter(ML)	22-Jun-21
0001541883	9003-01-4	AQUEOUS POLYACRYLIC ACID SOLUTION	250	Milliliter(ML)	22-Jun-21
0001541885	9003-01-4	POLYACRYLIC ACID	5	Gram(GM)	22-Jun-21
0001541884	9003-01-4	POLYACRYLIC ACID	5	Gram(GM)	22-Jun-21
0001541886	-	SYLGARD 184 SILICONE ELASTOMER	5	Gram(GM)	22-Jun-21
0001702478	134695-74-2	TRIMETHYL(2 3 4 5-TETRAMETHYL-2 4-CYCLOPENTADIEN-1-YL)SILANE	5	Milliliter(ML)	22-Jun-21
0001702528	126213-50-1	3 4-Ethylenedioxythiophene	10	Gram(GM)	22-Jun-21
0001702529	25114-58-3	INDIUM (III) ACETATE	10	Gram(GM)	22-Jun-21
0001702739	-	1000 ug/ml Calcium	30	Milliliter(ML)	23-Jun-21
0001702740	-	1000 ug/ml Chromium	30	Milliliter(ML)	23-Jun-21
0001702741	123-99-9	AZELAIC ACID	100	Milligram(MG)	23-Jun-21
0001702742	-	BARCO BOND EPOXY KIT MB-165	4	Ounces(OZ)	23-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V0000087AB	-	ARDEX FEATHER FINISH	10	Pounds(LB)	23-Jun-21
V0000087A9	-	ARDEX FEATHER FINISH	10	Pounds(LB)	23-Jun-21
V0000087A8	-	ARDEX FEATHER FINISH	10	Pounds(LB)	23-Jun-21
V0000087A7	-	ARDEX FEATHER FINISH	10	Pounds(LB)	23-Jun-21
V0000087A6	-	ARDEX FEATHER FINISH	10	Pounds(LB)	23-Jun-21
V0000087A5	-	ARDEX FEATHER FINISH	10	Pounds(LB)	23-Jun-21
V0000087A4	-	ARDEX FEATHER FINISH	10	Pounds(LB)	23-Jun-21
V0000087A3	-	ARDEX FEATHER FINISH	10	Pounds(LB)	23-Jun-21
V0000087AE	-	ARDEX FEATHER FINISH	10	Pounds(LB)	23-Jun-21
V0000087AC	-	ARDEX FEATHER FINISH	10	Pounds(LB)	23-Jun-21
V0000087B1	-	ARDEX FEATHER FINISH	10	Pounds(LB)	23-Jun-21
V0000087AD	-	ARDEX FEATHER FINISH	10	Pounds(LB)	23-Jun-21
V0000087AF	-	ARDEX FEATHER FINISH	10	Pounds(LB)	23-Jun-21
V0000087B0	-	ARDEX FEATHER FINISH	10	Pounds(LB)	23-Jun-21
V0000087AA	-	ARDEX FEATHER FINISH	10	Pounds(LB)	23-Jun-21
V0000087A2	-	ARDEX FEATHER FINISH	10	Pounds(LB)	23-Jun-21
0001569904	-	ARDEX K 15	55	Pounds(LB)	23-Jun-21
0001569905	-	ARDEX K 15	55	Pounds(LB)	23-Jun-21
0001569906	-	ARDEX K 15	55	Pounds(LB)	23-Jun-21
0001569913	-	ARDEX K 15	55	Pounds(LB)	23-Jun-21
0001569912	-	ARDEX K 15	55	Pounds(LB)	23-Jun-21
0001569907	-	ARDEX K 15	55	Pounds(LB)	23-Jun-21
0001569908	-	ARDEX K 15	55	Pounds(LB)	23-Jun-21
0001569909	-	ARDEX K 15	55	Pounds(LB)	23-Jun-21
0001569911	-	ARDEX K 15	55	Pounds(LB)	23-Jun-21
0001569910	-	ARDEX K 15	55	Pounds(LB)	23-Jun-21
0001569914	-	SHAW 4100	4	Gallon(GAL)	23-Jun-21
0001569915	-	SHAW 4100	4	Gallon(GAL)	23-Jun-21
0001569916	-	Gerfix TPS+	4	Gallon(GAL)	23-Jun-21
0001569917	-	Gerfix TPS+	4	Gallon(GAL)	23-Jun-21
V0000087B4	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	23-Jun-21
V0000087B2	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	23-Jun-21
V0000087B3	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	23-Jun-21
V0000087B5	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	23-Jun-21
V0000087B6	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	23-Jun-21
V0000087B7	-	Valvoline MOTOR OIL SAE 15W-40 MOTOR OIL	1	Gallon(GAL)	23-Jun-21
0001569918	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	23-Jun-21
0001569919	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	23-Jun-21
0001569920	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	23-Jun-21
0001569921	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	23-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001569922	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	23-Jun-21
V0000087B8	-	Avalon Premium 100% Acrylic Interior Satin N/B	1	Gallon(GAL)	23-Jun-21
V0000087B9	-	Avalon Premium 100% Acrylic Interior Satin N/B	1	Gallon(GAL)	23-Jun-21
V0000087BA	-	Avalon Premium 100% Acrylic Interior Satin N/B	1	Gallon(GAL)	23-Jun-21
V0000087BB	-	Avalon Premium 100% Acrylic Interior Satin N/B	1	Gallon(GAL)	23-Jun-21
0001569923	-	Finium DTM-AT S/G Acrylic W/B	1	Gallon(GAL)	23-Jun-21
0001569925	-	Finium DTM-AT S/G Acrylic W/B	1	Gallon(GAL)	23-Jun-21
0001569924	-	Finium DTM-AT S/G Acrylic W/B	1	Gallon(GAL)	23-Jun-21
V0000087BC	-	Avalon Premium 100% Acrylic Interior Satin M/B	1	Gallon(GAL)	23-Jun-21
V0000087BE	-	Avalon Premium 100% Acrylic Interior Satin M/B	1	Gallon(GAL)	23-Jun-21
V0000087BF	-	Avalon Premium 100% Acrylic Interior Satin M/B	1	Gallon(GAL)	23-Jun-21
V0000087BD	-	Avalon Premium 100% Acrylic Interior Satin M/B	1	Gallon(GAL)	23-Jun-21
0001702094	60-29-7	ETHYL ETHER ANHYDROUS	500	Milliliter(ML)	23-Jun-21
0001702098	60-29-7	ETHYL ETHER ANHYDROUS	500	Milliliter(ML)	23-Jun-21
0001702097	60-29-7	ETHYL ETHER ANHYDROUS	500	Milliliter(ML)	23-Jun-21
0001702095	60-29-7	ETHYL ETHER ANHYDROUS	500	Milliliter(ML)	23-Jun-21
0001702099	60-29-7	ETHYL ETHER ANHYDROUS	500	Milliliter(ML)	23-Jun-21
0001702096	60-29-7	ETHYL ETHER ANHYDROUS	500	Milliliter(ML)	23-Jun-21
V0000087C2	-	BIN PRIMER SEALER	1	Gallon(GAL)	23-Jun-21
V0000087C1	-	BIN PRIMER SEALER	1	Gallon(GAL)	23-Jun-21
V0000087C0	-	BIN PRIMER SEALER	1	Gallon(GAL)	23-Jun-21
V0000087C3	-	BIN PRIMER SEALER	1	Gallon(GAL)	23-Jun-21
V0000087C4	-	BIN PRIMER SEALER	1	Gallon(GAL)	23-Jun-21
0001569926	-	Masters Armor Gloss	1	Gallon(GAL)	23-Jun-21
0001569928	-	Masters Armor Gloss	1	Gallon(GAL)	23-Jun-21
0001569929	-	Masters Armor Gloss	1	Gallon(GAL)	23-Jun-21
0001569927	-	Masters Armor Gloss	1	Gallon(GAL)	23-Jun-21
0001569930	-	SANDING SEALER	1	Gallon(GAL)	23-Jun-21
0001569931	-	SANDING SEALER	1	Gallon(GAL)	23-Jun-21
0001569932	-	SANDING SEALER	1	Gallon(GAL)	23-Jun-21
0001569933	-	SANDING SEALER	1	Gallon(GAL)	23-Jun-21
0001702101	67-63-0	2-PROPANOL	4	Liters(L)	23-Jun-21
0001702104	67-63-0	2-PROPANOL	4	Liters(L)	23-Jun-21
0001702103	67-63-0	2-PROPANOL	4	Liters(L)	23-Jun-21
0001702102	67-63-0	2-PROPANOL	4	Liters(L)	23-Jun-21
0001702105	67-63-0	2-PROPONAL	4	Liters(L)	23-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001647394	-	Quikrete Commercial Grade Blacktop Patch	50	Pounds(LB)	23-Jun-21
0001647395	-	Quikrete Commercial Grade Blacktop Patch	50	Pounds(LB)	23-Jun-21
0001647396	-	Quikrete Commercial Grade Blacktop Patch	50	Pounds(LB)	23-Jun-21
0001647238	64742-54-7	John Deere Plus-50 II Premium Engine Oil	1	Gallon(GAL)	23-Jun-21
0001647239	64742-54-7	John Deere Plus-50 II Premium Engine Oil	1	Gallon(GAL)	23-Jun-21
0001647240	64742-54-7	John Deere Plus-50 II Premium Engine Oil	1	Gallon(GAL)	23-Jun-21
0001647242	64742-54-7	John Deere Plus-50 II Premium Engine Oil	2.5	Gallon(GAL)	23-Jun-21
0001647241	64742-54-7	John Deere Plus-50 II Premium Engine Oil	2.5	Gallon(GAL)	23-Jun-21
0001569934	-	XIM 400W WHITE PRIMER SEALER BONDER	1	Gallon(GAL)	23-Jun-21
0001569935	-	XIM 400W WHITE PRIMER SEALER BONDER	1	Gallon(GAL)	23-Jun-21
0001569936	-	XIM 400W WHITE PRIMER SEALER BONDER	1	Gallon(GAL)	23-Jun-21
0001569937	-	XIM 400W WHITE PRIMER SEALER BONDER	1	Gallon(GAL)	23-Jun-21
0001569938	-	POLYURETHANE COATING	1	Gallon(GAL)	23-Jun-21
0001569939	-	POLYURETHANE COATING	1	Gallon(GAL)	23-Jun-21
0001569940	-	PSX 700A CLEAR COAT CURE	0.17	Gallon(GAL)	23-Jun-21
0001569941	-	PSX 700A CLEAR COAT CURE	0.17	Gallon(GAL)	23-Jun-21
0001569942	-	PSX 700A Clear Coat Resin	0.83	Gallon(GAL)	23-Jun-21
0001569943	-	PSX 700A Clear Coat Resin	0.83	Gallon(GAL)	23-Jun-21
0001569944	-	AEON 9000 SP LUBRICANT	5	Gallon(GAL)	23-Jun-21
0001569945	-	AEON 9000 SP LUBRICANT	5	Gallon(GAL)	23-Jun-21
V0000087CE	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	23-Jun-21
V0000087C7	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	23-Jun-21
V0000087E8	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	23-Jun-21
V0000087C8	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	23-Jun-21
V0000087E6	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	23-Jun-21
V0000087C9	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	23-Jun-21
V0000087CA	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	23-Jun-21
V0000087E0	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	23-Jun-21
V0000087CC	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	23-Jun-21
V0000087E3	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	23-Jun-21
V0000087E2	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	23-Jun-21
V0000087D8	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	23-Jun-21
V0000087D9	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	23-Jun-21
V0000087C6	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	23-Jun-21
V0000087E1	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	23-Jun-21
V0000087E5	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	23-Jun-21
V0000087DF	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	23-Jun-21
V0000087DE	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	23-Jun-21
V0000087DD	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	23-Jun-21
V0000087DC	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	23-Jun-21
V0000087DB	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	23-Jun-21
V0000087C5	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	23-Jun-21
V0000087DA	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	23-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
V0000087D3	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	23-Jun-21
V0000087CD	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	23-Jun-21
V0000087E7	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	23-Jun-21
V0000087CF	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	23-Jun-21
V0000087D0	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	23-Jun-21
V0000087E4	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	23-Jun-21
V0000087D2	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	23-Jun-21
V0000087CB	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	23-Jun-21
V0000087D4	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	23-Jun-21
V0000087D5	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	23-Jun-21
V0000087D6	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	23-Jun-21
V0000087D7	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	23-Jun-21
V0000087D1	-	BIG STRETCH CAULK	10.5	Ounces(OZ)	23-Jun-21
0001647397	-	HH-66 VINYL CEMENT	30	Ounces(OZ)	23-Jun-21
0001702124	7647-14-5	SOLDIUM CHLORIDE	50	Gram(GM)	23-Jun-21
0001702125	7647-17-8	CESIUM CHLORIDE	25	Gram(GM)	23-Jun-21
0001702126	7647-17-8	CESIUM CHLORIDE	25	Gram(GM)	23-Jun-21
0001702127	2623-33-8	4-ACETOXYACETANILIDE	5	Gram(GM)	23-Jun-21
0001702754	-	DOW CORNING 3-6559 CURE ACCELERATOR	45	Kilograms(KG)	23-Jun-21
0001702755	7647-14-5	OmniPur Sodium Chloride	500	Gram(GM)	23-Jun-21
0001702770	6066-82-6	N-HYDROXYSUCCINIMIDE	25	Gram(GM)	23-Jun-21
0001702771	530-62-1	1 1-CARBONYLDIIMIDAZOLE	10	Gram(GM)	23-Jun-21
0001702772	-	6-AMINOCHRYSENE	250	Gram(GM)	23-Jun-21
0001702773	1849-36-1	4-NITROBENZENETHIOL	5	Gram(GM)	23-Jun-21
0001701145	63148-58-3	SILICONE OIL	3.7	Kilograms(KG)	23-Jun-21
0001701898	-	Hocut 8640	55	Gallon(GAL)	23-Jun-21
0001702778	109-99-9	TETRAHYDROFURAN ANHYDROUS	1	Liters(L)	23-Jun-21
0001702785	-	3M Scotchcast Electrical Resin 226 Part B	39.2	Pounds(LB)	23-Jun-21
0001702128	-	Super Friendly Air'It Super Friendly Freeze-It	11	Ounces(OZ)	23-Jun-21
0001702129	-	Super Friendly Air'It Super Friendly Freeze-It	11	Ounces(OZ)	23-Jun-21
0001702130	-	Super Friendly Air'It Super Friendly Freeze-It	11	Ounces(OZ)	23-Jun-21
0001702131	-	Super Friendly Air'It Super Friendly Freeze-It	11	Ounces(OZ)	23-Jun-21
0001702132	-	Super Friendly Air'It Super Friendly Freeze-It	11	Ounces(OZ)	23-Jun-21
0001702133	-	Super Friendly Air'It Super Friendly Freeze-It	11	Ounces(OZ)	23-Jun-21
0001702751	-	BARCO BOND EPOXY KIT MB-165	4	Ounces(OZ)	23-Jun-21
0001702743	-	BARCO BOND EPOXY KIT MB-165	4	Ounces(OZ)	23-Jun-21
0001702744	-	BARCO BOND EPOXY KIT MB-165	4	Ounces(OZ)	23-Jun-21
0001702745	-	BARCO BOND EPOXY KIT MB-165	4	Ounces(OZ)	23-Jun-21
0001702746	-	BARCO BOND EPOXY KIT MB-165	4	Ounces(OZ)	23-Jun-21
0001702747	-	BARCO BOND EPOXY KIT MB-165	4	Ounces(OZ)	23-Jun-21
0001702748	-	BARCO BOND EPOXY KIT MB-165	4	Ounces(OZ)	23-Jun-21
0001702750	-	BARCO BOND EPOXY KIT MB-165	4	Ounces(OZ)	23-Jun-21
0001702752	-	BARCO BOND EPOXY KIT MB-165	4	Ounces(OZ)	23-Jun-21
0001702753	-	BARCO BOND EPOXY KIT MB-165	4	Ounces(OZ)	23-Jun-21
0001702749	-	BARCO BOND EPOXY KIT MB-165	4	Ounces(OZ)	23-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001702781	109-99-9	TETRAHYDROFURAN ANHYDROUS	1	Liters(L)	23-Jun-21
0001702783	109-99-9	TETRAHYDROFURAN ANHYDROUS	1	Liters(L)	23-Jun-21
0001702782	109-99-9	TETRAHYDROFURAN ANHYDROUS	1	Liters(L)	23-Jun-21
0001702780	109-99-9	TETRAHYDROFURAN ANHYDROUS	1	Liters(L)	23-Jun-21
0001702779	109-99-9	TETRAHYDROFURAN ANHYDROUS	1	Liters(L)	23-Jun-21
0001700756	-	Platinum Nominally 50% Ruthenium Nominally 25% On High Surface Area Advanced Carbon Support	5	Gram(GM)	23-Jun-21
0001701146	-	sulfosalicylic acid	500	Milliliter(ML)	23-Jun-21
0001701147	-	sulfosalicylic acid	500	Milliliter(ML)	23-Jun-21
0001702788	-	HYDRANAL-Coulomat Oil	500	Milliliter(ML)	23-Jun-21
0001702791	-	HYDRANAL-Coulomat Oil	500	Milliliter(ML)	23-Jun-21
0001702792	-	HYDRANAL-Coulomat Oil	500	Milliliter(ML)	23-Jun-21
0001702793	-	HYDRANAL-Coulomat Oil	500	Milliliter(ML)	23-Jun-21
0001702790	-	HYDRANAL-Coulomat Oil	500	Milliliter(ML)	23-Jun-21
0001702789	-	HYDRANAL-Coulomat Oil	500	Milliliter(ML)	23-Jun-21
0001702794	-	NEODYMIUM PLASMA STANDARD	500	Milliliter(ML)	23-Jun-21
0001702795	-	NEODYMIUM PLASMA STANDARD	500	Milliliter(ML)	23-Jun-21
0001702796	8042-47-5	HYDRANAL Water Standard Oil	80	Milliliter(ML)	23-Jun-21
0001702797	8042-47-5	HYDRANAL Water Standard Oil	80	Milliliter(ML)	23-Jun-21
0001702798	108-90-7	CHLOROBENZENE	1	Liters(L)	23-Jun-21
0001628626	-	Chem-Dip Carburetor & Parts Cleaner	0.75	Gallon(GAL)	23-Jun-21
0001700902	7647-01-0	HYDROCHLORIC ACID OPTIMA-34%	1	Liters(L)	23-Jun-21
0001700903	7647-01-0	HYDROCHLORIC ACID OPTIMA-34%	1	Liters(L)	23-Jun-21
0001700904	7647-01-0	HYDROCHLORIC ACID OPTIMA-34%	1	Liters(L)	23-Jun-21
0001700906	7647-01-0	HYDROCHLORIC ACID OPTIMA-34%	1	Liters(L)	23-Jun-21
0001700905	7647-01-0	HYDROCHLORIC ACID OPTIMA-34%	1	Liters(L)	23-Jun-21
0001700907	7647-01-0	HYDROCHLORIC ACID OPTIMA-34%	1	Liters(L)	23-Jun-21
0001702799	7440-25-7	TANTALUM WIRE	1	Gram(GM)	23-Jun-21
0001702800	7758-02-3	POTASSIUM BROMIDE	100	Gram(GM)	23-Jun-21
0001701993	75365-73-0	METHYL VIOLOGEN DICHLORIDE HYDRATE	1	Gram(GM)	23-Jun-21
0001701996	75365-73-0	METHYL VIOLOGEN DICHLORIDE HYDRATE	1	Gram(GM)	23-Jun-21
0001701997	75365-73-0	METHYL VIOLOGEN DICHLORIDE HYDRATE	1	Gram(GM)	23-Jun-21
0001701994	75365-73-0	METHYL VIOLOGEN DICHLORIDE HYDRATE	1	Gram(GM)	23-Jun-21
0001701995	75365-73-0	METHYL VIOLOGEN DICHLORIDE HYDRATE	1	Gram(GM)	23-Jun-21
0001702811	-	MULTI-ELEMENT QC-7 CHECK STANDARD SOLUTION	100	Milliliter(ML)	23-Jun-21
0001702816	7632-00-0	SODIUM NITRITE	25	Gram(GM)	23-Jun-21
0001702817	7440-53-1	EUROPIUM	1	Gram(GM)	23-Jun-21
0001702810	-	SYLGARD 184 SILICONE ELASTOMER KIT (BASE information is below)	3.9	Kilograms(KG)	23-Jun-21
0001701907	7697-37-2	NITRIC ACID	2	Liters(L)	23-Jun-21
0001701909	7697-37-2	NITRIC ACID	2	Liters(L)	23-Jun-21
0001701910	7697-37-2	NITRIC ACID	2	Liters(L)	23-Jun-21
0001701911	7697-37-2	NITRIC ACID	2	Liters(L)	23-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001701912	7697-37-2	NITRIC ACID	2	Liters(L)	23-Jun-21
0001701913	7697-37-2	NITRIC ACID	2	Liters(L)	23-Jun-21
0001701914	7697-37-2	NITRIC ACID	2	Liters(L)	23-Jun-21
0001701915	7697-37-2	NITRIC ACID	2	Liters(L)	23-Jun-21
0001701908	7697-37-2	NITRIC ACID	2	Liters(L)	23-Jun-21
0001702812	-	Rubidium plasma standard solution Specpure RB 10 000 ug/ml	50	Milliliter(ML)	24-Jun-21
0001700502	7697-37-2	NITRIC ACID	500	Milliliter(ML)	24-Jun-21
0001701148	26780-50-7	Resomer RG 752 H; Poly(D L-lactide-co-glycolide)	5	Gram(GM)	24-Jun-21
0001701149	16940-66-2	SODIUM BOROHYDRIDE	100	Gram(GM)	24-Jun-21
0001701899	-	Mineral Spirits Odorless	1	Gallon(GAL)	24-Jun-21
0001701900	-	Mineral Spirits Odorless	1	Gallon(GAL)	24-Jun-21
0001701901	-	Mineral Spirits Odorless	1	Gallon(GAL)	24-Jun-21
0001701902	-	Mineral Spirits Odorless	1	Gallon(GAL)	24-Jun-21
0001458559	-	KRYTOX PERFORMANCE LUBRICANT	57	Gram(GM)	24-Jun-21
0001702029	1310-73-2	SODIUM HYDROXIDE	500	Gram(GM)	24-Jun-21
0001702030	1310-73-2	SODIUM HYDROXIDE	500	Gram(GM)	24-Jun-21
0001702663	75-37-6	Dust-Off Compressed Gas Duster	11	Ounces(OZ)	24-Jun-21
0001702483	7697-37-2	NITRIC ACID 70%	2.5	Liters(L)	24-Jun-21
0001702486	7697-37-2	NITRIC ACID 70%	2.5	Liters(L)	24-Jun-21
0001702484	7697-37-2	NITRIC ACID 70%	2.5	Liters(L)	24-Jun-21
0001702485	7697-37-2	NITRIC ACID 70%	2.5	Liters(L)	24-Jun-21
0001702669	75-37-6	Dust-Off Compressed Gas Duster	11	Ounces(OZ)	24-Jun-21
0001702664	75-37-6	Dust-Off Compressed Gas Duster	11	Ounces(OZ)	24-Jun-21
0001702666	75-37-6	Dust-Off Compressed Gas Duster	11	Ounces(OZ)	24-Jun-21
0001702667	75-37-6	Dust-Off Compressed Gas Duster	11	Ounces(OZ)	24-Jun-21
0001702668	75-37-6	Dust-Off Compressed Gas Duster	11	Ounces(OZ)	24-Jun-21
0001702671	75-37-6	Dust-Off Compressed Gas Duster	11	Ounces(OZ)	24-Jun-21
0001702672	75-37-6	Dust-Off Compressed Gas Duster	11	Ounces(OZ)	24-Jun-21
0001702673	75-37-6	Dust-Off Compressed Gas Duster	11	Ounces(OZ)	24-Jun-21
0001702674	75-37-6	Dust-Off Compressed Gas Duster	11	Ounces(OZ)	24-Jun-21
0001702670	75-37-6	Dust-Off Compressed Gas Duster	11	Ounces(OZ)	24-Jun-21
0001702665	75-37-6	Dust-Off Compressed Gas Duster	11	Ounces(OZ)	24-Jun-21
0001702675	1321-74-0	DIVINYLBENZENE	250	Milliliter(ML)	24-Jun-21
0001702676	1321-74-0	DIVINYLBENZENE	250	Milliliter(ML)	24-Jun-21
0001702677	-	Sparkleen 1	1	Kilograms(KG)	24-Jun-21
0001702410	-	ALEXA FLUOR 532 CARBOXYLIC ACID SUCCINIMIDYL ESTER	5	Milliliter(ML)	24-Jun-21
0001702411	-	ALEXA FLUOR 532 CARBOXYLIC ACID SUCCINIMIDYL ESTER	5	Milliliter(ML)	24-Jun-21
0001701126	-	BUEHLER RELEASE AGENT	4	Ounces(OZ)	24-Jun-21
0001702031	-	N N-DIMETHYLFORMAMIDE ANHYDROUS 99.8%	1	Liters(L)	24-Jun-21
0001702033	112-60-7	tetraethylene glycol	1	Kilograms(KG)	24-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001702034	112-60-7	TETRAETHYLENE GLYCOL	1	Kilograms(KG)	24-Jun-21
0001423434	-	DUCT SEALER	1	Pounds(LB)	24-Jun-21
0001423441	-	DUCT SEALER	1	Pounds(LB)	24-Jun-21
0001423436	-	DUCT SEALER	1	Pounds(LB)	24-Jun-21
0001423439	-	DUCT SEALER	1	Pounds(LB)	24-Jun-21
0001423440	-	DUCT SEALER	1	Pounds(LB)	24-Jun-21
0001423437	-	DUCT SEALER	1	Pounds(LB)	24-Jun-21
0001423435	-	DUCT SEALER	1	Pounds(LB)	24-Jun-21
0001423438	-	DUCT SEALER	1	Pounds(LB)	24-Jun-21
0001702035	50-00-0	FORMALDEHYDE	25	Milliliter(ML)	24-Jun-21
0001702036	50-00-0	FORMALDEHYDE	25	Milliliter(ML)	24-Jun-21
0001702038	50-00-0	FORMALDEHYDE	25	Milliliter(ML)	24-Jun-21
0001702037	50-00-0	FORMALDEHYDE	25	Milliliter(ML)	24-Jun-21
0001702039	-	Ethyl Acetate Reagent ACS	1	Liters(L)	24-Jun-21
0001702040	5743-04-4	CADMIUM ACETATE DIHYDRATE	100	Gram(GM)	24-Jun-21
0001647398	-	MOBILUX EP-1	13.7	Ounces(OZ)	24-Jun-21
0001647399	-	MOBILUX EP-1	13.7	Ounces(OZ)	24-Jun-21
0001647400	-	MOBILUX EP-1	13.7	Ounces(OZ)	24-Jun-21
0001647401	-	CHAIN LUBE	11	Ounces(OZ)	24-Jun-21
0001647403	-	CHAIN LUBE	11	Ounces(OZ)	24-Jun-21
0001647402	-	CHAIN LUBE	11	Ounces(OZ)	24-Jun-21
0001702678	-	VeriSpec Molybdenum Standard for ICP 10 g/L in 5% HNO3/HF	100	Milliliter(ML)	25-Jun-21
0001702679	-	VeriSpec Niobium (Nb) Standard for AAS 1000 ppm in 5% HNO3/1% HF	100	Milliliter(ML)	25-Jun-21
0001702680	141-78-6	ETHYL ACETATE	4	Liters(L)	25-Jun-21
0001702682	141-78-6	ETHYL ACETATE	4	Liters(L)	25-Jun-21
0001702681	141-78-6	ETHYL ACETATE	4	Liters(L)	25-Jun-21
0001702683	141-78-6	ETHYL ACETATE	4	Liters(L)	25-Jun-21
0001702684	7782-40-3	Diamond Powder	50	Gram(GM)	25-Jun-21
0001702685	7782-40-3	Diamond Powder	50	Gram(GM)	25-Jun-21
0001702756	530-48-3	1 1-DIPHENYLETHYLENE	10	Gram(GM)	25-Jun-21
0001702757	369-34-6	3 4-Difluoronitrobenzene	10	Gram(GM)	25-Jun-21
0001702758	7757-82-6	SODIUM SULFATE ANHYDROUS POWDER	500	Gram(GM)	25-Jun-21
0001702759	7757-82-6	SODIUM SULFATE ANHYDROUS POWDER	500	Gram(GM)	25-Jun-21
0001702767	7757-82-6	SODIUM SULFATE ANHYDROUS POWDER	500	Gram(GM)	25-Jun-21
0001702766	7757-82-6	SODIUM SULFATE ANHYDROUS POWDER	500	Gram(GM)	25-Jun-21
0001702765	7757-82-6	SODIUM SULFATE ANHYDROUS POWDER	500	Gram(GM)	25-Jun-21
0001702764	7757-82-6	SODIUM SULFATE ANHYDROUS POWDER	500	Gram(GM)	25-Jun-21
0001702763	7757-82-6	SODIUM SULFATE ANHYDROUS POWDER	500	Gram(GM)	25-Jun-21
0001702762	7757-82-6	SODIUM SULFATE ANHYDROUS POWDER	500	Gram(GM)	25-Jun-21
0001702768	7757-82-6	SODIUM SULFATE ANHYDROUS POWDER	500	Gram(GM)	25-Jun-21
0001702760	7757-82-6	SODIUM SULFATE ANHYDROUS POWDER	500	Gram(GM)	25-Jun-21
0001702769	7757-82-6	SODIUM SULFATE ANHYDROUS POWDER	500	Gram(GM)	25-Jun-21
0001702761	7757-82-6	SODIUM SULFATE ANHYDROUS POWDER	500	Gram(GM)	25-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001702774	64-17-5	ALCOHOL REAGENT	1	Liters(L)	25-Jun-21
0001702776	64-17-5	ALCOHOL REAGENT	1	Liters(L)	25-Jun-21
0001702775	64-17-5	ALCOHOL REAGENT	1	Liters(L)	25-Jun-21
0001702777	64-17-5	ALCOHOL REAGENT	1	Liters(L)	25-Jun-21
0001702784	98-09-9	BENZENESULFONYL CHLORIDE	100	Gram(GM)	25-Jun-21
0001702801	98-51-1	4-tert-Butyltoluene	25	Milliliter(ML)	25-Jun-21
0001702802	1263-89-4	Paromomycin sulfate salt	5	Gram(GM)	25-Jun-21
0001702803	-	DEVCON 5 MINUTE EPOXY AMBER	25	Milliliter(ML)	25-Jun-21
0001702805	-	DEVCON 5 MINUTE EPOXY AMBER	25	Milliliter(ML)	25-Jun-21
0001702806	-	DEVCON 5 MINUTE EPOXY AMBER	25	Milliliter(ML)	25-Jun-21
0001702804	-	DEVCON 5 MINUTE EPOXY AMBER	25	Milliliter(ML)	25-Jun-21
0001702807	-	DEVCON 5 MINUTE EPOXY AMBER	25	Milliliter(ML)	25-Jun-21
0001702808	64-17-5	ETHYL ALCOHOL-200 PROOF	4	Liters(L)	25-Jun-21
0001702809	64-17-5	ETHYL ALCOHOL-200 PROOF	4	Liters(L)	25-Jun-21
0001702813	108321-42-2	G 418 disulfate salt	1	Gallon(GAL)	25-Jun-21
0001702814	5381-99-7	2-CHLORO-4H-1 3 2-BENZODIOXAPHOSPHORIN-4-ONE	5	Gram(GM)	25-Jun-21
0001702815	5381-99-7	2-CHLORO-4H-1 3 2-BENZODIOXAPHOSPHORIN-4-ONE	5	Gram(GM)	25-Jun-21
V0000087F5	-	Avalon Premium 100% Acrylic Interior Semi-Gloss W/B	1	Gallon(GAL)	25-Jun-21
V0000087F2	-	Avalon Premium 100% Acrylic Interior Semi-Gloss W/B	1	Gallon(GAL)	25-Jun-21
V0000087F3	-	Avalon Premium 100% Acrylic Interior Semi-Gloss W/B	1	Gallon(GAL)	25-Jun-21
V0000087F4	-	Avalon Premium 100% Acrylic Interior Semi-Gloss W/B	1	Gallon(GAL)	25-Jun-21
0001569946	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	25-Jun-21
0001569947	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	25-Jun-21
0001569948	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	25-Jun-21
0001569949	-	Avalon Premium 100% Acrylic Interior Satin W/B	5	Gallon(GAL)	25-Jun-21
0001569950	-	DUPLI-COLOR 2-in-1 Filler & Sandable Primer	12	Ounces(OZ)	25-Jun-21
0001702786	121-44-8	TRIETHYLAMINE	1	Liters(L)	25-Jun-21
0001702787	693-98-1	2-METHYLIMIDAZOLE	100	Gram(GM)	25-Jun-21
0001702818	1310-73-2	SODIUM HYDROXIDE 1N SOLUTION	4	Liters(L)	25-Jun-21
0001702819	1310-73-2	SODIUM HYDROXIDE 1N SOLUTION	4	Liters(L)	25-Jun-21
0001663403	-	RTV SILICONE MOLD RUBBER PART A	8	Pounds(LB)	25-Jun-21
0001663404	-	RTV SILICONE MOLD RUBBER PART A	8	Pounds(LB)	25-Jun-21
0001663405	-	RTV SILICONE MOLD RUBBER PART B	14	Ounces(OZ)	25-Jun-21
0001663406	-	RTV SILICONE MOLD RUBBER PART B	14	Ounces(OZ)	25-Jun-21
0001628627	-	KRYLON COLORmaxx Gloss Black	12	Ounces(OZ)	25-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001628628	-	KRYLON COLORmaxx Gloss Black	12	Ounces(OZ)	25-Jun-21
0001628629	-	KRYLON COLORmaxx Gloss Black	12	Ounces(OZ)	25-Jun-21
0001628671	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628700	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628699	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628698	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628697	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628696	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628695	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628694	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628693	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628692	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628701	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628702	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628703	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628704	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628705	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628707	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628708	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628709	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628710	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628711	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628706	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628681	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628737	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628672	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628712	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628674	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628675	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628676	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628677	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628678	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628673	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628680	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628691	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628682	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628683	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628684	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628685	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628686	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628687	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628688	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628689	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628690	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628679	-	Blue Def	1	Gallon(GAL)	25-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001628740	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628730	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628731	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628732	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628733	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628734	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628729	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628713	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628736	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628741	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628742	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628743	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628744	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628745	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628735	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628738	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628722	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628728	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628716	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628717	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628718	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628719	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628739	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628721	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628715	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628714	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628723	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628724	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628725	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628726	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628727	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628720	-	Blue Def	1	Gallon(GAL)	25-Jun-21
0001628630	-	DUPLI-COLOR Acrylic Enamel Aerosol Paint Flat Black	12	Ounces(OZ)	25-Jun-21
0001628631	-	DUPLI-COLOR Acrylic Enamel Aerosol Paint Flat Black	12	Ounces(OZ)	25-Jun-21
0001628632	-	KRYLON COLORmaxx Gloss Black	12	Ounces(OZ)	25-Jun-21
0001628633	-	KRYLON COLORmaxx Gloss Black	12	Ounces(OZ)	25-Jun-21
0001628634	-	KRYLON COLORmaxx Gloss Black	12	Ounces(OZ)	25-Jun-21
0001628635	-	KRYLON COLORmaxx Gloss Black	12	Ounces(OZ)	25-Jun-21
0001628636	-	CHAIN AND CABLE FLUID	11	Ounces(OZ)	25-Jun-21
0001628637	-	CHAIN AND CABLE FLUID	11	Ounces(OZ)	25-Jun-21
0001628638	-	BRAKE PARTS CLEANER	14	Ounces(OZ)	25-Jun-21
0001628639	-	BRAKE PARTS CLEANER	14	Ounces(OZ)	25-Jun-21
0001628640	-	BRAKE PARTS CLEANER	14	Ounces(OZ)	25-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001628642	-	SAE 10W-40 Motor Oil	1	Quarts(QT)	25-Jun-21
0001628644	-	SAE 10W-40 Motor Oil	1	Quarts(QT)	25-Jun-21
0001628643	-	SAE 10W-40 Motor Oil	1	Quarts(QT)	25-Jun-21
0001628641	-	SAE 30 MOTOR OIL	1	Quarts(QT)	25-Jun-21
0001628645	-	Parts Plus DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	Quarts(QT)	25-Jun-21
0001702280	13465-08-2	HYDROXYLAMINE NITRATE	1	Kilograms(KG)	25-Jun-21
0001702306	13465-08-2	HYDROXYLAMINE NITRATE	1	Kilograms(KG)	25-Jun-21
0001702313	13465-08-2	HYDROXYLAMINE NITRATE	1	Kilograms(KG)	25-Jun-21
0001702312	13465-08-2	HYDROXYLAMINE NITRATE	1	Kilograms(KG)	25-Jun-21
0001702311	13465-08-2	HYDROXYLAMINE NITRATE	1	Kilograms(KG)	25-Jun-21
0001702310	13465-08-2	HYDROXYLAMINE NITRATE	1	Kilograms(KG)	25-Jun-21
0001702309	13465-08-2	HYDROXYLAMINE NITRATE	1	Kilograms(KG)	25-Jun-21
0001702297	13465-08-2	HYDROXYLAMINE NITRATE	1	Kilograms(KG)	25-Jun-21
0001702307	13465-08-2	HYDROXYLAMINE NITRATE	1	Kilograms(KG)	25-Jun-21
0001702316	13465-08-2	HYDROXYLAMINE NITRATE	1	Kilograms(KG)	25-Jun-21
0001702305	13465-08-2	HYDROXYLAMINE NITRATE	1	Kilograms(KG)	25-Jun-21
0001702304	13465-08-2	HYDROXYLAMINE NITRATE	1	Kilograms(KG)	25-Jun-21
0001702303	13465-08-2	HYDROXYLAMINE NITRATE	1	Kilograms(KG)	25-Jun-21
0001702302	13465-08-2	HYDROXYLAMINE NITRATE	1	Kilograms(KG)	25-Jun-21
0001702300	13465-08-2	HYDROXYLAMINE NITRATE	1	Kilograms(KG)	25-Jun-21
0001702298	13465-08-2	HYDROXYLAMINE NITRATE	1	Kilograms(KG)	25-Jun-21
0001702308	13465-08-2	HYDROXYLAMINE NITRATE	1	Kilograms(KG)	25-Jun-21
0001702322	13465-08-2	HYDROXYLAMINE NITRATE	1	Kilograms(KG)	25-Jun-21
0001702291	13465-08-2	HYDROXYLAMINE NITRATE	1	Kilograms(KG)	25-Jun-21
0001702329	13465-08-2	HYDROXYLAMINE NITRATE	1	Kilograms(KG)	25-Jun-21
0001702328	13465-08-2	HYDROXYLAMINE NITRATE	1	Kilograms(KG)	25-Jun-21
0001702327	13465-08-2	HYDROXYLAMINE NITRATE	1	Kilograms(KG)	25-Jun-21
0001702326	13465-08-2	HYDROXYLAMINE NITRATE	1	Kilograms(KG)	25-Jun-21
0001702325	13465-08-2	HYDROXYLAMINE NITRATE	1	Kilograms(KG)	25-Jun-21
0001702314	13465-08-2	HYDROXYLAMINE NITRATE	1	Kilograms(KG)	25-Jun-21
0001702323	13465-08-2	HYDROXYLAMINE NITRATE	1	Kilograms(KG)	25-Jun-21
0001702315	13465-08-2	HYDROXYLAMINE NITRATE	1	Kilograms(KG)	25-Jun-21
0001702321	13465-08-2	HYDROXYLAMINE NITRATE	1	Kilograms(KG)	25-Jun-21
0001702320	13465-08-2	HYDROXYLAMINE NITRATE	1	Kilograms(KG)	25-Jun-21
0001702319	13465-08-2	HYDROXYLAMINE NITRATE	1	Kilograms(KG)	25-Jun-21
0001702318	13465-08-2	HYDROXYLAMINE NITRATE	1	Kilograms(KG)	25-Jun-21
0001702317	13465-08-2	HYDROXYLAMINE NITRATE	1	Kilograms(KG)	25-Jun-21
0001702299	13465-08-2	HYDROXYLAMINE NITRATE	1	Kilograms(KG)	25-Jun-21
0001702324	13465-08-2	HYDROXYLAMINE NITRATE	1	Kilograms(KG)	25-Jun-21
0001702289	13465-08-2	HYDROXYLAMINE NITRATE	1	Kilograms(KG)	25-Jun-21
0001702301	13465-08-2	HYDROXYLAMINE NITRATE	1	Kilograms(KG)	25-Jun-21
0001702290	13465-08-2	HYDROXYLAMINE NITRATE	1	Kilograms(KG)	25-Jun-21
0001702288	13465-08-2	HYDROXYLAMINE NITRATE	1	Kilograms(KG)	25-Jun-21
0001702287	13465-08-2	HYDROXYLAMINE NITRATE	1	Kilograms(KG)	25-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001702286	13465-08-2	HYDROXYLAMINE NITRATE	1	Kilograms(KG)	25-Jun-21
0001702285	13465-08-2	HYDROXYLAMINE NITRATE	1	Kilograms(KG)	25-Jun-21
0001702284	13465-08-2	HYDROXYLAMINE NITRATE	1	Kilograms(KG)	25-Jun-21
0001702283	13465-08-2	HYDROXYLAMINE NITRATE	1	Kilograms(KG)	25-Jun-21
0001702282	13465-08-2	HYDROXYLAMINE NITRATE	1	Kilograms(KG)	25-Jun-21
0001702292	13465-08-2	HYDROXYLAMINE NITRATE	1	Kilograms(KG)	25-Jun-21
0001702293	13465-08-2	HYDROXYLAMINE NITRATE	1	Kilograms(KG)	25-Jun-21
0001702294	13465-08-2	HYDROXYLAMINE NITRATE	1	Kilograms(KG)	25-Jun-21
0001702281	13465-08-2	HYDROXYLAMINE NITRATE	1	Kilograms(KG)	25-Jun-21
0001702295	13465-08-2	HYDROXYLAMINE NITRATE	1	Kilograms(KG)	25-Jun-21
0001702296	13465-08-2	HYDROXYLAMINE NITRATE	1	Kilograms(KG)	25-Jun-21
0001702349	1314-35-8	TUNGSTEN OXIDE	250	Gram(GM)	25-Jun-21
0001702352	1314-35-8	TUNGSTEN OXIDE	250	Gram(GM)	25-Jun-21
0001702351	1314-35-8	TUNGSTEN OXIDE	250	Gram(GM)	25-Jun-21
0001702350	1314-35-8	TUNGSTEN OXIDE	250	Gram(GM)	25-Jun-21
0001680390	7440-59-7	HELIUM REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	Liters(L)	25-Jun-21
0001680391	7440-59-7	HELIUM REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	Liters(L)	25-Jun-21
0001680392	7647-01-0	Hydrogen Chloride Anhydrous	100	Liters(L)	25-Jun-21
0001680397	74-98-6	PROPANE	11	Gallon(GAL)	25-Jun-21
0001680398	74-98-6	PROPANE	11	Gallon(GAL)	25-Jun-21
0001680399	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	25-Jun-21
0001680400	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	25-Jun-21
0001680404	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	25-Jun-21
0001680403	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	25-Jun-21
0001680402	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	25-Jun-21
0001680401	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	25-Jun-21
0001680405	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	25-Jun-21
0001650387	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	25-Jun-21
0001680388	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	25-Jun-21
0001680389	-	OXYGEN COMPRESSED GAS	220	Cubic Feet(CF)	25-Jun-21
0001680387	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	25-Jun-21
0001701860	67-63-0	ISOPROPYL ALCOHOL	4	Liters(L)	25-Jun-21
0001701862	67-63-0	ISOPROPYL ALCOHOL	4	Liters(L)	25-Jun-21
0001701861	67-63-0	ISOPROPYL ALCOHOL	4	Liters(L)	25-Jun-21
0001701863	67-63-0	ISOPROPYL ALCOHOL	4	Liters(L)	25-Jun-21
0001701864	67-64-1	ACETONE	4	Liters(L)	25-Jun-21
0001701867	67-64-1	ACETONE	4	Liters(L)	25-Jun-21
0001701866	67-64-1	ACETONE	4	Liters(L)	25-Jun-21
0001701865	67-64-1	ACETONE	4	Liters(L)	25-Jun-21
0001701868	107-21-1	Ethylene Glycol	1	Liters(L)	25-Jun-21
0001701987	64-17-5	ETHYL ALCOHOL PURE	500	Milliliter(ML)	27-Jun-21
0001702820	14285-68-8	DIRHENIUM DECACARBONYL	5	Gram(GM)	28-Jun-21
0001702821	10043-11-5	Cubic Boron Nitride (CBN)	50	Gram(GM)	28-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001702822	10043-11-5	Cubic Boron Nitride (CBN)	50	Gram(GM)	28-Jun-21
0001702823	12190-79-3	LITHIUM COBALT(III) OXIDE	100	Gram(GM)	28-Jun-21
0001702824	1077-28-7	ALPHA-LIPOIC ACID	5	Gram(GM)	28-Jun-21
0001702825	14017-41-5	COBALT SULFAMATE	100	Gram(GM)	28-Jun-21
0001423442	-	FIRESTOP SEALANT	295	Milliliter(ML)	28-Jun-21
0001423444	-	FIRESTOP SEALANT	295	Milliliter(ML)	28-Jun-21
0001423445	-	FIRESTOP SEALANT	295	Milliliter(ML)	28-Jun-21
0001423446	-	FIRESTOP SEALANT	295	Milliliter(ML)	28-Jun-21
0001423447	-	FIRESTOP SEALANT	295	Milliliter(ML)	28-Jun-21
0001423449	-	FIRESTOP SEALANT	295	Milliliter(ML)	28-Jun-21
0001423448	-	FIRESTOP SEALANT	295	Milliliter(ML)	28-Jun-21
0001423443	-	FIRESTOP SEALANT	295	Milliliter(ML)	28-Jun-21
0001702826	-	1000 ug/ml Barium	30	Milliliter(ML)	28-Jun-21
0001702827	78-40-0	TRIETHYL PHOSPHATE	100	Milliliter(ML)	28-Jun-21
0001702828	78-40-0	TRIETHYL PHOSPHATE	100	Milliliter(ML)	28-Jun-21
0001702829	623-27-8	TEREPHTHALALDEHYDE	100	Gram(GM)	28-Jun-21
0001660342	-	MULTI PURPOSE OIL	32	Ounces(OZ)	28-Jun-21
0001703168	-	METADI SUPREME POLYCRYSTALLINE DIAMOND SUSPENSION 3UM	1	Gallon(GAL)	28-Jun-21
0001702830	2428-06-0	2-Chloro-5 5-dimethyl-1 3 2- dioxaphosphorinane	25	Gram(GM)	28-Jun-21
0001702831	512-56-1	TRIMETHYL PHOSPHATE	50	Gram(GM)	28-Jun-21
0001702833	512-56-1	TRIMETHYL PHOSPHATE	50	Gram(GM)	28-Jun-21
0001702832	512-56-1	TRIMETHYL PHOSPHATE	50	Gram(GM)	28-Jun-21
0001703169	-	Buehler Metadi Supreme Polycrystalline Diamond Susp. 1 micron	1	Gallon(GAL)	28-Jun-21
0001703167	-	METADI SUPREME POLYCRYSTALLINE DIAMOND	1	Gallon(GAL)	28-Jun-21
0001702834	76947-02-9	Tris(tetrabutylammonium) hydrogen pyrophosphate	5	Gram(GM)	28-Jun-21
0001702835	76947-02-9	Tris(tetrabutylammonium) hydrogen pyrophosphate	5	Gram(GM)	28-Jun-21
0001702836	-	EPO TEK H20E	1	Ounces(OZ)	28-Jun-21
0001702837	-	EPO TEK H20E	1	Ounces(OZ)	28-Jun-21
0001702838	2576-47-8	2-BROMOETHYLAMINE HYDROBROMIDE	100	Gram(GM)	28-Jun-21
0001702839	-	Poly(3 4-ethylenedioxythiophene)-poly(styrenesulfonate)	5	Gram(GM)	28-Jun-21
0001702842	1191-15-7	DIISOBUTYLALUMINUM HYDRIDE 1.0M	100	Milliliter(ML)	28-Jun-21
0001702841	-	Poly(3 4-ethylenedioxythiophene)-poly(styrenesulfonate)	5	Gram(GM)	28-Jun-21
0001702840	-	Poly(3 4-ethylenedioxythiophene)-poly(styrenesulfonate)	5	Gram(GM)	28-Jun-21
0001702843	-	Mold Star 30 Silicone Elastomer	1	Gallon(GAL)	28-Jun-21
0001702844	-	Mold Star 30 Silicone Elastomer	1	Gallon(GAL)	28-Jun-21
0001702845	-	Free Form Sculpt Formulated Epoxy Resin	1	Gallon(GAL)	28-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001570063	497-19-8	Soda Ash 58% Dense	50	Pounds(LB)	28-Jun-21
0001702686	693-13-0	1 3-DIISOPROPYLCARBODIIMIDE 99%	25	Gram(GM)	28-Jun-21
0001702687	463-71-8	THIOPHOSGENE	5	Gram(GM)	28-Jun-21
0001702846	7646-69-7	SODIUM HYDRIDE	5	Gram(GM)	28-Jun-21
0001702849	107-06-2	1 2-DICHLOROETHANE	4	Liters(L)	28-Jun-21
0001458561	-	IMMERSION OIL	20	Milliliter(ML)	28-Jun-21
0001458562	-	IMMERSION OIL	20	Milliliter(ML)	28-Jun-21
0001702850	108-88-3	TOLUENE	25	Liters(L)	28-Jun-21
0001458563	90-11-9	1-Bromonaphthalene	15	Milliliter(ML)	28-Jun-21
0001641452	-	Hilti Firestop Acrylic Sealant CFS-S ACR; CP 606	19.6	Ounces(OZ)	28-Jun-21
0001641464	-	Hilti Firestop Acrylic Sealant CFS-S ACR; CP 606	19.6	Ounces(OZ)	28-Jun-21
0001641465	-	Hilti Firestop Acrylic Sealant CFS-S ACR; CP 606	19.6	Ounces(OZ)	28-Jun-21
0001641466	-	Hilti Firestop Acrylic Sealant CFS-S ACR; CP 606	19.6	Ounces(OZ)	28-Jun-21
0001641471	-	Hilti Firestop Acrylic Sealant CFS-S ACR; CP 606	19.6	Ounces(OZ)	28-Jun-21
0001641467	-	Hilti Firestop Acrylic Sealant CFS-S ACR; CP 606	19.6	Ounces(OZ)	28-Jun-21
0001641468	-	Hilti Firestop Acrylic Sealant CFS-S ACR; CP 606	19.6	Ounces(OZ)	28-Jun-21
0001641470	-	Hilti Firestop Acrylic Sealant CFS-S ACR; CP 606	19.6	Ounces(OZ)	28-Jun-21
0001641460	-	Hilti Firestop Acrylic Sealant CFS-S ACR; CP 606	19.6	Ounces(OZ)	28-Jun-21
0001641469	-	Hilti Firestop Acrylic Sealant CFS-S ACR; CP 606	19.6	Ounces(OZ)	28-Jun-21
0001641455	-	Hilti Firestop Acrylic Sealant CFS-S ACR; CP 606	19.6	Ounces(OZ)	28-Jun-21
0001641453	-	Hilti Firestop Acrylic Sealant CFS-S ACR; CP 606	19.6	Ounces(OZ)	28-Jun-21
0001641462	-	Hilti Firestop Acrylic Sealant CFS-S ACR; CP 606	19.6	Ounces(OZ)	28-Jun-21
0001641454	-	Hilti Firestop Acrylic Sealant CFS-S ACR; CP 606	19.6	Ounces(OZ)	28-Jun-21
0001641456	-	Hilti Firestop Acrylic Sealant CFS-S ACR; CP 606	19.6	Ounces(OZ)	28-Jun-21
0001641457	-	Hilti Firestop Acrylic Sealant CFS-S ACR; CP 606	19.6	Ounces(OZ)	28-Jun-21
0001641458	-	Hilti Firestop Acrylic Sealant CFS-S ACR; CP 606	19.6	Ounces(OZ)	28-Jun-21
0001641459	-	Hilti Firestop Acrylic Sealant CFS-S ACR; CP 606	19.6	Ounces(OZ)	28-Jun-21
0001641461	-	Hilti Firestop Acrylic Sealant CFS-S ACR; CP 606	19.6	Ounces(OZ)	28-Jun-21
0001641463	-	Hilti Firestop Acrylic Sealant CFS-S ACR; CP 606	19.6	Ounces(OZ)	28-Jun-21
0001702851	1116-76-3	TRI-N-OCTYLAMINE	500	Milliliter(ML)	28-Jun-21
0001702852	69011-20-7	AG 50W-X8 RESIN	1	Gram(GM)	28-Jun-21
0001702853	69011-20-7	AG 50W-X8 RESIN	1	Gram(GM)	28-Jun-21
0001702854	69011-20-7	AG 50W-X8 RESIN	1	Gram(GM)	28-Jun-21
0001702855	5003-17-4	3-BROMOPROPYLAMINE HYDROBROMIDE	100	Gram(GM)	28-Jun-21
0001702856	-	DP-SUSPENSION A	500	Milliliter(ML)	28-Jun-21
0001702857	13520-92-8	ZIRCONYL CHLORIDE OCTAHYDRATE	500	Gram(GM)	28-Jun-21
0001702858	460092-03-9	Trihexyltetradecylphosphonium bis(trifluoromethylsulfonyl)amide	50	Gram(GM)	28-Jun-21
0001702859	123-54-6	ACETYLACETONE	500	Milliliter(ML)	28-Jun-21
0001702860	258864-54-9	Trihexyltetradecylphosphonium chloride	50	Gram(GM)	28-Jun-21
0001702861	23519-77-9	ZIRCONIUM(IV) PROPOXIDE 70 WT. % SOLUTION	500	Milliliter(ML)	28-Jun-21
0001702862	534-17-8	CESIUM CARBONATE	10	Gram(GM)	28-Jun-21
0001702863	-	Clear Resin	1	Liters(L)	28-Jun-21
0001702864	-	Clear Resin	1	Liters(L)	28-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001702865	-	High Temp Resin	1	Liters(L)	28-Jun-21
0001702866	-	High Temp Resin	1	Liters(L)	28-Jun-21
0001700920	-	LK BINDER	1	Gallon(GAL)	28-Jun-21
0001700921	-	LK BINDER	1	Gallon(GAL)	28-Jun-21
0001702688	1314-62-1	VANADIUM(V) OXIDE	100	Gram(GM)	28-Jun-21
0001702848	7646-69-7	SODIUM HYDRIDE	5	Gram(GM)	28-Jun-21
0001702847	7646-69-7	SODIUM HYDRIDE	5	Gram(GM)	28-Jun-21
0001702703	56-81-5	Vitronectin	1	Milliliter(ML)	28-Jun-21
0001702705	56-81-5	Vitronectin	1	Milliliter(ML)	28-Jun-21
0001702704	56-81-5	Vitronectin	1	Milliliter(ML)	28-Jun-21
0001702867	18267-08-8	ZIRCONIUM(IV)ETHOXIDE	25	Gram(GM)	28-Jun-21
0001702868	141-53-7	SODIUM FORMATE	500	Gram(GM)	28-Jun-21
0001702869	7778-18-9	DRIERITE	2.3	Kilograms(KG)	28-Jun-21
0001702870	98-00-0	FURFURYL ALCOHOL	1	Kilograms(KG)	28-Jun-21
0001702871	17501-44-9	ZIRCONIUM(IV) ACETYLACETONATE	25	Gram(GM)	28-Jun-21
0001702965	75-05-8	ACETONITRILE	5	Liters(L)	28-Jun-21
0001702966	75-05-8	ACETONITRILE ANHYDROUS	1	Liters(L)	28-Jun-21
0001702967	75-05-8	ACETONITRILE ANHYDROUS	1	Liters(L)	28-Jun-21
0001702968	75-05-8	ACETONITRILE ANHYDROUS	1	Liters(L)	28-Jun-21
0001702971	75-05-8	ACETONITRILE ANHYDROUS	1	Liters(L)	28-Jun-21
0001702970	75-05-8	ACETONITRILE ANHYDROUS	1	Liters(L)	28-Jun-21
0001702969	75-05-8	ACETONITRILE ANHYDROUS	1	Liters(L)	28-Jun-21
0001702974	1330-20-7	XYLENES	4	Liters(L)	28-Jun-21
0001702979	1330-20-7	XYLENES	4	Liters(L)	28-Jun-21
0001702980	1330-20-7	XYLENES	4	Liters(L)	28-Jun-21
0001702978	1330-20-7	XYLENES	4	Liters(L)	28-Jun-21
0001702977	1330-20-7	XYLENES	4	Liters(L)	28-Jun-21
0001702975	1330-20-7	XYLENES	4	Liters(L)	28-Jun-21
0001702981	1330-20-7	XYLENES	4	Liters(L)	28-Jun-21
0001702976	1330-20-7	XYLENES	4	Liters(L)	28-Jun-21
0001701762	-	APIEZON N GREASE	25	Gram(GM)	28-Jun-21
0001701763	-	APIEZON N GREASE	25	Gram(GM)	28-Jun-21
0001701764	-	APIEZON N GREASE	25	Gram(GM)	28-Jun-21
0001701765	-	APIEZON N GREASE	25	Gram(GM)	28-Jun-21
0001702984	7440-25-7	TANTALUM POWDER	10	Kilograms(KG)	28-Jun-21
0001702985	7440-25-7	TANTALUM POWDER	5	Kilograms(KG)	28-Jun-21
0001702986	-	Hellmanex III Liquid Cleaning Concentrate	1	Liters(L)	28-Jun-21
0001702987	1303-86-2	BORON OXIDE	50	Gram(GM)	28-Jun-21
0001702988	13933-33-0	Tetraammineplatinum(II) chloride monohydrate Premion	1	Gram(GM)	28-Jun-21
0001702989	141-43-5	ETHANOLAMINE (2-AMINOETHANOL)	500	Gram(GM)	28-Jun-21
0001702990	72-17-3	SODIUM LACTATE	500	Milliliter(ML)	28-Jun-21
0001702991	7758-94-3	IRON(II) CHLORIDE ANHYDROUS	25	Gram(GM)	28-Jun-21
0001702992	26570-48-9	POLY(ETHYLENE GLYCOL)DIACRYLATE	500	Milliliter(ML)	28-Jun-21
0001702993	26570-48-9	POLY(ETHYLENE GLYCOL)DIACRYLATE	500	Milliliter(ML)	28-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001702994	760952-88-3	Tris(3-hydroxypropyltriazolylmethyl)amine	500	Gram(GM)	28-Jun-21
0001702995	7440-50-8	COPPER FOIL	1.1	Gram(GM)	28-Jun-21
0001702996	7446-31-3	Zirconium(IV) sulfate tetrahydrate	500	Gram(GM)	28-Jun-21
0001702997	7440-24-6	STRONTIUM	5	Gram(GM)	29-Jun-21
0001702998	7705-08-0	IRON(III) CHLORIDE	5	Gram(GM)	29-Jun-21
0001702999	429-06-1	TETRAETHYLAMMONIUM TETRAFLUOROBORATE	25	Gram(GM)	29-Jun-21
0001703000	162881-26-7	Phenylbis(2 4 6-trimethylbenzoyl)phosphine oxide	10	Gram(GM)	29-Jun-21
0001703001	12054-85-2	Ammonium molybdate tetrahydrate	100	Gram(GM)	29-Jun-21
0001703002	50-81-7	L-ASCORBIC ACID	100	Gram(GM)	29-Jun-21
0001703003	7723-14-0	PHOSPHORUS STANDARD SOLUTION	25	Milliliter(ML)	29-Jun-21
0001628646	-	BRAKE PARTS CLEANER	14	Ounces(OZ)	29-Jun-21
0001703005	-	LOCTITE 4310 LIGHT CURE ADHESIVE	1	Ounces(OZ)	29-Jun-21
0001628647	-	LOCTITE	10	Milliliter(ML)	29-Jun-21
0001703007	-	LOCTITE 4310 LIGHT CURE ADHESIVE	1	Ounces(OZ)	29-Jun-21
0001703006	-	LOCTITE 4310 LIGHT CURE ADHESIVE	1	Ounces(OZ)	29-Jun-21
0001703008	-	LOCTITE 4310 LIGHT CURE ADHESIVE	1	Ounces(OZ)	29-Jun-21
0001703010	-	LOCTITE 4310 LIGHT CURE ADHESIVE	1	Ounces(OZ)	29-Jun-21
0001703009	-	LOCTITE 4310 LIGHT CURE ADHESIVE	1	Ounces(OZ)	29-Jun-21
0001703011	17013-01-3	DISODIUM FUMARATE	100	Gram(GM)	29-Jun-21
0001703012	7647-14-5	SODIUM CHLORIDE CERTIFIED ACS	1	Kilograms(KG)	29-Jun-21
0001423463	-	CHICO SPEADSEAL	6	Ounces(OZ)	29-Jun-21
0001701954	107-21-1	ETHYLENE GLYCOL	1	Liters(L)	29-Jun-21
0001701955	107-21-1	ETHYLENE GLYCOL	1	Liters(L)	29-Jun-21
0001680406	-	ARGON GAS	220	Cubic Feet(CF)	29-Jun-21
0001680419	-	ARGON GAS	220	Cubic Feet(CF)	29-Jun-21
0001680420	-	ARGON GAS	220	Cubic Feet(CF)	29-Jun-21
0001680418	-	ARGON GAS	220	Cubic Feet(CF)	29-Jun-21
0001680417	-	ARGON GAS	220	Cubic Feet(CF)	29-Jun-21
0001680416	-	ARGON GAS	220	Cubic Feet(CF)	29-Jun-21
0001680415	-	ARGON GAS	220	Cubic Feet(CF)	29-Jun-21
0001680414	-	ARGON GAS	220	Cubic Feet(CF)	29-Jun-21
0001680412	-	ARGON GAS	220	Cubic Feet(CF)	29-Jun-21
0001680411	-	ARGON GAS	220	Cubic Feet(CF)	29-Jun-21
0001680410	-	ARGON GAS	220	Cubic Feet(CF)	29-Jun-21
0001680409	-	ARGON GAS	220	Cubic Feet(CF)	29-Jun-21
0001680408	-	ARGON GAS	220	Cubic Feet(CF)	29-Jun-21
0001680407	-	ARGON GAS	220	Cubic Feet(CF)	29-Jun-21
0001680413	-	ARGON GAS	220	Cubic Feet(CF)	29-Jun-21
0001680459	-	ARGON GAS	220	Cubic Feet(CF)	29-Jun-21
0001680421	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	29-Jun-21
0001680451	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	29-Jun-21
0001680447	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	29-Jun-21
0001680448	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	29-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001680450	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	29-Jun-21
0001680452	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	29-Jun-21
0001680449	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	29-Jun-21
0001680437	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	29-Jun-21
0001680438	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	29-Jun-21
0001680446	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	29-Jun-21
0001680445	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	29-Jun-21
0001680444	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	29-Jun-21
0001680443	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	29-Jun-21
0001680442	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	29-Jun-21
0001680441	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	29-Jun-21
0001680439	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	29-Jun-21
0001680430	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	29-Jun-21
0001680423	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	29-Jun-21
0001680424	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	29-Jun-21
0001680425	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	29-Jun-21
0001680426	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	29-Jun-21
0001680427	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	29-Jun-21
0001680436	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	29-Jun-21
0001680429	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	29-Jun-21
0001680431	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	29-Jun-21
0001680432	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	29-Jun-21
0001680433	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	29-Jun-21
0001680434	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	29-Jun-21
0001680440	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	29-Jun-21
0001680435	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	29-Jun-21
0001680422	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	29-Jun-21
0001680428	7727-37-9	NITROGEN GAS	220	Cubic Feet(CF)	29-Jun-21
0001680453	-	75% ARGON/25% CARBON DIOXIDE	220	Cubic Feet(CF)	29-Jun-21
0001680454	-	75% ARGON/25% CARBON DIOXIDE	220	Cubic Feet(CF)	29-Jun-21
0001680455	-	Compressed Air	220	Cubic Feet(CF)	29-Jun-21
0001680457	-	Compressed Air	220	Cubic Feet(CF)	29-Jun-21
0001680458	-	Compressed Air	220	Cubic Feet(CF)	29-Jun-21
0001680456	-	Compressed Air	220	Cubic Feet(CF)	29-Jun-21
0001680460	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	29-Jun-21
0001680461	124-38-9	CARBON DIOXIDE GAS	220	Cubic Feet(CF)	29-Jun-21
0001680462	74-98-6	PROPANE	11	Gallon(GAL)	29-Jun-21
0001680463	74-98-6	PROPANE	11	Gallon(GAL)	29-Jun-21
0001680468	74-98-6	PROPANE	11	Gallon(GAL)	29-Jun-21
0001680467	74-98-6	PROPANE	11	Gallon(GAL)	29-Jun-21
0001680466	74-98-6	PROPANE	11	Gallon(GAL)	29-Jun-21
0001680464	74-98-6	PROPANE	11	Gallon(GAL)	29-Jun-21
0001680465	74-98-6	PROPANE	11	Gallon(GAL)	29-Jun-21
0001680469	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	29-Jun-21
0001459807	-	DIETHANOLAMINE (305)	1	Liters(L)	29-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001680475	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	29-Jun-21
0001680474	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	29-Jun-21
0001680470	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	29-Jun-21
0001680471	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	29-Jun-21
0001680472	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	29-Jun-21
0001680502	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	29-Jun-21
0001680494	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	29-Jun-21
0001680495	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	29-Jun-21
0001680496	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	29-Jun-21
0001680497	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	29-Jun-21
0001680498	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	29-Jun-21
0001680499	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	29-Jun-21
0001680493	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	29-Jun-21
0001680501	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	29-Jun-21
0001680508	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	29-Jun-21
0001680503	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	29-Jun-21
0001680504	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	29-Jun-21
0001680505	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	29-Jun-21
0001680506	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	29-Jun-21
0001680507	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	29-Jun-21
0001680509	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	29-Jun-21
0001680473	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	29-Jun-21
0001680500	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	29-Jun-21
0001680483	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	29-Jun-21
0001680492	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	29-Jun-21
0001680476	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	29-Jun-21
0001680477	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	29-Jun-21
0001680478	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	29-Jun-21
0001680479	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	29-Jun-21
0001680480	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	29-Jun-21
0001680482	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	29-Jun-21
0001680484	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	29-Jun-21
0001680485	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	29-Jun-21
0001680486	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	29-Jun-21
0001680487	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	29-Jun-21
0001680488	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	29-Jun-21
0001680489	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	29-Jun-21
0001680490	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	29-Jun-21
0001680491	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	29-Jun-21
0001680481	7440-59-7	HELIUM GAS	220	Cubic Feet(CF)	29-Jun-21
0001680510	74-98-6	PROPANE	5	Pounds(LB)	29-Jun-21
0001680511	74-98-6	PROPANE	5	Pounds(LB)	29-Jun-21
0001680512	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	29-Jun-21
0001680514	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	29-Jun-21
0001680515	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	29-Jun-21

Chemical Usage January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001680516	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	29-Jun-21
0001680513	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	29-Jun-21
0001680535	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	29-Jun-21
0001680530	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	29-Jun-21
0001680529	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	29-Jun-21
0001680528	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	29-Jun-21
0001680527	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	29-Jun-21
0001680526	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	29-Jun-21
0001680525	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	29-Jun-21
0001680532	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	29-Jun-21
0001680534	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	29-Jun-21
0001680536	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	29-Jun-21
0001680539	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	29-Jun-21
0001680537	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	29-Jun-21
0001680538	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	29-Jun-21
0001680531	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	29-Jun-21
0001680533	-	P-10 (90% ARGON 10% METHANE)	220	Cubic Feet(CF)	29-Jun-21
0001680517	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	29-Jun-21
0001680524	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	29-Jun-21
0001680523	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	29-Jun-21
0001680522	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	29-Jun-21
0001680521	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	29-Jun-21
0001680520	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	29-Jun-21
0001680518	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	29-Jun-21
0001680519	-	94% ARGON/6% HYDROGEN	220	Cubic Feet(CF)	29-Jun-21
0001459808	-	Yellow Epoxy	6	Liters(L)	29-Jun-21
0001459813	-	Yellow Epoxy	6	Liters(L)	29-Jun-21
0001459809	-	Yellow Epoxy	6	Liters(L)	29-Jun-21
0001459810	-	Yellow Epoxy	6	Liters(L)	29-Jun-21
0001459812	-	Yellow Epoxy	6	Liters(L)	29-Jun-21
0001459811	-	Yellow Epoxy	6	Liters(L)	29-Jun-21
0001423390	-	SEALING COMPOUND	2	Ounces(OZ)	29-Jun-21
0001701988	7647-01-0	HYDROCHLORIC ACID 36.5-38%	100	Milliliter(ML)	29-Jun-21
0001701989	1693-74-9	TETRAHYDROFURAN-D8	10	Gram(GM)	29-Jun-21
0001701990	1693-74-9	TETRAHYDROFURAN-D8	10	Gram(GM)	29-Jun-21
0001701960	10213-10-2	SODIUM TUNGSTATE DIHYDRATE	500	Gram(GM)	29-Jun-21
0001701962	10213-10-2	SODIUM TUNGSTATE DIHYDRATE	500	Gram(GM)	29-Jun-21
0001701967	10213-10-2	SODIUM TUNGSTATE DIHYDRATE	500	Gram(GM)	29-Jun-21
0001701966	10213-10-2	SODIUM TUNGSTATE DIHYDRATE	500	Gram(GM)	29-Jun-21
0001701965	10213-10-2	SODIUM TUNGSTATE DIHYDRATE	500	Gram(GM)	29-Jun-21
0001701963	10213-10-2	SODIUM TUNGSTATE DIHYDRATE	500	Gram(GM)	29-Jun-21
0001701961	10213-10-2	SODIUM TUNGSTATE DIHYDRATE	500	Gram(GM)	29-Jun-21
0001701964	10213-10-2	SODIUM TUNGSTATE DIHYDRATE	500	Gram(GM)	29-Jun-21
0001701992	10387-40-3	POTASSIUM THIOACETATE	25	Gram(GM)	29-Jun-21
0001701998	12027-06-4	AMMONIUM IODIDE	100	Gram(GM)	29-Jun-21

ATTACHMENT A907.B.a.

Chemical Usage

RLUOB-CHEM Chemical Purchases from ChemDB

RLUOB-CHEM Chemical Purchases January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001610838	-	LANL-CAL-2B	125	Milliliter(ML)	15-Jan-21
0001610841	-	LANL-CAL-2B	125	Milliliter(ML)	15-Jan-21
0001610842	-	LANL-CAL-3	125	Milliliter(ML)	15-Jan-21
0001610843	-	LANL-CAL-3	125	Milliliter(ML)	15-Jan-21
0001610846	-	LANL-CAL-5	125	Milliliter(ML)	15-Jan-21
0001610848	-	LANL-CAL-5	125	Milliliter(ML)	15-Jan-21
0001610850	-	LANL-CAL-6A	120	Milliliter(ML)	15-Jan-21
0001610853	-	LANL-CAL-6A	120	Milliliter(ML)	15-Jan-21
0001610854	-	LANL-CCS-1A	125	Milliliter(ML)	15-Jan-21
0001610856	-	LANL-CCS-4	125	Milliliter(ML)	15-Jan-21
0001610859	-	LANL-CCS-5	125	Milliliter(ML)	15-Jan-21
0001610860	-	LANL-CCS-6	125	Milliliter(ML)	15-Jan-21
0001611889	-	Sodium hydrogen sulfate	250	Gram(GM)	15-Jan-21
0001611971	7697-37-2	NITRIC ACID	250	Milliliter(ML)	19-Jan-21
0001611972	7697-37-2	NITRIC ACID	250	Milliliter(ML)	19-Jan-21
0001611999	7664-39-3	HYDROFLUORIC ACID OPTIMA	500	Milliliter(ML)	19-Jan-21
0001612405	-	ACID NEUTRALIZER (shaker; pail)	2.6	Quarts(QT)	22-Jan-21
0001612402	-	ACID NEUTRALIZER (shaker; pail)	2.6	Quarts(QT)	22-Jan-21
0001612404	-	ACID NEUTRALIZER (shaker; pail)	2.6	Quarts(QT)	22-Jan-21
0001612406	-	ACID NEUTRALIZER (shaker; pail)	2.6	Quarts(QT)	22-Jan-21
0001612403	-	ACID NEUTRALIZER (shaker; pail)	2.6	Quarts(QT)	22-Jan-21
0001613676	-	SampleBond Debonder Kit20	20	Milliliter(ML)	10-Mar-21
0001613678	-	SampleBond Debonder Kit20	20	Milliliter(ML)	10-Mar-21
0001613677	-	SampleBond Debonder Kit20	20	Milliliter(ML)	10-Mar-21
0001610597	7697-37-2	NITRIC ACID	1	Liters(L)	10-Mar-21
0001610598	7697-37-2	NITRIC ACID	1	Liters(L)	10-Mar-21
0001612033	-	Hydrochloric Acid	1	Liters(L)	10-Mar-21
0001612034	-	Hydrochloric Acid	1	Liters(L)	10-Mar-21
0001453534	-	TUNGSTEN CARBIDE COBALT MIXTURE	14	Gram(GM)	21-Mar-21
0001533576	-	CONDUCTIVE CARBON PAINT	21	Milliliter(ML)	29-Mar-21
0001533574	-	CONDUCTIVE CARBON PAINT	21	Milliliter(ML)	29-Mar-21
0001453535	-	CONDUCTIVE CARBON PAINT	30	Gram(GM)	29-Mar-21
0001453537	-	CONDUCTIVE CARBON PAINT	30	Gram(GM)	29-Mar-21
0001453538	27816-23-5	PELCO SampleBond Adhesive	20	Milliliter(ML)	29-Mar-21
0001453539	27816-23-5	PELCO SampleBond Adhesive	20	Milliliter(ML)	29-Mar-21
0001599359	-	COLLOIDAL SILICA POLISHING SUSPENSION	950	Milliliter(ML)	29-Mar-21

RLUOB-CHEM Chemical Purchases January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001639758	-	COLLOIDAL SILICA POLISHING SUSPENSION	950	Milliliter(ML)	29-Mar-21
0001453540	-	Pelco SampleBond Cyanoacrylate Glue	20	Milliliter(ML)	29-Mar-21
0001453541	-	Pelco SampleBond Cyanoacrylate Glue	20	Milliliter(ML)	29-Mar-21
0001453548	1344-28-1	ALUMINUM OXIDE [COLLOIDAL ALUMINA SOL]	75	Milliliter(ML)	29-Mar-21
0001453551	-	ABRASIVE BORON CARBIDE	8	Milliliter(ML)	29-Mar-21
0001453549	-	Crystalbond 509	100	Gram(GM)	29-Mar-21
0001453542	141-78-6	ETHYL ACETATE	12.3	Milliliter(ML)	29-Mar-21
0001453547	141-78-6	ETHYL ACETATE	12.3	Milliliter(ML)	29-Mar-21
0001453546	141-78-6	ETHYL ACETATE	12.3	Milliliter(ML)	29-Mar-21
0001453544	141-78-6	ETHYL ACETATE	12.3	Milliliter(ML)	29-Mar-21
0001453543	141-78-6	ETHYL ACETATE	12.3	Milliliter(ML)	29-Mar-21
0001453550	-	GLUE STICKS CRYSTAL BOND	243	Gram(GM)	29-Mar-21
0001615464	10043-35-3	BORIC ACID	500	Gram(GM)	26-Apr-21
0001615465	14808-60-7	SAND SEA WASHED	500	Milliliter(ML)	26-Apr-21
0001615506	-	UTEVA Resin; UTEVA Resin Cartridges; UTEVA Resin 10 13 or 15 mL 50-100(Micro)/PreFilter Resin 3 mL 100-150(Micro)	550	Milliliter(ML)	27-Apr-21
0001615508	-	UTEVA Resin; UTEVA Resin Cartridges; UTEVA Resin 10 13 or 15 mL 50-100(Micro)/PreFilter Resin 3 mL 100-150(Micro)	550	Milliliter(ML)	27-Apr-21
0001615507	-	UTEVA Resin; UTEVA Resin Cartridges; UTEVA Resin 10 13 or 15 mL 50-100(Micro)/PreFilter Resin 3 mL 100-150(Micro)	550	Milliliter(ML)	27-Apr-21
0001615591	-	UTEVA Resin; UTEVA Resin Cartridges; UTEVA Resin 10 13 or 15 mL 50-100(Micro)/PreFilter Resin 3 mL 100-150(Micro)	1	Milliliter(ML)	28-Apr-21
0001615594	-	UTEVA Resin; UTEVA Resin Cartridges; UTEVA Resin 10 13 or 15 mL 50-100(Micro)/PreFilter Resin 3 mL 100-150(Micro)	1	Milliliter(ML)	28-Apr-21

RLUOB-CHEM Chemical Purchases January - June 2021

Barcode	CAS #	Chemical Name	Container Size	Unit of Measure	Date
0001615593	-	UTEVA Resin; UTEVA Resin Cartridges; UTEVA Resin 10 13 or 15 mL 50-100(Micro)/PreFilter Resin 3 mL 100-150(Micro)	1	Milliliter(ML)	28-Apr-21
0001615592	-	UTEVA Resin; UTEVA Resin Cartridges; UTEVA Resin 10 13 or 15 mL 50-100(Micro)/PreFilter Resin 3 mL 100-150(Micro)	1	Milliliter(ML)	28-Apr-21
0001615638	9002-89-5	Polyvinyl alcohol hydrolyzed	25	Gram(GM)	28-Apr-21
0001615702	9002-93-1	TRITON X-100	100	Milliliter(ML)	29-Apr-21
0001615721	67-64-1	ACETONE	1000	Milliliter(ML)	29-Apr-21
0001615727	-	3M Fluorinert FC-43 Electronic Liquid	11	Pounds(LB)	29-Apr-21
0001615728	-	3M Fluorinert FC-43 Electronic Liquid	11	Pounds(LB)	29-Apr-21
0001615729	-	3M Fluorinert FC-43 Electronic Liquid	11	Pounds(LB)	29-Apr-21
0001700128	6153-56-6	OXALIC ACID DIHYDRATE	250	Gram(GM)	12-May-21
0001700133	5329-14-6	SULFAMIC ACID	100	Gram(GM)	12-May-21
0001420787	-	URANIUM STANDARD	10	Milligram(MG)	20-May-21
0001040657	7758-02-3	KBR XL SPECTROGRADE POWDER	100	Gram(GM)	24-May-21
0001040658	7758-02-3	KBR XL SPECTROGRADE POWDER	100	Gram(GM)	24-May-21
0001420795	-	ALCONOX DETERGENT	4	Pounds(LB)	25-May-21
0001701005	138495-42-8	2H 3H-PERFLUOROPENTANE	25	Gram(GM)	25-May-21
0001040659	7758-02-3	KBR XL SPECTROGRADE POWDER	100	Gram(GM)	03-Jun-21
0001040660	-	HI TECH GLASS TREATMENT RAINX	473	Milliliter(ML)	09-Jun-21
0001040662	-	RUBBER CEMENT	59	Milliliter(ML)	09-Jun-21
0001040661	-	TRI-FLOW INDUSTRIAL LUBRICANT WITH TEFLON	113	Gram(GM)	09-Jun-21

ATTACHMENT A907.B.b.

Chemical Usage

RLUOB-CHEM Chemical Quantity Total

2021 CMRR-RLUOB HAPs Monthly Emission Rates (lb)

Cas Number	Chemical Name	January	February	March	April	May	June	July	August	September	October	November	December
107-21-1	Ethylene Glycol	0	0	0	0	0	0						
110-54-3	Hexane	0	0	0	0	0	0						
7664-39-3	Hydrogen Fluoride	1.09	0	0	0	0	0						
7647-01-0	Hydrochloric Acid	0	0	0	0	0	0						
67-56-1	Methyl Alcohol	0	0	0	0	0	0						
75-09-2	Methylene Chloride	0	0	0	0	0	0						
100-42-5	Styrene	0	0	0	0	0	0						
108-88-3	Toluene	0	0	0	0	0	0						
Nickel	Nickel Compounds	0	0	0	0	0	0						
Chromium	Chromium Compounds	0	0	0	0	0	0						
HAPs Monthly Total		1.09	0	0	0	0	0						

2021 CMRR-RLUOB HAPS 12-Month Rolling Total (lb)

Cas Number	Chemical Name	January	February	March	April	May	June	July	August	September	October	November	December
107-21-1	Ethylene Glycol	2.46	2.46	2.46	2.46	2.46	2.46						
110-54-3	Hexane	0.00	0.00	0.00	0.00	0.00	0.00						
7664-39-3	Hydrogen Fluoride	1.09	1.09	1.09	1.09	1.09	1.09						
7647-01-0	Hydrochloric Acid	6.94	6.94	6.94	6.94	6.94	6.94						
67-56-1	Methyl Alcohol	33.18	33.18	33.18	33.18	33.18	33.18						
75-09-2	Methylene Chloride	0.00	0.00	0.00	0.00	0.00	0.00						
100-42-5	Styrene	0.00	0.00	0.00	0.00	0.00	0.00						
108-88-3	Toluene	1.91	1.91	1.91	1.91	1.91	1.91						
Nickel	Nickel Compounds	0.00	0.00	0.00	0.00	0.00	0.00						
Chromium	Chromium Compounds	0.00	0.00	0.00	0.00	0.00	0.00						
TAPs 12 Month Rolling Total		45.58	45.58	45.58	45.58	45.58	45.58						

2021 CMRR-RLUOB TAPs Monthly Emission Rates (lb)

	January	February	March	April	May	June	July	August	September	October	November	December
Total TAPs	0.00	0.00	6.96	0.00	0.00	0.00						
TAPs 12 Month Rolling Total	33.89	33.89	40.83	40.83	40.83	19.97						

2021 CMRR-RLUOB VOC Monthly Emission Rates (lb)

	January	February	March	April	May	June	July	August	September	October	November	December
Total VOC	0.00	0.00	0.12	0.00	0.00	0.00						
VOC 12 Month Rolling Total	38.76	38.76	38.88	38.88	38.88	38.88						

ATTACHMENT A1007.A.a.

Degreaser

Degreaser Solvent Usage from Tracking Database

Degreaser Solvent Usage
January – June 2021

Emission Unit	TA/Building	Type of Degreaser	Solvent
TA-55-DG-1	TA-55	Cold Batch	3M Novec Engineered Fluid 72DE

Date Measured	Initial Solvent Level (inches)	Volume Added (liters)	Level Added (inches)	Volume Removed (liters)	Level Removed (inches)
Jan-29-2021	7.00	2.95	1.50	0.00	0.00
Feb-26-2021	5.50	0.00	0.00	0.00	0.00
Mar-29-2021	5.50	1.97	1.00	0.00	0.00
Apr-28-2021	3.50	0.00	0.00	0.00	0.00
May-24-2021	3.50	3.93	2.00	0.00	0.00
Jun-08-2021	5.50	0.00	0.00	0.00	0.00
Jun-25-2021	4.50	0.00	0.00	0.00	0.00

Reviewed by: Katelyn Mahoney, 7/19/2021

ATTACHMENT A1007.A.b.

Degreaser

Completed Work Practice Checklist

MONTHLY WORK PRACTICE CHECK LIST
TA-55-DG-1 DEGREASER

R 04/20/2015

Date of Action: 1/29/21	**Location of Source : (TA/BLDG/Room) TA-55-PF4-319**	
Monitoring Requirements(A1007.A[1]):	**Yes/No**	**Comments**
1. Does the operator monitor and record the amount of solvent added to the degreaser?	Yes	
Recordkeeping Requirements (A1007.A[1])	**Yes/No**	**Comments**
1. Are the actual emissions rate (pounds/month) of VOC and HAPS based on the quantity of solvent lost to evaporation calculated on a monthly basis?	Yes	Emissions are calculated using the Degreaser Compliance Database by air quality compliance personnel.
2. Are the semi-annual emissions rate (tons/year) calculated for this source category and added to the facility-wide emissions rates in Table 106.B (Facility-wide Allowable Emissions)?	Yes	Emissions are calculated using the Degreaser Compliance Database by air quality compliance personnel.
3. Does the operator maintain records of the degreaser solvent content?	Yes	
4. Does the operator maintain work practice checklists?	Yes	
5. Does the operator maintain records in accordance with Section B109, General Recordkeeping Requirements?	Yes	
Operational Requirements (A1007.A[1])	**Yes/No**	**Comments**
1. Does the operator ensure the degreaser is closed with a tight fitting cover whenever not in use?	Yes	
2. Does the operator maintain a freeboard ratio of 0.75 or greater?	Yes	Glove box is included in freeboard ratio determination.
3. Does the operator ensure that all collected and stored waste solvent and wipe rags are placed in closed containers?	Yes	
4. Does the operator ensure that flushing is performed only within the freeboard area only?	Yes	All rinsing is performed within the freeboard area.
5. Does the operator allow cleaned parts to drip for 15 seconds or until dripping stops (whichever is longer)?	Yes	
6. Does the operator ensure that the solvent level does not exceed the fill line on the solvent level?	Yes	
7. Does the operator ensure that all spills are wiped up immediately?	Yes	
8. Does the operator ensure that there is no creation of observable splashing with agitation device?	N/A	An air or pump agitated solvent bath is not used.

MONTHLY WORK PRACTICE CHECK LIST
TA-55-DG-1 DEGREASER

R 04/20/2015

Operational Requirements (A1007.A[1]) continued	Yes/No	Comments
9. Does the operator ensure that the degreaser is not exposed to drafts greater than 40 meters per minute (132 feet per minute)?	Yes	Glove box air flow rates based on system design descriptions average between 5 acfm (normal operating) up to 40 acfm maximum for a single glove box.
10. Does the operator ensure that no sponges, fabric, wood or paper products are cleaned in the degreaser?	Yes	

Notification Requirements: If any of the boxes were checked with "No", please contact Air Quality Compliance Personnel at 665-1338.

Comments:

Form completed by:

Signature	Name (print)	Z number	Date
	Arsenio Salazar	163429	1/29/21

The permit section or condition noted at the end of each requirement is from the following reference:

[1] Title V Operating Permit No: P100-R2

All required documentation must be kept for a minimum of 5 years from the date it was gathered or from the date of the operating permit issuance (February 27, 2015).

At the end of each assessment period this form must be filed as an official record.

MONTHLY WORK PRACTICE CHECK LIST
TA-55-DG-1 DEGREASER

R 04/20/2015

Date of Action: 2/26/21	**Location of Source : (TA/BLDG/Room) TA-55-PF4-319**	
Monitoring Requirements(A1007.A[1]):	**Yes/No**	**Comments**
1. Does the operator monitor and record the amount of solvent added to the degreaser?	Yes	
Recordkeeping Requirements (A1007.A[1])	**Yes/No**	**Comments**
1. Are the actual emissions rate (pounds/month) of VOC and HAPS based on the quantity of solvent lost to evaporation calculated on a monthly basis?	Yes	Emissions are calculated using the Degreaser Compliance Database by air quality compliance personnel.
2. Are the semi-annual emissions rate (tons/year) calculated for this source category and added to the facility-wide emissions rates in Table 106.B (Facility-wide Allowable Emissions)?	Yes	Emissions are calculated using the Degreaser Compliance Database by air quality compliance personnel.
3. Does the operator maintain records of the degreaser solvent content?	yes	
4. Does the operator maintain work practice checklists?	Yes	
5. Does the operator maintain records in accordance with Section B109, General Recordkeeping Requirements?	yes	
Operational Requirements (A1007.A[1])	**Yes/No**	**Comments**
1. Does the operator ensure the degreaser is closed with a tight fitting cover whenever not in use?	yes	
2. Does the operator maintain a freeboard ratio of 0.75 or greater?	yes	Glove box is included in freeboard ratio determination.
3. Does the operator ensure that all collected and stored waste solvent and wipe rags are placed in closed containers?	yes	
4. Does the operator ensure that flushing is performed only within the freeboard area only?	yes	All rinsing is performed within the freeboard area.
5. Does the operator allow cleaned parts to drip for 15 seconds or until dripping stops (whichever is longer)?	yes	
6. Does the operator ensure that the solvent level does not exceed the fill line on the solvent level?	yes	
7. Does the operator ensure that all spills are wiped up immediately?	yes	
8. Does the operator ensure that there is no creation of observable splashing with agitation device?	N/A	An air or pump agitated solvent bath is not used.

MONTHLY WORK PRACTICE CHECK LIST
TA-55-DG-1 DEGREASER

R 04/20/2015

Operational Requirements (A1007.A[1]) continued	Yes/No	Comments
9. Does the operator ensure that the degreaser is not exposed to drafts greater than 40 meters per minute (132 feet per minute)?	Yes	Glove box air flow rates based on system design descriptions average between 5 acfm (normal operating) up to 40 acfm maximum for a single glove box.
10. Does the operator ensure that no sponges, fabric, wood or paper products are cleaned in the degreaser?	Yes	

Notification Requirements: If any of the boxes were checked with "No", please contact Air Quality Compliance Personnel at 665-1338.

Comments:

Form completed by:

Signature	Name (print)	Z number	Date
[signature]	Arsenio Salazar	163479	2/26/21

The permit section or condition noted at the end of each requirement is from the following reference:

[1] Title V Operating Permit No: P100-R2

All required documentation must be kept for a minimum of 5 years from the date it was gathered or from the date of the operating permit issuance (February 27, 2015).

At the end of each assessment period this form must be filed as an official record.

MONTHLY WORK PRACTICE CHECK LIST
TA-55-DG-1 DEGREASER

R 04/20/2015

Date of Action: 3/30/21	**Location of Source : (TA/BLDG/Room) TA-55-PF4-319**	
Monitoring Requirements(A1007.A[1]):	**Yes/No**	**Comments**
1. Does the operator monitor and record the amount of solvent added to the degreaser?	Yes	
Recordkeeping Requirements (A1007.A[1])	**Yes/No**	**Comments**
1. Are the actual emissions rate (pounds/month) of VOC and HAPS based on the quantity of solvent lost to evaporation calculated on a monthly basis?	Yes	Emissions are calculated using the Degreaser Compliance Database by air quality compliance personnel.
2. Are the semi-annual emissions rate (tons/year) calculated for this source category and added to the facility-wide emissions rates in Table 106.B (Facility-wide Allowable Emissions)?	Yes	Emissions are calculated using the Degreaser Compliance Database by air quality compliance personnel.
3. Does the operator maintain records of the degreaser solvent content?	Yes	
4. Does the operator maintain work practice checklists?	Yes	
5. Does the operator maintain records in accordance with Section B109, General Recordkeeping Requirements?	Yes	
Operational Requirements (A1007.A[1])	**Yes/No**	**Comments**
1. Does the operator ensure the degreaser is closed with a tight fitting cover whenever not in use?	Yes	
2. Does the operator maintain a freeboard ratio of 0.75 or greater?	Yes	Glove box is included in freeboard ratio determination.
3. Does the operator ensure that all collected and stored waste solvent and wipe rags are placed in closed containers?	Yes	
4. Does the operator ensure that flushing is performed only within the freeboard area only?	Yes	All rinsing is performed within the freeboard area.
5. Does the operator allow cleaned parts to drip for 15 seconds or until dripping stops (whichever is longer)?	Yes	
6. Does the operator ensure that the solvent level does not exceed the fill line on the solvent level?	Yes	
7. Does the operator ensure that all spills are wiped up immediately?	Yes	
8. Does the operator ensure that there is no creation of observable splashing with agitation device?	N/A	An air or pump agitated solvent bath is not used.

MONTHLY WORK PRACTICE CHECK LIST
TA-55-DG-1 DEGREASER

R 04/20/2015

Operational Requirements (A1007.A[1]) continued	Yes/No	Comments
9. Does the operator ensure that the degreaser is not exposed to drafts greater than 40 meters per minute (132 feet per minute)?	YES	Glove box air flow rates based on system design descriptions average between 5 acfm (normal operating) up to 40 acfm maximum for a single glove box.
10. Does the operator ensure that no sponges, fabric, wood or paper products are cleaned in the degreaser?	YES	

Notification Requirements: If any of the boxes were checked with "No", please contact Air Quality Compliance Personnel at 665-1338.

Comments:

Form completed by:

Signature	Name (print)	Z number	Date
[signature]	Arsenio Salazar	165479	3/30/21

The permit section or condition noted at the end of each requirement is from the following reference:

[1] Title V Operating Permit No: P100-R2

All required documentation must be kept for a minimum of 5 years from the date it was gathered or from the date of the operating permit issuance (February 27, 2015).

At the end of each assessment period this form must be filed as an official record.

MONTHLY WORK PRACTICE CHECK LIST
TA-55-DG-1 DEGREASER

R 04/20/2015

Date of Action: 4-30-2021	**Location of Source : (TA/BLDG/Room) TA-55-PF4-319**

Monitoring Requirements(A1007.A[1]):	**Yes/No**	**Comments**
1. Does the operator monitor and record the amount of solvent added to the degreaser?	Yes	
Recordkeeping Requirements (A1007.A[1])	**Yes/No**	**Comments**
1. Are the actual emissions rate (pounds/month) of VOC and HAPS based on the quantity of solvent lost to evaporation calculated on a monthly basis?	Yes	Emissions are calculated using the Degreaser Compliance Database by air quality compliance personnel.
2. Are the semi-annual emissions rate (tons/year) calculated for this source category and added to the facility-wide emissions rates in Table 106.B (Facility-wide Allowable Emissions)?	Yes	Emissions are calculated using the Degreaser Compliance Database by air quality compliance personnel.
3. Does the operator maintain records of the degreaser solvent content?	Yes	
4. Does the operator maintain work practice checklists?	Yes	
5. Does the operator maintain records in accordance with Section B109, General Recordkeeping Requirements?	Yes	
Operational Requirements (A1007.A[1])	**Yes/No**	**Comments**
1. Does the operator ensure the degreaser is closed with a tight fitting cover whenever not in use?	Yes	
2. Does the operator maintain a freeboard ratio of 0.75 or greater?	Yes	Glove box is included in freeboard ratio determination.
3. Does the operator ensure that all collected and stored waste solvent and wipe rags are placed in closed containers?	Yes	
4. Does the operator ensure that flushing is performed only within the freeboard area only?	Yes	All rinsing is performed within the freeboard area.
5. Does the operator allow cleaned parts to drip for 15 seconds or until dripping stops (whichever is longer)?	Yes	
6. Does the operator ensure that the solvent level does not exceed the fill line on the solvent level?	Yes	
7. Does the operator ensure that all spills are wiped up immediately?	Yes	
8. Does the operator ensure that there is no creation of observable splashing with agitation device?	N/A	An air or pump agitated solvent bath is not used.

MONTHLY WORK PRACTICE CHECK LIST
TA-55-DG-1 DEGREASER

R 04/20/2015

Operational Requirements (A1007.A[1]) continued	Yes/No	Comments
9. Does the operator ensure that the degreaser is not exposed to drafts greater than 40 meters per minute (132 feet per minute)?	Yes	Glove box air flow rates based on system design descriptions average between 5 acfm (normal operating) up to 40 acfm maximum for a single glove box.
10. Does the operator ensure that no sponges, fabric, wood or paper products are cleaned in the degreaser?	Yes	

Notification Requirements: If any of the boxes were checked with "No", please contact Air Quality Compliance Personnel at 665-1338.

Comments:

Form completed by:

Signature: Jake Montoya | Name (print): Jake Montoya | Z number: 334755 | Date: 4-30-21

The permit section or condition noted at the end of each requirement is from the following reference:

[1] Title V Operating Permit No: P100-R2

All required documentation must be kept for a minimum of 5 years from the date it was gathered or from the date of the operating permit issuance (February 27, 2015).

At the end of each assessment period this form must be filed as an official record.

MONTHLY WORK PRACTICE CHECK LIST
TA-55-DG-1 DEGREASER

R 04/20/2015

Date of Action: 5/3/21	**Location of Source : (TA/BLDG/Room) TA-55-PF4-319**	
Monitoring Requirements(A1007.A[1]):	**Yes/No**	**Comments**
1. Does the operator monitor and record the amount of solvent added to the degreaser?	Yes	
Recordkeeping Requirements (A1007.A[1])	**Yes/No**	**Comments**
1. Are the actual emissions rate (pounds/month) of VOC and HAPS based on the quantity of solvent lost to evaporation calculated on a monthly basis?	Yes	Emissions are calculated using the Degreaser Compliance Database by air quality compliance personnel.
2. Are the semi-annual emissions rate (tons/year) calculated for this source category and added to the facility-wide emissions rates in Table 106.B (Facility-wide Allowable Emissions)?	Yes	Emissions are calculated using the Degreaser Compliance Database by air quality compliance personnel.
3. Does the operator maintain records of the degreaser solvent content?	Yes	
4. Does the operator maintain work practice checklists?	Yes	
5. Does the operator maintain records in accordance with Section B109, General Recordkeeping Requirements?	Yes	
Operational Requirements (A1007.A[1])	**Yes/No**	**Comments**
1. Does the operator ensure the degreaser is closed with a tight fitting cover whenever not in use?	yes	
2. Does the operator maintain a freeboard ratio of 0.75 or greater?	yes	Glove box is included in freeboard ratio determination.
3. Does the operator ensure that all collected and stored waste solvent and wipe rags are placed in closed containers?	Yes	
4. Does the operator ensure that flushing is performed only within the freeboard area only?	yes	All rinsing is performed within the freeboard area.
5. Does the operator allow cleaned parts to drip for 15 seconds or until dripping stops (whichever is longer)?	Yes	
6. Does the operator ensure that the solvent level does not exceed the fill line on the solvent level?	Yes	
7. Does the operator ensure that all spills are wiped up immediately?	yes	
8. Does the operator ensure that there is no creation of observable splashing with agitation device?	N/A	An air or pump agitated solvent bath is not used.

MONTHLY WORK PRACTICE CHECK LIST
TA-55-DG-1 DEGREASER

R 04/20/2015

Operational Requirements (A1007.A[1]) continued	Yes/No	Comments
9. Does the operator ensure that the degreaser is not exposed to drafts greater than 40 meters per minute (132 feet per minute)?	Yes	Glove box air flow rates based on system design descriptions average between 5 acfm (normal operating) up to 40 acfm maximum for a single glove box.
10. Does the operator ensure that no sponges, fabric, wood or paper products are cleaned in the degreaser?	Yes	

Notification Requirements: If any of the boxes were checked with "No", please contact Air Quality Compliance Personnel at 665-1338.

Comments:

Form completed by:

Signature	Name (print)	Z number	Date
[signature]	Arsenio Salazar	163479	5/3/21

The permit section or condition noted at the end of each requirement is from the following reference:

[1] Title V Operating Permit No: P100-R2

All required documentation must be kept for a minimum of 5 years from the date it was gathered or from the date of the operating permit issuance (February 27, 2015).

At the end of each assessment period this form must be filed as an official record.

MONTHLY WORK PRACTICE CHECK LIST
TA-55-DG-1 DEGREASER

R 04/20/2015

Date of Action: 6-8-2021	**Location of Source :** (TA/BLDG/Room) TA-55-PF4-319	
Monitoring Requirements(A1007.A[1]):	**Yes/No**	**Comments**
1. Does the operator monitor and record the amount of solvent added to the degreaser?	Yes	
Recordkeeping Requirements (A1007.A[1])	**Yes/No**	**Comments**
1. Are the actual emissions rate (pounds/month) of VOC and HAPS based on the quantity of solvent lost to evaporation calculated on a monthly basis?	Yes	Emissions are calculated using the Degreaser Compliance Database by air quality compliance personnel.
2. Are the semi-annual emissions rate (tons/year) calculated for this source category and added to the facility-wide emissions rates in Table 106.B (Facility-wide Allowable Emissions)?	Yes	Emissions are calculated using the Degreaser Compliance Database by air quality compliance personnel.
3. Does the operator maintain records of the degreaser solvent content?	Yes	
4. Does the operator maintain work practice checklists?	Yes	
5. Does the operator maintain records in accordance with Section B109, General Recordkeeping Requirements?	Yes	
Operational Requirements (A1007.A[1])	**Yes/No**	**Comments**
1. Does the operator ensure the degreaser is closed with a tight fitting cover whenever not in use?	Yes	
2. Does the operator maintain a freeboard ratio of 0.75 or greater?	Yes	Glove box is included in freeboard ratio determination.
3. Does the operator ensure that all collected and stored waste solvent and wipe rags are placed in closed containers?	Yes	
4. Does the operator ensure that flushing is performed only within the freeboard area only?	Yes	All rinsing is performed within the freeboard area.
5. Does the operator allow cleaned parts to drip for 15 seconds or until dripping stops (whichever is longer)?	Yes	
6. Does the operator ensure that the solvent level does not exceed the fill line on the solvent level?	Yes	
7. Does the operator ensure that all spills are wiped up immediately?	Yes	
8. Does the operator ensure that there is no creation of observable splashing with agitation device?	N/A	An air or pump agitated solvent bath is not used.

MONTHLY WORK PRACTICE CHECK LIST
TA-55-DG-1 DEGREASER

R 04/20/2015

Operational Requirements (A1007.A[1]) continued	Yes/No	Comments
9. Does the operator ensure that the degreaser is not exposed to drafts greater than 40 meters per minute (132 feet per minute)?	Yes	Glove box air flow rates based on system design descriptions average between 5 acfm (normal operating) up to 40 acfm maximum for a single glove box.
10. Does the operator ensure that no sponges, fabric, wood or paper products are cleaned in the degreaser?	Yes	

Notification Requirements: If any of the boxes were checked with "No", please contact Air Quality Compliance Personnel at 665-1338.

Comments:

Form completed by:

Signature | Jake Montoya (Name (print)) | 334755 (Z number) | 6-8-2021 (Date)

The permit section or condition noted at the end of each requirement is from the following reference:

[1] Title V Operating Permit No: P100-R2

All required documentation must be kept for a minimum of 5 years from the date it was gathered or from the date of the operating permit issuance (February 27, 2015).

At the end of each assessment period this form must be filed as an official record.

ATTACHMENT A1104.A.

Internal Combustion

TA-33-G-1-P Daily Operating Logs

Daily TA-33-G-1-P Cummins/ONAN/DFHD 1000 kW Generator Hour Log

This generator has the following air quality permit requirements:

This generator engine is authorized to operate **no more than eight (8) hours per day**.

This unit can **operate only between the hours of 7:00 AM and 5:00 PM**

The permittee shall monitor the time(s) of operation each day.

The permittee shall monitor and keep records of the time(s) of operation each day, and the daily, monthly, and the monthly rolling 12-month total hours of operation of the genset (LANL EPC-CP will maintain this)

Date	Time of operation		Hour Meter Reading		Hours of operation	Purpose	Operator/User Name
	Start Time	End Time	Start Reading	End Reading			
9/17/2018	13:00	13:30	696.2	696.7	0.5	Exercise	Randy Griego
9/18/2018	11:00	15:00	696.7	700.6	4.0	Maintenance	Randy Griego
9/19/2018	11:00	15:00	700.6	704.6	4.0	Maintenance	Randy Griego
9/20/2018	11:00	17:25	704.6	711.0	6.25	Maintenance	Randy Griego
10/18/2018	9:00	10:30	711.0	712.4	1.5	Maintenance	Randy Griego
2/7/2019	9:10	9:35	712.4	712.9	0.5	Maintenance	Randy Griego
3/17/2019	18:30	7:30 on 3/23/2019	712.9	845.3	132.4	Emergency Use, Power outage at TA-3-1698	Garry Schramm
5/29/2019	9:00	9:20	845.3	845.7	0.4	Maintenance	Randy Griego
12/17/2019	14:00	14:36	845.7	846.3	0.6	Maintenance	Ron Suazo
7/1/2020	11:00	11:00 on 7/14/2020	846.3	1148.0	301.7	Emergency Use, Power outage at TA-33 SCIF	Randy Griego
9/21/2020	9:00	10:35	1148.0	1149.6	1.6	Maintenance	Ron Vigil
1/28/2021	11:30	11:45	1149.6	1149.9	0.3	Maintenance	Brian Trujillo
5/12/2021	9:00	11:00	1149.9	1151.0	2	Test	Randy Griego
5/13/2021	11:30	14:30	1151.0	1154.0	3	Test	Randy Griego
5/14/2021	10:30	14:30	1154.0	1158.0	4	Test	Randy Griego
5/17/2021	7:30	14:30	1158.0	1165.0	7	Test	Randy Griego
5/19/2021	8:30	11:30	1165.0	1168.2	3	Test	Randy Griego

Version June 2021 | Air Quality Permit P100-R2M4, Section A1104

Asked operators to note time of operation.

ATTACHMENT A1104.B.

Internal Combustion

Permitted Generator Hours

YEAR **2021** **Permitted Generators**

										First Half			Second Half			Annual
Permit ID	*Location*	*ID #*	*Engine Make*	*Engine Model*	*Engine Serial #*	*Generator Rating kWe*	*Engine Rating kWm*	*Reading 2nd half of previous year*		*6 Month Reading Date*	*Reading*	*Hours Run*	*12 Month Reading Date*	*Reading*	*Hours Run*	*Hours Run*
TA-33-G-1P	TA-33-Port	G-0053	Cummins	QST30-G5	37199764	1000	1111.5	Dec-20	1149.6	Jun-21	1168.2	18.6	Dec-21		0.0	18.6
TA-33-G-2	TA-33-209	G-0008	Kohler/Yanmar	4TNE84T	52993	20	25	Dec-20	479.4	Jun-21	479.4	0.0	Dec-21		0.0	0.0
TA-33-G-3	TA-33-280	G-0010	Kohler/Yanmar	4TNE84T	52992	20	25	Dec-20	233.9	Jun-21	233.9	0.0	Dec-21		0.0	0.0
TA-33-G-4	TA-33-151	G-0007	Caterpillar	3306	8JJ00615	225	281.25	Dec-20	3977.0	Jun-21	3985.0	8.0	Dec-21		0.0	8.0
RLUOB-GEN-1	TA-55-585	G-0058	Cummins	KTA50G9	25314401	1500	1656.1	Dec-20	222.2	Jun-21	222.2	0.0	Dec-21		0.0	0.0
RLUOB-GEN-2	TA-55-584	G-0059	Cummins	KTA50G9	25314399	1500	1656.1	Dec-20	297.3	Jun-21	328.5	31.2	Dec-21		0.0	31.2
RLUOB-GEN-3	TA-55-583	G-0060	Cummins	KTA50G9	33185566	1500	1656.1	Dec-20	246.1	Jun-21	273.5	27.4	Dec-21		0.0	27.4
TA-48-GEN-1	TA-48-1	G-0067	Cummins	QSB7-G3 NR3	73176927	150	186	Dec-20	0.0	Jun-21	0.0	0.0	Dec-21		0.0	0.0
TA-55-GEN-1	TA-55-PF10	G-0065	Isuzu	BZ-4LE2T	4LE2-298868	30	40.2	Dec-20	15.0	Jun-21	16.4	1.4	Dec-21		0.0	1.4
TA-55-GEN-2	TA-55-PF11	G-0066	Isuzu	BZ-4LE2T	4LE2-299432	30	40.2	Dec-20	29.1	Jun-21	29.8	0.7	Dec-21		0.0	0.7
TA-55-GEN-3	TA-55-371	G-0064	Caterpillar	C32	SYCO5263	900	1335	Dec-20	137.7	Jun-21	142.4	4.7	Dec-21		0.0	4.7

Notes: TA-48-GEN-1 has not started up as of June 2021.

The TA-33 225 kW & two 20 kW generators have limits of 500 hrs/yr.

RLUOB-GENs, TA-48 GEN, TA-55-GENs are subject to NSPS IIII regulation; nonemergency operation limited to 100 hrs/yr.

Reviewed by / Date: Katelyn Mahoney 7/19/2021

ATTACHMENT A1106.A.

Internal Combustion

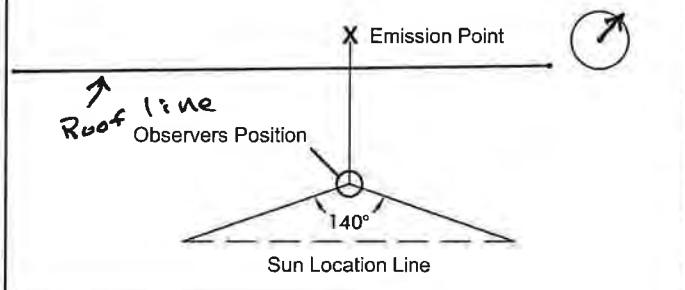
Method 9 Opacity Reports

AeroMet
Engineering, Inc
www.aeromet.org

Visible Emissions Observation Form

SOURCE NAME: RLUOB-GEN-2	OBSERVATION DATE: 4-20-2021	START TIME: 1010
ADDRESS: TA-55-584 (GEN-B)		STOP TIME: 1020
CITY: Los Alamos	STATE: NM	ZIP: 87544
PHONE: 505-665-8893	SOURCE ID NUMBER: ~~FG-5~~ NA	
PROCESS EQUIPMENT: Generator	OPERATING MODE: Under load	
CONTROL EQUIPMENT: None	OPERATING MODE: NA	
DESCRIBE EMISSION POINT START: Stack		
HEIGHT ABOVE GROUND LEVEL: 210'	HEIGHT RELATIVE TO OBSERVER START: 30' STOP: 30'	
DISTANCE FROM OBSERVER START: 90' STOP: 90'	DIRECTION FROM OBSERVER START: 280°W STOP: 280°W	
DESCRIBE EMISSIONS START: Black STOP: Clear		
EMISSION COLOR START: Black STOP: clear	PLUME TYPE: CONTINUOUS ☑ FUGITIVE ☐ INTERMITTENT ☐	
WATER DROPLETS PRESENT: NO ☑ YES ☐	IF WATER DROPLET PLUME: ATTACHED ☐ DETACHED ☐	
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED START: Top of Stack STOP: Top of Stack		
DESCRIBE BACKGROUND START: Blue sky, mountain STOP: Sky, Mountain		
BACKGROUND COLOR START: Blue, Brown STOP: same	SKY CONDITIONS START: Blue STOP: Blue	
WIND SPEED START: 11 mph STOP:	WIND DIRECTION START: S-SW STOP: S-SW	
AMBIENT TEMP START: 38°F STOP:	WET BULB TEMP: NA	RH.percent: 51 %

Source Layout Sketch



Key
☼ Sun < Plume → Wind

SEC / MIN	0	15	30	45	SEC / MIN	0	15	30	45
1	0	0	0	0	31		~~0~~ 5 4-20-2021		
2	5	0	0	x	32				
3	0	0	0	0	33				
4	0	0	0	0	34				
5	0	0	0	0	35				
6	0	0	0	0	36				
7	0	0	0	0	37				
8	0	0	0	5	38				
9	5	5	0	10	39				
10	5	0	0	10	40				
11	5 4-20-2021				41				
12					42				
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14					44				
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28					58				
29					59				
30					60				

AVERAGE OPACITY FOR 10 min HIGHEST PERIOD average 1.25 | NUMBER OF READINGS ABOVE 0 % WERE 8

RANGE OF OPACITY READINGS MINIMUM 0 MAXIMUM 10

OBSERVER'S NAME (PRINT): Stephen Cossey

COMMENTS: Readings performed on roof of TA-55-400

Met data source - LANL weather

OBSERVER'S SIGNATURE: Stephen Cossey | DATE: 4-20-2021

ORGANIZATION: LANL

I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS
SIGNATURE

CERTIFIED BY: Aero Met | DATE: 4-8-2021

TITLE | DATE

VERIFIED BY: | DATE

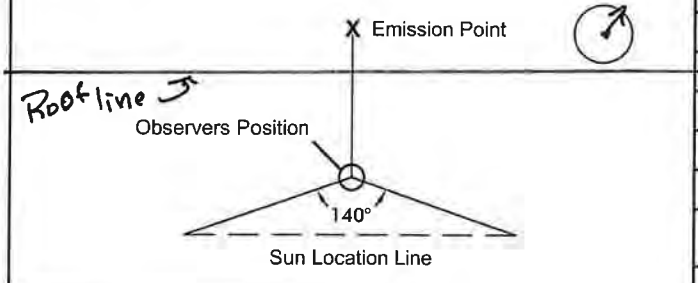
AeroMet Engineering, Inc
www.aeromet.org

Visible Emissions Observation Form

SOURCE NAME: PLUTO-GEN-3	OBSERVATION DATE: 4-20-2021	START TIME: 1035
ADDRESS: TA-55-583 (GEN-C)		STOP TIME: 1045
CITY: Los Alamos	STATE: NM	ZIP: 87544
PHONE: 505-665-8893	SOURCE ID NUMBER: NA	
PROCESS EQUIPMENT: Generator	OPERATING MODE: Under load	
CONTROL EQUIPMENT: None	OPERATING MODE: NA	
DESCRIBE EMISSION POINT: START Stack		
HEIGHT ABOVE GROUND LEVEL: 210'	HEIGHT RELATIVE TO OBSERVER: START 30' STOP 30'	
DISTANCE FROM OBSERVER: START 90' STOP 90'	DIRECTION FROM OBSERVER: START 280°W STOP 280°W	
DESCRIBE EMISSIONS: START Black STOP clear		
EMISSION COLOR: START Black STOP clear	PLUME TYPE: CONTINUOUS ☑ FUGITIVE ☐ INTERMITTENT ☐	
WATER DROPLETS PRESENT: NO ☑ YES ☐	~~IF WATER DROPLET PLUME:~~ ATTACHED ☐ DETACHED ☐	
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED: START Top of Stack STOP Top of Stack		
DESCRIBE BACKGROUND: START Blue Sky, Mountain STOP Same		
BACKGROUND COLOR: START Blue, Brown STOP same	SKY CONDITIONS: START Blue STOP same	
WIND SPEED: START 11 mph STOP 11 mph	WIND DIRECTION: START S-SW STOP S-SW	
AMBIENT TEMP: START 38°F STOP	WET BULB TEMP: NA	RH.percent: 51%

Source Layout Sketch

Draw North Arrow



Key: ☼ Sun — Plume → Wind

SEC / MIN	0	15	30	45	SEC / MIN	0	15	30	45
1	15	0	5	0	31				
2	0	0	0	0	32				
3	0	0	0	0	33				
4	0	0	0	0	34				
5	0	0	0	0	35				
6	0	0	0	0	36				
7	0	0	0	0	37				
8	0	0	0	5	38				
9	0	0	5	5	39				
10	0	5	5	15	40				
11	10				41				
12	14 4.20-2021				42				
13					43				
14					44				
15					45				
16					46				
17					47				
18					48				
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25					55				
26					56				
27					57				
28					58				
29					59				
30					60				

AVERAGE OPACITY FOR 10 min HIGHEST PERIOD average 1.5 — NUMBER OF READINGS ABOVE 0 % WERE 7

RANGE OF OPACITY READINGS: MINIMUM 0 MAXIMUM 15

OBSERVER'S NAME (PRINT): Stephen Cossey

COMMENTS: Readings performed on roof of TA55-400

OBSERVER'S SIGNATURE: Stephen Cossey — DATE: 4-20-2021

Met data source - LANL weather

ORGANIZATION: LANL

I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS
SIGNATURE

CERTIFIED BY: AeroMet — DATE: 4-8-2021

TITLE — DATE

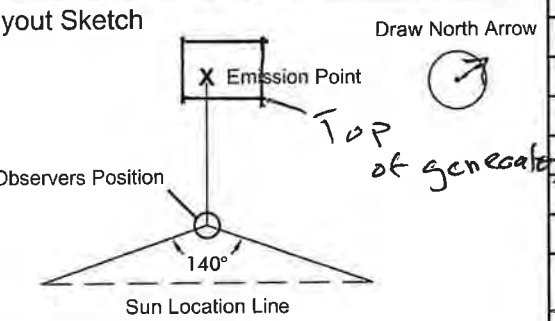
VERIFIED BY: — DATE

AeroMet
Engineering, Inc
www.aeromet.org

Visible Emissions Observation Form

SOURCE NAME: TA-55 PF10 TA55-GEN-1	OBSERVATION DATE: 5-10-2021
ADDRESS: TA55 PF10, LANL	START TIME: 0906
CITY: Los Alamos	STATE: NM
ZIP: 87544	STOP TIME: 0916
PHONE: 505-665-2893	SOURCE ID NUMBER: TA-55-GEN-1
PROCESS EQUIPMENT: Diesel Generator	OPERATING MODE: Normal
CONTROL EQUIPMENT: None	OPERATING MODE: Normal
DESCRIBE EMISSION POINT START: Exhaust	
HEIGHT ABOVE GROUND LEVEL: 5'	HEIGHT RELATIVE TO OBSERVER START: -1' STOP: -1'
DISTANCE FROM OBSERVER START: 10' STOP: 10'	DIRECTION FROM OBSERVER START: NNW STOP: NNW
DESCRIBE EMISSIONS START: White/clear STOP: clear	
EMISSION COLOR START: White STOP: Clear	PLUME TYPE: CONTINUOUS ☑ FUGITIVE ☐ INTERMITTENT ☐
WATER DROPLETS PRESENT: NO ☑ YES ☐	IF WATER DROPLET PLUME: ATTACHED ☐ DETACHED ☐ N/A
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED START: Top of Exhaust STOP: Same	
DESCRIBE BACKGROUND START: Biege structure STOP: Same	
BACKGROUND COLOR START: Biege STOP: same	SKY CONDITIONS START: Partly cloudy STOP: Same
WIND SPEED START: 17mph STOP: 17mph	WIND DIRECTION START: SE STOP: SE
AMBIENT TEMP START: 56°F STOP: 56°F	WET BULB TEMP: NA; RH.percent: 44°

Source Layout Sketch



Key
☼ Sun < Plume → Wind

SEC / MIN	0	15	30	45	SEC / MIN	0	15	30	45
1	0	0	0	0	31				
2	0	0	0	0	32				
3	0	0	0	0	33				
4	0	0	0	0	34				
5	0	0	0	0	35				
6	0	0	0	0	36				
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29					59				
30					60				

AVERAGE OPACITY FOR HIGHEST PERIOD: 0
NUMBER OF READINGS ABOVE: 0 % WERE 0
RANGE OF OPACITY READINGS MINIMUM: 0 MAXIMUM: 0
OBSERVER'S NAME (PRINT): Stephen Cossey
OBSERVER'S SIGNATURE: Stephen Cossey
DATE: 5-10-2021
ORGANIZATION: EPC-CP
CERTIFIED BY: Aero Met
DATE: 4-8-2021
VERIFIED BY:
DATE:

COMMENTS: Met data source - LANL Weather

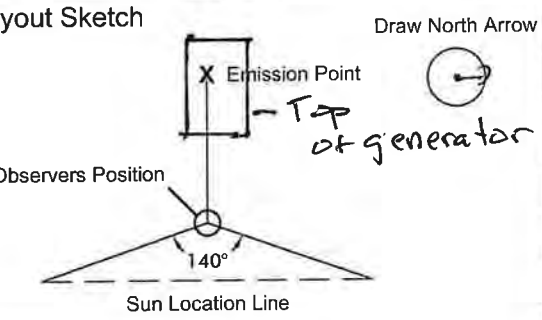
I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS
SIGNATURE
TITLE
DATE

AeroMet
Engineering, Inc
www.aeromet.org

Visible Emissions Observation Form

SOURCE NAME: TA-55 PF-1b TA-55-GEN-2	OBSERVATION DATE: 5-10-2021
ADDRESS: TA-55, PF-11, LANL	START TIME: 0938
CITY: Los Alamos / STATE: NM / ZIP: 87544	STOP TIME: 0948
PHONE: 505-665-8893 / SOURCE ID NUMBER:	
PROCESS EQUIPMENT: None / OPERATING MODE: Normal	
CONTROL EQUIPMENT: None / OPERATING MODE: Normal	
DESCRIBE EMISSION POINT: START Exhaust	
HEIGHT ABOVE GROUND LEVEL: 5' / HEIGHT RELATIVE TO OBSERVER: START -1' STOP -1'	
DISTANCE FROM OBSERVER: START 8' STOP 8' / DIRECTION FROM OBSERVER: START W STOP W	
DESCRIBE EMISSIONS: START White STOP Clear	
EMISSION COLOR: START White STOP Clear / PLUME TYPE: CONTINUOUS ☑ FUGITIVE ☐ INTERMITTENT ☐	
WATER DROPLETS PRESENT: NO ☑ YES ☐ / IF WATER DROPLET PLUME: ATTACHED ☑ DETACHED ☐	
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED: START Exhaust, Top STOP Same	
DESCRIBE BACKGROUND: START Biege structure STOP Same	
BACKGROUND COLOR: START Biege STOP Biege / SKY CONDITIONS: START Partly Cloudy STOP Same	
WIND SPEED: START 17mph STOP Same / WIND DIRECTION: START SE STOP SE	
AMBIENT TEMP: START 56°F STOP 56°F / WET BULB TEMP: NA / RH percent: 44%	

Source Layout Sketch



Key: ☼ Sun = Plume → Wind

SEC / MIN	0	15	30	45	SEC / MIN	0	15	30	45
1	0	0	0	0	31				
2	0	0	0	0	32				
3	0	0	0	0	33				
4	0	0	0	0	34				
5	0	0	0	0	35				
6	0	0	0	0	36				
7	0	0	0	0	37				
8	0	0	0	0	38				
9	0	0	0	0	39				
10	0	0	0	0	40				
11					41				
12					42				
13					43				
14					44				
15					45				
16					46				
17					47				
18					48				
19					49				
20					50				
21					51				
22					52				
23					53				
24					54				
25					55				
26					56				
27					57				
28					58				
29					59				
30					60				

AVERAGE OPACITY FOR HIGHEST PERIOD: 0 / NUMBER OF READINGS ABOVE: 0 % WERE 0

RANGE OF OPACITY READINGS: MINIMUM 0 MAXIMUM 0

OBSERVER'S NAME (PRINT): Stephen Cossey

OBSERVER'S SIGNATURE: Stephen Cossey / DATE: 5-10-2021

ORGANIZATION: EPC-CP

CERTIFIED BY: AeroMet / DATE: 4-8-2021

VERIFIED BY: / DATE:

COMMENTS: Met data source - LANL Weather

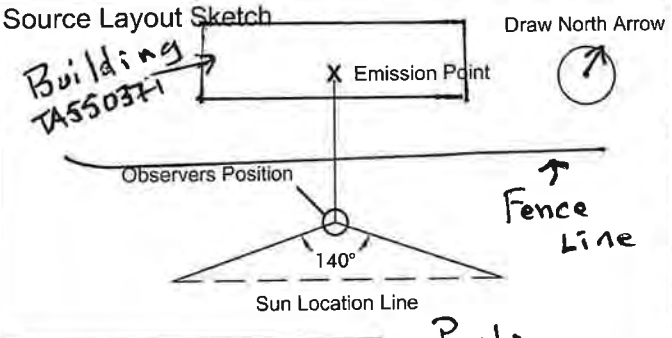
I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS
SIGNATURE / TITLE / DATE

AeroMet
Engineering, Inc
www.aeromet.org

Visible Emissions Observation Form

SOURCE NAME	TA-55-GEN3-0371
ADDRESS	TA-55-0371, LANL
CITY	Los Alamos
STATE	NM
ZIP	87545
PHONE	505-665-8893
SOURCE ID NUMBER	TA-55-371
PROCESS EQUIPMENT	Generator, diesel
OPERATING MODE	Normal
CONTROL EQUIPMENT	None
OPERATING MODE	Normal
DESCRIBE EMISSION POINT START	Stack
HEIGHT ABOVE GROUND LEVEL	19'
HEIGHT RELATIVE TO OBSERVER START	25' STOP 25'
DISTANCE FROM OBSERVER START	250' STOP 250'
DIRECTION FROM OBSERVER START	271° W STOP 271° W
DESCRIBE EMISSIONS START	Black STOP clear
EMISSION COLOR START	Black STOP clear
PLUME TYPE: CONTINUOUS ☑ FUGITIVE ☐ INTERMITTENT ☐	
WATER DROPLETS PRESENT: NO ☑ YES ☐	
IF WATER DROPLET PLUME: ATTACHED ☐ DETACHED ☐	NA
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED START	Top of stack STOP Top of stack
DESCRIBE BACKGROUND START	Blue/Tree STOP Blue/Tree
BACKGROUND COLOR START	Blue/Brown STOP Blue/Brown
SKY CONDITIONS START	Blue STOP Blue
WIND SPEED START	4 mph STOP 4 mph
WIND DIRECTION START	E STOP E
AMBIENT TEMP START	55°F STOP 55°F
WET BULB TEMP	NA
RH.percent	34%

Source Layout Sketch



Key
☼ Sun = Plume → Wind

OBSERVATION DATE	START TIME	STOP TIME
5-5-2021	0956	0906

MIN	0	15	30	45	MIN	0	15	30	45
1	5	0	0	5	31				
2	0	0	0	0	32				
3	0	5	0	0	33				
4	0	0	0	0	34				
5	0	0	0	0	35				
6	0	5	0	0	36				
7	0	0	0	0	37				
8	0	0	0	0	38				
9	0	0	0	5	39				
10	5	0	0	0	40				
11					41				
12					42				
13					43				
14					44				
15					45				
16					46				
17					47				
18					48				
19					49				
20					50				
21					51				
22					52				
23					53				
24					54				
25					55				
26					56				
27					57				
28					58				
29					59				
30					60				

AVERAGE OPACITY FOR 10min HIGHEST PERIOD	0.75
NUMBER OF READINGS ABOVE	0 % WERE 6
RANGE OF OPACITY READINGS MINIMUM	0 MAXIMUM 5
OBSERVER'S NAME (PRINT)	Stephen Cossey
OBSERVER'S SIGNATURE	Stephen Cossey
DATE	5-5-2021
ORGANIZATION	TRIAD - EPC-CP
CERTIFIED BY:	AeroMet
DATE	4-8-2021
VERIFIED BY:	
DATE	

COMMENTS: Met data source - LANL weather

I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS
SIGNATURE
TITLE
DATE

ATTACHMENT A1107.A.

Internal Combustion

Operating Records for RLUOB Generators

Gen A

CMRR/RLUOB Emergency Generator Operation Log

Manufacturer _____ **Model** _____

Serial/Unit No. _____

Name	Date	Start Time	End Time	Run Time	Reason*	Notes
Brian Trujillo	1-29-21	—	—	—	Monthly Pm 222.2	
Brian Trujillo	2-23-21				Monthly Pm 222.2	
Brian Trujillo	3-17-21				Monthly Pm 222.2	
Brian Trujillo	4-20-21				Monthly Pm 222.2	
Brian Trujillo	6/22/21				Monthly Pm 222.2	

*Reason for operation: Emergency Use, Maintenance, Repairs, Testing, etc.

Cummins Generator	Cummins Serial # 1060976811 Gen B				Model DFLE 5754172	
Authorized Worker	Date	Start Time	End Time	Run Time	Run Time Accumulative	Reason/Notes
Brian Trujillo	11OCT2019	1315	1440	3.6	251.9	Monthly, Parallel, FPump, Single load
Brandon Salazar	11-5-19	11:25	12:55	1.6	253.9	Monthly PM
Brandon Salazar	12-3-19	10:00	2:00	3.2	257.5	Monthly
Brandon Salazar	1-8-20	10:30	11:50	2.0	259.8	monthly
Enz Quintana	1.13.20	1350	1409	0.2	260	Power Pump
Brandon Salazar	2-5-20	10:00	2:30	3.1	263.3	Monthly PM
Brandon Salazar	3-3-20	9:00	12:00	2.1	265.4	monthly PM
Brandon Salazar	4-1-20	8:30	1:55	3.4	268.8	monthly PM
Brian Trujillo	5-19-20	1030	1215	1.75	271.5	Monthly Pm
Stephen McNeel	5/28/20	1059	1440	3.9	275.4	Power Pump
Brandon Salazar	6-26-20	8:32	19:20	3.3	278.7	Monthly
Brandon Salazar	7-21-20	9:30	11:20	1.9	280.6	Monthly PM
Brandon Salazar	8-4-20	8:30	11:00	3.6	284.2	Monthly PM
Stephen McNeel	8-27-20	1730	1930	2.0	286.2	Power Pump
Brian Trujillo	9-15-20	0929	1046	2.0	288.2	Monthly Pm
Brian Trujillo	10-7-20	1108	1441	2.6	291.8	Monthly Pm
Brandon Salazar	11-6-20	8:30	10:15	3	294.8	monthly pm
Brandon Salazar	12-3-20	9:12	2:30	3.5	297.3	monthly
Enz Quintana	01/06/21	1134	1154	0.2	297.5	ATS trip during Fire Protection PM
Brian Trujillo	01/29/21	1340	1600	2.2	299.6	Monthly Pm
Brian Trujillo	2/23/21	0917	1218	3.3	303.3	Monthly Pm
Brian Trujillo	3-17-21	0840	1015	1.25hrs	305.3	Monthly Pm
Brian Trujillo	~~3-21-21~~	~~0719/1405~~	~~0913/1523~~	~~2.7hrs~~	D.T. 3-31-21	
Brian Trujillo	4-20-21	0910	0934	24min	305.7	Fire pump ATS monthly Pm
Brian Trujillo	4-20-21	1011	1429	2hrs 48m	308.7	Monthly Pm
Brian Trujillo	5-24-21-5-20-21	1103	1228	Total Run hrs 311.3 1.5	317.8	5yr Pm Valves starts and other times Not Accurate times. Different Crew.
Brian Trujillo	5-28-21	1000	1124	1hr-24min 1.4hrs	319.2	5yr Pm Coolant Change
Brian Trujillo	06-01-21	0822/1503	0944/1608	2hrs-32min 2.8hrs	322.3	5yr Pm Coolant Change
Brian Trujillo	06-02-21	0943	1108	1hr-25min 1.4hrs	323.7	5yr Pm Coolant Change
Brian Trujillo	06-03-21	1103	1228	1hr-25min 1.4hrs	325.1	5yr Pm Coolant Change
Brian Trujillo	06/22/21	0854	1437	3hr. 4min	328.5	Monthly Pm

Cummins Generator	Cummins Serial # 1060976812 Gen C				Model DFLE 5754172	
Authorized Worker	Date	Start Time	End Time	Run Time	Run Time Accumulative	Reason/Notes
Eric Quintana	01/06/21	1134	1154	0.2	246.3	ATS Trip During Fire Protection PM
Brian Trujillo	01/29/21	1340	1751	4.1	249.7	Monthly Run
Brian Trujillo	02/23/21	0917/09	1137	2.0	251.7	Monthly Run
Brian Trujillo	03/17/21	1022	1155	1.5	255.0	monthly Run
Brian Trujillo	03/20/21	0719	1523	2.7	BT 256.4 257.7	5yr Run
Brian Trujillo	3/27/21	0831	1513	2.7	260.4	5yr Run
Brian Trujillo	3/28/21	0821	0942	1.3	261.7	5yr Run
BT Brian Trujillo	3/29/21	1255	1416	1.4	263.1	5yr Run.
Brian Trujillo	3/30/21	1527	1659	1.3	264.6	5yr Run
Brian Trujillo	3/31/21	1046	1216	1.5	266.1	5yr Run
Brian Trujillo	4/20/21	0910	0922	12 min	266.3	Fire pump ATS monthly
Brian Trujillo	4/20/21	1011	1141	1hr. 42min	267.8	Monthly Run
Brian Trujillo	06/22/21	0854	1107	1hr 33min	273.5	monthly Run

ATTACHMENT A1107.B.

Internal Combustion

Operating Records for Permitted Emergency Generators

TA-48-GEN-1 has been installed, but is not yet operating.

See Attachment A1104.B. for TA-55-GEN-1, TA-55-GEN-2 and TA-55-GEN-3 records.

ATTACHMENT A1207.A.

Data Disintegrator

Operating Logs

TA-52 Data Disintegrator Destruction Log

January 2021

This log is for materials shredded in the Data Desintegrator described in section A1207 of the LANL Title -V Operating Permit. Record any maintenance performed under comments. All materials shredded should be recorded in number of boxes (standard burn box).

Date	Number of Boxes Destroyed	Comments
4-Jan	47	
5-Jan	57	
6-Jan	58	
7-Jan	54	
8-Jan	38	
9-Jan	0	
10-Jan	0	
11-Jan	63	
12-Jan	60	
13-Jan	63	
14-Jan	35	
15-Jan	30	
16-Jan	0	
17-Jan	0	
18-Jan	0	
19-Jan	0	
20-Jan	62	
21-Jan	61	
22-Jan	9	
23-Jan	0	
24-Jan	0	
25-Jan	0	
26-Jan	0	
27-Jan	66	
28-Jan	66	
29-Jan	0	
30-Jan	0	
31-Jan	0	
TOTAL 769		

TA-52 Data Disintegrator Destruction Log

February 2021

This log is for materials shredded in the Data Desintegrator described in section A1207 of the LANL Title -V Operating Permit. Record any maintenance performed under comments. All materials shredded should be recorded in number of boxes (standard burn box).

Date	Number of Boxes Destroyed	Comments
1-Feb		
2-Feb	65	
3-Feb	56	
4-Feb	55	
5-Feb	56	
6-Feb		
7-Feb		
8-Feb	62	
9-Feb	67	
10-Feb	57	
11-Feb	60	
12-Feb		
13-Feb		
14-Feb		
15-Feb		
16-Feb		
17-Feb	25	
18-Feb	33	
19-Feb	30	
20-Feb		
21-Feb		
22-Feb	51	
23-Feb	57	
24-Feb	55	
25-Feb	2	
26-Feb	30	
27-Feb		
28-Feb		
TOTAL	761	

TA-52 Data Disintegrator Destruction Log

March 2021

This log is for materials shredded in the Data Desintegrator described in section A1207 of the LANL Title -V Operating Permit. Record any maintenance performed under comments. All materials shredded should be recorded in number of boxes (standard burn box).

Date	Number of Boxes Destroyed	Comments
1-Mar	66	
2-Mar	70	
3-Mar	61	
4-Mar		
5-Mar	75	
6-Mar	0	
7-Mar	0	
8-Mar	42	
9-Mar	70	
10-Mar	24	
11-Mar	62	
12-Mar	51	
13-Mar	0	
14-Mar	0	
15-Mar	101	
16-Mar	95	
17-Mar	87	
18-Mar	100	
19-Mar	70	
20-Mar	0	
21-Mar	0	
22-Mar	92	
23-Mar	97	
24-Mar	0	
25-Mar	37	
26-Mar	68	
27-Mar	0	
28-Mar	0	
29-Mar	90	
30-Mar	91	
31-Mar	70	
TOTAL	1519	

TA-52 Data Disintegrator Destruction Log

April 2021

This log is for materials shredded in the Data Desintegrator described in section A1207 of the LANL Title -V Operating Permit. Record any maintenance performed under comments. All materials shredded should be recorded in number of boxes (standard burn box).

Date	Number of Boxes Destroyed	Comments
1-Apr	80	
2-Apr	33	
3-Apr	0	
4-Apr	0	
5-Apr	70	
6-Apr	81	
7-Apr	72	
8-Apr	41	
9-Apr	80	
10-Apr	0	
11-Apr	0	
12-Apr	82	
13-Apr	80	
14-Apr	62	
15-Apr	74	
16-Apr	0	
17-Apr	0	
18-Apr	0	
19-Apr	70	
20-Apr	67	
21-Apr	0	
22-Apr	0	
23-Apr	0	
24-Apr	0	
25-Apr	0	
26-Apr	55	
27-Apr	53	
28-Apr	74	
29-Apr	69	
30-Apr	0	
TOTAL	1143	

TA-52 Data Disintegrator Destruction Log

May 2021

This log is for materials shredded in the Data Disintegrator described in section A1207 of the LANL Title -V Operating Permit. Record any maintenance performed under comments. All materials shredded should be recorded in number of boxes (standard burn box).

Date	Number of Boxes Destroyed				Comments
	CUI Paper	Classified Paper	CUI Media	Classified Media	
1-May-21	0	0	0	0	Saturday
2-May-21	0	0	0	0	Sunday
3-May-21	35	0	0	0	3 Pick-Ups/EJ training/10:56 a.m. Lightning Watch 12:10 p.m.
4-May-21	50	2	0	0	3 Pick-Ups/2 Boxes Classified/EJ COVID 2nd shot @4:18 p.m.
5-May-21	15	24	0	0	FSR Submitted on Broken Heater/ Pick-Up half of classified
6-May-21	10	0	0	0	FSR Submitted Broken Heater/Crew worked heater most of the day/Pick up last half of classified
7-May-21	0	0	0	0	Friday - Destruction Crew Off - Schedule 4/10
8-May-21	0	0	0	0	Saturday
9-May-21	0	0	0	0	Sunday
10-May-21	17	0	0	0	1 Pick-Up/Report to salvage after lunch
11-May-21	35	31	0	0	3 Pick-Ups
12-May-21	0	0	0	0	Destruction Crew supporting Salvage Operations
13-May-21	0	55	0	0	Evan from SSO (SAP) came to shred/Destruction Crew was on the premises
14-May-21	0	0	0	0	Friday - Destruction Crew Off - Schedule 4/10
15-May-21	0	0	0	0	Saturday
16-May-21	0	0	0	0	Sunday
17-May-21	0	0	0	0	Destruction Crew supporting Salvage Operations
18-May-21	63	0	0	0	4 Pick-Ups-Got back to TA-52 by 10:07 a.m./EJ Phase II@2:00 p.m.
19-May-21	59	0	0	0	2 Pick-Ups-3 person Crew/Lightning Watch @ 2:36 pm/Lighting watch@3:06
20-May-21	11	60	0	0	John Vigil helped support Evan from SSO (SAP) with Classified shred
21-May-21	0	0	0	0	Friday - Destruction Crew Off - Schedule 4/10
22-May-21	0	0	0	0	Saturday
23-May-21	0	0	0	0	Sunday
24-May-21	34	0	0	0	Morning Pick-Up & Shredding/Afternoon Moving New Property Manager
25-May-21	74	0	0	0	1 Pick-Up
26-May-21	44	0	0	0	3 Pick-Ups morning/Meeting @10:00 am
27-May-21	12	48	0	0	2 Pick-Ups
28-May-21	0	0	0	0	Friday - Destruction Crew Off - Schedule 4/10
29-May-21	0	0	0	0	Saturday
30-May-21	0	0	0	0	Sunday
31-May-21	0	0	0	0	Monday - Holiday - Memorial Day
Total	459	220	0	0	
Grand Total	679				

TA-52 Data Disintegrator Destruction Log

June 2021

This log is for materials shredded in the Data Disintegrator described in section A1207 of the LANL Title -V Operating Permit. Record any maintenance performed

Date	Number of Boxes Destroyed				Comments
	CUI Paper	Classified Paper	CUI Media	Classified Media	
1-Jun-21	10	54	0	0	1 Classified Pick-Up/10 CUI Boxes from previous pick-up shredded
2-Jun-21	68	0	14	0	2 Pick-Ups Media & Paper/Lightning Watch Stop Work at 11:52 am/Restarted @2:10 p.m./50 CUI Boxes from previous pick-up shredded
3-Jun-21	10	30	0	0	SSO Classified shred in the morning/1 pick-up
4-Jun-21	0	0	0	0	Friday-Destruction Off- Schedule 4/10
5-Jun-21	0	0	0	0	Saturday
6-Jun-21	0	0	0	0	Sunday
7-Jun-21	60	0	15	0	3 Pick-Ups/Fuel the truck
8-Jun-21	21	0	5	0	2 Pick-Ups CUI Paper/1 Pick-Up Media
9-Jun-21	0	0	0	0	No Pick-Ups
10-Jun-21	0	30	0	0	SSO Classified Shred
11-Jun-21	0	0	0	0	Friday-Destruction Off- Schedule 4/10
12-Jun-21	0	0	0	0	Saturday
13-Jun-21	0	0	0	0	Sunday
14-Jun-21	0	0	0	0	No Pick-Ups/Picked up Empty Boxes from Destruction Facility
15-Jun-21	40	0	8	0	Shred 41 CUI boxes
16-Jun-21	0	0	21	0	3 Pick-Ups of CUI Media
17-Jun-21	0	0	0	0	No pIck-Ups/SSO Cancelled
18-Jun-21	0	0	0	0	Friday-Destruction Off- Schedule 4/10
19-Jun-21	0	0	0	0	Saturday
20-Jun-21	0	0	0	0	Sunday
21-Jun-21	32	0	0	0	2 Pick-Ups/One Location incorrect-Delayed Pick-Up
22-Jun-21	25	0	0	0	Delayed Pick-Up at Building 1400
23-Jun-21	50	0	0	0	2 Pick-Ups -100 Boxes
24-Jun-21	50	0	0	0	Continued with Shred from 6/23/21
25-Jun-21	0	0	0	0	Friday-Destruction Off- Schedule 4/10
26-Jun-21	0	0	0	0	Saturday
27-Jun-21	0	0	0	0	Sunday
28-Jun-21	0	0	0	0	No Pick-Ups/Helped support salvage
29-Jun-21	37	0	0	0	2 Pick-Ups
30-Jun-21	36	0	0	0	2 Pick-Ups
Total	439	114	63	0	
Grand Total	616				

ATTACHMENT A1207.B.

Data Disintegrator

Maintenance Performed

Facility: F07 **Unit:** 520011 **Proj:**
Task Title: 520011 3M SHREDDER/SEPERATOR/SHAKER PM - CHAPARRAL
W/O Type: PM W/O Group: 3PM MOD Task Priority: 4
Planner: 107145 TAFOYA
W/O Title: 520011 3M DOCUMENT SHREDDER/ HARD DRIVE PM - CHAPARRAL
Written To: DOCUMENT SHREDDER/ HARD DRIVE SHREDDER
Task Dspln: XOSC Due Date: 04/30/2021
Job Type: PM D-B Determination: N
Hazard Level: MODERATE IWD Requirement: TASK SPECIFC
Material Required?:

0068666301

4-22

Los Alamos NATIONAL LABORATORY EST. 1943

Work Order Task
00686663 01
MASTER

Date: 1/19/21

Work Order Task Written To

Facility: F07 **Unit:** 520011 **Op Sys:** BLDG
Room: **Area:** **Sys/Cls:** P
Equipment: **Component:**
DOCUMENT SHREDDER/ HARD DRIVE SHREDDER
Equipment Tag: Alternate Tag:
Work item: 520011SP Tech Surv Reqmt Rel: N
PEG Equip Group Type: PEG Equip Group ID:
Crit Safety Control: Property Group:
Maintenance Programs: 1: 2: 3: 4: 5:

Authorization

Start Permission	Carla Tafoya 1/19/2021			Start Date	4/22/21		
Complete Notice				Complete Date	4/22/21		

NOTE: 6/14/2021

*** Refer to attached Form 2101 - Non-Tenant Activity Form - or Form 2102 - Tenant Activity Form - for a description of site specific training or escort and access requirements.**

Work Order 00686663 Task 01

Work Order Task Instructions

PERFORM QUARTERLY PM - Outside Contractor Chaparral

.

52-0011 IS NOT A UI STANDARD INDUSTRIAL BUILDING, A 2101 IS REQUIRED.

.

1424 Disintegrator (paper)

1) Remove Dull Blades, Install sharp blades, sharpen dull blades (if possible), inspect conveyor belt adjust if necessary, grease all zerk.

2) Inspect Dust collector, Clear any clogs from underneath (not to include taking off side panel).

3) Replacement set of disintegrator blades (to keep stock of blades)

4) Remove side panel and inspect filter tubes replace filter tubes if necessary

5) Replacement filter tube set (as needed)

6) Installation of new conveyor belt (if needed)

2436 Disintegrator (Media)

1) Internal and external cleaning of disintegrator, inspection of disintegrator blades, Inspect fluid levels refill as needed, Grease zerks, inspect conveyor belt adjust if necessary.

2) Remove Dull Blades, Install sharp blades, Grease zerks, Inspect conveyor belt adjust if necessary.

3) Inspect filter tubes for tears and cracks replace as necessary, inspect HEPA filter replace as necessary.

4) Replacement disintegrator blades.

5) Replacement HEPA Filter (as needed)

6) Replacement filter tube set (as needed)

7) Installation of new conveyor belt (if needed)

.

CLEAN AREA AND DISPOSE OF DEBRIS

Rework Reason/Cause

		Y/N
CDSG	CUSTOMER DESIGN	☐
IMCW	IMPROPER CONSTRUCTION/WORKMANSHIP	☐
IMDN	IMPROPER DESIGN	☐
PDMS	PARTS/MATERIAL DID NOT MEET SPECIFICATIONS	☐
WR	WARRANTY REWORK/REPAIR	☐

Date: _____ Hours: _____ Crew: _____ Shift: _____

Comments: _____

Work Order 00686663 **Task** 01

Rework/Approval

Deficiency Tag No: Location: Tag Removed:

Rework Job: N Comments:

Trouble Found/Work Performed

Completion Comments Required: N

N/A

Continue on additional sheets? _____

Calibrated Tools

Calibrated Tool Used? ☐ Y/N

File ID	Date Used	File ID	Date Used

N/A

Work Delay Reason

A	ACCESS	☐ Y/N
EQPT	EQUIPMENT	☐ Y/N
IWD	IWD WORKABILITY	☐ Y/N
LOTO	LOCK OUT/TAG OUT	☐ Y/N
MAT	MATERIAL	☐ Y/N
OPS	OPERATIONS	☐ Y/N
RCT	RCT AVAILABILTY	☐ Y/N
SP	SAFETY PAUSE	☐ Y/N
TEL	TOOLS/EQUIP/LIFTS	☐ Y/N
W	WEATHER	☐ Y/N

N/A

Work Date: Hours: Crew: Shift:

Comments:

Work Order 00686663 **Task** 01

Major Failure/Action Taken

Major Failure:		
Major Action Taken:		
Deficiency Tag Removed:		Y/N
Deficiency Tag Location:		
Deficiency Tag ID:		
Limited Condition of Operation:		Y/N

N/A

Work Completion Signatures

Name	Function/Department	Date
[signature]	[signature]	4/22/21

Comments:
(Rework?)

Equipment List Exceptions

Equipment List	Revision	Equipment List Description
520011SP	000	520011SP

Seq	Fac	Unit	Op Sys	Division	Area	System	Class
	F07	520011	BLDG	BLDG		P	ML4
	Equipment:		UNIT	SHD			

Name: HARD DRIVE SHREDDER
Location: 52-0011
Exception Reason:
Comments:
Equipment Tag:

N/A

Seq	Fac	Unit	Op Sys	Division	Area	System	Class
	F07	520011	BLDG	BLDG		P	ML4
	Equipment:		UNIT	SHD	FILTER	FAB-001	

Name: HARD DRIVE SHREDDER - FILTER
Location: 52-0011
Exception Reason:
Comments:
Equipment Tag:

Seq	Fac	Unit	Op Sys	Division	Area	System	Class
	F07	520011	BLDG	BLDG		P	ML4
	Equipment:		UNIT	SHD	FILTER	FAH-001	

Name: HARD DRIVE SHREDDER - FILTER, HEPA (1 EA)
Location: 52-0011
Exception Reason:
Comments:
Equipment Tag:

Work Order 00686663 Task 01

Equipment List Exceptions

Equipment List	Revision	Equipment List Description
520011SP	000	520011SP

Seq	Fac	Unit	Op Sys	Division	Area	System	Class
	F07	520011	BLDG	BLDG		P	ML4
	Equipment:		UNIT	SP			

Name: SHREDDER-DOCMENT
Location: 52-0011 = INSIDE
Exception Reason:
Comments:
Equipment Tag:

Seq	Fac	Unit	Op Sys	Division	Area	System	Class
	F07	520011	BLDG	BLDG		P	ML4
	Equipment:		UNIT	SPP			

Name: CYCLONE SHAKER (SEPERATOR PARTICULATE) INDOOR/OUTDOOR)
Location: 52-0011
Exception Reason:
Comments:
Equipment Tag:

Seq	Fac	Unit	Op Sys	Division	Area	System	Class
	F07	520011	BLDG	BLDG		P	ML4
	Equipment:		UNIT	SPP	FILTER	FAB-001	

Name: PAPER SHREDDER - FILTER, AIR BAG (25 EA)
Location: 52-0011
Exception Reason:
Comments:
Equipment Tag:

Accounting

Percentage	Cost Center	Activity	Account No	Sub Account No
100.00	8S010A	640CL000	WL2300	00000000

* * * End of Report * * *

684663-01

Form 2103

Los Alamos NATIONAL LABORATORY EST.1943

Integrated Work Document (IWD) Part 3, Validation and Work Release

IWD #_____ Revision #:_____ **Work Release**

By signing below, I verify this activity is compatible with current facility configuration and operating conditions.

FOD designated Operations Manager or other facility point-of-contact for work area

Signature/Z#/Date **(If required by FOD)**: _____

Note: For Standing IWD, release may be given concurrently with signatures on Part 2.

By signing below, I have verified the following:

- I have verified authorization by ensuring approval signatures of the RLM and FOD.
- I have jointly conducted a validation walkdown with workers to confirm the IWD can be performed as written, and that required initial conditions and other prerequisites are in place.
- The assigned workers are authorized and are competent to perform the work in a safe, secure, and environmentally responsible manner.
- I have conducted the pre-job briefing, and all workers (including support workers) have been briefed.
- I have ensured coordination with any required FOD work-area representatives (e.g., area work coordinators).

PIC (Signature/Z#/Date) **Required**: [signature] 193462 4/22/21

Alternate PIC Signatures **acknowledges** PIC authority is assumed for the first time. *(Note: Alternate PICs are required to sign only once, but formal handoff includes conferring with previous PIC to obtain all required information associated with the handoff.)*

Alternate PIC (Signature/Z#/Date) **Required**: _____

Alternate PIC (Signature/Z#/Date) **Required**: _____

Pre-Job Brief Content

- What are the critical steps* or phases of this activity?
- How can we make a mistake at that point?
- What is the worst thing that can go wrong?
- What controls, preventive measures, and bounding conditions are needed?
- What work permits are required and how will we meet their requirements?
- What are the handoffs and coordination requirements among workers and multiple PICs?
- Are there hold-points including those that require sign-offs?
- What are the pause/stop work responsibilities and expectations (e.g., for unanticipated conditions or hazards)?
- How would we respond to alarms and emergencies?
- Are there lessons learned from previous similar work?
- Is other information needed to perform this activity in a safe, secure, and environmentally responsible manner?
- Does everyone agree to the work tasks/steps, hazards, and controls and commit to follow them?

* "Critical steps occur anytime human performance involves a substantial transfer of energy, or movement of solids, liquids, and gases, or the transmission of data and information that , if not performed under control, could cause serious harm to one or more important assets." (Performance Improvement, vol. 53, no. 9, October 2014)

Pre-Job Brief Attendance Roster

By signing below **as required**, I agree to the following:

- I agree to follow the work steps and implement the controls as written as applicable to my work assignments.
- I agree to pause/stop work when conditions or hazards change or when I encounter unexpected conditions during the execution of work, or when work cannot be performed as written, or instructions become unclear during execution.
- I confirm that I am authorized, qualified, and fit to perform the work.

Worker (Signature/Z#/Date) [signature] 19962 4/22/21	**Worker** (Signature/Z#/Date)
Worker (Signature/Z#/Date)	**Worker** (Signature/Z#/Date)
Worker (Signature/Z#/Date)	**Worker** (Signature/Z#/Date)
Worker (Signature/Z#/Date)	**Worker** (Signature/Z#/Date)
Worker (Signature/Z#/Date)	**Worker** (Signature/Z#/Date)
Worker (Signature/Z#/Date)	**Worker** (Signature/Z#/Date)
Worker (Signature/Z#/Date)	**Worker** (Signature/Z#/Date)

6866634

Los Alamos NATIONAL LABORATORY	Facilities Maintenance IWD – (Facility Maintenance Activity Specific Information)		
Subcontract # 310447			Company Name:
Revision #: 00			Activity/Task Title: Standing IWD Chaparral PM work (Temporary IWD.)
Work Document #: (WO # / Task)			Subcontractor Planner (Name/Z#/Date) Kirk David Hess/ 198462/ 6-20-19
			LANL Planner/Preparer (Name/Z#/Date) Nicholas Nelson/ 253914/ 6-19-19
TA: 52	Building: 0011	Room:	Additional Location Description:

1. SCOPE OF WORK

1.1. TA-52-0011 Chaperiel Perform PMs on the Disintegrator (Paper shredder only.)

1424 DISINTEGRATOR (PAPER)

1.1.1. **REMOVE** Dull Blades, Install sharp blades, sharpen dull blades (if possible), inspect conveyor belt adjust if necessary, grease all zerk fittings Quarterly.
1.1.2. **INSPECT** Dust collector, Clear any clogs from underneath (not to include taking off side panel) Quarterly.
1.1.3. **REPLACEMENT** set of disintegrator blades (to keep stock of blades0.)
1.1.4. **REMOVE** side panel and inspect filter tubes replace filter tubes if necessary.
1.1.5. **REPLACEMENT** filter tube set (as needed).
1.1.6. **INSTALLATION** of new conveyor belt (if needed).
1.2. **THIS** IWD is temporary and will only be used for paper shredding! NO MEDIA SHREDDING REPAIRS ALLOWED!

Hazard Analysis (HA) Team: Nicholas Nelson, Kenny Chavez, Christopher Lockmer, Sunee Sandoval, Renee Pacheco. Date: 1-15-19

2. PRECAUTIONS AND LIMITATIONS

2.1. **IF** steps cannot be completed as described, or **IF** unforeseen situations occur, **THEN PAUSE WORK** and

[redacted]

STABILIZE the situation, **CONTACT** your supervisor, and **AWAIT** further instructions before proceeding.

2.1.1. **BARRICADE** the work execution area to keep un-authorized personnel out of the location. All entry personnel must have training and are required to wear the minimum PPE to enter the location.
2.1.2. **CLEAN** up areas using a wet-dry Hepa-Vac or using the wet method and cleaning towels.

Los Alamos	Facilities Maintenance IWD – (Facility Maintenance Activity Specific Information)		
Subcontract # 310447			Company Name:
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TA: 52	Building: 0011	Room:	Additional Location Description:

2.2. **Pest droppings**

2.2.1. **Pest Control** to support in cleaning of pest droppings. Avoid contact with any droppings found.

2.3. **Evacuation**

2.3.1. **During** the pre-job establish a muster zone and go over exit paths.

2.4. **Working from heights**

2.4.1. **WEAR** appropriate fall protection if working from a lift.

2.5. **Overhead work**

2.5.1. **BE** aware of overhead work, never work under another worker.

2.6. **Thermal stress**

2.6.1. **THERMAL** stress can be both hot and cold conditions.
2.6.2. **STAY** hydrated drink plenty of water.
2.6.3. **TAKE** breaks as needed to avoid becoming thermally stressed.

2.7. **THIS** IWD is temporary and will only be used for paper shredding! NO MEDIA SHREDDER REPAIRS ALLOWED!

Signatures, Initials and Place keeping blocks at the end of a step signifies the completion of that step or series of steps.

Action Steps from Section 6 on SHALL utilize Place Keeping and be signed/marked upon completion.

3. PREREQUISITES/INITIAL CONDITIONS

3.1. **NOTIFY** the OMC in advance of work execution.

3.2. **NOTIFY** local IH 48hr in advance before executing the PMs.

3.3. **IH** will attend the pre-job briefings and provide air monitoring during work execution.

3.4. **VERIFY** work is on the POD schedule and is not in conflict of other work activities.

3.5. **VERIFY** a daily pre-job is performed for all affected personnel.

Los Alamos NATIONAL LABORATORY	Facilities Maintenance IWD – (Facility Maintenance Activity Specific Information)		
Subcontract # 310447			Company Name:
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Work Document #: (WO # / Task)			Subcontractor Planner (Name/Z#/Date) Kirk David Hess/ 198462/ 6-20-19
			LANL Planner/Preparer (Name/Z#/Date) Nicholas Nelson/ 253914/ 6-19-19
TA: 52	Building: 0011	Room:	Additional Location Description:

3.6. **KNOW** where evacuation muster, shelter-in-place areas are located.

3.7. **IDENTIFY** individuals to Contact

3.7.1. **CONTACT** OMC prior to work beginning. **JOE ROMERO** @ 667-3662 or 699-6852. Contact Joe if a work change notice is needed or if details need clarification.

3.7.2. **CONTACT** IH **CHRIS LOCKMER** @ 412-0871 for any questions related to health or safety.

3.7.3. **CONTACT** Waste Management **SUNEE SANDOVAL** @ 667-2983 or 695-4345 for any questions with waste.

3.8. **VERIFY** that all tools and equipment are on location and in good condition.

3.8.1. **INSPECT** tools, equipment, and material prior to beginning work. Make sure all material is on site and in a safe location.

3.9. **CONDITIONS** are subject to change. Be sure and cover as much as you can during the pre-job.

3.10. **VERIFY** that support equipment (Arial lift) has been requested and available prior to beginning work (if required).

3.11. **AREA** should be placed in an un-cleared state before chaparral can enter location.

4. Special Training/Medical Requirements

4.1. **CHAPARRAL TRAINING**

4.1.1. **REFERENCE LANL AP-MSS-004.2 SUBCONTRACTOR TRAINING MATRIX**

Los Alamos NATIONAL LABORATORY	Facilities Maintenance IWD – (Facility Maintenance Activity Specific Information)		
Subcontract # 310447			Company Name:
Revision #: 00			Activity/Task Title: Standing IWD Chaparral PM work (Temporary IWD.)
Work Document #: (WO # / Task)			Subcontractor Planner (Name/Z#/Date) Kirk David Hess/ 198462/ 6-20-19
			LANL Planner/Preparer (Name/Z#/Date) Nicholas Nelson/ 253914/ 6-19-19
TA: 52	Building: 0011	Room:	Additional Location Description:

5. Special Tools/Equipment

5.1. SPECIAL TOOLS

5.1.1. SCAFFOLD

5.1.2. HEPA-VAC

5.1.3. PERSONAL AIR MONITORING EQUIPMENT.

5.2. EQUIPMENT

5.2.1. STANDARD PPE TO BE USED WHEN WORKING OUTSIDE THE BUILDING.

5.2.1.1. Standard PPE per contract + Dust masks N-95. and (fall protection when working from lift.)

5.2.2. PPE TO BE WORN INSIDE THE BUILDING.

5.2.2.1. Standard PPE per contract + Dust masks N-95 and (Tyvek is optional.)

Work Instructions

5.3. CHAPARRAL

5.3.1. **CONTACT** and verify OMC has sent notifications to affected personnel. ☐

HOLD POINT

Contact IH **CHRIS LOCKMER** @ 412-0871 to perform air monitoring, and verify that [illegible] are in place prior to begging work.

PIC signature: _____ Z# _____ Date _____

5.3.2. **LO/TO** equipment to be worked on.

5.3.3. **VERIFY** the absence of hazardous energy.

5.3.4. **PERFORM** PM and Maintenance as per the contract and according to the temporary limitations set forth in this IWD.

5.3.5. **PERFORM** Minor repairs to paper shredder as needed following the Contract. If repairs are major note the deficiency's on the PM, and notify the STR & OMC, a new corrective WO may be needed.

5.3.6. **THOROUGHLY** clean the work execution area of all dust using a HEPA-Vac.

Los Alamos	Facilities Maintenance IWD – (Facility Maintenance Activity Specific Information)		
Subcontract # 310447			Company Name:
Revision #: 00			Activity/Task Title: Standing IWD Chaparral PM work (Temporary IWD.)
Work Document #: (WO # / Task)			Subcontractor Planner (Name/Z#/Date) Kirk David Hess/ 198462/ 6-20-19
			LANL Planner/Preparer (Name/Z#/Date) Nicholas Nelson/ 253914/ 6-19-19
TA: 52	Building: 0011	Room:	Additional Location Description:

5.3.7. **REMOVE** LO/TO from equipment and place the equipment into operational state.

6. Post Work Activities

6.1. **CONTACT** Local IH to collect monitoring equipment. ☐

7. Closeout

7.1. **TAKE** the package to the **OMC.** Inform them of work completion and get close out signatures. ☐

7.2. **RETURN** the package to **WORK CONTROL** for final close out. ☐

Los Alamos

Facilities Maintenance IWD – (Facility Maintenance Activity Specific Information)

Subcontract # 318447	Company Name:
Revision #: 00	Activity/Task Title: Standing IWD Chaparral PM work (Temporary IWD.)
Work Document #: (WO # / Task)	Subcontractor Planner (Name/ZA/Date) Kirk David Hess/ 198462/ 6-20-19
	LANL Planner/Preparer (Name/ZA/Date) Nicholas Nelson/ 253914/ 6-19-19
TA: 52 / Building: 0011 / Room:	Additional Location Description:

Insert Rows above for additional Tasks/Steps or attach pages to clearly communicate ESH&Q/S&S hazards and associated controls

IWD Type

- ☒ Moderate-Hazard
- ☐ High-Hazard /Complex
- ☐ Standing IWD

The Subcontractor line manager approves work based upon confidence that this IWD has been jointly prepared with the Contractor, the IWD clearly defines Subcontractor provided work tasks/steps linked to hazards and controls associated with the work to be performed, that the work will be performed within ES&H/S&S requirements and will be performed in accordance with this IWD.

Signature: _____ ZA 198462

Date: 7/17/2019

Subcontractor PIC Signature: _____ ZA 198462

Document Preparer Signature: Nicholas Nelson ZA 253914

STR or Designee Signature: _____ ZA 100459

LANL ES&H Rep Signature: _____ ZA 329907

FOD Rep Signature: _____ ZA 210585

LANL ESO Signature (if required): NA ZA ____

Reviewed by SUBCONTRACTOR ES&H Representative

Signature: _____

ZA 198462 Date: 7/17/2019

68666301

Los Alamos NATIONAL LABORATORY EST. 1943

AP-WORK-004: Attachment 1
Maintenance & Site Services
Worker Engagement Questions

Worker engagement questions are intended to focus attention on the task and ensure uncertainties are addressed. Examples of worker engagement questions are provided below. Worker engagement questions should be tailored to the situation.

Each of the questions listed below will be discussed at each Pre-Job Brief with all affected personnel.

Topic	Completed (X)
What permits, permissions, or support are required to safely start this work?	X
What is the most likely thing that could go wrong (not the worst thing) and what, specifically, will prevent it?	X
What can cause us to go beyond the scope of the work?	X
What hazards in the work area may not have been considered during planning of this job	X

Los Alamos NATIONAL LABORATORY EST. 1943

Form 2101

Integrated Work Document (IWD) Part 2, FOD Requirements and Approval for Entry and Area Hazards and Controls

Non-Tenant Activity Form

IWD No./Work Request No: ____ Revision #: ____

The Facility Operation Director (FOD) must determine the facility entry and coordination requirements and identify the Environment, Safety, Health (ESH)/Security and Safeguards (S&S) hazards and controls associated with the specific activity location.

FOD	TA	Bldg.	Room	Other Location
07	52	0011	ALL	N/A
FOD Designated Facility Point-of-Contact	Name	Phone	Pager	Email
	Alberto Hernandez	(505) 665-7001	N/A	albertoh@lanl.gov

Entry and Coordination Requirements (*Check one or more of the following*)

- ☐ No Entry/Coordination Requirements
- ☒ Plan of the Day/Plan of the Week (POTD/POTW)
- ☐ Security Clearance Requirements
- ☐ Co-located Hazards/Concerns
- ☒ Check out at End of Work
- ☐ Escort Required
- ☐ Other Bounding Conditions: ____
- ☐ FOD-designated facility Point-of-Contact must sign IWD Part 3
- ☒ Check in at Start of Work
- ☒ Work must be Scheduled
- ☒ Other Security Requirements (ex.: Cellphone, No Foreign Nationals, etc.)
- ☐ Quality Issues
- ☐ Review under Authorization Basis (AB)/Safety Basis/Unreviewed Safety Question (USQ)
- ☐ Work-Area Training Required
- ☒ Check in Daily
- ☒ Check out Daily

Additional Comments

Instructions: In the block below, identify work-area hazards that could potentially affect the worker(s) or others. Avoid using the same Part 2, Form 2101 for multiple facilities. Ensure that work area hazards, specific to the facility or work location are identified and controlled. Specify the facility controls and preventive measures that must be implemented by the worker(s) to protect against the work area hazards, and also special training required.

ESH/S&S WORK AREA HAZARDS & CONTROLS

Work Area Hazards/Concerns Identify site hazards and concerns that could potentially affect the worker(s) or others.	**Work Area Hazard Present**	**Facility Controls/ Preventive Measures/ Bounding Conditions** Specify preventive measures, controls and bounding conditions for each site hazard	**Reference Documents** List permits, operating manuals, and other reference procedures	**Training and Qualification** List training requirements (P330, Integrated Work Management, Section 6.1)
☐ **No Work Area Hazards**				
Ionizing Radiation Work in posted radiological areas, work with radioactive materials, or work on or near radiation producing devices. **Specify Hazard:**	☐ Yes ☒ No			

IWD No./Work Request No: _____ Revision #: _____

ESH/S&S WORK AREA HAZARDS & CONTROLS				
Work Area Hazards/Concerns Identify site hazards and concerns that could potentially affect the worker(s) or others.	**Work Area Hazard Present**	**Facility Controls/ Preventive Measures/ Bounding Conditions** Specify preventive measures, controls and bounding conditions for each site hazard	**Reference Documents** List permits, operating manuals, and other reference procedures	**Training and Qualification** List training requirements (P300, Integrated Work Management, Section 6.1)
Worker Exposure Working near non-ionizing radiation, beryllium, noise, chemicals, hazardous biological materials, lead, asbestos, temperature/humidity extremes, or high explosives. **Specify Hazards:** Noise	☒ Yes ☐ No	Noise Hazards: hearing protection required in posted areas. Read and follow requirements of entry postings, warning lights, alarms, labels, etc. Do not enter any area for which you are not trained.	P101-31 Noise and Temperature Stresses and 29CFR 1910.9 29CFR 1910.1200 Hazard Communication	Employees exposed to or above the action level shall complete the PS-13 training course, Hearing Conservation, intitially and annually courses 2430 and 12350
Energized and Operative Systems Working near energized electrical parts, pressure systems, steam lines; near unprotected belts, pulleys, chains or rotating equipment; fuel fired equipment other than vehicles; or spark or flame producing operations. **Specify Hazards:**	☐ Yes ☒ No			
Confined Spaces Entry into tanks, manholes, cooling towers, sumps, or any other area with potentially low oxygen concentration or other hazards such as toxic vapors or engulfment. **Specify Hazards:**	☐ Yes ☒ No			
Elevated Work Surface Elevated work when fall protection is not provided by conventional handrail systems or required per P101-20, *Fall Protection Program*	☐ Yes ☒ No			
Environmental Impact Activities conducted in areas containing potential release site, contaminated soil, sensitive species, watercourse wetlands, floodplain, historical/archeological sites, or other work area condition that can be impacted by or can impact the environment. **Specify Hazards:**	☐ Yes ☒ No			
Security Requirements **Specify:**	☒ Yes ☐ No	Contact POC prior entry the building.		
Other Hazards **Specify:** Snakes, insects and/or rodents	☒ Yes ☐ No			

I have verified that the hazards identified above adequately identify the area hazards and that the IWM process has been applied appropriately.

FOD or Representative (Signature/Z #/Date) **Approval Required** Alberto Hernandez - 347730 Digitally signed by Alberto Hernandez - 347730 Date: 2020.09.17 16:50:25 -06'00'

Date Approval Expires: 9/30/2021

Los Alamos NATIONAL LABORATORY EST. 1943

AP-WORK-002: Attachment 11
Maintenance and Site Services
Work Completion Form

Work Order/Task: 68666631-01

Start Date:	Completion Date: 4/22/21

SUMMARIZE THE WORK PERFORMED

Summarize the Work Performed/Materials Used:

Date	
4/22/21	CHANGED DISINTEGRATOR BLADES
	INSPECTED BOTTOM BAG HOUSE

FOR CORRECTIVE WORK – WHAT FAILED AND WHAT WAS FIXED

	Failure Mode Root Cause Code (Circle Root Causes that Apply)	
Failure Mode	Circuit Breaker Tasks	System Restoration Issues
	Digital Component Tasks	Pump Related Tasks
	Doors/Hatches	Procedure Use
	Electrical Determinations	Rigging/Lifting Tasks
	Failed Surveillance	Electrical Switches
	Fastener Tasks	Troubleshooting Issues
	FME Tasks	Valve Related Tasks
	I&C Calibration/Setpoints	Welding
	Mechanical Connections	Work Instruction Issues
	Other (Specify Root Cause)	
Failure Mode Comments	(Add Details)	
	Rework Mode (Circle Rework Causes that Apply)	
Rework	Cause Indeterminate	Life Cycle Management
	Design Deficiency	PM Deficiency
	Intentionally Abbreviated Maintenance	Rule Base Human Performance Deficiency
	Instructional Deficiency	Skill Base Human Performance Deficiency
	Knowledge Based Human Performance Error	Tools/Equipment/Lifts
	Deficiency	Vendor Deficiency
	Operational Deficiency	Work Management Deficiency
		Weather
	Other (Specify Rework Mode)	
Comments		

FOR PMs – SUMMARIZE AS FOUND AND AS LEFT CONDITIONS BELOW		
	As Found Conditions (Circle Conditions that Apply)	
As found	Unanticipated Failure Failure Not Normal Wear Failure Normal Wear Outside of Tolerance Reliability Degraded	Within Tolerance Satisfactory Superior, Like New Not Applicable
	Other (Specify As Found Condition)	
Comments		
As left	WITHIN TOLERANCE	
Parts/Repairs	SHARPENED BLADES	
Read/meas.		
Post test info.		
Problems Encountered (delays, safety, etc.):		
	Delay Codes (Circle Codes that Apply)	
Delay	Access Equipment IWD Workability Material	Operations RCT Availability Safety Pause Weather # of Hours _____ Date(s)_____
	Other (Specify Reason for Delay)	
Comments		
Lessons Learned/Recommendations:		
Name: KIRK HESS **Z#** 198462 **Signature:** [signature] **Date:** 4/22/21		

PIC/SUPT

☑ PM has been completed in its entirety and ready for closure.

IF A PM COULD NOT BE COMPLETED:

☐ Percentage complete is _____%

☐ Sections that did not work and need to be rescheduled

_____

Reasons why:

MAINTENANCE COORDINATOR/AREA WORK COORDINATOR

Work Package is Complete and may be closed out: YES ☑ NO ☐

IF no: State Reason

Additional Work Needed? ☐ YES ☐ NO

Document UP/WO/FSR Number:_____

ENGINEERING (FOR MD and CD Work Orders)

IF a configuration baseline has been changed, THEN indicate the changes are to be incorporated into the following documents and/or configuration baseline:

☐ Drawings ☐ FDD/SDD

☐ Procedures ☐ Master Equipment List

☐ Permits ☐ Checklists

SE Name: Signature: Date:

WORK CONTROL

Moderate/High Hazard – WMC/Planner reviewed for Lessons Learned/Feedback

☐ YES ☐ NO N/A ☐

☐ Review of the completed work package is complete per AP-WORK-005, and the work package is ready to be set to complete in CMMS.

Name: **Z#** **Signature:** **Date:**

Work Order/Task: 6986663

Start Date: 4/22/21	Completion Date: 4/22/21

ADITIONAL DETAILS ON WORK PERFORMED

Summarize the Work Performed/Materials Used:

Date	(Add details on As Found, Failure Mode, and Lessons Learned etc.)
4/22/21	SHARPENED BLADES

Asset Suite / TIMM611 - WORK ORDER/TASK COST SUMMARY

Select to view audit detail. 'Recalculate' to recalculate percent complete.

Apply | Apply & Go Back | Apply & Clear | Go Back

W/O No. 00686663 Task
W/O Status AWAIT/C W/O Type PM
Desc 52001 3M DOCUMENT SHREDDER/ HARD DRIVE PM - CHAPARRAL
%Complete

Recalculate

Loaded Cost

Export

Component	Est Hrs	Est Cost	Act Hrs	Act Cost
Comp Lbr	0.10	$ 6.20		
Cont Lbr				
In Svcs				
Out Svcs				
Stocked				
Direct				
Equip/Veh				
Misc				
Sub Total		$ 6.20		
Salvage				
Total		$ 6.20		

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PROD_UI

ATTACHMENT A1306.A.

TA-03 Power Plant

Opacity for Sources Combusting Natural Gas

No opacity readings were taken for this source while combusting natural gas during this reporting period. Per Section A1306.A – "Use of natural gas fuel meeting the requirement at Condition A1305.A or B constitutes compliance with 20.2.61 NMAC….."

ATTACHMENT A1306.B.

TA-03 Power Plant

Opacity for Sources Combusting No. 2 Fuel Oil

Los Alamos

LOS ALAMOS NATIONAL LABORATORY (LANL)
VISIBLE EMISSION OBSERVATION FORM (10 MINUTE)

Source Name: TA-3-22 Power & Steam plant Boiler #3

Source Location: TA-3-22

Type of Source: Boiler #3 Fuel oil

Type of Control Equipment: NA

Describe Emission Point (Top of stack, etc.): Top of East Stack

Height Above Ground Level: 150 Feet

Height Relative to Observer: 140 Feet

Distance From Observer: 200 Feet

Direction of Source From Observer: N-NE

Description of Plume (stack exit only)
☐Lofting ☐Trapping ☐Looping ☐Fanning ☐Coning
~~☒No Plume Present~~

Emission Color: NA

Plume Type ☒No Plume Present ☐Continuous ☐Fugitive ☐Intermittent

Water Droplets Present?
☒NO ☐YES If YES, droplet plume is ☐Attached ☐Detached

At what point in the plume was opacity determined?: 2 ft above Stack

Describe Background (i.e. blue sky, trees, etc.): Blue SKY

Background Color: Blue

Sky Conditions: Clear

Wind Speed: 2.7 mph

Wind Direction (provide from/to, i.e. from North to South): SE

Ambient Temperature: 35 °F

Relative Humidity: 55 %

Additional Comments/Information:
Boiler #3, Burner 1
Training run today - Nat gas to fuel oil for Boilers 1/4/5/6 only

Observation Date: 1/21/2021

Start Time: 10:19

End Time: 10:29

Min \ Sec	0	15	30	45	Comments
1	0	0	0	0	
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	0	0	0	0	
10	0	0	0	0	
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Average 10-Minute Opacity: 0 %

Range of Opacity Readings: Min. 0% Max. 0%

OBSERVER (please print)

Name: Jacob Knight Title: DEP

Signature: Jacob Knight Date: 1/21/2021

Observer Organization: EPC-CP

Certified by: ETA Certification Date: 8/11/2020

SOURCE LAYOUT SKETCH

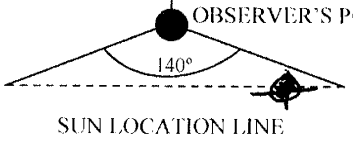
Stack with Plume

Sun

Wind

Emission Point

Draw Arrow in North Direction



Los Alamos

LOS ALAMOS NATIONAL LABORATORY (LANL)
VISIBLE EMISSION OBSERVATION FORM (10 MINUTE)

Source Name: TA-3-22 Power Steam plant Boiler #3

Source Location: TA-3-22

Type of Source: Boiler #3 Fuel oil

Type of Control Equipment: NA

Describe Emission Point (Top of stack, etc.): Top of East Stack

Height Above Ground Level: 150 Feet

Height Relative to Observer: 140 Feet

Distance From Observer: 200 Feet

Direction of Source From Observer: N-NE

Description of Plume (stack exit only)
☐Lofting ☐Trapping ☐Looping ☐Fanning ☐Coning
☒No Plume Present

Emission Color: NA

Plume Type ☒No Plume Present ☐Continuous ☐Fugitive ☐Intermittent

Water Droplets Present?
☒NO ☐YES If YES, droplet plume is ☐Attached ☐Detached

At what point in the plume was opacity determined? 2 ft above Stack

Describe Background (i.e. blue sky, trees, etc.): Blue Sky

Background Color: Blue

Sky Conditions: Clear

Wind Speed: 2 mph

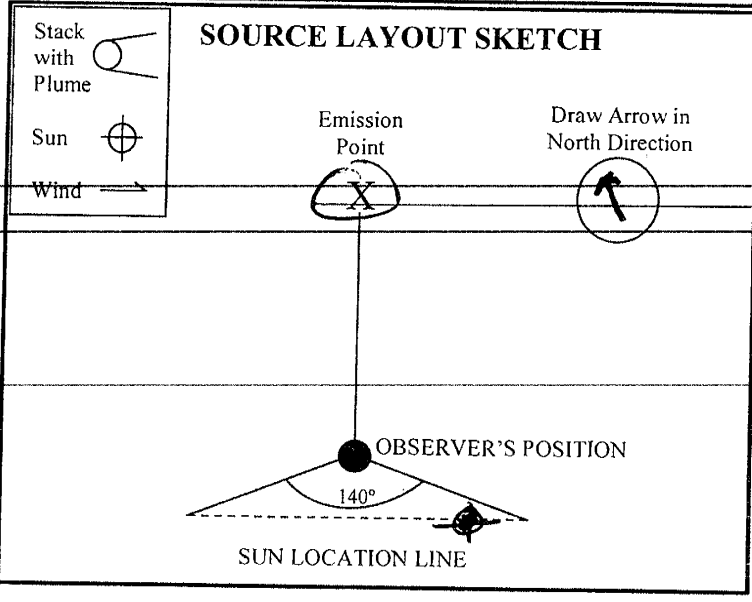
Wind Direction (provide from/to, i.e. from North to South): W to E

Ambient Temperature: 36 °F

Relative Humidity: 54 %

Additional Comments/Information: Burners 1/4

SOURCE LAYOUT SKETCH



Observation Date	Start Time	End Time
1/21/2021	10:29	10:39

Min \ Sec	0	15	30	45	Comments
1	0	0	0	0	
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	0	0	0	0	
10	0	0	0	0	
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Average 10-Minute Opacity: 0 %

Range of Opacity Readings: Min. 0% Max. 0%

~~OBSERVER~~ (please print)

Name: Jacob Knight Title: DEP

Signature: Jacob Knight Date: 1/21/2021

Observer Organization: EPC-CP

Certified by: ETA Certification Date: 8/11/2020

Los Alamos

LOS ALAMOS NATIONAL LABORATORY (LANL)
VISIBLE EMISSION OBSERVATION FORM (10 MINUTE)

Source Name: TA-3-22 Power Steam plant Boiler #3

Source Location: TA-3-22

Type of Source: Boiler #3 Exhaust

Type of Control Equipment: NA

Describe Emission Point (Top of stack, etc.): Top of East Stack

Height Above Ground Level: 150 Feet

Height Relative to Observer: 140 Feet

Distance From Observer: 200 Feet

Direction of Source From Observer: N-NE

Description of Plume (stack exit only)
☒ Lofting ☐ Trapping ☐ Looping ☐ Fanning ☐ Coning
☐ No Plume Present

Emission Color: Black

Plume Type: ☐ No Plume Present ☐ Continuous ☐ Fugitive ☒ Intermittent

Water Droplets Present?
☒ NO ☐ YES If YES, droplet plume is ☐ Attached ☐ Detached

At what point in the plume was opacity determined? 2 ft above stack

Describe Background (i.e. blue sky, trees, etc.): Blue Sky

Background Color: Blue

Sky Conditions: Clear

Wind Speed: 3.4 mph

Wind Direction (provide from/to, i.e. from North to South): E SE

Ambient Temperature: 36 °F

Relative Humidity: 54 %

Additional Comments/Information:
Burners 4/5
1 tripped off

Observation Date: 1/21/2021

Start Time: 10:47

End Time: 10:57

Min \ Sec	0	15	30	45	Comments
1	10	10	10	10	B1 Tripped
2	10	10	5	5	
3	5	5	5	0	B1 Back on
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	5	
7	5	5	5	5	
8	5	5	5	5	
9	0	0	0	0	
10	5	0	0	0	
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Average 10-Minute Opacity: 3.4 %

Range of Opacity Readings: Min. 0 % Max. 10 %

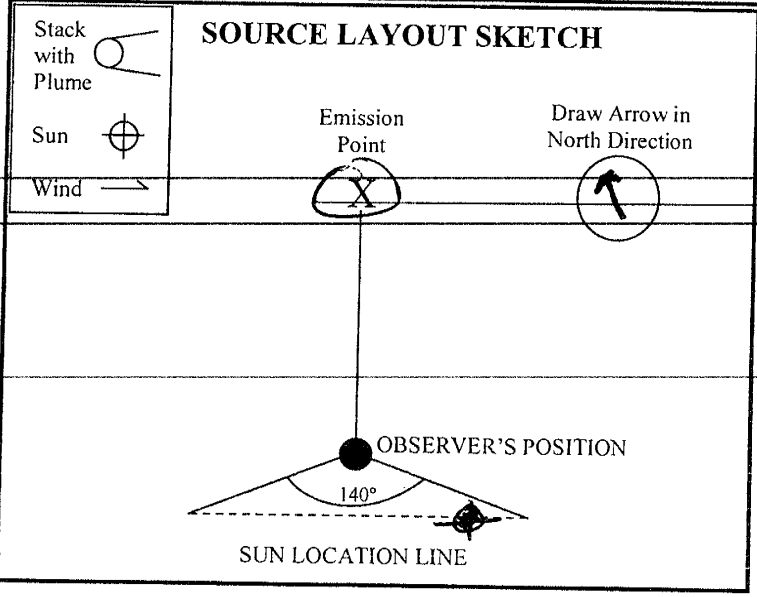
OBSERVER (please print)
Name: Jacob Knight Title: DEP

Signature: Jacob Knight Date: 1/21/2021

Observer Organization: EPC-CP

Certified by: ETA Certification Date: 8/11/2020

SOURCE LAYOUT SKETCH



Los Alamos

LOS ALAMOS NATIONAL LABORATORY (LANL)
VISIBLE EMISSION OBSERVATION FORM (10 MINUTE)

Source Name: TA-3-22 Power; Steam plant Boiler #3

Source Location: TA-3-22

Type of Source: Boiler #3 Fuel oil

Type of Control Equipment: NA

Describe Emission Point (Top of stack, etc.): Top of East Stack

Height Above Ground Level: 150 Feet

Height Relative to Observer: 140 Feet

Distance From Observer: 200 Feet

Direction of Source From Observer: N.NE

Description of Plume (stack exit only)
☐Lofting ☐Trapping ☐Looping ☐Fanning ☐Coning
☒No Plume Present

Emission Color: NA

Plume Type ☒No Plume Present ☐Continuous ☐Fugitive ☐Intermittent

Water Droplets Present?
☒NO ☐YES If YES, droplet plume is ☐Attached ☐Detached

At what point in the plume was opacity determined? 2 ft above Stack

Describe Background (i.e. blue sky, trees, etc.): Blue Sky

Background Color: Blue

Sky Conditions: Clear

Wind Speed: 2.7 mph

Wind Direction (provide from/to, i.e. from North to South): NW-SE

Ambient Temperature: 36 °F

Relative Humidity: 52 %

Additional Comments/Information: Burners 1/4/5

Observation Date: 1/21/2021

Start Time: 11:01

End Time: 11:11

Min \ Sec	0	15	30	45	Comments
1	0	0	0	0	
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	0	0	0	0	
10	0	0	0	0	
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Average 10-Minute Opacity: 0 %

Range of Opacity Readings: Min. 0 % Max. 0 %

OBSERVER (please print)

Name: Jacob Knight Title: DEP

Signature: Jacob Knight Date: 1/21/2021

Observer Organization: EPC-CP

Certified by: ETA Certification Date: 8/11/2020

SOURCE LAYOUT SKETCH

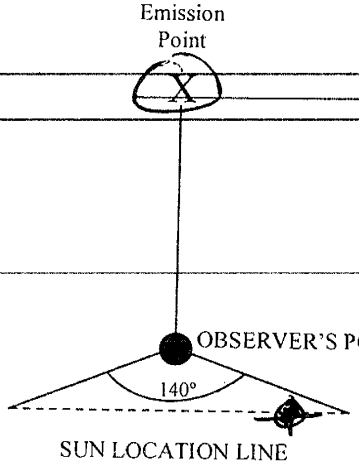
Stack with Plume

Sun

Wind

Emission Point

Draw Arrow in North Direction



Los Alamos

LOS ALAMOS NATIONAL LABORATORY (LANL)
VISIBLE EMISSION OBSERVATION FORM (10 MINUTE)

Source Name: TA-3-22 Power Steam plant Boiler #3

Source Location: TA-3-22

Type of Source: Boiler #3 Fuel oil

Type of Control Equipment: NA

Describe Emission Point (Top of stack, etc.): Top of East Stack

Height Above Ground Level: 150 Feet

Height Relative to Observer: 140 Feet

Distance From Observer: 200 Feet

Direction of Source From Observer: N.NE

Description of Plume (stack exit only)
~~Roofting~~ ☐Trapping ☐Looping ☐Fanning ☐Coning
☐No Plume Present

Emission Color: Black

Plume Type: ☐No Plume Present ☐Continuous ☐ Fugitive ☒Intermittent

Water Droplets Present?
☒NO ☐YES If YES, droplet plume is ☐Attached ☐Detached

At what point in the plume was opacity determined? 2 Ft above Stack

Describe Background (i.e. blue sky, trees, etc.): Blue SKY

Background Color: Blue

Sky Conditions: Clear

Wind Speed: 3.1 mph

Wind Direction (provide from/to, i.e. from North to South): NW · SE

Ambient Temperature: 37 °F

Relative Humidity: 52 %

Additional Comments/Information: Burners 4/6

Observation Date: 1/21/2021

Start Time: 11:20

End Time: 11:30

Min \ Sec	0	15	30	45	Comments
1	5	5	5	5	
2	5	5	5	5	
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	0	0	0	0	
10	0	0	0	0	
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Average 10-Minute Opacity: 1 %

Range of Opacity Readings: Min. 0 % Max. 5 %

OBSERVER (please print)

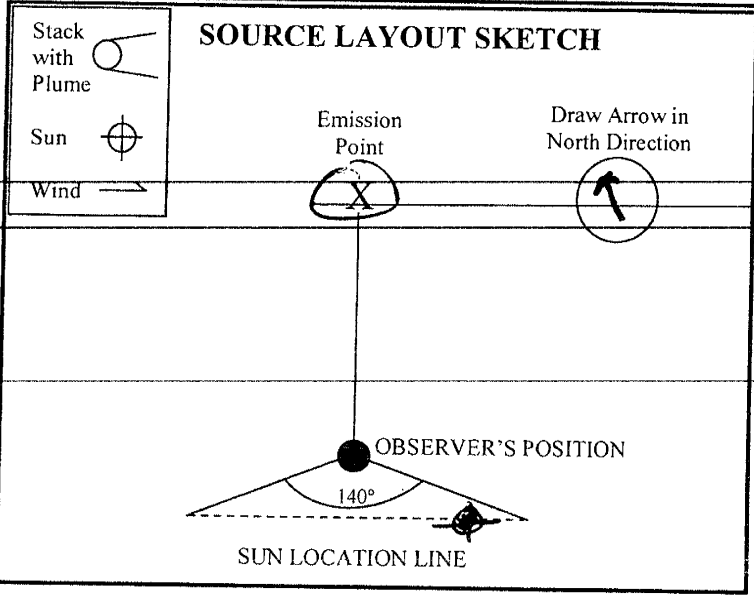
Name: Jacob Knight Title: DEP

Signature: Jacob Knight Date: 1.21.2021

Observer Organization: EPC-CP

Certified by: ETA Certification Date: 8/11/2020

SOURCE LAYOUT SKETCH



Los Alamos

LOS ALAMOS NATIONAL LABORATORY (LANL)
VISIBLE EMISSION OBSERVATION FORM (10 MINUTE)

Source Name: TA-3-22 Power; Steam plant Boiler #3

Source Location: TA-3-22

Type of Source: Boiler #3 Fuel oil

Type of Control Equipment: NA

Describe Emission Point (Top of stack, etc.): Top of East Stack

Height Above Ground Level: 150 Feet

Height Relative to Observer: 140 Feet

Distance From Observer: 200 Feet

Direction of Source From Observer: N.NE

Description of Plume (stack exit only)
☐Lofting ☐Trapping ☐Looping ☐Fanning ☐Coning
☒No Plume Present

Emission Color: NA

Plume Type ☒No Plume Present ☐Continuous ☐Fugitive ☐Intermittent

Water Droplets Present?
☒NO ☐YES If YES, droplet plume is ☐Attached ☐Detached

At what point in the plume was opacity determined? 2 ft above Stack

Describe Background (i.e. blue sky, trees, etc.): Blue SKY

Background Color: Blue

Sky Conditions: Clear

Wind Speed: 3.4 mph

Wind Direction (provide from/to, i.e. from North to South): W - E

Ambient Temperature: 37 °F

Relative Humidity: 52 %

Additional Comments/Information: Burners 4/5/6

Observation Date: 1/21/2021

Start Time: 11:41

End Time: 11:51

Min \ Sec	0	15	30	45	Comments
1	0	0	0	0	
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	0	0	0	0	
10	0	0	0	0	
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Average 10-Minute Opacity: 0 %

Range of Opacity Readings: Min. 0 % Max. 0 %

OBSERVER (please print)

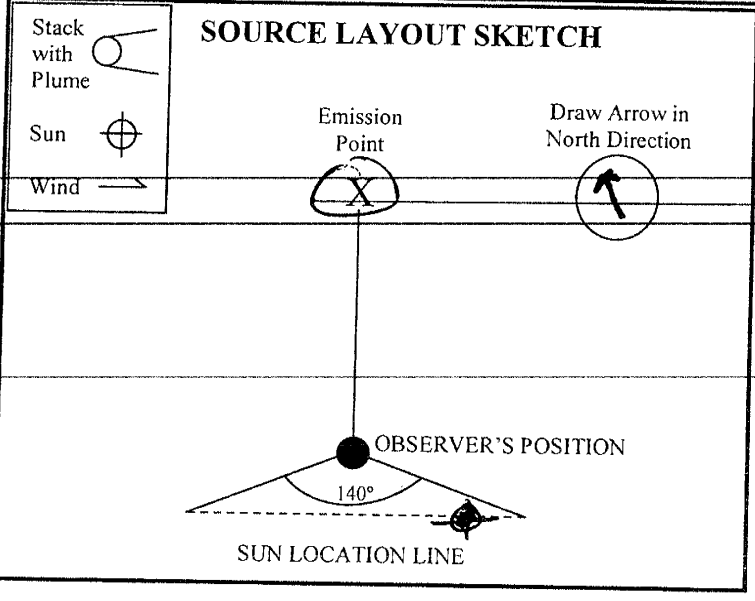
Name: Jacob Knight Title: DEP

Signature: [signature] Date: 1/21/2021

Observer Organization: EPC-CP

Certified by: ETA Certification Date: 8/11/2020

SOURCE LAYOUT SKETCH



Los Alamos

LOS ALAMOS NATIONAL LABORATORY (LANL)
VISIBLE EMISSION OBSERVATION FORM (10 MINUTE)

Source Name: TA-3-22 Power Steam plant Boiler #3

Source Location: TA-3-22

Type of Source: Boiler #3 Fuel oil

Type of Control Equipment: NA

Describe Emission Point (Top of stack, etc.): Top of East Stack

Height Above Ground Level: 150 Feet

Height Relative to Observer: 140 Feet

Distance From Observer: 200 Feet

Direction of Source From Observer: N-NE

Description of Plume (stack exit only)
☐Lofting ☐Trapping ☐Looping ☐Fanning ☐Coning
☒No Plume Present

Emission Color: NA

Plume Type ☒No Plume Present ☐Continuous ☐Fugitive ☐Intermittent

Water Droplets Present?
☒NO ☐YES If YES, droplet plume is ☐Attached ☐Detached

At what point in the plume was opacity determined? 2' above Stack

Describe Background (i.e. blue sky, trees, etc.): Blue SKY

Background Color: Blue

Sky Conditions: Partly cloudy

Wind Speed: 4 mph

Wind Direction (provide from/to, i.e. from North to South): NW-SE

Ambient Temperature: 38 °F

Relative Humidity: 50 %

Additional Comments/Information: Burners 1 | 4 | 5 | 6

Observation Date: 1/21/2021

Start Time: 12:05

End Time: 12:15

Min \ Sec	0	15	30	45	Comments
1	0	0	0	0	
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	0	0	0	0	
10	0	0	0	0	
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Average 10-Minute Opacity: 0 %

Range of Opacity Readings: Min. 0% Max. 0%

OBSERVER (please print)

Name: Jacob Knight Title: DEP

Signature: Jacob Knight Date: 1/21/2021

Observer Organization: EPC-CP

Certified by: ETA Certification Date: 8/11/2020

SOURCE LAYOUT SKETCH

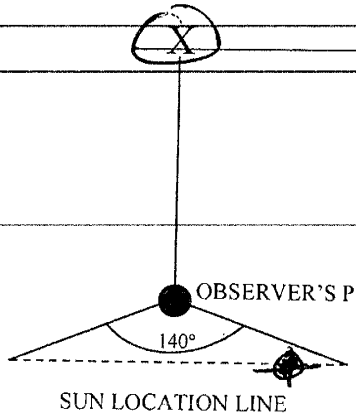
Stack with Plume

Sun

Wind

Emission Point

Draw Arrow in North Direction



Los Alamos

LOS ALAMOS NATIONAL LABORATORY (LANL)
VISIBLE EMISSION OBSERVATION FORM (10 MINUTE)

Source Name: TA-3-22 Power Plant Boiler #3

Source Location: TA-3-22

Type of Source: Boiler #3 Fuel oil | Type of Control Equipment: NA

Describe Emission Point (Top of stack, etc.): Top of East Stack

Height Above Ground Level: 150 Feet | Height Relative to Observer: 140 Feet

Distance From Observer: 200 Feet | Direction of Source From Observer: N.NE

Description of Plume (stack exit only)
☐Lofting ☐Trapping ☐Looping ☐Fanning ☐Coning
~~☐No Plume Present~~

Emission Color: NA | Plume Type ☒No Plume Present ☐Continuous ☐Fugitive ☐Intermittent

Water Droplets Present?
☒NO ☐YES If YES, droplet plume is ☐Attached ☐Detached

At what point in the plume was opacity determined? 2' above Stack

Describe Background (i.e. blue sky, trees, etc.): Blue SKY

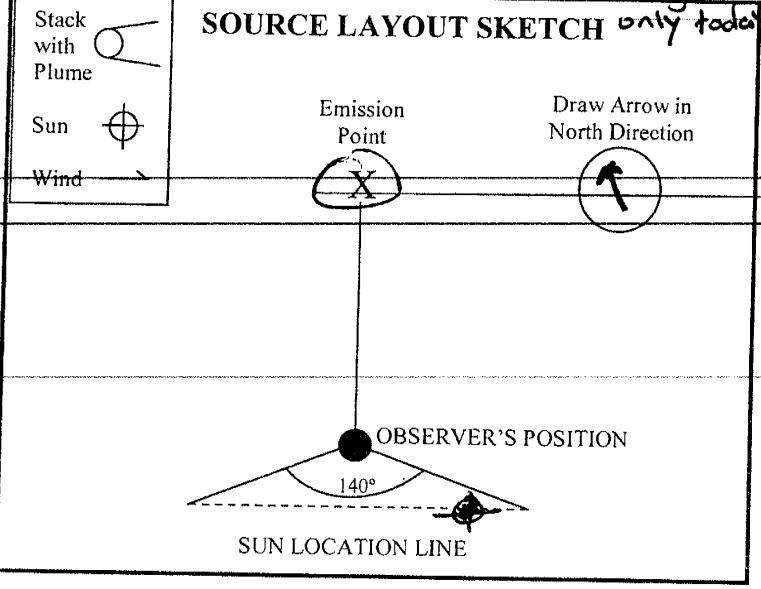
Background Color: Blue | Sky Conditions: Partly Cloudy

Wind Speed: 2.0 mph | Wind Direction (provide from/to, i.e. from North to South): NW . SE

Ambient Temperature: 38 °F | Relative Humidity: 49 %

Additional Comments/Information:
Burners 1/4/5/6
Burners 2/3 not used for fuel oil - 2 is out of service 3 is Nat gas

SOURCE LAYOUT SKETCH only today



Observation Date	Start Time	End Time
1/21/2021	12:36	12:46

Min \ Sec	0	15	30	45	Comments
1	0	0	0	0	
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	0	0	0	0	
10	0	0	0	0	
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Average 10-Minute Opacity: 0 % | Range of Opacity Readings: Min. 0% Max. 0%

~~OBSERVER (please print)~~
Name: Jacob Knight | Title: DEP

Signature: [signature] | Date: 1.21.2021

Observer Organization: EPC-CP

Certified by: ETA | Certification Date: 8/11/2020

Data is for tower ta6.
This file was obtained from the LANL Weather Machine, http://weather.lanl.gov.
Request made on Thu Jan 21 15:00:41 2021 MST.
All data times are MST.

month	day	year	hour	minute	spd1	spd	dir1	temp	temp0	rh
mm	dd	yyyy	hh	mm	m/s	mph	deg	deg-F	deg-C	%
1	21	2021	10	0	1	2.2	130	35	1.6	57
1	21	2021	10	15	1.5	3.4	126	35	1.9	55
1	21	2021	10	30	1.2	2.7	144	35	1.9	55
1	21	2021	10	45	0.9	2.0	94	36	2.2	54
1	21	2021	11	0	1.2	2.7	136	36	2.4	52
1	21	2021	11	15	1.4	3.1	142	37	2.5	52
1	21	2021	11	30	1.7	3.8	132	37	2.9	52
1	21	2021	11	45	1.5	3.4	122	37	2.8	52
1	21	2021	12	0	1.4	3.1	124	38	3.1	50
1	21	2021	12	15	1.8	4.0	140	38	3.2	50
1	21	2021	12	30	1.9	4.3	132	38	3.2	49
1	21	2021	12	45	0.9	2.0	157	38	3.2	49
1	21	2021	13	0	1.1	2.5	135	38	3.5	48
1	21	2021	13	15	1.1	2.5	98	39	4	47
1	21	2021	13	30	1.2	2.7	66	40	4.2	47

Los Alamos

LOS ALAMOS NATIONAL LABORATORY (LANL)
VISIBLE EMISSION OBSERVATION FORM (10 MINUTE)

Source Name: TA-3-22 Power & Steam plant

Source Location: TA-3-22 Boiler 3

Type of Source: Fuel Oil

Type of Control Equipment: NA

Describe Emission Point (Top of stack, etc.): Top of East Stack

Height Above Ground Level: 150 Feet

Height Relative to Observer: 140 Feet

Distance From Observer: 200 Feet

Direction of Source From Observer: N. NE

Description of Plume (stack exit only)
☐Lofting ☐Trapping ☐Looping ☐Fanning ☐Coning
☒No Plume Present

Emission Color: NA

Plume Type ☒No Plume Present ☐Continuous ☐Fugitive ☐Intermittent

Water Droplets Present?
☒NO ☐YES If YES, droplet plume is ☐Attached ☐Detached

At what point in the plume was opacity determined? 2ft Above Stack

Describe Background (i.e. blue sky, trees, etc.): cloudy

Background Color: light gray

Sky Conditions: Cloudy

Wind Speed: 3 mph

Wind Direction (provide from/to, i.e. from North to South): NE

Ambient Temperature: 44 °F

Relative Humidity: 29 %

Additional Comments/Information: Boiler #3 Burners 1/4/5/6 only

Observation Date: 2/10/2021

Start Time: 10:09

End Time: 10:19

Min \ Sec	0	15	30	45	Comments
1	0	0	0	0	Burner 1
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	0	0	0	0	
10	0	0	0	0	
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Average 10-Minute Opacity: 0 %

Range of Opacity Readings: Min. 0 % Max. 0 %

OBSERVER (please print)
Name: Jacob Knight Title: DEP

Signature: [signature] Date: 2/10/2021

Observer Organization: EPC-CP

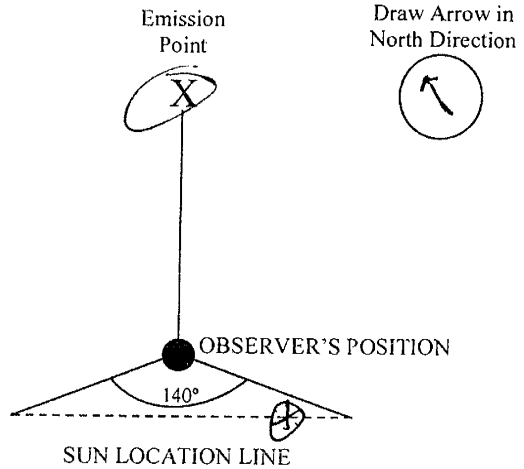
Certified by: ETA Certification Date: 8/11/2020

SOURCE LAYOUT SKETCH

Stack with Plume

Sun

Wind



Los Alamos

LOS ALAMOS NATIONAL LABORATORY (LANL)
VISIBLE EMISSION OBSERVATION FORM (10 MINUTE)

Source Name: TA-3-22 Power & Steam plant

Source Location: TA-3-22 Boiler 3

Type of Source: Fuel Oil

Type of Control Equipment: NA

Describe Emission Point (Top of stack, etc.): Top of East Stack

Height Above Ground Level: 150 Feet

Height Relative to Observer: 140 Feet

Distance From Observer: 200 Feet

Direction of Source From Observer: N. NE

Description of Plume (stack exit only)
☒ Looping ☐ Trapping ☐ Looping ☐ Fanning ☐ Coning
☐ No Plume Present

Emission Color: White

Plume Type ☐ No Plume Present
☐ Continuous ☐ Fugitive ☒ Intermittent

Water Droplets Present?
☒ NO ☐ YES If YES, droplet plume is ☐ Attached ☐ Detached

At what point in the plume was opacity determined? 2ft Above Stack

Describe Background (i.e. blue sky, trees, etc.): Clouds

Background Color: light gray

Sky Conditions: Cloudy

Wind Speed: 3 mph

Wind Direction (provide from/to, i.e. from North to South): NW

Ambient Temperature: 44 °F

Relative Humidity: 29 %

Additional Comments/Information: Boiler #3

Observation Date: 2/10/2021

Start Time: 10:20

End Time: 10:30

Min \ Sec	0	15	30	45	Comments
1	0	0	0	0	Burners 1 is
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
6	0	0	5	5	
7	5	5	5	0	
8	0	0	0	0	
9	0	0	0	0	
10	0	0	0	0	
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Average 10-Minute Opacity: 0.6 %

Range of Opacity Readings: Min. 0 % Max. 5 %

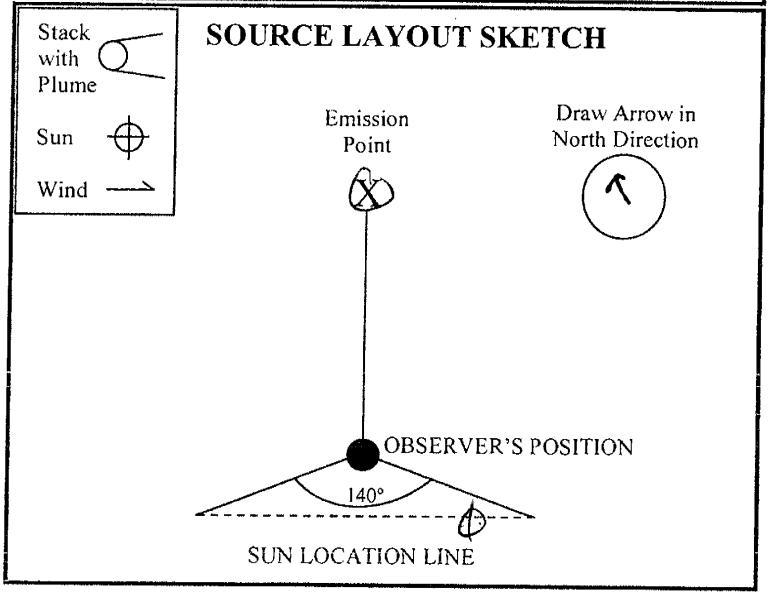
OBSERVER (please print)
Name: Jacob Knight Title: DEP

Signature: Jacob Knight Date: 2/10/2021

Observer Organization: EPC-CP

Certified by: ETA Certification Date: 8/11/2020

SOURCE LAYOUT SKETCH



Los Alamos

LOS ALAMOS NATIONAL LABORATORY (LANL)
VISIBLE EMISSION OBSERVATION FORM (10 MINUTE)

Source Name: TA-3-22 Power & Steam plant

Source Location: TA-3-22 Boiler 3

Type of Source: Fuel Oil

Type of Control Equipment: NA

Describe Emission Point (Top of stack, etc.): Top of East Stack

Height Above Ground Level: 150 Feet

Height Relative to Observer: 140 Feet

Distance From Observer: 200 Feet

Direction of Source From Observer: N. NE

Description of Plume (stack exit only)
☐Lofting ☐Trapping ☐Looping ☐Fanning ☐Coning
☑No Plume Present

Emission Color: NA

Plume Type ☒No Plume Present ☐Continuous ☐Fugitive ☐Intermittent

Water Droplets Present?
☒NO ☐YES If YES, droplet plume is ☐Attached ☐Detached

At what point in the plume was opacity determined? 2ft Above Stack

Describe Background (i.e. blue sky, trees, etc.): Clouds

Background Color: light gray

Sky Conditions: cloudy

Wind Speed: 3.5 mph

Wind Direction (provide from/to, i.e. from North to South): NW

Ambient Temperature: 45 °F

Relative Humidity: 29 %

Additional Comments/Information: Boiler #3

Observation Date: 2/10/2021

Start Time: 10:41

End Time: 10:51

Min \ Sec	0	15	30	45	Comments
1	0	0	0	0	Burners 1/5/6
2	0	0	0	0	5 tripped
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	0	0	0	0	
10	0	0	0	0	
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Average 10-Minute Opacity: 0 %

Range of Opacity Readings: Min. 0% Max. 0%

OBSERVER (please print)
Name: Jacob Knight Title: DEP

Signature: Jacob Knight Date: 2/10/2021

Observer Organization: EPC-CP

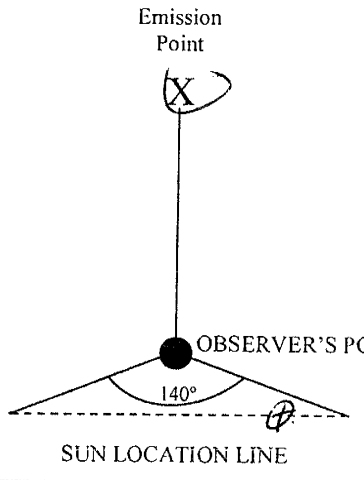
Certified by: ETA Certification Date: 8/11/2020

SOURCE LAYOUT SKETCH

Stack with Plume

Sun

Wind



Los Alamos

LOS ALAMOS NATIONAL LABORATORY (LANL)
VISIBLE EMISSION OBSERVATION FORM (10 MINUTE)

Source Name: TA-3-22 Power & Steam plant

Source Location: TA-3-22 Boiler 3

Type of Source: Fuel Oil

Type of Control Equipment: NA

Describe Emission Point (Top of stack, etc.): Top of East Stack

Height Above Ground Level: 150 Feet

Height Relative to Observer: 140 Feet

Distance From Observer: 200 Feet

Direction of Source From Observer: N. NE

Description of Plume (stack exit only)
☐Lofting ☐Trapping ☐Looping ☐Fanning ☐Coning
☒No Plume Present

Emission Color: NA

Plume Type ☒No Plume Present ☐Continuous ☐Fugitive ☐Intermittent

Water Droplets Present?
☒NO ☐YES If YES, droplet plume is ☐Attached ☐Detached

At what point in the plume was opacity determined? 2ft Above Stack

Describe Background (i.e. blue sky, trees, etc.): Clouds

Background Color: light gray

Sky Conditions: Cloudy

Wind Speed: 2.5 mph

Wind Direction (provide from/to, i.e. from North to South): NW

Ambient Temperature: 46 °F

Relative Humidity: 26 %

Additional Comments/Information: Boiler #3

Observation Date: 2/10/2021

Start Time: 10:57

End Time: 11:07

Min \ Sec	0	15	30	45	Comments
1	0	0	0	0	Burners 1/4/6
2	0	0	0	0	6 tripped off
3	0	0	0	0	
4	0	0	0	0	4 tripped off
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	4 lit
8	0	0	0	0	
9	0	0	0	0	6 lit
10	0	0	0	0	
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Average 10-Minute Opacity: 0 %

Range of Opacity Readings: Min. 0 % Max. 0 %

OBSERVER (please print)
Name: Jacob Knight Title: DEP

Signature: Jacob Knight Date: 2/10/2021

Observer Organization: EPC-CP

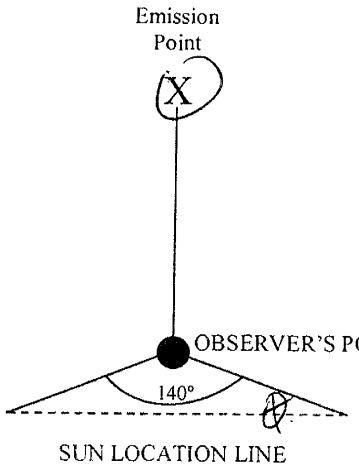
Certified by: ETA Certification Date: 8/11/2020

SOURCE LAYOUT SKETCH

Stack with Plume

Sun

Wind



Los Alamos

LOS ALAMOS NATIONAL LABORATORY (LANL)
VISIBLE EMISSION OBSERVATION FORM (10 MINUTE)

Source Name: TA-3-22 Power & Steam plant

Source Location: TA-3-22 Boiler 3

Type of Source: Fuel Oil

Type of Control Equipment: NA

Describe Emission Point (Top of stack, etc.): Top of East Stack

Height Above Ground Level: 150 Feet

Height Relative to Observer: 140 Feet

Distance From Observer: 200 Feet

Direction of Source From Observer: N. NE

Description of Plume (stack exit only)
☐Lofting ☐Trapping ☐Looping ☐Fanning ☐Coning
☒No Plume Present

Emission Color: NA

Plume Type ☒No Plume Present
☐Continuous ☐Fugitive ☐Intermittent

Water Droplets Present?
☒NO ☐YES If YES, droplet plume is ☐Attached ☐Detached

At what point in the plume was opacity determined? 2ft Above Stack

Describe Background (i.e. blue sky, trees, etc.): White clouds - Some blue sky

Background Color: White clouds

Sky Conditions: Partly cloudy

Wind Speed: 5 mph

Wind Direction (provide from/to, i.e. from North to South): NW

Ambient Temperature: 45 °F

Relative Humidity: 30 %

Additional Comments/Information: Boiler #3

Observation Date: 2/10/2021

Start Time: 11:09

End Time: 11:19

Min \ Sec	0	15	30	45	Comments
1	0	0	0	0	Burners 1|4|6
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	0	0	0	0	
10	0	0	0	0	
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Average 10-Minute Opacity: 0 %

Range of Opacity Readings: Min. 0% Max. 0%

OBSERVER (please print)
Name: Jacob Knight Title: DEP

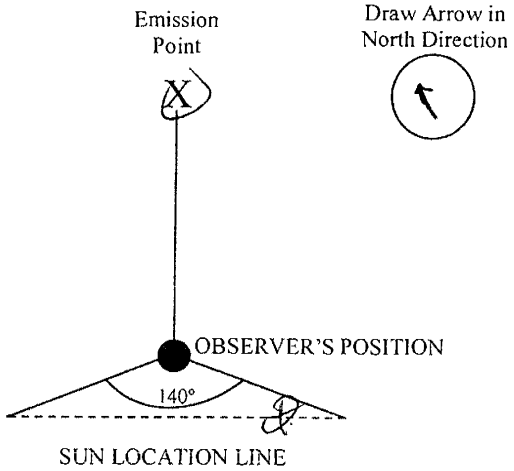
Signature: [signature] Date: 2/10/2021

Observer Organization: EPC-CP

Certified by: ETA Certification Date: 8/11/2020

SOURCE LAYOUT SKETCH

Stack with Plume
Sun
Wind



Los Alamos

LOS ALAMOS NATIONAL LABORATORY (LANL)
VISIBLE EMISSION OBSERVATION FORM (10 MINUTE)

Source Name: TA-3-22 Power & Steam plant

Source Location: TA-3-22 Boiler 3

Type of Source: Fuel Oil | Type of Control Equipment: NA

Describe Emission Point (Top of stack, etc.): Top of East Stack

Height Above Ground Level: 150 Feet | Height Relative to Observer: 140 Feet

Distance From Observer: 200 Feet | Direction of Source From Observer: N. NE

Description of Plume (stack exit only)
☐Lofting ☐Trapping ☐Looping ☐Fanning ☐Coning
☒No Plume Present

Emission Color: NA | Plume Type: ☐No Plume Present ☐Continuous ☐Fugitive ☐Intermittent

Water Droplets Present?
☐NO ☐YES If YES, droplet plume is ☐Attached ☐Detached

At what point in the plume was opacity determined? 2ft Above Stack

Describe Background (i.e. blue sky, trees, etc.): Intermittent Clouds & blue Sky

Background Color: white clouds/blue sky | Sky Conditions: Partly cloudy

Wind Speed: 6 mph | Wind Direction (provide from/to, i.e. from North to South): NW

Ambient Temperature: 47 °F | Relative Humidity: 29 %

Additional Comments/Information: Boiler #3
All burners on (1/4/5/6)
2 & 3 not used for fuel
burner 5 relit and stayed on (11:35)

Observation Date: 2/10/2021 | Start Time: 11:36 | End Time: 11:46

Min \ Sec	0	15	30	45	Comments
1	0	0	0	0	Burners 1/4/5/6
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	0	0	0	0	
10	0	0	0	0	
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Average 10-Minute Opacity: 0 % | Range of Opacity Readings: Min. 0 % Max. 0 %

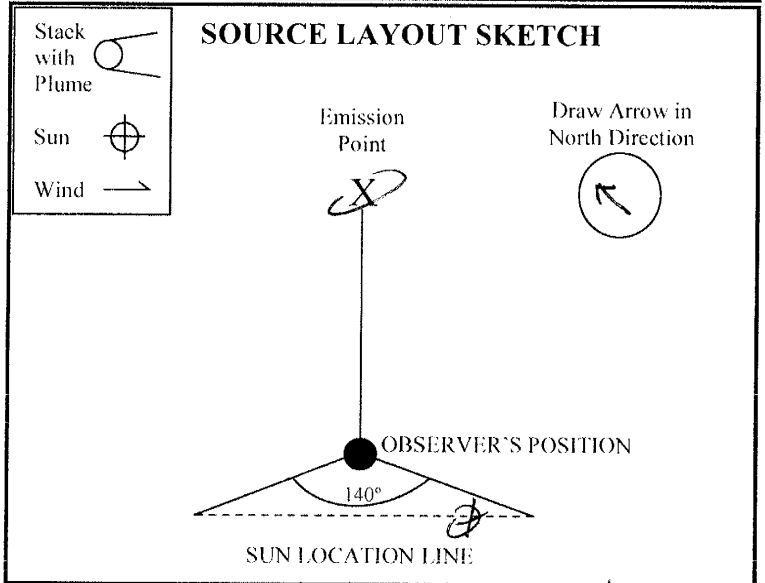
OBSERVER (please print)
Name: Jacob Knight Title: DEP

Signature | Date: 2/10/2021

Observer Organization: EPC-CP

Certified by: ETA | Certification Date: 8/11/2020

SOURCE LAYOUT SKETCH



All Burners turned off at 2PM

Data is for tower ta6.
This file was obtained from the LANL Weather Machine, http://weather.lanl.gov.
Request made on Wed Feb 10 15:25:12 2021 MST.
All data times are MST.

month	day	year	hour	minute	spd1	spd	dir1	temp	temp0	rh
mm	dd	yyyy	hh	mm	m/s	mph	deg	deg-F	deg-C	%
2	10	2021	10	0	1.5	3.4	145	40	4.2	34
2	10	2021	10	15	1.6	3.6	177	40	4.6	32
2	10	2021	10	30	1.4	3.1	160	41	4.8	30
2	10	2021	10	45	1.6	3.6	158	41	5.2	29
2	10	2021	11	0	1.4	3.1	140	42	5.3	29
2	10	2021	11	15	2	4.5	160	42	5.8	30
2	10	2021	11	30	2.6	5.8	143	42	5.7	29
2	10	2021	11	45	2.6	5.8	157	43	6.1	29
2	10	2021	12	0	2.7	6.0	158	43	6.3	30
2	10	2021	12	15	3.3	7.4	162	44	6.7	29
2	10	2021	12	30	3.5	7.8	143	44	6.6	30
2	10	2021	12	45	4.3	9.6	146	45	7.1	29
2	10	2021	13	0	4.3	9.6	143	46	7.7	28

Los Alamos

LOS ALAMOS NATIONAL LABORATORY (LANL)
VISIBLE EMISSION OBSERVATION FORM (10 MINUTE)

Source Name: TA-3-22 Power & Steam Plant

Source Location: TA-3-22 Boiler 3

Type of Source: Fuel Oil | Type of Control Equipment: N/A

Describe Emission Point (Top of stack, etc.): Top of East stack

Height Above Ground Level: 150 Feet | Height Relative to Observer: 140 Feet

Distance From Observer: 200 Feet | Direction of Source From Observer: N. NE

Description of Plume (stack exit only)
☐Lofting ☐Trapping ☐Looping ☐Fanning ☐Coning
☒No Plume Present

Emission Color: N/A | Plume Type ☒No Plume Present ☐Continuous ☐Fugitive ☐Intermittent

Water Droplets Present?
☒NO ☐YES If YES, droplet plume is ☐Attached ☐Detached

At what point in the plume was opacity determined? 2' above Stack

Describe Background (i.e. blue sky, trees, etc.): Blue SKY

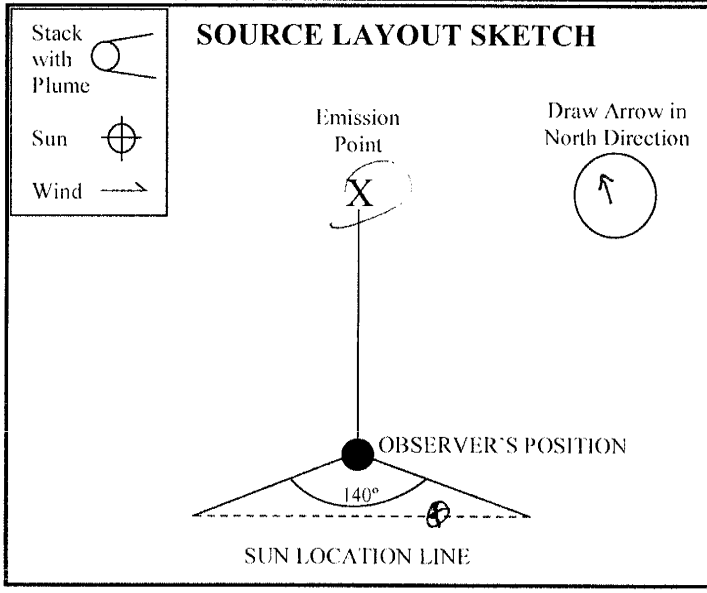
Background Color: Blue | Sky Conditions: Clear

Wind Speed: 9 mph | Wind Direction (provide from/to, i.e. from North to South): Fr. S.

Ambient Temperature: 35 °F | Relative Humidity: 53 %

Additional Comments/Information:
Burners 1/4/5/6 only are used for these runs

SOURCE LAYOUT SKETCH



Observation Date: 2/24/21 | Start Time: 10:07 | End Time: 10:17

Min \ Sec	0	15	30	45	Comments
1	0	0	0	0	Burner #4 lit
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	0	0	0	0	
10	0	0	0	0	
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Average 10-Minute Opacity: 0 % | Range of Opacity Readings: Min. 0% Max. 0%

OBSERVER (please print)
Name: Jacob Knight | Title: DEP

Signature: Jacob Knight | Date: 2/24/21

Observer Organization: EPC-CP

Certified by: ETA | Certification Date: 2/19/21

Los Alamos

LOS ALAMOS NATIONAL LABORATORY (LANL)
VISIBLE EMISSION OBSERVATION FORM (10 MINUTE)

Source Name: TA-3-22 Power & Steam plant

Source Location: TA-3-22 Boiler 3

Type of Source: Fuel oil

Type of Control Equipment: N/A

Describe Emission Point (Top of stack, etc.): Top of east stack

Height Above Ground Level: 150 Feet

Height Relative to Observer: 140 Feet

Distance From Observer: 200 Feet

Direction of Source From Observer: N. NE

Description of Plume (stack exit only)
☐Lofting ☐Trapping ☐Looping ☐Fanning ☐Coning
☒No Plume Present

Emission Color: NA

Plume Type ☒No Plume Present
☐Continuous ☐Fugitive ☐Intermittent

Water Droplets Present?
☒NO ☐YES If YES, droplet plume is ☐Attached ☐Detached

At what point in the plume was opacity determined? 2 ft above Stack

Describe Background (i.e. blue sky, trees, etc.): Blue SKY

Background Color: Blue

Sky Conditions: Clear

Wind Speed: 10 mph

Wind Direction (provide from/to, i.e. from North to South): Fr. S.

Ambient Temperature: 36 °F

Relative Humidity: 54 %

Additional Comments/Information:

Observation Date: 2/24/21

Start Time: 10:22

End Time: 10:32

Min \ Sec	0	15	30	45	Comments
1	0	0	0	0	#5 burner (4 tripped off)
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	#4 back on 5 tripped off
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	0	0	0	0	
10	0	0	—	—	4 tripped off
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Average 10-Minute Opacity: 0 %

Range of Opacity Readings: Min. 0% Max. 0%

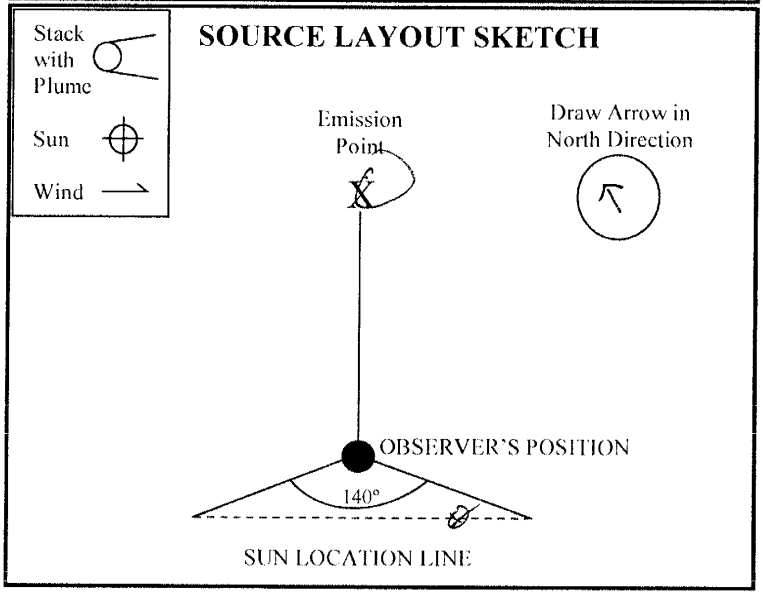
OBSERVER (please print)
Name: Jacob Knight Title: DEP

Signature: Jacob Knight Date: 2/24/21

Observer Organization: EPC-CP

Certified by: ETA Certification Date: 2/19/21

SOURCE LAYOUT SKETCH



Los Alamos

LOS ALAMOS NATIONAL LABORATORY (LANL)
VISIBLE EMISSION OBSERVATION FORM (10 MINUTE)

Source Name: TA-3-22 Power & Steam plant

Source Location: TA-3-22 Boiler # 3

Type of Source	Type of Control Equipment
Fuel oil	N/A

Describe Emission Point (Top of stack, etc.): Top of East Stack

Height Above Ground Level	Height Relative to Observer
150 Feet	140 Feet

Distance From Observer	Direction of Source From Observer
200 Feet	N. NE

Description of Plume (stack exit only)
☒ Lofting ☐ Trapping ☐ Looping ☐ Fanning ☐ Coning
☐ No Plume Present

Emission Color	Plume Type
light black	☐ No Plume Present ☒ Continuous ☐ Fugitive ☐ Intermittent

Water Droplets Present?
☒ NO ☐ YES If YES, droplet plume is ☐ Attached ☐ Detached

At what point in the plume was opacity determined? 2 ft above Stack

Describe Background (i.e. blue sky, trees, etc.): Blue Sky

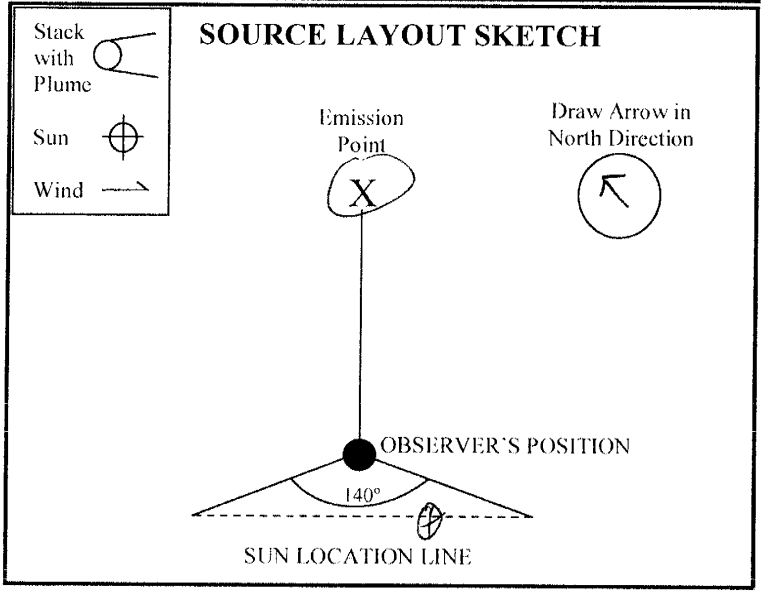
Background Color	Sky Conditions
Blue	Clear

Wind Speed	Wind Direction (provide from/to, i.e. from North to South)
10 mph	Fr. S.

Ambient Temperature	Relative Humidity
36 °F	55 %

Additional Comments/Information: Burners 4/5

SOURCE LAYOUT SKETCH



Observation Date	Start Time	End Time
2/24/21	10:38	10:48

Min \ Sec	0	15	30	45	Comments
1	0	0	0	0	Burner 4 on
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	B4 tripped
5	0	0	0	5	B4 back on
6	5	5	5	5	
7	5	5	5	5	B5 on
8	5	5	0	0	
9	0	0	0	0	
10	0	0	0	0	
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Average 10-Minute Opacity	Range of Opacity Readings
1.25 %	Min. 0 % Max. 5 %

OBSERVER (please print)
Name: Jacob Knight Title: DEP

Signature	Date
Jacob Knight	2/24/21

Observer Organization: EPR-CP

Certified by	Certification Date
ETA	2/19/21

Los Alamos

LOS ALAMOS NATIONAL LABORATORY (LANL)
VISIBLE EMISSION OBSERVATION FORM (10 MINUTE)

Source Name: TA-3-22 Power & Steam Plant

Source Location: TA-3-22 Boiler 3

Type of Source: Fuel Oil | Type of Control Equipment: N/A

Describe Emission Point (Top of stack, etc.): Top of E. Stack

Height Above Ground Level: 150 Feet | Height Relative to Observer: 140 Feet

Distance From Observer: 700 Feet | Direction of Source From Observer: N. NE

Description of Plume (stack exit only)
☐Lofting ☐Trapping ☐Looping ☐Fanning ☐Coning
☒No Plume Present

Emission Color: N/A | Plume Type ☒No Plume Present ☐Continuous ☐Fugitive ☐Intermittent

Water Droplets Present?
☒NO ☐YES If YES, droplet plume is ☐Attached ☐Detached

At what point in the plume was opacity determined? 2 ft above Stack

Describe Background (i.e. blue sky, trees, etc.): Blue Sky

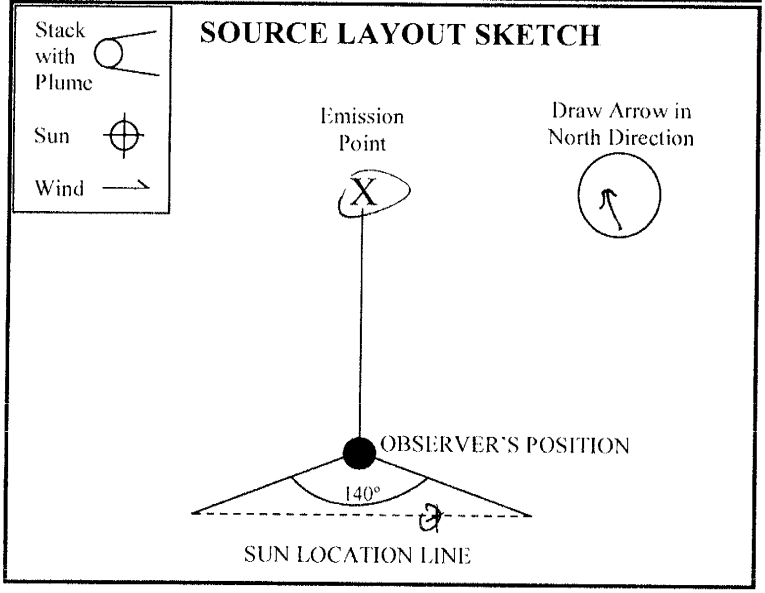
Background Color: Blue | Sky Conditions: Clear

Wind Speed: 11 mph | Wind Direction (provide from/to, i.e. from North to South): Fr. South

Ambient Temperature: 36 °F | Relative Humidity: 56 %

Additional Comments/Information:

SOURCE LAYOUT SKETCH



Observation Date: 2/24/21 | Start Time: 10:56 | End Time: 11:06

Min \ Sec	0	15	30	45	Comments
1	0	0	0	0	Burner 6.1 (4/5 5f·11 on)
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	0	0	0	0	
10	0	0	0	0	
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Average 10-Minute Opacity: 0 % | Range of Opacity Readings: Min. 0% Max. 0%

OBSERVER (please print)
Name: Jacob Knight Title:

Signature: Jacob Knight | Date: 2/24/21

Observer Organization: EPC-CP

Certified by: ETA | Certification Date: 2/19/21

Los Alamos

LOS ALAMOS NATIONAL LABORATORY (LANL)
VISIBLE EMISSION OBSERVATION FORM (10 MINUTE)

Source Name: TA-3-22 Power & Steam Plant

Source Location: TA-3-22 Boiler 3

Type of Source: Fuel Oil | Type of Control Equipment: N/A

Describe Emission Point (Top of stack, etc.): Top of E. Stack

Height Above Ground Level: 150 Feet | Height Relative to Observer: 140 Feet

Distance From Observer: 200 Feet | Direction of Source From Observer: N. NE

Description of Plume (stack exit only)
☒ Lofting ☐ Trapping ☐ Looping ☐ Fanning ☐ Coning
☒ No Plume Present

Emission Color: Slight Black | Plume Type: ~~☒ No Plume Present~~ ☐ Continuous ☐ Fugitive ☒ Intermittent

Water Droplets Present?
☒ NO ☐ YES If YES, droplet plume is ☐ Attached ☐ Detached

At what point in the plume was opacity determined? 2' Above Stack

Describe Background (i.e. blue sky, trees, etc.): Blue Sky

Background Color: Blue | Sky Conditions: Clear

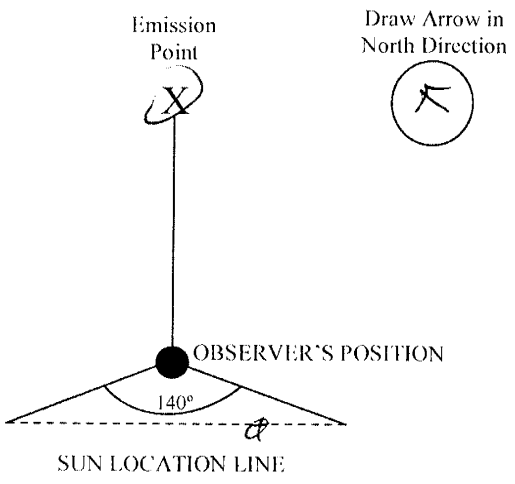
Wind Speed: 12 mph | Wind Direction (provide from/to, i.e. from North to South): From S.

Ambient Temperature: 38 °F | Relative Humidity: 52 %

Additional Comments/Information:
11:43 a.m. all burners switched to Auto until 2PM - No issues

SOURCE LAYOUT SKETCH

Stack with Plume
Sun
Wind



Observation Date	Start Time	End Time
2/24/21	11:24	11:34

Min \ Sec	0	15	30	45	Comments
1	5	5	0	0	Burner 1 lit 4/5/6 still on
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	0	0	0	0	
10	0	0	0	0	
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Average 10-Minute Opacity: 0.25 % | Range of Opacity Readings: Min. 0% Max. 5%

OBSERVER (please print)
Name: Jacob Knight Title: DEP

Signature: Jacob Knight | Date: 2/24/21

Observer Organization: EPC-CP

Certified by: ETA | Certification Date: 2/19/21

Data is for tower ta6.
This file was obtained from the LANL Weather Machine, http://weather.lanl.gov.
Request made on Thu Feb 25 17:37:29 2021 MST.
All data times are MST.

month	day	year	hour	minute	doy	spd1	spd	dir1	temp0	temp	rh
mm	dd	yyyy	hh	mm	ddd	m/s	mph	deg	deg-C	deg-F	%
2	24	2021	9	30	55	3.9	8.7	198	1.7	35	53
2	24	2021	9	45	55	4	8.9	188	1.8	35	53
2	24	2021	10	0	55	4.7	10.5	180	2	36	55
2	24	2021	10	15	55	4.5	10.1	178	2.2	36	56
2	24	2021	10	30	55	5.1	11.4	182	2.2	36	56
2	24	2021	10	45	55	4.8	10.7	184	2.4	36	54
2	24	2021	11	0	55	5.7	12.8	186	2.5	37	54
2	24	2021	11	15	55	5.2	11.6	192	2.9	37	53
2	24	2021	11	30	55	5.2	11.6	186	3.1	38	52
2	24	2021	11	45	55	4.6	10.3	191	3.7	39	50
2	24	2021	12	0	55	4.5	10.1	196	4.1	39	49
2	24	2021	12	15	55	5.8	13.0	189	4	39	47
2	24	2021	12	30	55	5	11.2	190	4.6	40	46
2	24	2021	12	45	55	5.4	12.1	184	4.8	41	44
2	24	2021	13	0	55	5.3	11.9	176	5.3	42	43
2	24	2021	13	15	55	5.5	12.3	183	5.6	42	42
2	24	2021	13	30	55	4.9	11.0	194	5.6	42	42
2	24	2021	13	45	55	5	11.2	172	6.2	43	40
2	24	2021	14	0	55	4.7	10.5	178	6.5	44	40

Los Alamos

LOS ALAMOS NATIONAL LABORATORY (LANL)
VISIBLE EMISSION OBSERVATION FORM (10 MINUTE)

Source Name: TA-3-22 Power & Steam Plant

Source Location: TA-3-22 Boiler 3

Type of Source	Type of Control Equipment
Fuel Oil	N/A

Describe Emission Point (Top of stack, etc.): Top of East Stack

Height Above Ground Level	Height Relative to Observer
150 Feet	140 Feet

Distance From Observer	Direction of Source From Observer
200 Feet	N. NE

Description of Plume (stack exit only)
☐Lofting ☐Trapping ☐Looping ☐Fanning ☐Coning
☒No Plume Present

Emission Color	Plume Type
N/A	☒No Plume Present ☐Continuous ☐Fugitive ☐Intermittent

Water Droplets Present?
☒NO ☐YES If YES, droplet plume is ☐Attached ☐Detached

At what point in the plume was opacity determined? 2 ft above Stack

Describe Background (i.e. blue sky, trees, etc.): Blue Sky

Background Color	Sky Conditions
Blue	Clear

Wind Speed	Wind Direction (provide from/to, i.e. from North to South)
10 mph	fr. W.

Ambient Temperature	Relative Humidity
37 °F	30 %

Additional Comments/Information: Only Burners 1/4/5/6 are switched to fuel from Nat gas during these runs

Observation Date	Start Time	End Time
3/10/21	10:08	10:18

Min \ Sec	0	15	30	45	Comments
1	0	0	0	0	Burner #1
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	0	0	0	0	
10	0	0	0	0	
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Average 10-Minute Opacity	Range of Opacity Readings
0%	Min. 0% Max. 0%

OBSERVER (please print)
Name: Jacob Knight Title: DEP

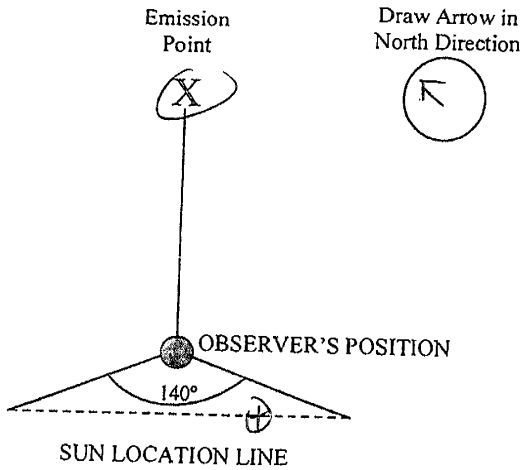
Signature	Date
Jacob Knight	3/10/21

Observer Organization: EPC-CP

Certified by	Certification Date
ETA	2/19/21

SOURCE LAYOUT SKETCH

Stack with Plume
Sun
Wind



Los Alamos

LOS ALAMOS NATIONAL LABORATORY (LANL)
VISIBLE EMISSION OBSERVATION FORM (10 MINUTE)

Source Name: TA-3-22 Power Steam Plant

Source Location: TA-3-22 Boiler 3

Type of Source: Fuel Oil

Type of Control Equipment: N/A

Describe Emission Point (Top of stack, etc.): Top of East Stack

Height Above Ground Level: 150 Feet

Height Relative to Observer: 140 Feet

Distance From Observer: 200 Feet

Direction of Source From Observer: N. NE

Description of Plume (stack exit only)
☐Lofting ☐Trapping ☐Looping ☐Fanning ☐Coning
☒No Plume Present

Emission Color:

Plume Type ☒No Plume Present
☐Continuous ☐Fugitive ☐Intermittent

Water Droplets Present?
☒NO ☐YES If YES, droplet plume is ☐Attached ☐Detached

At what point in the plume was opacity determined? 2 ft Above Stack

Describe Background (i.e. blue sky, trees, etc.): Mostly Sunny Blue Sky at Stack

Background Color: Blue

Sky Conditions: Mostly Sunny / Some Clouds

Wind Speed: 10 mph

Wind Direction (provide from/to, i.e. from North to South): Fr. West

Ambient Temperature: 37 °F

Relative Humidity: 29 %

Additional Comments/Information:
Burner 4 was a no go. needed some maintenance / gaskets
Burners 1-5 on

Observation Date	Start Time	End Time
3/10/21	10:26	10:38

Min \ Sec	0	15	30	45	Comments
1	0	0	0	0	B5 lit - B1 Still on
2	0	0	0	0	B5 tripped 10:27:30
3	0	0	0	0	
4	0	0	0	0	B5 back on
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	0	0	0	0	
10	0	0	0	0	B4 attempt
11	0	0	0	0	
12	0	0	0	0	
13					
14					
15					
16					
17					
18					
19					
20					

Average 10-Minute Opacity: 0%

Range of Opacity Readings: Min. 0% Max. 0%

OBSERVER (please print)
Name: Jacob Knight Title: DEP

Signature: Jacob Knight Date: 3/10/21

Observer Organization: EPC-CP

Certified by: ETA Certification Date: 2/19/21

SOURCE LAYOUT SKETCH

Stack with Plume

Sun

Wind

Emission Point

Draw Arrow in North Direction

OBSERVER'S POSITION

140°

SUN LOCATION LINE

Los Alamos

LOS ALAMOS NATIONAL LABORATORY (LANL)
VISIBLE EMISSION OBSERVATION FORM (10 MINUTE)

Source Name: TA-3-22 Power & Steam Plant

Source Location: TA-3-22 Boiler 3

Type of Source	Type of Control Equipment
Fuel Oil	N/A

Describe Emission Point (Top of stack, etc.): Top of East Stack

Height Above Ground Level	Height Relative to Observer
150 Feet	140 Feet

Distance From Observer	Direction of Source From Observer
200 Feet	N. NE

Description of Plume (stack exit only)
☐Lofting ☐Trapping ☐Looping ☒Fanning ☐Coning
☐No Plume Present

Emission Color	Plume Type
Black	☐No Plume Present ☒Continuous ☐Fugitive ☐Intermittent

Water Droplets Present?
☒NO ☐YES If YES, droplet plume is ☐Attached ☐Detached

At what point in the plume was opacity determined? 2ft above Stack

Describe Background (i.e. blue sky, trees, etc.): Blue Sky

Background Color	Sky Conditions
Blue	Mostly Clear/Sunny

Wind Speed	Wind Direction (provide from/to, i.e. from North to South)
11 mph	Fr. West

Ambient Temperature	Relative Humidity
38 °F	29 %

Additional Comments/Information:

Observation Date	Start Time	End Time
3/10/21	10:53	11:03

Min \ Sec	0	15	30	45	Comments
1	5	5	5	10	BG Lit B1/B5 Still on
2	10	5	5	5	
3	5	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	0	0	0	0	
10	0	0	0	0	
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Average 10-Minute Opacity	Range of Opacity Readings
1.38 %	Min. 0% Max. 10%

OBSERVER (please print)
Name: Jacob Knight Title: DEP

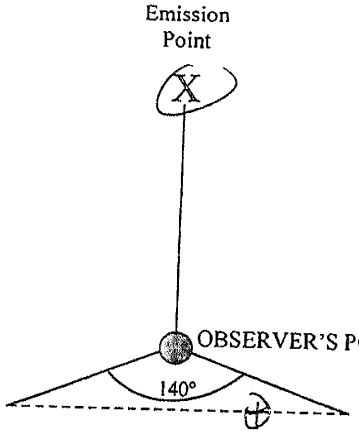
Signature	Date
Jacob Knight	3/10/21

Observer Organization: EPC-CP

Certified by	Certification Date
ETA	2/19/21

SOURCE LAYOUT SKETCH

Stack with Plume
Sun
Wind



Los Alamos

LOS ALAMOS NATIONAL LABORATORY (LANL)
VISIBLE EMISSION OBSERVATION FORM (10 MINUTE)

Source Name: TA-3-22 Power & Steam Plant

Source Location: TA-3-22 Boiler 3

Type of Source: Fuel Oil

Type of Control Equipment: N/A

Describe Emission Point (Top of stack, etc.): Top of East Stack

Height Above Ground Level: 150 Feet

Height Relative to Observer: 140 Feet

Distance From Observer: 200 Feet

Direction of Source From Observer: N. NE

Description of Plume (stack exit only)
☐Lofting ☐Trapping ☐Looping ☐Fanning ☐Coning
☒No Plume Present

Emission Color: N/A

Plume Type ☒No Plume Present ☐Continuous ☐Fugitive ☐Intermittent

Water Droplets Present?
☒NO ☐YES If YES, droplet plume is ☐Attached ☐Detached

At what point in the plume was opacity determined? 2ft above Stack

Describe Background (i.e. blue sky, trees, etc.): Slightly cloudy · Mostly clear

Background Color: Blue w/ small clouds

Sky Conditions: Blue Sky / Small clouds

Wind Speed: 12 mph

Wind Direction (provide from/to, i.e. from North to South): Fr. SW

Ambient Temperature: 40 °F

Relative Humidity: 28 %

Additional Comments/Information: Burners 1 5/6 Still on

Observation Date	Start Time	End Time
3/10/21	11:06	11:16

Min \ Sec	0	15	30	45	Comments
1	0	0	0	0	B4 lit
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	0	0	0	0	
10	0	0	0	0	
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Average 10-Minute Opacity: 0%

Range of Opacity Readings: Min. 0% Max. 0%

OBSERVER (please print)
Name: Jacob Knight Title: DEP

Signature: Jacob Knight Date: 3/10/21

Observer Organization: EPC-CP

Certified by: ETA Certification Date: 2/19/21

SOURCE LAYOUT SKETCH

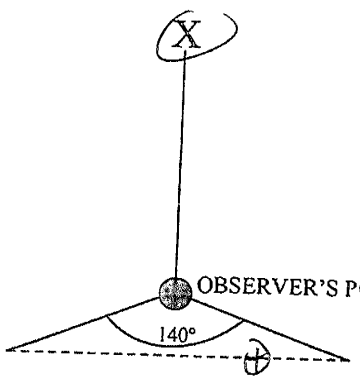
Stack with Plume

Sun

Wind →

Emission Point

Draw Arrow in North Direction



Los Alamos

LOS ALAMOS NATIONAL LABORATORY (LANL)
VISIBLE EMISSION OBSERVATION FORM (10 MINUTE)

Source Name: TA-3-22 Power & Steam Plant

Source Location: TA-3-22 Boiler 3

Type of Source: Fuel Oil

Type of Control Equipment: N/A

Describe Emission Point (Top of stack, etc.): Top of East Stack

Height Above Ground Level: 150 Feet

Height Relative to Observer: 140 Feet

Distance From Observer: 200 Feet

Direction of Source From Observer: N. NE

Description of Plume (stack exit only)
☐Lofting ☐Trapping ☐Looping ☐Fanning ☐Coning
☒No Plume Present

Emission Color: N/A

Plume Type ☒No Plume Present
☐Continuous ☐Fugitive ☐Intermittent

Water Droplets Present?
☒NO ☐YES If YES, droplet plume is ☐Attached ☐Detached

At what point in the plume was opacity determined?
2' above stack

Describe Background (i.e. blue sky, trees, etc.): Blue Sky

Background Color: Blue

Sky Conditions: Clear

Wind Speed: 15 mph

Wind Direction (provide from/to, i.e. from North to South): Fr. SW

Ambient Temperature: 42 °F

Relative Humidity: 23 %

Additional Comments/Information:
Burners 1/4/5/6 Burners 2/3 not used on Auto.
No issues
All burners to be off at 2pm

SOURCE LAYOUT SKETCH

Stack with Plume

Sun

Wind

Emission Point

Draw Arrow in North Direction

OBSERVER'S POSITION

140°

SUN LOCATION LINE

Observation Date: 3/10/21

Start Time: 11:36

End Time: 11:46

Min \ Sec	0	15	30	45	Comments
1	0	0	0	0	Burners 1/4/5/6
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	0	0	0	0	
10	0	0	0	0	
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Average 10-Minute Opacity: 0%

Range of Opacity Readings Min. 0% Max. 0%

OBSERVER (please print)
Name: Jacob Knight Title: DEP

Signature

Date: 3/10/21

Observer Organization: EPC-CP

Certified by: ETA

Certification Date: 2/19/21

Data is for tower ta6.
This file was obtained from the LANL Weather Machine, http://weather.lanl.gov.
Request made on Wed Mar 10 14:14:42 2021 MST.
All data times are MST.

month	day	year	hour	minute	spd1	spd	dir1	temp0	temp	rh
mm	dd	yyyy	hh	mm	m/s	mph	deg	deg-C	deg-F	%
3	10	2021	9	45	4.7	10.5	263	2.8	37	30
3	10	2021	10	0	4.7	10.5	270	2.8	37	30
3	10	2021	10	15	3.3	7.4	259	3.1	38	30
3	10	2021	10	30	3.2	7.2	266	3.3	38	30
3	10	2021	10	45	5.2	11.6	233	4.2	40	28
3	10	2021	11	0	6.3	14.1	237	4.5	40	27
3	10	2021	11	15	5.7	12.8	243	4.8	41	26
3	10	2021	11	30	6.6	14.8	230	5.4	42	24
3	10	2021	11	45	6.5	14.5	232	5.8	42	23
3	10	2021	12	0	6.1	13.6	258	5.1	41	23

Los Alamos

LOS ALAMOS NATIONAL LABORATORY (LANL)
VISIBLE EMISSION OBSERVATION FORM (10 MINUTE)

Source Name: TA-3-22 Power & Steam Plant

Source Location: TA-3-22 Boiler 3

Type of Source: Fuel oil

Type of Control Equipment: N/A

Describe Emission Point (Top of stack, etc.): TOP of East Stack

Height Above Ground Level: 150 Feet

Height Relative to Observer: 140 Feet

Distance From Observer: 200 Feet

Direction of Source From Observer: N NE

Description of Plume (stack exit only)
☐Lofting ☐Trapping ☐Looping ☐Fanning ☐Coning
☑No Plume Present

Emission Color: NA

Plume Type ☑No Plume Present ☐Continuous ☐Fugitive ☐Intermittent

Water Droplets Present?
☒NO ☐YES If YES, droplet plume is ☐Attached ☐Detached

At what point in the plume was opacity determined? 2 ft above Stack

Describe Background (i.e. blue sky, trees, etc.): Clouds

Background Color: Whitish-gray

Sky Conditions: Mostly cloudy

Wind Speed: 6 mph

Wind Direction (provide from/to, i.e. from North to South): Fr. SE

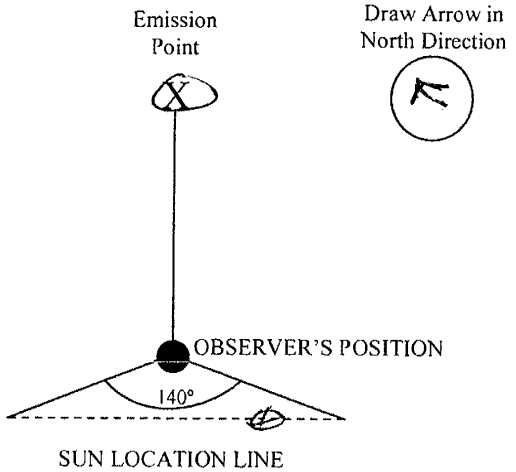
Ambient Temperature: 30 °F

Relative Humidity: 65 %

Additional Comments/Information:
Lighting from pilots today instead of switching from Nat gas to fuel oil

Stack with Plume
Sun
Wind

SOURCE LAYOUT SKETCH



Observation Date: 3/25/21

Start Time: 10:44

End Time: 10:56

Min \ Sec	0	15	30	45	Comments
1	0	0	0	0	#6 burner lit
2	0	0	0	-	6 tripped
3	-	-	-	-	
4	0	0	0	0	6 back on
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	0	0	0	0	
10	0	0	0	0	
11	0	0	0	0	
12	0	0	0	0	
13					
14					
15					
16					
17					
18					
19					
20					

Average 10-Minute Opacity: 0%

Range of Opacity Readings: Min. 0% Max. 0%

OBSERVER (please print)
Name: Jacob Knight Title: DEP

Signature: Jacob Knight Date: 3/25/21

Observer Organization: EPC-CP

Certified by: ETA Certification Date: 2/19/21

Los Alamos

LOS ALAMOS NATIONAL LABORATORY (LANL)
VISIBLE EMISSION OBSERVATION FORM (10 MINUTE)

Source Name: TA-3-22 Power Steam Plant

Source Location: Boiler #3

Type of Source: Fuel oil

Type of Control Equipment: NA

Describe Emission Point (Top of stack, etc.): Top of E. Stack

Height Above Ground Level: 150 Feet

Height Relative to Observer: 140 Feet

Distance From Observer: 200 Feet

Direction of Source From Observer: N. NE

Description of Plume (stack exit only)
☐Lofting ☐Trapping ☐Looping ☐Fanning ☐Coning
☒No Plume Present

Emission Color: N/A

Plume Type ☒No Plume Present
☐Continuous ☐Fugitive ☐Intermittent

Water Droplets Present?
☒NO ☐YES If YES, droplet plume is ☐Attached ☐Detached

At what point in the plume was opacity determined? 2 ft above Stack

Describe Background (i.e. blue sky, trees, etc.): Clouds

Background Color: Whitish gray

Sky Conditions: Cloudy

Wind Speed: 4 mph

Wind Direction (provide from/to, i.e. from North to South): F, SE

Ambient Temperature: 32 °F

Relative Humidity: 58 %

Additional Comments/Information:

Observation Date: 3.25.21

Start Time: 11:05

End Time: 11:10

Min \ Sec	0	15	30	45	Comments
1	0	0	0	0	B1 lit B6 Still on
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	0	0	0	0	
10	0	0	0	0	
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Average 10-Minute Opacity: 0%

Range of Opacity Readings: Min. 0% Max. 0%

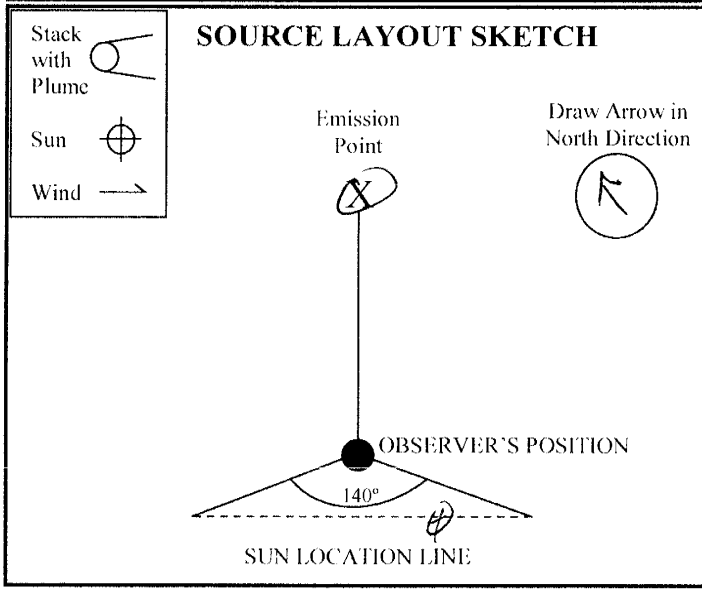
OBSERVER (please print)
Name: Jacob Knight Title: DET

Signature: Jacob Knight Date: 3.25.21

Observer Organization: FDC-CP

Certified by: ETA Certification Date: 2/19/21

SOURCE LAYOUT SKETCH



Los Alamos

LOS ALAMOS NATIONAL LABORATORY (LANL)
VISIBLE EMISSION OBSERVATION FORM (10 MINUTE)

Source Name: TA 3 22 Power/steam Plant

Source Location: TA-3.22 Boiler 3

Type of Source: Fuel oil

Type of Control Equipment: N/A

Describe Emission Point (Top of stack, etc.): Top of E. Stack

Height Above Ground Level: 150 Feet

Height Relative to Observer: 140 Feet

Distance From Observer: 200 Feet

Direction of Source From Observer: ~~NW~~ NNE

Description of Plume (stack exit only)
☐Lofting ☐Trapping ☐Looping ☐Fanning ☐Coning
☑No Plume Present

Emission Color: N/A

Plume Type ☑No Plume Present ☐Continuous ☐Fugitive ☐Intermittent

Water Droplets Present?
☑NO ☐YES If YES, droplet plume is ☐Attached ☐Detached

At what point in the plume was opacity determined? 2 ft above Stack

Describe Background (i.e. blue sky, trees, etc.): Clouds

Background Color: whitish gray

Sky Conditions: Cloudy

Wind Speed: 4 mph

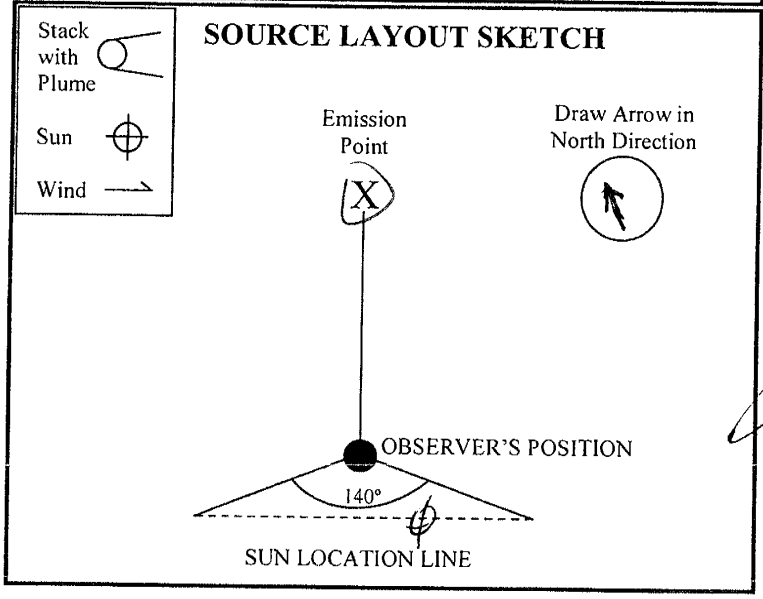
Wind Direction (provide from/to, i.e. from North to South): Fr SE

Ambient Temperature: 33 °F

Relative Humidity: 54 %

Additional Comments/Information:
#2 burner was repaired last week - took 2 attempts to light

SOURCE LAYOUT SKETCH



Observation Date: 3.25.21

Start Time: 11:30

End Time: 11:40

Min \ Sec	0	15	30	45	Comments
1	0	0	0	0	B2 lit B1 & 6 on
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	0	0	0	0	
10	0	0	0	0	
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Average 10-Minute Opacity: 0%

Range of Opacity Readings: Min. 0% Max. 0%

OBSERVER (please print)
Name: Jacob Knight Title: DEP

Signature: [signature] Date: 3.25.21

Observer Organization: EPC CP

Certified by: ETA Certification Date: 7/19/21

Form ENV-CP-Form-1004 04/2015

Los Alamos

LOS ALAMOS NATIONAL LABORATORY (LANL)
VISIBLE EMISSION OBSERVATION FORM (10 MINUTE)

Source Name: TA-3-22 Power & Steam Plant

Source Location: TA-3-22 Boiler 3

Type of Source: Fuel oil

Type of Control Equipment: NA

Describe Emission Point (Top of stack, etc.): Top of E. Stack

Height Above Ground Level: 150 Feet

Height Relative to Observer: 140 Feet

Distance From Observer: 200 Feet

Direction of Source From Observer: N. NE

Description of Plume (stack exit only)
☐Lofting ☐Trapping ☐Looping ☐Fanning ☐Coning
☑No Plume Present

Emission Color: NA

Plume Type ☑No Plume Present ☐Continuous ☐Fugitive ☐Intermittent

Water Droplets Present?
☑NO ☐YES If YES, droplet plume is ☐Attached ☐Detached

At what point in the plume was opacity determined? 2 ft above Stack

Describe Background (i.e. blue sky, trees, etc.): Blue Sky behind Stack

Background Color: Blue

Sky Conditions: Partly Sunny

Wind Speed: 4 mph

Wind Direction (provide from/to, i.e. from North to South): Fr. E. SE

Ambient Temperature: 33 °F

Relative Humidity: 60 %

Additional Comments/Information:
Burner 4 lit
Burners 1/2/6 Still on

Observation Date: 3.25.21

Start Time: 11:42

End Time: 11:52

Min \ Sec	0	15	30	45	Comments
1	0	0	0	0	B4 lit
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	0	0	0	0	
10	0	0	0	0	
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Average 10-Minute Opacity: 0 %

Range of Opacity Readings: Min. 0% Max. 0%

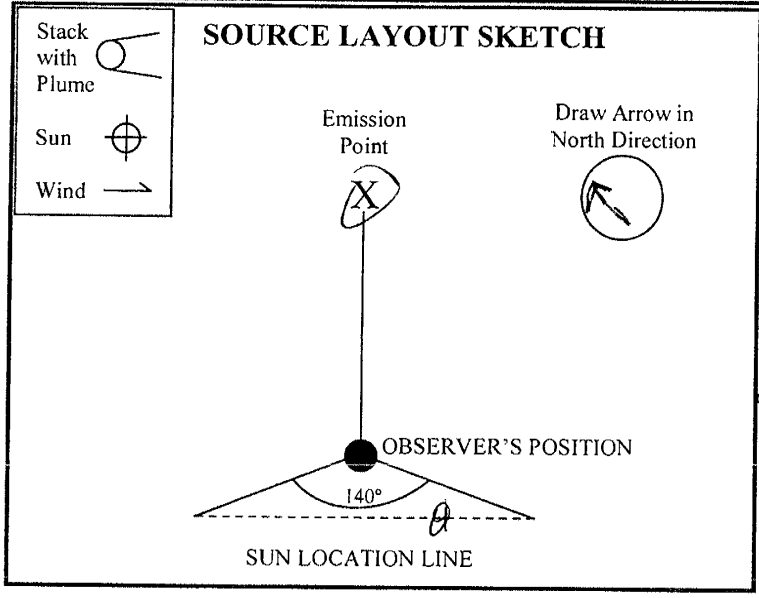
OBSERVER (please print)
Name: Jacob Knight Title: DEP

Signature: Jacob Knight Date: 3.25.21

Observer Organization: EPC-CP

Certified by: ETA Certification Date: 2.19.21

SOURCE LAYOUT SKETCH



Los Alamos

LOS ALAMOS NATIONAL LABORATORY (LANL)
VISIBLE EMISSION OBSERVATION FORM (10 MINUTE)

Source Name: TA-3-22 Power & Steam Plant

Source Location: TA-3-22 Boiler 3

Type of Source: Fuel Oil

Type of Control Equipment: N/A

Describe Emission Point (Top of stack, etc.): Top of E. Stack

Height Above Ground Level: 150 Feet

Height Relative to Observer: 140 Feet

Distance From Observer: 200 Feet

Direction of Source From Observer: N. NE

Description of Plume (stack exit only)
☒ Lofting ☐ Trapping ☐ Looping ☐ Fanning ☐ Coning
☐ No Plume Present

Emission Color: light black

Plume Type ☐ No Plume Present ☒ Continuous ☐ Fugitive ☐ Intermittent

Water Droplets Present?
☒ NO ☐ YES If YES, droplet plume is ☐ Attached ☐ Detached

At what point in the plume was opacity determined? 2 ft above Stack

Describe Background (i.e. blue sky, trees, etc.): blue sky

Background Color: blue

Sky Conditions: Partly Sunny

Wind Speed: 5 mph

Wind Direction (provide from/to, i.e. from North to South): Fr. E. SE

Ambient Temperature: 34 °F

Relative Humidity: 69 %

Additional Comments/Information: 3 burners 1/2/4/6 on Auto
Burner 5 lit

Observation Date: 3.25.21

Start Time: 12:08

End Time: 12:18

Min \ Sec	0	15	30	45	Comments
1	0	0	0	5	B5 lit
2	5	5	5	5	
3	5	5	5	5	
4	0	0	0	0	Adjustment made
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	0	0	0	0	
10	0	0	0	0	
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Average 10-Minute Opacity: [redacted]%

Range of Opacity Readings: Min. 0% Max. 5%

OBSERVER (please print)
Name: Jacob Knight Title: DEP

Signature: [signature] Date: 3.25.21

Observer Organization: EPC CP

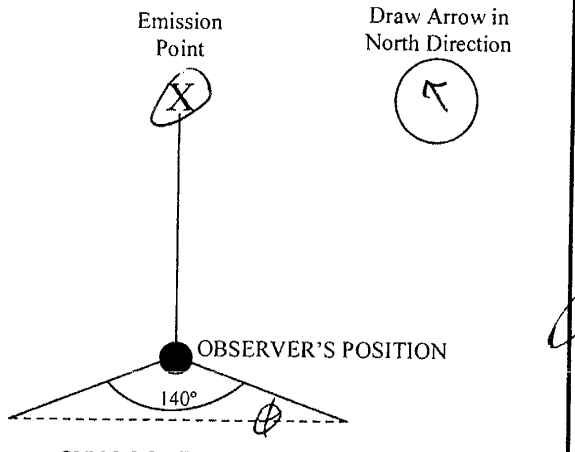
Certified by: EJA Certification Date: 2/19/21

SOURCE LAYOUT SKETCH

Stack with Plume

Sun

Wind



Knight, Jacob Lamar

From: Gomez, Cris
Sent: Friday, March 26, 2021 9:45 AM
To: Nelson, Nick; Knight, Jacob Lamar
Subject: Fuel Oil Ops

FYI,
On 03-25-2021, #3 Boiler was started up and placed on line using only fuel oil for the burners. Natural gas was only used for the pilots. 1200 gallons of fuel oil was burned during the 4 hour run. In CY 2021, 5600 gallons of fuel oil has been burned for a total of 20 hours of non-emergency run time.

J. Cris Gomez
GForeman, CoGen Plant
Email: cgomez@lanl.gov
Work: 606-8164, Cell: 412-2025

Data is for tower ta6.
This file was obtained from the LANL Weather Machine, http://weather.lanl.gov.
Request made on Thu Mar 25 14:41:31 2021 MST.
All data times are MST.

month	day	year	hour	minute	doy	spd1	spd	dir1	temp0	temp	rh	
mm	dd	yyyy	hh	mm	ddd	m/s	mph	deg	deg-C	deg-F	%	
3	25	2021	9	0	84	2.6	5.8	141	-1	30	58	
3	25	2021	9	15	84	2.2	4.9	165	-1	30	61	
3	25	2021	9	30	84	2.5	5.6	134	-1.1	30	66	
3	25	2021	9	45	84	2.3	5.1	125	-1	30	65	
3	25	2021	10	0	84	1.4	3.1	125	-0.8	31	61	
3	25	2021	10	15	84	1.6	3.6	126	-0.2	32	59	
3	25	2021	10	30	84	1.5	3.4	131	0.1	32	59	
3	25	2021	10	45	84	1.8	4.0	123	0.4	33	59	
3	25	2021	11	0	84	1.4	3.1	97	0.9	34	54	
3	25	2021	11	15	84	2.8	6.3	160	0.9	34	59	
3	25	2021	11	30	84	2.1	4.7	136	0.3	33	70	
3	25	2021	11	45	84	2.3	5.1	254	0.5	33	69	
3	25	2021	12	0	84	2.9	6.5	181	0.4	33	74	
3	25	2021	12	15	84	2.1	4.7	136	0.7	33	71	
3	25	2021	12	30	84	2.4	5.4	196	1.3	34	65	
3	25	2021	12	45	84	1.4	3.1	152	1.6	35	60	
3	25	2021	13	0	84	3.7	8.3	228	2.6	37	47	

Los Alamos

LOS ALAMOS NATIONAL LABORATORY (LANL)
VISIBLE EMISSION OBSERVATION FORM (10 MINUTE)

Source Name: TA-3-22 Power and Steam Plant

Source Location: Boiler #3

Type of Source: Fuel Oil

Type of Control Equipment: N/A

Describe Emission Point (Top of stack, etc.): Top of East Stack

Height Above Ground Level: 150 Feet

Height Relative to Observer: 140 Feet

Distance From Observer: 200 Feet

Direction of Source From Observer: NE

Description of Plume (stack exit only)
☐Lofting ☐Trapping ☐Looping ☐Fanning ☐Coning
☒No Plume Present

Emission Color: N/A

Plume Type ☒No Plume Present ☐Continuous ☐Fugitive ☐Intermittent

Water Droplets Present?
☒NO ☐YES If YES, droplet plume is ☐Attached ☐Detached

At what point in the plume was opacity determined? 2' above Stack

Describe Background (i.e. blue sky, trees, etc.): Blue Sky

Background Color: Blue

Sky Conditions: Clear

Wind Speed: 17 mph

Wind Direction (provide from/to, i.e. from North to South): fr WSW

Ambient Temperature: 50° °F

Relative Humidity: 13 %

Additional Comments/Information: Burner # 6

Observation Date: 4/22/2021

Start Time: 10:21

End Time: 10:31

Min \ Sec	0	15	30	45	Comments
1	0	0	0	0	B 6
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	B6 Tripped
9	0	0	0	0	B6 back on
10	0	0	0	0	
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Average 10-Minute Opacity: 0 %

Range of Opacity Readings: Min. 0 % Max. 0 %

OBSERVER (please print)
Name: Jacob Knight Title: DEP

Signature: Jacob Knight Date: 4/22/21

Observer Organization: EPC-CP

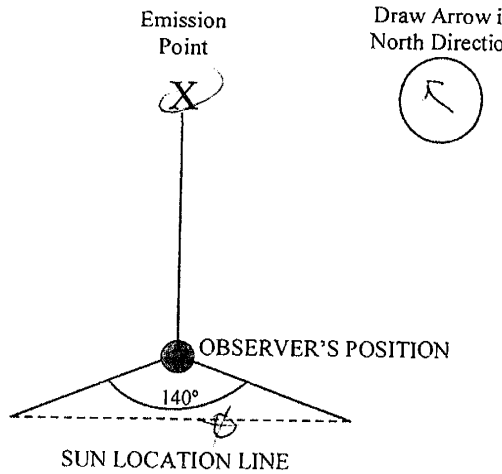
Certified by: ETA Certification Date: 2/19/21

SOURCE LAYOUT SKETCH

Stack with Plume

Sun

Wind



Los Alamos

LOS ALAMOS NATIONAL LABORATORY (LANL)
VISIBLE EMISSION OBSERVATION FORM (10 MINUTE)

Source Name: TA-3-22 Power and Steam Plant

Source Location: Boiler #3

Type of Source: Fuel Oil

Type of Control Equipment: N/A

Describe Emission Point (Top of stack, etc.): Top of East Stack

Height Above Ground Level: 150 Feet

Height Relative to Observer: 140 Feet

Distance From Observer: 200 Feet

Direction of Source From Observer: NE

Description of Plume (stack exit only)
☐Lofting ☐Trapping ☐Looping ☐Fanning ☐Coning
☒No Plume Present

Emission Color: N/A

Plume Type ☒No Plume Present
☐Continuous ☐Fugitive ☐Intermittent

Water Droplets Present?
☒NO ☐YES If YES, droplet plume is ☐Attached ☐Detached

At what point in the plume was opacity determined?
2' above Stack

Describe Background (i.e. blue sky, trees, etc.): Blue Sky

Background Color: Blue

Sky Conditions: Clear

Wind Speed: 16 mph

Wind Direction (provide from/to, i.e. from North to South): W-SW

Ambient Temperature: 52° °F

Relative Humidity: 13 %

Additional Comments/Information:

Observation Date: 4/22/2021

Start Time: 10:36

End Time: 10:46

Min \ Sec	0	15	30	45	Comments
1	0	0	0	0	B5 off - B6 is tripped off
2	0	0	0	0	
3	0	0	0	0	B1 back on
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	0	0	0	0	
10	0	0	0	0	
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Average 10-Minute Opacity: 0%

Range of Opacity Readings Min. 0% Max. 0%

OBSERVER (please print)
Name: Jacob Knight Title: DEP

Signature: Jacob Knight Date: 4/22/21

Observer Organization: EPC-CP

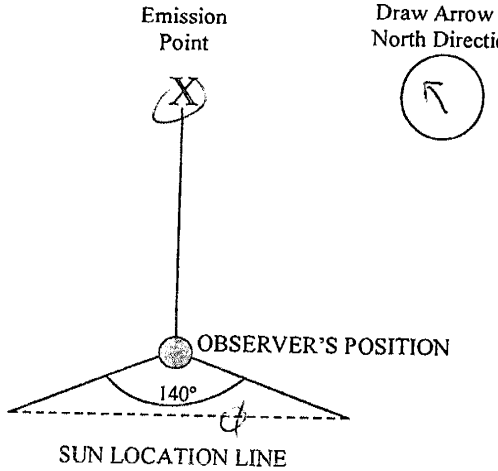
Certified by: ETA Certification Date: 2/19/21

SOURCE LAYOUT SKETCH

Stack with Plume

Sun

Wind



Los Alamos

LOS ALAMOS NATIONAL LABORATORY (LANL)
VISIBLE EMISSION OBSERVATION FORM (10 MINUTE)

Source Name: TA-3-22 Power and Steam Plant

Source Location: Boiler #3

Type of Source: Fuel Oil

Type of Control Equipment: N/A

Describe Emission Point (Top of stack, etc.): Top of East Stack

Height Above Ground Level: 150 Feet

Height Relative to Observer: 140 Feet

Distance From Observer: 200 Feet

Direction of Source From Observer: NE

Description of Plume (stack exit only)
☐Lofting ☐Trapping ☐Looping ☐Fanning ☐Coning
☒No Plume Present

Emission Color: N/A

Plume Type ☒No Plume Present ☐Continuous ☐ Fugitive ☐Intermittent

Water Droplets Present?
☒NO ☐YES If YES, droplet plume is ☐Attached ☐Detached

At what point in the plume was opacity determined? 2' above Stack

Describe Background (i.e. blue sky, trees, etc.): Blue sky

Background Color: Blue

Sky Conditions: Clear

Wind Speed: 17 mph

Wind Direction (provide from/to, i.e. from North to South): Fr. WSW

Ambient Temperature: 52 °F

Relative Humidity: 14 %

Additional Comments/Information: Burners 4/5/6

Observation Date: 4/22/2021

Start Time: 10:47

End Time: 10:57

Min \ Sec	0	15	30	45	Comments
1	0	0	0	0	B4 lit - B6/B5 still on
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	0	0	0	0	
10	0	0	0	0	6 tripped off
11	0	0	0	0	6 Back on
12					
13					
14					
15					
16					
17					
18					
19					
20					

Average 10-Minute Opacity: 0%

Range of Opacity Readings Min. 0% Max. 0%

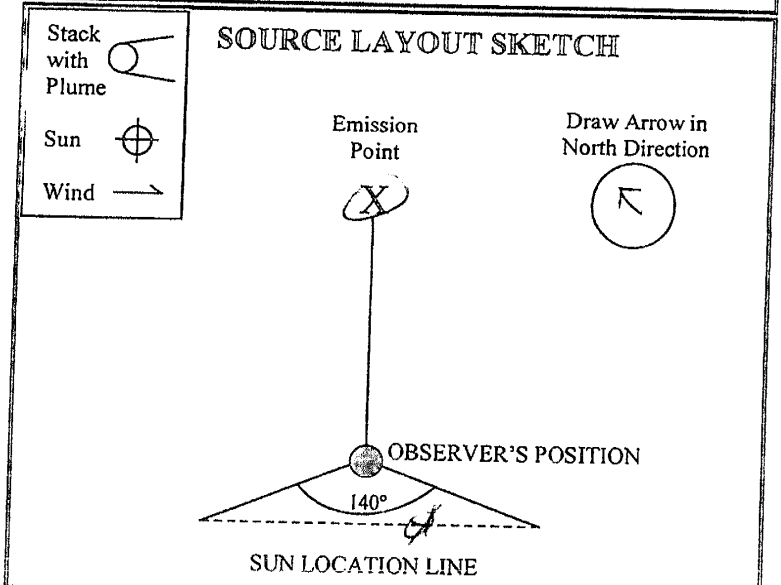
OBSERVER (please print)
Name: Jacob Knight Title: DEP

Signature: [signature] Date: 4/22/21

Observer Organization: EPC-CP

Certified by: ETA Certification Date: 2/19/21

SOURCE LAYOUT SKETCH



Form ENV-CP-Form-1004 04/2015

Los Alamos

LOS ALAMOS NATIONAL LABORATORY (LANL)
VISIBLE EMISSION OBSERVATION FORM (10 MINUTE)

Source Name: TA-3-22 Power and Steam Plant

Source Location: Boiler #3

Type of Source: Fuel Oil

Type of Control Equipment: N/A

Describe Emission Point (Top of stack, etc.): Top of East Stack

Height Above Ground Level: 150 Feet

Height Relative to Observer: 140 Feet

Distance From Observer: 200 Feet

Direction of Source From Observer: NE

Description of Plume (stack exit only)
☐Lofting ☐Trapping ☐Looping ☐Fanning ☐Coning
☑No Plume Present

Emission Color: N/A

Plume Type ☑No Plume Present ☐Continuous ☐Fugitive ☐Intermittent

Water Droplets Present?
☑NO ☐YES If YES, droplet plume is ☐Attached ☐Detached

At what point in the plume was opacity determined? 2' above stack

Describe Background (i.e. blue sky, trees, etc.): Blue Sky

Background Color: Blue

Sky Conditions: Clear

Wind Speed: 15 mph

Wind Direction (provide from/to, i.e. from North to South): Fr. SW

Ambient Temperature: 53 °F

Relative Humidity: 14 %

Additional Comments/Information: Burners 1/4/5/6

Observation Date: 4/22/2021

Start Time: 10:59

End Time: 11:09

Min \ Sec	0	15	30	45	Comments
1	0	0	0	0	B1 1,F 4/5/6 on
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	Boiler 3 on Auto now
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	0	0	0	0	
10	0	0	0	0	
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Average 10-Minute Opacity: 0%

Range of Opacity Readings: Min. 0% Max. 0%

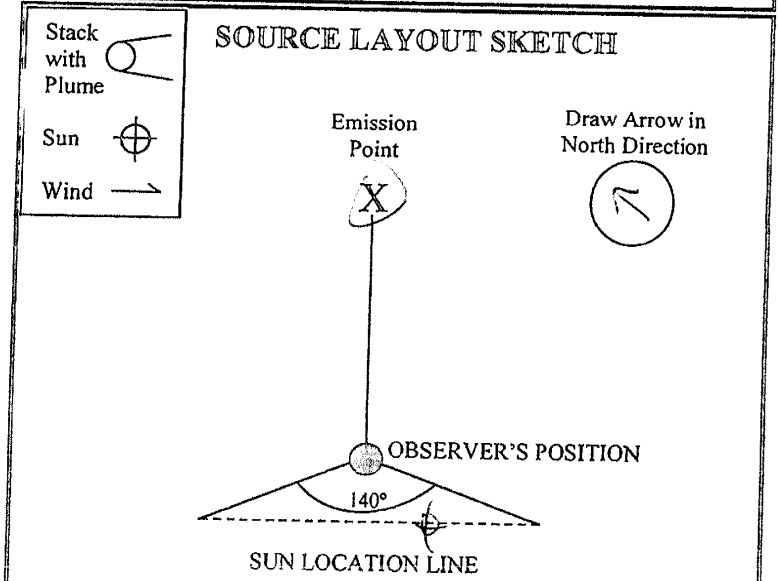
OBSERVER (please print)
Name: Jacob Knight Title: DEP

Signature: Jacob Knight Date: 4/22/21

Observer Organization: EPC-CP

Certified by: ETA Certification Date: 2/19/21

SOURCE LAYOUT SKETCH



Los Alamos

LOS ALAMOS NATIONAL LABORATORY (LANL)
VISIBLE EMISSION OBSERVATION FORM (10 MINUTE)

Source Name: TA-3-22 Power and Steam Plant

Source Location: Boiler #3

Type of Source: Fuel Oil

Type of Control Equipment: N/A

Describe Emission Point (Top of stack, etc.): Top of East Stack

Height Above Ground Level: 150 Feet

Height Relative to Observer: 140 Feet

Distance From Observer: 200 Feet

Direction of Source From Observer: NE

Description of Plume (stack exit only)
☐Lofting ☐Trapping ☐Looping ☐Fanning ☐Coning
☒No Plume Present

Emission Color: NA

Plume Type ☒No Plume Present
☐Continuous ☐Fugitive ☐Intermittent

Water Droplets Present?
☒NO ☐YES If YES, droplet plume is ☐Attached ☐Detached

At what point in the plume was opacity determined?
2' above stack

Describe Background (i.e. blue sky, trees, etc.): Blue Sky

Background Color: Blue

Sky Conditions: Clear

Wind Speed: 15 mph

Wind Direction (provide from/to, i.e. from North to South): Fr. SW

Ambient Temperature: 53 °F

Relative Humidity: 14 %

Additional Comments/Information: Boiler 3 was shut down and is now restarting. There was a brief black plume in between opacity readings due to a burner Mgmt. issue. Attached further documentation

Observation Date	Start Time	End Time
4/22/2021	11:30	11:40

Min \ Sec	0	15	30	45	Comments
1	0	0	0	0	B6 lift
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	0	B5 lift B5/B6 on now
7	0	0	0	0	
8	0	0	0	0	
9	0	0	0	0	
10	0	0	0	0	
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Average 10-Minute Opacity: 0 %

Range of Opacity Readings: Min. 0 % – Max. 0 %

OBSERVER (please print)
Name: Jacob Knight Title: DEP

Signature: Jacob Knight Date: 4/22/21

Observer Organization: EPC-CP

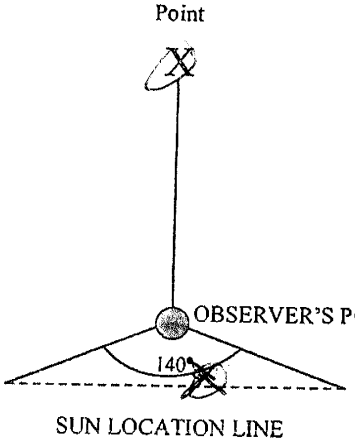
Certified by: ETA Certification Date: 2/19/21

SOURCE LAYOUT SKETCH

Stack with Plume

Sun

Wind →



Knight, Jacob Lamar

From: Knight, Jacob Lamar
Sent: Thursday, April 22, 2021 1:24 PM
To: Mahoney, Katelyn Rose
Cc: Stockton, Marjorie Bloomhardt; Nelson, Nick; Lechel, Bob
Subject: fuel burn opacity readings 4/22/2021

Hi Katelyn,
Today was the last fuel burn on boiler 3 at the power plant for this season at the power plant. The operators began igniting burners one at a time and I had done four 10 minute opacity readings by 11am with no issues. Before the start of my 5th opacity reading at approx.. 11:15 am there was a burner management issue that caused several burners to trip and one burned rich causing black smoke in the 75 to 100 percent opacity range for no more than two minutes. I alerted the operator over the radio and the he shut down the boiler and the smoke ceased. Over a ten minute period this would not have been over a 20% percent opacity average. There were no further issues with the burners after starting back up. I spoke to Margie about this as well. Please let Nick or I know if you have any questions. Thanks,

Jacob

EPC-CP
Deployed Environmental Professional
505-665-5880 office
505-257-8985 cell
Schedule A

Los Alamos

LOS ALAMOS NATIONAL LABORATORY (LANL)
VISIBLE EMISSION OBSERVATION FORM (10 MINUTE)

Source Name: TA-3-22 Power and Steam Plant

Source Location: Boiler #3

Type of Source: Fuel Oil

Type of Control Equipment: N/A

Describe Emission Point (Top of stack, etc.): Top of East Stack

Height Above Ground Level: 150 Feet

Height Relative to Observer: 140 Feet

Distance From Observer: 200 Feet

Direction of Source From Observer: NE

Description of Plume (stack exit only)
☐Lofting ☐Trapping ☐Looping ☐Fanning ☐Coning
☒No Plume Present

Emission Color: N/A

Plume Type ☒No Plume Present
☐Continuous ☐Fugitive ☐Intermittent

Water Droplets Present?
☒NO ☐YES If YES, droplet plume is ☐Attached ☐Detached

At what point in the plume was opacity determined?: 2' above Stack

Describe Background (i.e. blue sky, trees, etc.): Blue Sky

Background Color: Blue

Sky Conditions: Clear

Wind Speed: 14 mph

Wind Direction (provide from/to, i.e. from North to South): Fr. WSW

Ambient Temperature: 54 °F

Relative Humidity: 15 %

Additional Comments/Information: Burners 5/6 on Burner 4 lit

Observation Date: 4/22/2021

Start Time: 11:42

End Time: 11:52

Min \ Sec	0	15	30	45	Comments
1	0	0	0	0	B4 lit
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	0	0	0	0	
10	0	0	0	0	
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Average 10-Minute Opacity: 0%

Range of Opacity Readings: Min. 0% Max. 0%

OBSERVER (please print)
Name: Jacob Knight Title: DEP

Signature: [signature] Date: 4/22/21

Observer Organization: EPC-CP

Certified by: ETA Certification Date: 2/19/21

SOURCE LAYOUT SKETCH

Stack with Plume

Sun

Wind

Emission Point

Draw Arrow in North Direction

OBSERVER'S POSITION

140°

SUN LOCATION LINE

Los Alamos

LOS ALAMOS NATIONAL LABORATORY (LANL)
VISIBLE EMISSION OBSERVATION FORM (10 MINUTE)

Source Name: TA-3-22 Power and Steam Plant

Source Location: Boiler #3

Type of Source: Fuel Oil

Type of Control Equipment: N/A

Describe Emission Point (Top of stack, etc.): Top of East Stack

Height Above Ground Level: 150 Feet

Height Relative to Observer: 140 Feet

Distance From Observer: 200 Feet

Direction of Source From Observer: NE

Description of Plume (stack exit only)
☐Lofting ☐Trapping ☐Looping ☐Fanning ☐Coning
☒No Plume Present

Emission Color: N/A

Plume Type ☒No Plume Present ☐Continuous ☐Fugitive ☐Intermittent

Water Droplets Present?
☒NO ☐YES If YES, droplet plume is ☐Attached ☐Detached

At what point in the plume was opacity determined? 2' Above Stack

Describe Background (i.e. blue sky, trees, etc.): Blue Sky

Background Color: Blue

Sky Conditions: Clear

Wind Speed: 14 mph

Wind Direction (provide from/to, i.e. from North to South): Fr. SW

Ambient Temperature: 54° °F

Relative Humidity: 65 %

Additional Comments/Information: Burners 4, 5, 6 on. Burner 1 lit - 4 burners total - No more to be lit - There were no further issues with Automatic Burner Mgmt. 24 total burn hours this year

Observation Date	Start Time	End Time
4/22/2021	11:52	12:02

Min \ Sec	0	15	30	45	Comments
1	0	0	0	0	B1 lit
2	0	0	0	0	
3	0	0	0	0	Boiler 3 in Auto.
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	0	0	0	0	
10	0	0	0	0	
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Average 10-Minute Opacity: 0%

Range of Opacity Readings: Min. 0% Max. 0%

OBSERVER (please print)
Name: Jacob Knight Title: DEP

Signature: [signature] Date: 4/22/21

Observer Organization: EPC-CP

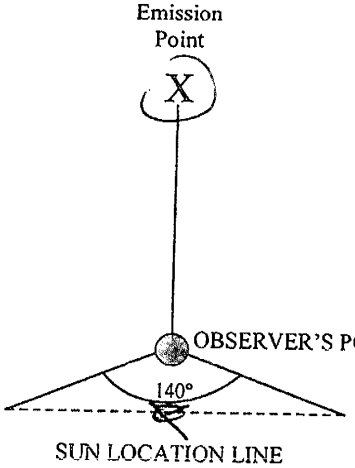
Certified by: ETA Certification Date: 2/19/21

SOURCE LAYOUT SKETCH

Stack with Plume

Sun

Wind



Data is for tower ta6.
This file was obtained from the LANL Weather Machine, http://weather.lanl.gov.
Request made on Thu Apr 22 13:43:54 2021 MST.
All data times are MST.

month	day	year	hour	minute	doy	spd1	spd	dir1	temp	temp0	rh
mm	dd	yyyy	hh	mm	ddd	m/s	mph	deg	deg-F	deg-C	%
4	22	2021	9	30	112	8	17.9	235	52	11.1	14
4	22	2021	9	45	112	7.7	17.2	239	53	11.4	15
4	22	2021	10	0	112	6.6	14.8	236	53	11.4	15
4	22	2021	10	15	112	6.6	14.8	243	53	11.8	15
4	22	2021	10	30	112	5.9	13.2	258	54	12.3	16
4	22	2021	10	45	112	6	13.4	242	55	12.7	15
4	22	2021	11	0	112	6.4	14.3	242	55	12.6	15
4	22	2021	11	15	112	8	17.9	232	55	12.8	15
4	22	2021	11	30	112	7.8	17.4	252	56	13.1	14
4	22	2021	11	45	112	7	15.7	255	56	13.3	15
4	22	2021	12	0	112	7.1	15.9	262	56	13.5	15
4	22	2021	12	15	112	6.2	13.9	239	57	13.9	15
4	22	2021	12	30	112	6.1	13.6	234	57	13.9	15
4	22	2021	12	45	112	6.9	15.4	230	58	14.4	14
4	22	2021	13	0	112	7.5	16.8	245	58	14.7	13

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Operating Permit P100-R2M4

Monitoring Period January 1–June 30, 2021

ATTACHMENT A1307.A.

TA-03 Power Plant

Emission Rate Calculations

Monthly Emission Totals 2021 (tons)

Month		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Totals
All Three Boilers	NOx	1.703	0.856	1.166	0.878	0.478	0.319							**5.40**
	SOx	0.022	0.019	0.018	0.012	0.005	0.003							**0.08**
	TSP	0.224	0.115	0.155	0.116	0.063	0.042							**0.71**
	PM-10	0.224	0.114	0.154	0.116	0.063	0.042							**0.71**
	PM-2.5	0.224	0.113	0.153	0.115	0.063	0.042							**0.71**
	CO	1.174	0.589	0.803	0.605	0.330	0.220							**3.72**
	VOC	0.161	0.080	0.110	0.083	0.045	0.030							**0.51**

12 Month Rolling Emissions 2021 (tons)

Month		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
All Three Boilers	NOx	10.129	9.756	9.899	9.954	9.912	9.806						
	SOx	0.109	0.115	0.123	0.127	0.126	0.125						
	TSP	1.329	1.283	1.303	1.311	1.306	1.292						
	PM-10	1.328	1.281	1.300	1.308	1.303	1.289						
	PM-2.5	1.328	1.280	1.299	1.306	1.301	1.287						
	CO	6.985	6.726	6.824	6.862	6.833	6.760						
	VOC	0.960	0.924	0.937	0.942	0.938	0.928						

(a) Meets permit condition A1307.A, Monitoring Condition 2 of Title V Permit P100-R2M4.

Average Hourly Emissions Calculation (Natural Gas) 2021

Month		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Allowable Emissions[b]
Boiler 1 TA-3-22-1 (pph)	NOx	0.00	0.00	0.00	0.00	0.00	0.00							**10.2**
	SOx	0.00	0.00	0.00	0.00	0.00	0.00							**1.1**
	PM	0.00	0.00	0.00	0.00	0.00	0.00							**1.3**
	PM-10	0.00	0.00	0.00	0.00	0.00	0.00							**1.3**
	PM-2.5	0.00	0.00	0.00	0.00	0.00	0.00							**1.3**
	CO	0.00	0.00	0.00	0.00	0.00	0.00							**7.0**
	VOC	0.00	0.00	0.00	0.00	0.00	0.00							**1.0**
Boiler 2 TA-3-22-2 (pph)	NOx	0.00	1.45	2.93	2.46	0.00	0.00							**10.2**
	SOx	0.00	0.01	0.03	0.03	0.00	0.00							**1.1**
	PM	0.00	0.19	0.38	0.32	0.00	0.00							**1.3**
	PM-10	0.00	0.19	0.38	0.32	0.00	0.00							**1.3**
	PM-2.5	0.00	0.19	0.38	0.32	0.00	0.00							**1.3**
	CO	0.00	1.00	2.02	1.70	0.00	0.00							**7.0**
	VOC	0.00	0.14	0.28	0.23	0.00	0.00							**1.0**
Boiler 3 TA-3-22-3 (pph)	NOx	3.72	3.07	3.11	2.22	1.37	0.96							**10.2**
	SOx	0.04	0.03	0.03	0.02	0.01	0.01							**1.1**
	PM	0.49	0.40	0.41	0.29	0.18	0.13							**1.3**
	PM-10	0.49	0.40	0.41	0.29	0.18	0.13							**1.3**
	PM-2.5	0.49	0.40	0.41	0.29	0.18	0.13							**1.3**
	CO	2.56	2.11	2.14	1.53	0.95	0.66							**7.0**
	VOC	0.35	0.29	0.29	0.21	0.13	0.09							**1.0**

(a) Meets condition A1307.A, monitoring condition 1, of Title V Permit P100-R2M4

(b) Allowable Emissions are from table A1302A of Permit P100-R2M4.

(c) Condition A1307.A, monitoring condition 3, can't be calculated because the units are based on the emission factor. The emission factor for NOx is 58 lbs/MMscf, which is converted to lbs/MMBtu by dividing by the high heat value of natural gas (the number of Btu in a scf). As the HHV of natural gas ranges in value, the emission range was calculated using the low and high values at LANL between 2011 and 2019, the lowest was 1006.6 btu/scf and the highest was 1079.3 btu/scf, therefore the NOx emission rate will range from 0.0537 to 0.0576 lbs/MMBtu. The average Btu value for natural gas is calculated annually and can be found in the GHG emission calculations in this spreadsheet.

Average Hourly Emissions Calculation (Fuel Oil) 2021

Month		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Allowable Emissions[b]
Boiler 1 TA-3-22-1 (pph)	NOx	0.00	0.00	0.00	0.00	0.00	0.00							**11.3**
	SOx	0.00	0.00	0.00	0.00	0.00	0.00							**9.6**
	PM	0.00	0.00	0.00	0.00	0.00	0.00							**4.3**
	PM-10	0.00	0.00	0.00	0.00	0.00	0.00							**3.0**
	PM-2.5	0.00	0.00	0.00	0.00	0.00	0.00							**2.0**
	CO	0.00	0.00	0.00	0.00	0.00	0.00							**6.5**
	VOC	0.00	0.00	0.00	0.00	0.00	0.00							**0.3**
Boiler 2 TA-3-22-2 (pph)	NOx	0.00	0.00	0.00	0.00	0.00	0.00							**11.3**
	SOx	0.00	0.00	0.00	0.00	0.00	0.00							**9.6**
	PM	0.00	0.00	0.00	0.00	0.00	0.00							**4.3**
	PM-10	0.00	0.00	0.00	0.00	0.00	0.00							**3.0**
	PM-2.5	0.00	0.00	0.00	0.00	0.00	0.00							**2.0**
	CO	0.00	0.00	0.00	0.00	0.00	0.00							**6.5**
	VOC	0.00	0.00	0.00	0.00	0.00	0.00							**0.3**
Boiler 3 TA-3-22-3 (pph)	NOx	10.23	10.23	10.23	10.23	0.00	0.00							**11.3**
	SOx	8.74	8.74	8.74	8.74	0.00	0.00							**9.6**
	PM	3.91	3.91	3.91	3.91	0.00	0.00							**4.3**
	PM-10	2.72	2.72	2.72	2.72	0.00	0.00							**3.0**
	PM-2.5	1.84	1.84	1.84	1.84	0.00	0.00							**2.0**
	CO	5.92	5.92	5.92	5.92	0.00	0.00							**6.5**
	VOC	0.24	0.24	0.24	0.24	0.00	0.00							**0.3**

(a) Each boilers uses 1303 gallons per hour at 110% or 178 MMbtu input (provided by Paul Parker on 9-12-12). Hour calculation uses 1184 gph as 100%.

(b) Allowable Emissions are from table A1302A of Permit P100-R2M4.

(c) Meets condition A1307.A, monitoring condition 1, of Title V Permit P100-R2M4

Data Reviewed By: Vince Carretti 7/15/2021

Monthly Average Hourly Emissions Rate 2021 (pph)

Unit TA-3-22-CT-1

(Required by Condition A1307.A of Title V Permit P100-R2M4)

Month		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Totals
TA-3 Combustion Turbine	NOx	12.58	0.00	12.07	12.56	0.00	10.37							23.8
	SOx	0.87	0.00	0.84	0.87	0.00	0.72							1.7
	TSP	1.69	0.00	1.63	1.69	0.00	1.40							1.9
	PM-10	1.69	0.00	1.63	1.69	0.00	1.40							1.9
	PM-2.5	1.69	0.00	1.63	1.69	0.00	1.40							1.9
	CO	2.62	0.00	2.51	2.61	0.00	2.16							29
	VOC	0.55	0.00	0.53	0.55	0.00	0.45							0.6

(a) Meets permit condition A1307.A, Monitoring Condition 2 of Title V Permit P100-R2M4.

12-Month Rolling Emission Rate (tpy)

Month		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Allowable Emissions
TA-3 Combustion Turbine	NOx	8.841	8.841	10.127	10.472	10.472	10.560							59.4
	SOx	0.613	0.613	0.702	0.726	0.726	0.732							4.2
	TSP	1.190	1.190	1.364	1.410	1.410	1.422							4.8
	PM-10	1.190	1.190	1.364	1.410	1.410	1.422							4.8
	PM-2.5	1.190	1.190	1.364	1.410	1.410	1.422							4.8
	CO	1.838	1.838	2.106	2.177	2.177	2.196							72.3
	VOC	0.385	0.385	0.441	0.456	0.456	0.460							1.5

(a) Calculation uses rolling fuel use numbers.

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Operating Permit P100-R2M4

Monitoring Period January 1–June 30, 2021

ATTACHMENT A1307.B.

TA-03 Power Plant

Boiler Fuel Use and Hours of Operation

2021 TA-3 Power Plant Fuel Use Totals

Month	TA-3-22-1 Power Plant[b] Boiler # 1 (Edgemoor Iron Works, 210 mmBtu/hr)		TA-3-22-2 Power Plant[b] Boiler # 2 (Edgemoor Iron Works, 210 mmBtu/hr)		TA-3-22-3 Power Plant[b] Boiler # 3 (Union Iron Works, 210 mmBtu/hr)		Monthly Totals All Boilers	
	Natural Gas (mscf)[a]	Fuel Oil (gallons)[a]	Natural Gas (mscf)[a]	Fuel Oil (gallons)[a]	Natural Gas (mscf)[a]	Fuel Oil (gallons)[a]	Natural Gas (mmscf)[a]	Fuel Oil (gallons)[a]
January	0	0	234	0	58,317	1,147	58.55	1147
February	0	0	5,404	0	23,708	2,814	29.11	2814
March	0	0	864	0	39,090	1,635	39.95	1635
April	0	0	2,160	0	27,989	855	30.15	855
May	0	0	0	0	16,490	0	16.49	0
June	0	0	0	0	11,014	0	11.01	0
July								
August								
September								
October								
November								
December								
Jan. - June	0	0	8,662	0	176,609	6,451	185	6,451
July - Dec.								
Annual Totals:	0	0	8,662	0	176,609	6,451	185	6,451

TA-3 Power Plant Hours of Operation

Month	Hours Natural Gas			Hours Fuel Oil			12-Month Rolling Total Hours All Boilers
	Boiler 1	Boiler 2	Boiler 3	Boiler 1	Boiler 2	Boiler 3	
January	0.0	0.0	909.8	0.0	0.0	1.0	9296.5
February	0.0	216.9	448.5	0.0	0.0	2.4	8997.6
March	0.0	17.1	729.8	0.0	0.0	1.4	9002.0
April	0.0	50.9	730.4	0.0	0.0	0.7	9063.6
May	0.0	0.0	696.0	0.0	0.0	0.0	9015.8
June	0.0	0.0	667.0	0.0	0.0	0.0	8962.8
July							
August							
September							
October							
November							
December							

Data Reviewed By: Vince Carretti 7/15/2021

12 Month Rolling Fuel Totals For Each TA-3 Power Plant Boiler - 2021

Month	Boiler 1		Boiler 2		Boiler 3		All Boilers	
	Natural Gas (mmscf)	Fuel Oil (gal.)	Natural Gas (mmscf)	Fuel Oil (gal.)	Natural Gas (mmscf)	Fuel Oil (gal.)	Natural Gas (mmscf)	Fuel Oil (gal.)
January	0.00	0	55.56	0	293.55	1,147	349.11	1,147
February	0.00	0	55.05	0	280.76	3,961	335.81	3,961
March	0.00	0	55.91	0	284.59	5,596	340.50	5,596
April	0.00	0	56.34	0	285.93	6,451	342.28	6,451
May	0.00	0	49.64	0	291.20	6,451	340.84	6,451
June	0.00	0	49.64	0	287.53	6,451	337.17	6,451
July								
August								
September								
October								
November								
December								
					Permit Limits:		1000 MMscf	500,000 gal

ATTACHMENT A1307.C.

TA-03 Power Plant

Turbine Fuel Use and Hours of Operation

2021 Daily Turbine Gas Use (Mscf), 12 Month Rolling Total Gas Use, & Hours of Operation

Day	Jan		Feb		Mar		Apr		May		Jun		July		Aug		Sept		Oct		Nov		Dec	
	Gas Use	Hrs	Gas Use	Hrs	Gas Use	Hrs	Gas Use	Hrs	Gas Use	Hrs	Gas Use	Hrs	Gas Use	Hrs	Gas Use	Hrs	Gas Use	Hrs	Gas Use	Hrs	Gas Use	Hrs	Gas Use	Hrs
1	0	0.0	0	0.0	739	2.0	5437	24.0	0	0.0	0	0.0												
2	0	0.0	0	0.0	0	0.0	3256	11.0	0	0.0	0	0.0												
3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0												
4	3846	17.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0												
5	6007	24.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0												
6	6007	24.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0												
7	3521	12	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0												
8	5938	24.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0												
9	6200	24.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0												
10	6203	24.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0												
11	5794	24.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0												
12	6250	24.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0												
13	6107	24.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0												
14	5601	24.0	0	0.0	0	0.0	4	0.0	0	0.0	0	0.0												
15	4852	18.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0												
16	6178	24.0	0	0.0	0	0.0	88	0.0	0	0.0	0	0.0												
17	5948	24.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0												
18	6116	23.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0												
19	0	0.0	0	0.0	42	0.0	1833	8.0	0	0.0	0	0.0												
20	0	0.0	0	0.0	0	0.0	2862	12.0	0	0.0	0	0.0												
21	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0												
22	0	0.0	0	0.0	3236	14.0	95	0.0	0	0.0	0	0.0												
23	3809	18.0	0	0.0	5214	22.0	0	0.0	0	0.0	0	0.0												
24	5731	24.0	0	0.0	1800	7.0	0	0.0	0	0.0	0	0.0												
25	6759	24.0	0	0.0	5785	24.0	0	0.0	0	0.0	0	0.0												
26	6308	24.0	8	0.0	5623	24.0	0	0.0	0	0.0	0	0.0												
27	4234	19.0	4	0.0	5750	24.0	0	0.0	0	0.0	0	0.0												
28	5785	24.0	0	0.0	5609	24.0	0	0.0	0	0.0	35	0.0												
29	5470	24.0			5712	24.0	0	0.0	0	0.0	301	2.0												
30	5695	24.0			5549	24.0	101	0.0	0	0.0	3155	15.0												
31	2320	9.0			5848	24.0			0	0.0														
Sum	130679	524	12	0	50907	213	13676	55	0	0	3491	17												
12 Mo. Rolling Averages Mscf	350,131		350,143		401,050		414,726		414,726		418,217													
12 Mo. Rolling Averages MMscf	350.1		350.1		401.1		414.7		414.7		418.2													
12 Mo. Rolling Averages Hours	1,445		1,445		1,658		1,713		1,713		1,730													

First Half Gas Use:	199 MMscf
Second Half Gas Use:	0 MMscf
Annual Gas Use:	199 MMscf
Permit Limit (12 mo rolling):	1400 MMscf

2020 High Heat Value (HHV) for natural gas[k] =	0.0010533 MMBtu/scf
Total Annual Hours:	809.4 Hours
Percent of Year Run:	9%

Reviewed by/date: Vince Carretti 7/7/20121

ATTACHMENT A1307.D.

TA-03 Power Plant

Turbine Operating Logs

Utilities and Institutional Facilities

CGTG HOURLY READING LOG

Date: 01-04-2021

MST / MDT (circle one)

Time Gas Introduced (Turbine Rolling): 0635

Time of Turbine Online (Brkr Closed): 0653

Time Turbine Offline (Brkr Open):

Time No Gas Flow:

Notes: PSS UNAVAILABLE

	Instrument Air Compressor	I.D	Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Blowdown Dry Receiver Tank Hourly	BVT-013	V										✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	Blowdown Wet Receiver Tank Hourly	BVT-007	V										✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	Wet Receiver Air Pressure	PI-002	psig	90	105	120							110	106	109	110	106	110	108	110	110	106	106	110	108	108	110	112	106	108
4	Instrument Temperature	TI-001	deg C		20	50							14	15	16	16	18	19	19	18	20	20	19	19	19	19	19	18	18	18
5	Fin Fan Cooler		Units	Low	Norm	Max																								
6	Coolant Pressure	PI-250	psig		25								19	19	19	19	19.5	19.5	19.5	19.5	19	19	19	19	19	19	19	19	19	19
7	Coolant PLC Temperature	TI-002	deg F	100	110	120							110	106	109	110	106	98	98	110	106	109	105	104	102	108	104	106	104	102
8	Sight glass Level Expansion Tank	LI-001	LEVEL	1/3	2/3	FULL							1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
9	Coolant Return Differential from GG	FI-001	In WC		60	80							63	63	63	63	60	60	60	60	60	60	60	60	60	60	60	60	60	60
10	Coolant Return Differential from	FI-002	In WC		37	50							33	33	33	33	35	35	35	35	33	33	33	33	35	35	35	35	35	35
11	Control Room		Units	Low	Norm	Max																								
12	Room Temperature		deg F		72	85							70	70	70	70	70	70	70	70	70	70	70	70	70	72	72	72	72	72
15	WECC Log		Operational?																											
16	Operation of PSS/on at 6.5MW		Yes (Y)			No (N)							N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
17	Operation of AVR Voltage Mode @ 13.6 KV		Yes (Y)			No (N)							Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
	Entronic Control System		Units	Low	Norm	Max																								
	(18–20 found on Air Diagram page)																													
18	2000 gal Oil Water Tank Level	LI-231	%			70%							18	18	18	18	17	17	17	17	17	17	17	17	17	17	17	17	17	17
19	10 gal gas TG Drain Tank (Air Diagram page)	LI-230	%			70%							0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Record on hard S/D trip over 4500 rpm NL Compressor (on line trip)	A63GGD ST-01	psig	35	20																									
21	Acknowledge Alarms Hourly		V										✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	(22–24 found on Power Management page)																													
22	Generator Current		Amps			1427							1089	1078	1062	1059	1076	1048	1028	1027	1031	1040	1057	1063	1068	1070	1071	1069	1072	1070
23	Mw Output		MW			27							25.8	25.5	25.1	24.9	24.7	24.7	24.3	24.2	24.3	24.5	25.0	25.1	25.3	25.3	25.3	25.3	25.3	25.3
24	80% Base Load Minimum		MW										21.2	20.9	20.6	20.5	20.3	20.3	20.0	19.9	20.0	20.2	20.5	20.6	20.8	20.8	20.8	20.8	20.8	20.8
25	Running Hours (unit overview)												5348	5349	5350	5351	5352	5353	5354	5355	5356	5357	5358	5359	5360	5361	5362	5363	5364	5365
26	Ambient Temperature	T1 inlet											31.5	34.3	37.9	39.4	41.9	41.7	45.9	46.6	45.3	43.3	39.2	38.1	36	36	36	35	35	35
	(27–28 found on Gas Fuel System page)																													
27	Waste Oil Tank	LI-120	%			70%																								
28	Total Fuel Flow		Mscf/h										47	47	46	45	45	45	44	46	46	46	47	47	47	47	47	47	47	47

Date: 01-04-2021 Signature: GOMEZ

CGTG TURBINE

UTILITIES AND INFRASTRUCTURE

Natural Gas Compressor		Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
GAS COMPRESSOR START TIME	0500																												
Combustible Gas Detector	AAH-303	%		0%	20%																								
Packing Lube Oil Flow Indicator Left Side	FSL-1501B	LIGHT		BLINK								B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
Liquid Level Coalescing	LI-7721	LIQID		EMPTY	ANY							E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Crankcase Bulls eye	LC-1574	LEVEL	1/4	1/2	FULL							1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
Oil Day Tank Level	LI-1562	GAL	10		FULL							F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
Lubricator Bulls eye		LEVEL	1/2	FULL								F	F	F	F	F	F	F	F	F	F	E	F	F	F	F	F	F	F
1st Stage Scrubber Liquid Level	LI-7416	LIQID		EMPTY	ANY							E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
2nd Stage Scrubber Liquid Level	LI-7466	LIQID		EMPTY	ANY							E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Packing Lube Oil Flow Indicator Right Side	FSL-1501A	LIGHT		BLINK								B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
1st Stage Inlet Press.	PI-2100	psig		88	140							81	81	81	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82
Stage Disch. Press	PI-2101	psig		238	285							246	246	247	247	247	247	249	249	250	250	250	250	250	250	250	249	249	250
2nd Stage Inlet Press	PI-2200	psig		267	285							242	242	243	243	243	243	246	246	246	246	245	245	245	245	245	246	245	245
2nd Stage Disch. Press	PI-2201	psig		575	600							564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	565	565
Final Discharge Pressure	PI-2108	psig		575	600							560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560
Lube Oil Pressure	PI-1572	psig	40	60								58	57	57	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58
Lube Oil Temp	TE-1584	deg		150	170							168	168	168	169	170	170	170	170	169	169	170	170	170	170	169	169	169	169
Final Discharge Temp	TE-2120	deg		110	150							70	70	70	75	77	77	83	83	81	81	75	75	75	72	72	73	72	72
1st Stage Cylinder Disch. Temperature A	TE-2054 A	deg		226	297							203	203	203	203	204	204	205	204	204	204	201	201	202	200	200	199	199	200
2nd Stage Cylinder Disch. Temperature A	TE-2062 A	deg		258	283							202	201	201	205	206	206	211	211	209	209	204	204	203	202	202	200	200	200
1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg		226	297							202	202	202	202	202	202	204	204	203	203	200	200	200	198	199	200	200	200
2nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg		258	283							204	204	204	204	206	206	211	211	209	209	204	204	204	203	203	200	200	200
Motor Frame Vibration	VT-1015	IPS			0.15							.03	.03	.04	.04	.04	.04	.04	.04	.04	.03	.04	.04	.04	.04	.04	.04	.04	.04
Compresser Frame Vibration	VT-1512	IPS			0.35							.05	.05	.05	.05	.06	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05
Take Once per Shift / at Full Load		psig		Max psid		When the differential pressure exceeds Max psid the filter should be changed out. Notify System Engineer																							
Natural Gas Comp.Discharge Press.												560																	
Double Block and Bleed Pressure	A63FGDT	49-48=psid			8							555																	
Fuel Gas Supply Pressure	A63FTGST	50-49=psid			20							542																	

DATE 01-04-2021

SIGNATURE GOMEZ

Mid Shift

Days Shift

Notes

Utilities and Institutional Facilities

CGTG HOURLY READING LOG

Date: JAN 05 2021

(MST) / MDT (circle one)

Time Gas Introduced (Turbine Rolling):

Time of Turbine Online (Brkr Closed):

Time Turbine Offline (Brkr Open):

Time No Gas Flow:

Notes: PSS UNAVAILABLE

							1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	Instrument Air Compressor	I.D	Units	Low	Norm	Max																								
1	Blowdown Dry Receiver Tank Hourly	BVT-013	v				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	Blowdown Wet Receiver Tank Hourly	BVT-007	v				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	Wet Receiver Air Pressure	PI-002	psig	90	105	120	108	112	108	108	110	112	110	108	100	97	99	103	100	105	105	99	102	101	108	108	110	112	110	106
4	Instrument Temperature	TI-001	deg C		20	50	16	16	16	16	16	16	16	17	17	17	19	18	19	17	20	20	20	20	20	18	18	18	18	18
5	Fin Fan Cooler		Units	Low	Norm	Max																								
6	Coolant Pressure	PI-250	psig		25		19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
7	Coolant PLC Temperature	TI-002	deg F	100	110	120	104	106	100	102	98	100	111	100	101	97	100	101	105	100	96	101	107	105	108	100	102	98	101	102
8	Sight glass Level Expansion Tank	LI-001	LEVEL	1/3	2/3	FULL	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
9	Coolant Return Differential from GG	FI-001	In WC		60	80	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
10	Coolant Return Differential from	FI-002	In WC		37	50	35	35	35	35	35	35	36	34	36	36	34	34	34	36	34	36	35	35	35	35	35	35	35	35
11	Control Room		Units	Low	Norm	Max																								
12	Room Temperature		deg F		72	85	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72
15	WECC Log		Operational?																											
16	Operation of PSS/on at 6.3MW		Yes (Y)			No (N)	N	N	N	N	N	N	Y	Y	N	N	N	N	N	Y	Y	Y	Y	Y	N	N	N	N	N	N
17	Operation of AVR Voltage Mode @ 13.6 KV		Yes (Y)			No (N)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
	Entronic Control System		Units	Low	Norm	Max																								
	(18–20 found on Air Diagram page)																													
18	2000 gal Oil Water Tank Level	LI-231	%			70%	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
19	10 gal gas TG Drain Tank (Air Diagram page)	LI-230	%			70%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Record on hard S/D trip over 4500 rpm NL Compressor (on line trip)	A63GGD ST-01	psig	35	20		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
21	Acknowledge Alarms Hourly		v				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	(22–24 found on Power Management page)																													
22	Generator Current		Amps			1427	1071	1071	1072	1076	1078	1079	1072	1073	1026	1021	1087	1009	1013	0614	1025	1039	1046	1041	1046	1066	1076	1079	1077	1080
23	Mw Output		MW			27	25.3	25.3	25.3	25.4	25.5	25.6	25.3	25.3	24.3	24.1	23.8	23.4	22.9	23.6	24.2	24.6	24.7	24.6	24.6	25.0	25.6	25.6	25.6	25.6
24	80% Base Load Minimum		MW				20.9	20.9	21.1	21.1	21.2	21.2	20.0	20.0	20.8	20.2	19.9	19.9	20.0	20.1	20.1	20.4	20.5	20.4	20.5	21.0	21.0	21.1	21.1	21.1
25	Running Hours (unit overview)						5366	5367	5368	5369	5370	5370	5372	5373	5374	5375	5376	5377	5378	5379	5380	5381	5382	5381	5384	5385	5386	5387	5388	5389
26	Ambient Temperature	T1 inlet					35	35	34	34	33	32	34	34	42	45	48	42.3	42.2	46.8	45	40.3	39.4	39.2	38	35	33	32	32	32
	(27–28 found on Gas Fuel System page)																													
27	Waste Oil Tank	LI-120	%			70%	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	
28	Total Fuel Flow		Mscf/h																											

Date: JAN 05 2021 Signature: JW

CGTG TURBINE

UTILITIES AND INFRASTRUCTURE

Natural Gas Compressor		Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
GAS COMPRESSOR START TIME																													
Combustible Gas Detector	AAH-303	%		0%	20%	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
Packing Lube Oil Flow Indicator Left Side	FSL-1501B	LIGHT		BLINK		E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Liquid Level Coalescing	LI-7721	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	Y2	Y2	Y2	Y2	Y2	Y2
Crankcase Bulls eye	LC-1574	LEVEL	1/4	1/2	FULL	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	F	F	F	F	F	F
Oil Day Tank Level	LI-1562	GAL	10		FULL	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
Lubricator Bulls eye		LEVEL	1/2	FULL		F	F	F	F	F	F	F	F	F	E	F	F	F	F	F	F	F	F	E	E	E	E	E	E
1st Stage Scrubber Liquid Level	LI-7416	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	F	E	E	E	E	E	E
2nd Stage Scrubber Liquid Level	LI-7466	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	F	E	E	E	E	E	E
Packing Lube Oil Flow Indicator Right Side	FSL-1501A	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
1st Stage Inlet Press.	PI-2100	psig		88	140	82	82	82	82	83	83	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82
Stage Disch. Press	PI-2101	psig		238	285	249	249	249	250	250	250	247	247	249	249	250	250	250	250	250	251	249	249	249	249	249	250	250	249
2nd Stage Inlet Press	PI-2200	psig		267	285	245	245	246	246	245	245	243	243	245	245	246	246	246	246	246	245	245	245	245	245	245	245	245	245
2nd Stage Disch. Press	PI-2201	psig		575	600	565	565	565	565	565	565	564	564	564	564	564	564	564	563	564	563	563	563	565	565	565	565	565	565
Final Discharge Pressure	PI-2108	psig		575	600	560	560	560	560	560	560	559	559	559	559	559	559	560	560	559	559	560	560	560	560	560	560	560	560
Lube Oil Pressure	PI-1572	psig	40	60		58	58	58	59	59	58	57	57	57	57	58	58	58	58	57	57	57	57	58	58	58	58	58	58
Lube Oil Temp	TE-1584	deg		150	170	169	169	169	169	169	169	169	169	169	168	170	169	169	169	169	169	170	170	170	169	169	169	169	169
Final Discharge Temp	TE-2120	deg		110	150	72	72	73	73	73	74	70	74	79	79	83	83	83	83	80	80	78	78	78	74	74	73	73	73
1st Stage Cylinder Disch. Temperature A	TE-2054 A	deg		226	297	199	199	198	198	198	198	197	197	200	201	203	203	203	203	202	201	200	201	200	199	199	197	197	197
2nd Stage Cylinder Disch. Temperature A	TE-2062 A	deg		258	283	200	200	200	201	201	200	195	197	205	205	209	208	208	208	207	206	203	203	200	198	198	199	198	198
1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg		226	297	198	198	200	200	201	200	196	198	199	199	202	202	202	202	201	201	199	199	201	198	196	196	196	196
2nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg		258	283	200	200	201	201	200	200	197	197	205	204	209	208	208	208	207	206	203	203	200	198	198	199	198	198
Motor Frame Vibration	VT-1015	IPS			0.15	.04	.04	.04	.04	.04	.09	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04
Compresser Frame Vibration	VT-1512	IPS			0.35	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.06	.06	.05	.05
Take Once per Shift / at Full Load		psig		Max psid		When the differential pressure exceeds Max psid the filter should be changed out. Notify System Engineer																							
Natural Gas Comp.Discharge Press.																													
Double Block and Bleed Pressure	A63FGDT	49-48=psid			8																								
Fuel Gas Supply Pressure	A63FTGST	50-49=psid			20																								

DATE	JAN 05 2021
SIGNATURE	
Mid Shift	
Days Shift	

Notes

Utilities and Institutional Facilities

CGTG HOURLY READING LOG

Date: JAN 06 2021

(MST) / MDT (circle one)

Time Gas Introduced (Turbine Rolling):

Time of Turbine Online (Brkr Closed):

Time Turbine Offline (Brkr Open):

Time No Gas Flow:

Notes: PSS UNAVAILABLE

	Instrument Air Compressor	I.D	Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Blowdown Dry Receiver Tank Hourly	BVT-013	√				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	Blowdown Wet Receiver Tank Hourly	BVT-007	√				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	Wet Receiver Air Pressure	PI-002	psig	90	105	120	108	110	112	108	108	112	109	100	103	90	100	99	104	105	104	101	98	106	108	110	106	112	108	110
4	Instrument Temperature	TI-001	deg C		20	50	16	16	16	16	16	16	16	10	10	13	19	19	19	19	19	19	19	19	19	19	18	18	18	18
5	Fin Fan Cooler		Units	Low	Norm	Max																								
6	Coolant Pressure	PI-250	psig		25		19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
7	Coolant PLC Temperature	TI-002	deg F	100	110	120	101	104	102	101	99	101	98	101	101	110	103	100	105	101	103	104	99	105	100	102	110	101	104	99
8	Sight glass Level Expansion Tank	LI-001	LEVEL	1/3	2/3	FULL	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
9	Coolant Return Differential from GG	FI-001	In WC		60	80	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
10	Coolant Return Differential from	FI-002	In WC		37	50	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
11	Control Room		Units	Low	Norm	Max																								
12	Room Temperature		deg F		72	85	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	71	71	71	71	71	71
15	WECC Log		Operational?																											
16	Operation of PSS/on at 6.3MW		Yes (Y)			No (N)	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
17	Operation of AVR Voltage Mode @ 13.6 KV		Yes (Y)			No (N)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
	Entronic Control System		Units	Low	Norm	Max																								
	(18–20 found on Air Diagram page)																													
18	2000 gal Oil Water Tank Level	LI-231	%			70%	17	17	17	17	17	17	17	17	17	18	18	18	18	19	18	18	18	18	18	18	18	18	18	18
19	10 gal gas TG Drain Tank (Air Diagram page)	LI-230	%			70%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	0
20	Record on hard S/D trip over 4500 rpm NL Compressor (on line trip)	A63GGD 5T-01	psig	35	20																									
21	Acknowledge Alarms Hourly		√				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	(22–24 found on Power Management page)																													
22	Generator Current		Amps			1427	1097	1103	1110	1111	1112	1114	1112	1119	1092	1080	1069	1048	1055	1046	1044	1047	1067	1081	1087	1093	1092	1096	1094	1096
23	Mw Output		MW			27	25.9	26.0	26.2	26.2	26.3	26.3	26.3	26.4	25.8	25.5	25.3	24.9	24.9	24.5	24.7	24.7	25.1	25.4	25.7	25.1	25.8	25.8	25.9	25.9
24	80% Base Load Minimum		MW				21.4	21.5	21.6	21.6	21.8	21.8	21.8	21.7	21.2	21.1	20.9	20.6	20.6	20.5	20.3	20.5	20.7	20.9	21.1	21.2	21.2	21.3	21.3	21.3
25	Running Hours (unit overview)						5390	5391	5392	5393	5394	5395	5396	5397	5398	5399	5400	5401	5401	5402	5403	5404	5405	5406	5407	5408	5409	5410	5411	5412
26	Ambient Temperature	T1 Inlet					29	28	28	26	26	24	24	25.5	30.9	31.6	34.7	37.8	37.9	39.2	40.0	39.7	37.0	34.3	32	32	30	30	30	29
	(27–28 found on Gas Fuel System page)																													
27	Waste Oil Tank	LI-120	%			70%	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	46	46	46	46					
28	Total Fuel Flow		Mscf/h																											

Date: JAN 06 2021 Signature:

CGTG TURBINE

UTILITIES AND INFRASTRUCTURE

Natural Gas Compressor		Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
GAS COMPRESSOR START TIME																													
Combustible Gas Detector	AAH-303	%		0%	20%																								
Packing Lube Oil Flow Indicator Left Side	FSL-1501B	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
Liquid Level Coalescing	LI-7721	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Crankcase Bulls eye	LC-1574	LEVEL	1/4	1/2	FULL	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½
Oil Day Tank Level	LI-1562	GAL	10		FULL	F	F	F	F	F	F	F	53	53	53	53	52	53	53	53	53	53	53	53	53	53	53	53	53
Lubricator Bulls eye		LEVEL	1/2	FULL		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
1st Stage Scrubber Liquid Level	LI-7416	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
2nd Stage Scrubber Liquid Level	LI-7466	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Packing Lube Oil Flow Indicator Right Side	FSL-1501A	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
1st Stage Inlet Press.	PI-2100	psig		88	140	82	82	83	83	82	82	82	81	82	81	81	81	81	82	82	82	82	82	82	82	82	83	83	82
Stage Disch. Press	PI-2101	psig		238	285	249	250	250	249	249	258	248	247	249	247	247	246	249	248	248	249	249	249	256	249	249	249	249	249
2nd Stage Inlet Press	PI-2200	psig		267	285	245	245	245	245	250	250	250	244	244	243	244	244	248	244	244	245	245	245	245	245	245	245	245	245
2nd Stage Disch. Press	PI-2201	psig		575	600	565	564	564	565	565	565	563	564	564	564	564	564	564	564	564	564	564	564	564	565	565	564	564	564
Final Discharge Pressure	PI-2108	psig		575	600	560	560	560	560	560	560	560	559	559	560	559	559	559	560	560	559	559	559	560	560	560	560	560	560
Lube Oil Pressure	PI-1572	psig	40	60		58	58	58	59	59	58	57	57	57	57	57	57	57	57	57	57	57	57	57	58	58	58	57	57
Lube Oil Temp	TE-1584	deg		150	170	169	169	169	169	169	169	169	169	169	169	170	170	170	170	170	169	169	169	169	169	169	169	169	169
Final Discharge Temp	TE-2120	deg		110	150	71	72	72	74	74	72	72	70	70	70	72	72	72	75	75	74	74	74	74	72	72	72	72	71
1st Stage Cylinder Disch. Temperature A	TE-2054 A	deg		226	297	197	199	200	200	200	206	204	195	196	196	197	197	197	198	198	197	197	197	198	198	197	197	197	198
2ndStage Cylinder Disch. Temperature A	TE-2062 A	deg		258	283	198	198	200	201	200	200	200	197	199	197	199	199	199	202	201	202	202	201	200	198	199	198	198	197
1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg		226	297	196	199	200	200	199	200	200	194	198	194	195	195	193	197	197	196	196	199	200	196	196	199	196	196
2nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg		258	283	198	200	200	200	198	199	199	197	199	197	198	198	199	202	202	202	202	201	201	198	198	198	199	199
Motor Frame Vibration	VT-1015	IPS			0.15	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05
Compresser Frame Vibration	VT-1512	IPS			0.35	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.04	.04	.04	.05	.05	.06	.06	.06	.06
Take Once per Shift / at Full Load		psig		Max psid		When the differential pressure exceeds Max psid the filter should be changed out. Notify System Engineer																							
Natural Gas Comp.Discharge Press.																													
Double Block and Bleed Pressure	A63FGDT	49-48=psid			8																								
Fuel Gas Supply Pressure	A63FTGST	50-49=psid			20																								

DATE JAN 06 2021

SIGNATURE

Mid Shift

Days Shift

Notes

Utilities and Institutional Facilities

Date: JAN 07 2021

CGTG HOURLY READING LOG

(MST)/ MDT (circle one)

Time Gas Introduced (Turbine Rolling): 1416

Time of Turbine Online (Brkr Closed): 1552

Time Turbine Offline (Brkr Open): 0358

Time No Gas Flow:

Notes: TRIP @ 0338
PSS UNAVAILABLE

	Instrument Air Compressor	I.D	Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Blowdown Dry Receiver Tank Hourly	BVT-013	v				✓	✓	✓													✓	✓	✓	✓	✓	✓	✓	✓	✓
2	Blowdown Wet Receiver Tank Hourly	BVT-007	v				✓	✓	✓													✓	✓	✓	✓	✓	✓	✓	✓	✓
3	Wet Receiver Air Pressure	PI-002	psig	90	105	120	100	102	101													112	110	108	108	110	107	110	108	109
4	Instrument Temperature	TI-001	deg C		20	50	14	14	14													22	20	19	17	16	16	15	15	15
5	Fin Fan Cooler		Units	Low	Norm	Max																								
6	Coolant Pressure	PI-250	psig		25		19	19	19													19.2	19.1	19	19	19	19	19	19	19
7	Coolant PLC Temperature	TI-002	deg F	100	110	120	104	100	100													101	99	100	103	102	104	100	102	100
8	Sight glass Level Expansion Tank	LI-001	LEVEL	1/3	2/3	FULL	1/2	1/2	1/2													1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
9	Coolant Return Differential from GG	FI-001	In WC		60	80	60	60	60													60	60	60	60	60	60	60	60	60
10	Coolant Return Differential from	FI-002	In WC		37	50	35	35	35													36	36	36	35	36	36	35	35	35
11	Control Room		Units	Low	Norm	Max																								
12	Room Temperature		deg F		72	85	72	72	72													73.5	73.5	73.5	74	75	75	75	75	75
15	WECC Log		Operational?																											
16	Operation of PSS/on at 6.3MW		Yes (Y)			No (N)	N	N	N	N												~	~	N	N	N	N	N	N	N
17	Operation of AVR Voltage Mode @ 13.6 KV		Yes (Y)			No (N)	Y	Y	Y	Y												Y	Y	Y	Y	Y	Y	Y	Y	Y
	Entronic Control System		Units	Low	Norm	Max																								
	(18–20 found on Air Diagram page)																													
18	2000 gal Oil Water Tank Level	LI-231	%			70%	17	17	17	17												17	17	17	17	17	17	17	17	17
19	10 gal gas TG Drain Tank (Air Diagram page)	LI-230	%			70%	0	0	0	0												0	0	0	0	0	0	0	0	0
20	Record on hard S/D trip over 4500 rpm NL Compressor (on line trip)	A63GGD ST-01	psig	35	20																									
21	Acknowledge Alarms Hourly		v				✓	✓	✓	✓												✓	✓	✓	✓	✓	✓	✓	✓	✓
	(22–24 found on Power Management page)																													
22	Generator Current		Amps			1427	1099	1096	1098	1059												1067	1035	1059	1059	1058	1062	1077	1071	1073
23	Mw Output		MW			27	26.0	26.0	26.0	25.7												24.0	24.6	25.1	25.1	25.1	25.2	25.4	25.3	25.5
24	80% Base Load Minimum		MW				21.5	21.5	21.5	20.7												20.0	20.3	20.7	20.7	20.7	20.8	21.6	20.8	21.0
25	Running Hours (unit overview)						5414	3415	3416													5418	5419	5420	5421	5422	5423	5424	5425	5426
26	Ambient Temperature	T1 inlet					28	28	27	37												45	41	36	37	37	36	34	35	33
	(27–28 found on Gas Fuel System page)																													
27	Waste Oil Tank	LI-120	%			70%	47	47	47													47	48	48	49	49	49	43	49	49
28	Total Fuel Flow		Mscf/h																											

Date: JAN 07 2021 Signature: [signature] day shift – [signature]

CGTG TURBINE

UTILITIES AND INFRASTRUCTURE

Natural Gas Compressor		Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
GAS COMPRESSOR START TIME	1200																												
Combustible Gas Detector	AAH-303	%		0%	20%																								
Packing Lube Oil Flow Indicator Left Side	FSL-1501B	LIGHT		BLINK		B	B	B													B	B	B	B	B	B	B	B	B
Liquid Level Coalescing	LI-7721	LIQID		EMPTY	ANY	E	E	E													E	E	E	E	E	E	E	E	E
Crankcase Bulls eye	LC-1574	LEVEL	1/4	1/2	FULL	1/2	1/2	1/2													1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
Oil Day Tank Level	LI-1562	GAL	10		FULL	52	52	52													50	50	50	50	50	50	50	50	50
Lubricator Bulls eye		LEVEL	1/2	FULL		F	F	F													F	F	F	F	F	F	F	F	F
1st Stage Scrubber Liquid Level	LI-7416	LIQID		EMPTY	ANY	E	E	E													E	E	E	E	E	E	E	E	E
2nd Stage Scrubber Liquid Level	LI-7466	LIQID		EMPTY	ANY	E	E	E													E	E	E	E	E	E	E	E	E
Packing Lube Oil Flow Indicator Right Side	FSL-1501A	LIGHT		BLINK		B	B	B													B	B	B	B	B	B	B	B	B
1st Stage Inlet Press.	PI-2100	psig		88	140	82	82	83													82	82	82	82	82	82	82	82	82
Stage Disch. Press	PI-2101	psig		238	285	249	249	248													249	249	248	249	249	249	249	249	249
2nd Stage Inlet Press	PI-2200	psig		267	285	246	246	246													246	245	246	246	246	246	246	246	245
2nd Stage Disch. Press	PI-2201	psig		575	600	565	564	564													564	564	564	564	564	564	564	564	564
Final Discharge Pressure	PI-2108	psig		575	600	560	560	560													559	559	559	559	559	559	559	559	560
Lube Oil Pressure	PI-1572	psig	40	60		58	58	58													57	58	57	57	57	57	57	57	57
Lube Oil Temp	TE-1584	deg		150	170	169	169	169													169	170	170	170	169	169	169	169	169
Final Discharge Temp	TE-2120	deg		110	150	70	72	71													81	78	78	74	74	73	73	73	70
1st Stage Cylinder Disch. Temperature A	TE-2054 A	deg		226	297	196	196	196													204	203	203	199	199	198	198	198	197
2nd Stage Cylinder Disch. Temperature A	TE-2062 A	deg		258	283	198	198	198													209	207	208	205	203	202	202	202	199
1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg		226	297	195	195	195													203	202	202	194	199	198	198	198	196
2nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg		258	283	198	199	199													209	207	208	205	203	202	202	202	200
Motor Frame Vibration	VT-1015	IPS			0.15	.05	.05	.05													.04	.04	.04	.04	.04	.04	.04	.04	.04
Compresser Frame Vibration	VT-1512	IPS			0.35	.06	.06	.06													.05	.05	.05	.05	.05	.05	.05	.05	.06
Take Once per Shift / at Full Load		psig		Max psid		When the differential pressure exceeds Max psid the filter should be changed out. Notify System Engineer																								
Natural Gas Comp.Discharge Press.																													
Double Block and Bleed Pressure	A63FGDT	49-48=psid			8																								
Fuel Gas Supply Pressure	A63FTGST	50-49=psid			20																								

DATE	JAN 07 2021
SIGNATURE	
Mid Shift	
Days Shift	
Notes	TRIP @ 0338

Utilities and Institutional Facilities

Date: 1-8-2021

MST MDT (circle one)

Time Gas introduced (Turbine Rolling):

Time of Turbine Online (Brkr Closed):

Time Turbine Offline (Brkr Open):

Time No Gas Flow:

CGTG HOURLY READING LOG

Notes: PSS NOT Available

	Instrument Air Compressor	I.D	Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Blowdown Dry Receiver Tank Hourly	BVT-013	V				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	Blowdown Wet Receiver Tank Hourly	BVT-007	V				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	Wet Receiver Air Pressure	PI-002	psig	90	105	120	108	110	108	108	107	109	108	110	108	112	106	110	106	112	108	110	112	108	110	109	109	110	108	116
4	Instrument Temperature	TI-001	deg C		20	50	15	14	13	13	13	13	13	13	14	17	18	19	19	20	20	20	19	19	17	16	15	14	14	13
5	Fin Fan Cooler		Units	Low	Norm	Max																								
6	Coolant Pressure	PI-250	psig		25		19	19	19	19	19	19	19	19.1	19.2	19	19.4	19.4	19.2	19.2	19	19.2	19.2	19.2	19	19	19	19	19	19
7	Coolant PLC Temperature	TI-002	deg F	100	110	120	101	103	104	101	100	101	112	97	101	106	101	104	99	103	104	100	98	100	101	102	101	103	99	102
8	Sight glass Level Expansion Tank	LI-001	LEVEL	1/3	2/3	FULL	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
9	Coolant Return Differential from GG	FI-001	In WC		60	80	60	60	60	60	60	60	60	60	60	60	60	60	60	62	60	60	60	60	60	60	60	60	60	60
10	Coolant Return Differential from	FI-002	In WC		37	50	35	35	38	35	35	35	35	35	35	35	35	36	36	36	36	35	35	35	35	35	35	35	35	35
11	Control Room		Units	Low	Norm	Max																								
12	Room Temperature		deg F		72	85	75	75	75	74	74	74	74.5	74.5	73.5	73.5	74.5	74.5	75.0	73.5	73.5	73.5	74.5	74.5	74	74	74	74	74	74
15	WECC Log		Operational?																											
16	Operation of PSS/on at 6.5MW		Yes (Y)			No (N)	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
17	Operation of AVR Voltage Mode @ 13.6 KV		Yes (Y)			No (N)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
	Entronic Control System		Units	Low	Norm	Max																								
	(18–20 found on Air Diagram page)																													
18	2000 gal Oil Water Tank Level	LI-231	%			70%	17	17	17	17	17	17	17	18	18	18	18	17	17	17	17	17	17	17	17	17	17	17	17	17
19	10 gal gas TG Drain Tank (Air Diagram page)	LI-230	%			70%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Record on hard S/D trip over 4500 rpm NL Compressor (on line trip)	A63GGD 5T-01	psig	35	20																									
21	Acknowledge Alarms Hourly		V				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	(22–24 found on Power Management page)																													
22	Generator Current		Amps			1427	1075	1086	1093	1098	1094	1100	1105	1083	1067	1052	1041	1035	1028	1019	1014	1027	1033	1058	1068	1067	1073	1078	1085	1087
23	Mw Output		MW			27	25.6	25.7	25.8	25.8	26.0	26.1	26.2	25.7	25.3	25.0	24.7	24.6	24.4	24.2	24.1	24.3	24.6	25.1	25.3	25.4	25.3	25.5	25.7	25.8
24	80% Base Load Minimum		MW				21.1	21.2	4.2	21.3	21.4	21.6	21.6	21.2	20.9	20.7	20.4	20.2	20.2	20.6	19.9	20.1	20.3	20.7	20.9	20.9	21.0	21.1	21.2	21.4
25	Running Hours (unit overview)						5427	5428	5429	5430	5431	5432	5433	5433	5434	5436	5437	5437	5439	5440	5441	5442	5447	5443	[illegible]	5446	[illegible]	5448	5449	5450
26	Ambient Temperature	T1 inlet					33	31	30	29	28	28	27	31	35	37	40	42	43	45	46	44	41	36	35	34	34	32	31	29
	(27–28 found on Gas Fuel System page)																													
27	Waste Oil Tank	LI-120	%			70%	49	49	48	49	49	49	49	49	49	47	47	47	47	49	48	48	49	49	49	49	49	49	49	49
28	Total Fuel Flow		Mscf/h																											

Date: 1-8-2021 Signature: Day shift – Josh Anno MIDS Bob Stag

CGTG TURBINE

UTILITIES AND INFRASTRUCTURE

Natural Gas Compressor		Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
GAS COMPRESSOR START TIME																													
Combustible Gas Detector	AAH-303	%		0%	20%																								
Packing Lube Oil Flow Indicator Left Side	FSL-1501B	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
Liquid Level Coalescing	LI-7721	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Crankcase Bulls eye	LC-1574	LEVEL	1/4	1/2	FULL	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
Oil Day Tank Level	LI-1562	GAL	10		FULL	49	49	49	49	49	49	49	48	48	48	48	48	48	48	48	47	47	47	47	47	47	46	46	46
Lubricator Bulls eye		LEVEL	1/2	FULL		F	F	F	F	F	F	F	F	F	F	F	E	E	F	E	F	E	F	F	F	E	F	F	F
1st Stage Scrubber Liquid Level	LI-7416	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	F	E	E	E	E	E
2nd Stage Scrubber Liquid Level	LI-7466	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	F	E	E	E	E	E
Packing Lube Oil Flow Indicator Right Side	FSL-1501A	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
1st Stage Inlet Press.	PI-2100	psig		88	140	82	82	82	82	82	82	82	82	92	81	82	82	82	82	82	82	84	82	82	82	82	82	82	82
Stage Disch. Press	PI-2101	psig		238	285	249	249	249	249	249	249	249	248	248	248	249	249	250	251	251	250	250	250	250	249	249	249	249	249
2nd Stage Inlet Press	PI-2200	psig		267	285	245	245	245	245	245	245	245	244	241	244	245	246	246	247	247	246	246	246	245	245	245	245	245	245
2nd Stage Disch. Press	PI-2201	psig		575	600	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564
Final Discharge Pressure	PI-2108	psig		575	600	560	560	560	560	560	560	559	560	559	560	559	560	560	559	560	559	559	560	560	560	560	560	560	560
Lube Oil Pressure	PI-1572	psig	40	60		57	57	57	57	57	58	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57
Lube Oil Temp	TE-1584	deg		150	170	169	169	169	168	168	168	169	169	169	167	170	170	170	170	169	169	169	169	169	169	169	169	169	168
Final Discharge Temp	TE-2120	deg		110	150	70	70	70	70	70	70	70	69	71	74	76	77	79	82	82	80	79	87	94	79	75	72	76	70
1st Stage Cylinder Disch. Temperature A	TE-2054 A	deg		226	297	197	197	197	197	197	197	196	196	196	197	199	200	201	202	201	200	200	199	198	198	197	197	196	196
2nd Stage Cylinder Disch. Temperature A	TE-2062 A	deg		258	283	198	198	198	198	198	197	198	198	197	201	201	206	206	209	209	207	205	204	203	203	201	200	197	198
1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg		226	297	196	196	196	195	195	195	195	195	195	196	198	198	199	200	200	199	198	195	198	198	197	196	195	195
2nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg		258	283	199	199	199	198	198	197	198	195	198	201	203	209	206	209	209	207	205	203	203	203	201	200	198	198
Motor Frame Vibration	VT-1015	IPS			0.15	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05	.05	.05	.05	.05	.05	.04	.04	.04	.04	.04	.04	.04	.04
Compresser Frame Vibration	VT-1512	IPS			0.35	.06	.05	.05	.06	.05	.08	.06	.06	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05
Take Once per Shift / at Full Load		psig		Max psid		When the differential pressure exceeds Max psid the filter should be changed out. Notify System Engineer																							
Natural Gas Comp.Discharge Press.											526							560	555										
Double Block and Bleed Pressure	A63FGDT	49-48=psid			8						555								585										
Fuel Gas Supply Pressure	A63FTGST	50-49=psid			20						541								543										

DATE 1-8-2021

SIGNATURE

Mid Shift Bob Bray

Days Shift

Notes

Utilities and Institutional Facilities

CGTG HOURLY READING LOG

Date: 1-9-2021
MST / MDT (circle one)
Time Gas Introduced (Turbine Rolling):
Time of Turbine Online (Brkr Closed):
Time Turbine Offline (Brkr Open):
Time No Gas Flow:

Notes: PSS unavailable

							1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	Instrument Air Compressor	I.D	Units	Low	Norm	Max																								
1	Blowdown Dry Receiver Tank Hourly	BVT-013	V				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	Blowdown Wet Receiver Tank Hourly	BVT-007	V				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	Wet Receiver Air Pressure	PI-002	psig	90	105	120	109	107	110	109	106	107	106	104	108	110	110	104	108	108	108	114	106	102	109	110	108	110	109	107
4	Instrument Temperature	TI-001	deg C		20	50	13	13	13	13	12	12	12	12	13	14	14	14	15	15	15	14	14	14	13	13	12	12	11	11
5	Fin Fan Cooler		Units	Low	Norm	Max																								
6	Coolant Pressure	PI-250	psig		25		19	19	19	19	19	19	19	19.2	19	19	19.2	19	19	19	19	19	19	19	19	19	19	19	19	19
7	Coolant PLC Temperature	TI-002	deg F	100	110	120	103	100	102	104	102	103	98	111	106	104	96	107	104	112	110	97	104	108	103	106	100	99	108	101
8	Sight glass Level Expansion Tank	LI-001	LEVEL	1/3	2/3	FULL	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
9	Coolant Return Differential from GG	FI-001	In WC		60	80	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
10	Coolant Return Differential from	FI-002	In WC		37	50	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	38	38	35	36
11	Control Room		Units	Low	Norm	Max																								
12	Room Temperature		deg F		72	85	74	74	74	74	74	74	74	74	74	72	71	71	72	74	74	74	74	74	74	74	74	74	74	74
15	WECC Log		Operational?																											
16	Operation of PSS/on at 6.3MW		Yes (Y)			No (N)	N	N	N	N	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N	N	N	N	N	N
17	Operation of AVR Voltage Mode @ 13.6 KV		Yes (Y)			No (N)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
	Entronic Control System		Units	Low	Norm	Max																								
	(18–20 found on Air Diagram page)																													
18	2000 gal Oil Water Tank Level	LI-231	%			70%	17	17	17	17	17	17	18	18	18	18	18	18	17	17	17	17	17	17	17	18	18	18	18	18
19	10 gal gas TG Drain Tank (Air Diagram page)	LI-230	%			70%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Record on hard S/D trip over 4500 rpm NL Compressor (on line trip)	AS8GGD ST-01	psig	35	20				✓																					
21	Acknowledge Alarms Hourly		V				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	(22–24 found on Power Management page)																													
22	Generator Current		Amps			1427	1089	1093	1091	1093	1101	1100	1096	1098	1092	1084	1078	1078	1074	1092	1083	1062	1094	1101	1098	1104	1097	1100	1099	1103
23	Mw Output		MW			27	25.8	25.8	25.9	26.0	26.2	26.1	26.0	26.1	25.9	25.7	25.6	25.6	25.5	25.7	25.7	25.8	25.9	26.0	26.1	26.2	26.0	26.1	26.1	26.2
24	80% Base Load Minimum		MW				21.4	21.4	21.5	21.5	21.7	21.6	21.6	21.6	21.5	21.3	21.2	21.2	21.2	21.3	21.4	21.4	21.5	21.5	21.6	21.7	21.6	21.7	21.7	21.7
25	Running Hours (unit overview)						5451	5452	5453	5454	5455	5456	5456	5457	5458	5459	5460	5461	5462	5463	5464	5465	5466	5467	5468	5469	5470	5471	5472	5473
26	Ambient Temperature	T1 inlet					29	29	28	28	26	26	26	26	28	29	31	30	31	29	29	28	28	27	27	26	27	26	26	26
	(27–28 found on Gas Fuel System page)																													
27	Waste Oil Tank	LI-120	%			70%	49	49	49	49	49	49	49	49	49	49	50	48	49	49	49	49	49	49	50	50	50	50	50	50
28	Total Fuel Flow		Mscf/h																											

Date: 1-9-2021 Signature: M105 Bob Lang Dag Dirkse-Jacobs

CGTG TURBINE

UTILITIES AND INFRASTRUCTURE

Natural Gas Compressor		Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
GAS COMPRESSOR START TIME																													
Combustible Gas Detector	AAH-303	%		0%	20%	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
Packing Lube Oil Flow Indicator Left Side	FSL-1501B	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
Liquid Level Coalescing	LI-7721	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Crankcase Bulls eye	LC-1574	LEVEL	1/4	1/2	FULL	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
Oil Day Tank Level	LI-1562	GAL	10		FULL	46	46	46	46	46	45	45	45	45	45	45	45	45	45	45	45	44	44	44	44	44	44	44	44
Lubricator Bulls eye		LEVEL	1/2	FULL		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
1st Stage Scrubber Liquid Level	LI-7416	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
2nd Stage Scrubber Liquid Level	LI-7466	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Packing Lube Oil Flow Indicator Right Side	FSL-1501A	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
1st Stage Inlet Press.	PI-2100	psig		88	140	82	82	82	80	82	82	82	82	81	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82
Stage Disch. Press	PI-2101	psig		238	285	249	249	248	249	249	249	249	248	248	249	249	248	249	248	249	244	246	248	248	248	248	248	248	248
2nd Stage Inlet Press	PI-2200	psig		267	285	245	245	245	244	244	244	245	244	244	245	245	244	245	244	245	245	245	244	244	244	244	245	244	244
2nd Stage Disch. Press	PI-2201	psig		575	600	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	565	565	565
Final Discharge Pressure	PI-2108	psig		575	600	560	560	560	560	560	560	559	559	559	560	559	560	560	559	559	560	559	559	559	559	559	560	560	559
Lube Oil Pressure	PI-1572	psig	40	60		57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57
Lube Oil Temp	TE-1584	deg		150	170	168	169	168	168	168	168	169	168	168	168	168	168	168	168	169	168	168	168	168	168	168	168	168	168
Final Discharge Temp	TE-2120	deg		110	150	70	70	70	70	70	70	70	69	70	70	70	70	70	70	69	70	69	69	69	69	69	69	69	69
1st Stage Cylinder Disch. Temperature A	TE-2054 A	deg		226	297	196	197	197	196	196	196	195	195	195	194	195	195	195	195	195	195	194	194	194	194	195	194	194	195
2nd Stage Cylinder Disch. Temperature A	TE-2062 A	deg		258	283	198	198	198	198	198	198	198	197	198	197	197	198	197	198	197	197	197	197	192	192	192	192	192	192
1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg		226	297	195	198	195	195	195	196	194	193	193	192	192	193	197	197	193	193	193	193	197	197	197	197	195	195
2nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg		258	283	198	198	198	198	196	198	198	197	198	197	197	197	197	197	197	197	197	197	197	197	197	197	197	197
Motor Frame Vibration	VT-1015	IPS			0.15	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.04	.05	.05	.05
Compresser Frame Vibration	VT-1512	IPS			0.35	.05	.05	.05	.05	.05	.05	.05	.06	.06	.06	.06	.06	.06	.05	.06	.06	.06	.06	.06	.05	.05	.05	.06	.06	.06
Take Once per Shift / at Full Load		psig		Max psid		When the differential pressure exceeds Max psid the filter should be changed out. Notify System Engineer																							
Natural Gas Comp.Discharge Press.													560																
Double Block and Bleed Pressure	A63FGDT	49-48=psid			8								554																
Fuel Gas Supply Pressure	A63FTGST	50-49=psid			20								541																

DATE 1-9-2021

SIGNATURE

Mid Shift Bob

Days Shift John

Notes

Utilities and Institutional Facilities

Date: 1-10-2021

MST / MDT (circle one)

Time Gas Introduced (Turbine Rolling):

Time of Turbine Online (Brkr Closed):

Time Turbine Offline (Brkr Open):

Time No Gas Flow:

CGTG HOURLY READING LOG

Notes: PSS UNAVAILABLE

	Instrument Air Compressor	I.D	Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Blowdown Dry Receiver Tank Hourly	BVT-013	√				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	Blowdown Wet Receiver Tank Hourly	BVT-007	√				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	Wet Receiver Air Pressure	PI-002	psig	90	105	120	109	110	110	107	109	110	110	110	106	108	110	108	112	108	106	106	108	108	110	107	108	110	108	109
4	Instrument Temperature	TI-001	deg C		20	50	11	11	10	10	10	10	9	9	10	12	14	14	14	14	14	12	12	12	11	10	10	9	9	9
5	Fin Fan Cooler		Units	Low	Norm	Max																								
6	Coolant Pressure	PI-250	psig		25		19	19	19	19	19	19	19.2	19	19	19	19.4	19.2	19	19	19.2	19	19	19	19	19	19	19	19	19
7	Coolant PLC Temperature	TI-002	deg F	100	110	120	100	103	99	102	106	99	110	110	111	107	109	105	105	97	96	103	112	109	102	100	98	102	97	104
8	Sight glass Level Expansion Tank	LI-001	LEVEL	1/3	2/3	FULL	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
9	Coolant Return Differential from GG	FI-001	In WC		60	80	60	60	60	60	60	60	60	58	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
10	Coolant Return Differential from	FI-002	In WC		37	50	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
11	Control Room		Units	Low	Norm	Max																								
12	Room Temperature		deg F		72	85	74	74	74	74	74	74	74	73	73	72	72	72	72	72	74	74	74	74	74	74	74	74	74	74
15	WECC Log		Operational?																											
16	Operation of PSS/on at 6.3MW		Yes (Y)			No (N)	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	H	N	H	H	N	N
17	Operation of AVR Voltage Mode @ 13.6 KV		Yes (Y)			No (N)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
	Entronic Control System		Units	Low	Norm	Max																								
	(18–20 found on Air Diagram page)																													
18	2000 gal Oil Water Tank Level	LI-231	%			70%	18	18	18	18	18	18	18	18	18	18	18	18	18	17	17	17	17	17	17	18	18	18	18	18
19	10 gal gas TG Drain Tank (Air Diagram page)	LI-230	%			70%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0
20	Record on hard S/D trip over 4500 rpm NL Compressor (on line trip)	A63GGD ST-01	psig	35	20																									
21	Acknowledge Alarms Hourly		√				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	(22–24 found on Power Management page)																													
22	Generator Current		Amps			1427	1100	1101	1104	1101	1106	1107	1105	1104	1105	1096	1083	1072	1090	1095	1107	1106	1112	1114	1106	1112	1108	NO	1105	1108
23	Mw Output		MW			27	26.1	26.1	26.1	26.2	26.3	26.2	26.1	26.3	26.3	26.0	25.7	25.5	25.9	26.0	26.3	26.3	26.3	26.4	26.2	26.2	26.3	26.2	26.2	26.3
24	80% Base Load Minimum		MW				21.7	21.7	21.7	21.8	21.6	21.8	21.8	21.8	21.7	21.5	21.3	21.0	21.3	21.√	21.6	21.7	21.7	21.8	21.8	21.8	21.8	21.8	21.8	21.8
25	Running Hours (unit overview)						5474	5475	5476	5477	5478	5479	5480	5481	5482	5483	5485	5485	5486	5487	5488	5489	5490	5491	5492	5493	5494	5495	5496	5497
26	Ambient Temperature	T1 Inlet					26	24	22	22	23	23	20	22	25	28	30	32	29	28	26	25	25	25	21	22	22	20	22	22
	(27–28 found on Gas Fuel System page)																													
27	Waste Oil Tank	LI-120	%			70%	50	50	50	50	50	50	50	50	49	48	48	48	48	50	50	50	50	50	50	50	50	50	50	50
28	Total Fuel Flow		Mscf/h																											

Date: 1-10-2021

Signature: MIDSHIFT Bob Aug

day shift - Josh Ace

CGTG TURBINE

UTILITIES AND INFRASTRUCTURE

Natural Gas Compressor		Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
GAS COMPRESSOR START TIME																													
Combustible Gas Detector	AAH-303	%		0%	20%																								
Packing Lube Oil Flow Indicator Left Side	FSL-1501B	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
Liquid Level Coalescing	LI-7721	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Crankcase Bulls eye	LC-1574	LEVEL	1/4	1/2	FULL	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
Oil Day Tank Level	LI-1562	GAL	10		FULL	44	44	44	44	44	44	43	43	43	43	43	43	43	42	42	42	42	42	43	42	42	43	42	43
Lubricator Bulls eye		LEVEL	1/2	FULL		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
1st Stage Scrubber Liquid Level	LI-7416	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
2nd Stage Scrubber Liquid Level	LI-7466	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Packing Lube Oil Flow Indicator Right Side	FSL-1501A	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
1st Stage Inlet Press.	PI-2100	psig		88	140	82	82	82	82	82	82	82	81	81	82	81	81	82	81	81	81	82	82	82	82	82	82	82	82
Stage Disch. Press	PI-2101	psig		238	285	248	249	249	249	249	249	249	248	248	248	247	248	249	248	248	249	248	249	249	249	249	248	249	249
2nd Stage Inlet Press	PI-2200	psig		267	285	247	245	245	245	245	245	245	246	243	243	247	243	245	247	249	245	246	249	245	245	249	246	245	245
2nd Stage Disch. Press	PI-2201	psig		575	600	565	565	568	568	565	565	564	564	564	564	564	564	561	564	564	564	564	564	564	564	564	564	564	564
Final Discharge Pressure	PI-2108	psig		575	600	559	559	560	560	560	560	560	559	560	560	559	559	559	558	559	559	559	559	559	559	559	559	560	560
Lube Oil Pressure	PI-1572	psig	40	60		57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57
Lube Oil Temp	TE-1584	deg		150	170	168	168	168	168	168	168	168	168	168	168	169	169	170	169	169	169	168	168	168	168	168	168	168	168
Final Discharge Temp	TE-2120	deg		110	150	69	69	70	70	70	70	70	70	70	69	70	71	70	69	70	69	70	70	70	70	70	70	70	70
1st Stage Cylinder Disch. Temperature A	TE-2054 A	deg		226	297	193	193	194	194	194	194	193	193	194	194	196	196	195	195	198	194	194	194	194	194	194	194	194	194
2nd Stage Cylinder Disch. Temperature A	TE-2062 A	deg		258	283	194	195	197	196	196	196	197	196	196	196	197	198	199	198	198	198	198	198	196	196	196	196	197	197
1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg		226	297	192	192	193	193	193	193	192	192	193	193	194	194	193	193	193	193	192	192	192	192	192	192	193	193
2nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg		258	283	194	195	197	197	197	197	196	196	196	196	196	197	198	198	198	198	197	197	196	196	197	196	197	197
Motor Frame Vibration	VT-1015	IPS			0.15	.01	.05	.05	.05	.05	.05	.05	.05	.04	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05
Compresser Frame Vibration	VT-1512	IPS			0.35	.06	.06	.06	.06	.06	.06	.06	.06	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05
Take Once per Shift / at Full Load		psig		Max psid		When the differential pressure exceeds Max psid the filter should be changed out. Notify System Engineer																							
Natural Gas Comp.Discharge Press.													560																
Double Block and Bleed Pressure	A63FGDT	49-48=psid			8								555																
Fuel Gas Supply Pressure	A63FTGST	50-49=psid			20								541																

DATE 1-10-2021

SIGNATURE

Mid Shift Bob Hay

Days Shift Josh Cruse

Notes

Utilities and Institutional Facilities

Date: 1-1-2021

CGTG HOURLY READING LOG

(MST) MDT (circle one)

Time Gas Introduced (Turbine Rolling):

Time of Turbine Online (Brkr Closed):

Time Turbine Offline (Brkr Open):

Time No Gas Flow:

Notes: PSS UNAVAILABLE

	Instrument Air Compressor	I.D	Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Blowdown Dry Receiver Tank Hourly	BVT-013	√				√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
2	Blowdown Wet Receiver Tank Hourly	BVT-007	√				√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
3	Wet Receiver Air Pressure	PI-002	psig	90	105	120	110	107	109	110	108	109	106	104	105	110	105	100	105	104	99	101	105	100	108	112	110	108	108	110
4	Instrument Temperature	TI-001	deg C		20	50	9	9	9	8	7	7	7	8	9	9	11	14	16	17	17	17	17	17	16	16	16	16	14	14
5	Fin Fan Cooler		Units	Low	Norm	Max																								
5	Coolant Pressure	PI-250	psig		25		19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
7	Coolant PLC Temperature	TI-002	deg F	100	110	120	100	102	102	107	99	101	108	104	100	98	99	100	112	109	104	109	104	103	100	104	108	101	104	108
8	Sight glass Level Expansion Tank	LI-001	LEVEL	1/3	2/3	FULL	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
9	Coolant Return Differential from GG	FI-001	In WC		60	80	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
10	Coolant Return Differential from	FI-002	In WC		37	50	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
11	Control Room		Units	Low	Norm	Max																								
12	Room Temperature		deg F		72	85	74	74	74	74	74	74	74	74	74	74	74	74	74	76	74	74	74	74	73	73	73	73	74	74
15	WECC Log		Operational?																											
16	Operation of PSS/on at 6.3MW		Yes (Y)			No (N)	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
17	Operation of AVR Voltage Mode @ 13.6 KV		Yes (Y)			No (N)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
	Entronic Control System		Units	Low	Norm	Max																								
	(18–20 found on Air Diagram page)																													
18	2000 gal Oil Water Tank Level	LI-231	%			70%	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
19	10 gal gas TG Drain Tank (Air Diagram page)	LI-230	%			70%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Record on hard S/D trip over 4500 rpm NL Compressor (on line trip)	A63GGD ST-01	psig	35	20																									
21	Acknowledge Alarms Hourly		√				√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
	(22–24 found on Power Management page)																													
22	Generator Current		Amps			1427	1106	1103	1105	1104	1093	1092	1098	1099	1097	1092	1073	1072	1057	1058	458	1072	1072	1071	1038	1100	1058	1102	1108	1106
23	Mw Output		MW			27	26.2	26.1	26.2	26.1	26.0	25.9	26.0	26.0	26.0	26.0	25.8	25.4	25.1	25.1	25.1	25.4	25.4	25.4	25.4	25.5	26.1	26.2	26.2	26.2
24	80% Base Load Minimum		MW				21.8	21.8	21.8	21.8	21.8	21.7	21.8	21.8	21.5	21.5	21.3	21.1	20.8	20.8	20.7	21.0	21.0	21.1	21.0	21.2	21.6	21.6	21.6	21.6
25	Running Hours (unit overview)						5498	5499	5500	5501	5502	5503	5504	5505	5506	5507	5508	5509	5510	5511	5512	5513	5514	5515	5516	5517	5518	5519	5520	5521
26	Ambient Temperature	T1 inlet					20	20	20	19	18	17	18	18	18	20	38	38	36	36	36	33	37	33	32	30	28	26	25	24
	(27–28 found on Gas Fuel System page)																													
27	Waste Oil Tank	LI-120	%			70%																								
28	Total Fuel Flow		Mscf/h				51	51	51	50	50	51	51	51	51	51	51	51	51	51	50	50	50	50	50	50	50	50	50	50

Date: 1-1-2021 Signature: MIOS Bob Ang

CGTG TURBINE UTILITIES AND INFRASTRUCTURE

Natural Gas Compressor		Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
GAS COMPRESSOR START TIME																													
Combustible Gas Detector	AAH-303	%		0%	20%																								
Packing Lube Oil Flow Indicator Left Side	FSL-1501B	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
Liquid Level Coalescing	LI-7721	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Crankcase Bulls eye	LC-1574	LEVEL	1/4	1/2	FULL	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
Oil Day Tank Level	LI-1562	GAL	10		FULL	42	41	41	41	41	41	40	40	40	40	40	40	40	40	40	39	39	39	39	39	38	38	38	38
Lubricator Bulls eye		LEVEL	1/2	FULL		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
1st Stage Scrubber Liquid Level	LI-7416	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
2nd Stage Scrubber Liquid Level	LI-7466	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Packing Lube Oil Flow Indicator Right Side	FSL-1501A	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
1st Stage Inlet Press.	PI-2100	psig		88	140	82	82	82	82	82	82	82	82	82	82	81	82	81	82	81	82	82	82	83	83	83	82	82	82
Stage Disch. Press	PI-2101	psig		238	285	249	249	249	249	250	249	249	249	248	248	247	247	248	248	248	248	248	248	248	248	248	249	249	249
2nd Stage Inlet Press	PI-2200	psig		267	285	245	245	245	245	245	245	245	245	243	243	243	243	244	244	244	244	244	244	245	245	245	245	245	245
2nd Stage Disch. Press	PI-2201	psig		575	600	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564
Final Discharge Pressure	PI-2108	psig		575	600	560	560	560	560	560	560	559	559	559	559	559	559	559	559	559	559	559	559	560	560	560	560	560	560
Lube Oil Pressure	PI-1572	psig	40	60		57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	58	58	58	57	57	57
Lube Oil Temp	TE-1584	deg		150	170	168	168	168	168	168	168	168	169	168	168	169	169	169	169	169	169	169	168	169	169	169	169	169	169
Final Discharge Temp	TE-2120	deg		110	150	70	70	70	70	70	70	70	70	70	70	69	69	72	72	72	71	71	72	72	71	71	70	70	70
1st Stage Cylinder Disch. Temperature A	TE-2054 A	deg		226	297	144	144	148	144	144	144	193	193	194	194	195	195	196	196	195	195	194	193	195	194	194	194	194	194
2nd Stage Cylinder Disch. Temperature A	TE-2062 A	deg		258	283	197	197	197	197	197	197	195	195	196	196	197	197	198	198	199	197	196	196	194	195	195	195	197	197
1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg		226	297	193	195	193	192	195	193	192	192	193	193	193	193	194	194	194	193	190	190	191	192	192	192	193	193
2nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg		258	283	197	197	197	197	197	197	195	195	196	196	196	196	198	198	199	197	196	196	196	198	197	197	197	197
Motor Frame Vibration	VT-1015	IPS			0.15	.05	.04	.05	.05	.04	.05	.05	.05	.05	.05	.05	.05	.05	.05	.04	.04	.04	.04	.04	.05	.05	.03	.05	.05
Compresser Frame Vibration	VT-1512	IPS			0.35	.05	.05	.03	.05	.05	.05	.03	.03	.04	.05	.05	.06	.03	.04	.05	.05	.05	.04	.05	.05	.05	.05	.05	.05
Take Once per Shift / at Full Load		psig		Max psid		When the differential pressure exceeds Max psid the filter should be changed out. Notify System Engineer																							
Natural Gas Comp.Discharge Press.																													
Double Block and Bleed Pressure	A63FGDT	49-48=psid			8																								
Fuel Gas Supply Pressure	A63FTGST	50-49=psid			20																								

DATE 1-11-2021

SIGNATURE

Mid Shift Bob Avery

Days Shift

Notes

Utilities and Institutional Facilities

Date: JAN 12 2021

(MST) / MDT (circle one)

Time Gas Introduced (Turbine Rolling):

Time of Turbine Online (Brkr Closed):

Time Turbine Offline (Brkr Open):

Time No Gas Flow:

CGTG HOURLY READING LOG

Notes: PSS UNAVAILABLE

	Instrument Air Compressor	I.D	Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Blowdown Dry Receiver Tank Hourly	BVT-013	V				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	Blowdown Wet Receiver Tank Hourly	BVT-007	V				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	Wet Receiver Air Pressure	PI-002	psig	90	105	120	108	110	106	108	112	108	100	108	100	114	98	104	100	107	107	98	105	108	112	110	108	106	112	108
4	Instrument Temperature	TI-001	deg C		20	50	14	14	14	14	14	14	13	13	13	15	16	17	18	18	18	18	18	18	16	16	16	14	14	14
5	Fin Fan Cooler		Units	Low	Norm	Max																								
6	Coolant Pressure	PI-250	psig		25		19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
7	Coolant PLC Temperature	TI-002	deg F	100	110	120	104	106	101	104	98	101	106	103	107	100	98	103	104	110	102	104	101	105	104	98	106	100	101	108
8	Sight glass Level Expansion Tank	LI-001	LEVEL	1/3	2/3	FULL	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
9	Coolant Return Differential from GG	FI-001	In WC		60	80	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
10	Coolant Return Differential from	FI-002	In WC		37	50	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
11	Control Room		Units	Low	Norm	Max																								
12	Room Temperature		deg F		72	85	74	74	74	74	74	74	72	72	72	72	72	74	72	72	72	72	72	72	72	74	74	74	74	74
15	WECC Log		Operational?																											
16	Operation of PSS/on at 6.5MW		Yes (Y)			No (N)	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
17	Operation of AVR Voltage Mode @ 13.6 KV		Yes (Y)			No (N)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
	Entronic Control System		Units	Low	Norm	Max																								
	(18–20 found on Air Diagram page)																													
18	2000 gal Oil Water Tank Level	LI-221	%			70%	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	17	17	17	17	17	17	17	17	17
19	10 gal gas TG Drain Tank (Air Diagram page)	LI-230	%			70%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Record on hard S/D trip over 4500 rpm NL Compressor (on line trip)	ASSGGD ST-01	psig	35	20																									
21	Acknowledge Alarms Hourly		V				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	(22–24 found on Power Management page)																													
22	Generator Current		Amps			1427	1100	1105	1108	1106	1108	1107	1102	1114	1107	1083	1061	1060	1052	1045	1044	1044	1065	1071	1102	1101	1100	1112	1115	1111
23	Mw Output		MW			27	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.4	26.1	25.6	25.4	25.2	25.0	24.6	24.7	24.8	25.3	25.5	25.5	26.2	26.2	26.4	26.4	26.4
24	80% Base Load Minimum		MW				21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.4	21.1	20.7	20.7	20.6	20.3	20.3	20.5	20.8	21.0	21.0	21.1	21.1	21.7	21.7	21.7
25	Running Hours (unit overview)						5522	5523	5524	5525	5526	5527	5328	5329	5330	5331	5332	5333	5334	5336	5337	5338	5339	3540	5541	5542	5543	5544	5545	5546
26	Ambient Temperature	T1 Inlet					22	22	21	21	21	20	20.3	25.2	28.4	32.2	35.2	37.0	38.5	41.7	41.5	39.4	35.8	33.6	33	30	28	28	26	26
	(27–28 found on Gas Fuel System page)																													
27	Waste Oil Tank	LI-120	%			70%	51	51	51	51	51	51	51	51	51	51	52	52	52	52	52	52	52	52	52	52	52	52	52	52
28	Total Fuel Flow		Mscf/h																											

Date: JAN 12 2021 Signature:

CGTG TURBINE

UTILITIES AND INFRASTRUCTURE

Natural Gas Compressor		Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
GAS COMPRESSOR START TIME																													
Combustible Gas Detector	AAH-303	%		0%	20%																								
Packing Lube Oil Flow Indicator Left Side	FSL-1501B	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
Liquid Level Coalescing	LI-7721	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Crankcase Bulls eye	LC-1574	LEVEL	1/4	1/2	FULL	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
Oil Day Tank Level	LI-1562	GAL	10		FULL	37	37	37	37	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	35	35	35	37
Lubricator Bulls eye		LEVEL	1/2	FULL		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
1st Stage Scrubber Liquid Level	LI-7416	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
2nd Stage Scrubber Liquid Level	LI-7466	LIQID		EMPTY	ANY	E	E	E	E	E	E	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	E	E	E	E	E	E
Packing Lube Oil Flow Indicator Right Side	FSL-1501A	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
1st Stage Inlet Press.	PI-2100	psig		88	140	82	82	83	82	82	82	82	82	82	81	82	81	81	81	82	82	82	82	82	82	82	82	82	82
Stage Disch. Press	PI-2101	psig		238	285	249	250	250	249	249	249	249	249	249	247	247	248	248	248	250	249	250	250	249	249	249	250	250	250
2nd Stage Inlet Press	PI-2200	psig		267	285	245	245	245	245	245	245	245	245	242	243	243	244	244	244	246	245	246	246	245	245	245	245	245	245
2nd Stage Disch. Press	PI-2201	psig		575	600	564	564	564	564	564	564	563	564	564	564	564	564	564	564	564	564	564	564	565	565	565	565	565	565
Final Discharge Pressure	PI-2108	psig		575	600	560	560	560	560	560	560	560	560	560	560	560	559	559	559	559	561	559	559	560	560	560	560	560	560
Lube Oil Pressure	PI-1572	psig	40	60		57	57	56	56	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57
Lube Oil Temp	TE-1584	deg		150	170	169	169	169	169	169	169	169	168	168	168	168	170	170	170	170	170	170	170	169	169	169	169	169	169
Final Discharge Temp	TE-2120	deg		110	150	70	70	70	70	70	70	70	70	70	69	70	74	74	70	76	75	73	73	70	72	72	72	70	70
1st Stage Cylinder Disch. Temperature A	TE-2054 A	deg		226	297	194	195	195	194	194	194	194	194	194	195	196	197	197	196	197	197	196	195	195	195	195	195	195	195
2nd Stage Cylinder Disch. Temperature A	TE-2062 A	deg		258	283	197	197	196	196	196	196	196	197	197	197	195	203	203	203	203	203	200	201	197	197	197	197	197	197
1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg		226	297	193	194	194	194	193	193	193	192	192	194	195	196	196	196	196	195	195	195	193	193	193	193	193	193
2nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg		258	283	197	197	197	198	197	197	197	197	197	197	196	203	203	204	203	203	200	201	197	197	197	197	197	197
Motor Frame Vibration	VT-1015	IPS			0.15	.05	.05	.05	.05	.05	.05	04	04	04	04	04	04	04	04	04	04	04	04	.05	.05	.05	.05	.05	.05
Compresser Frame Vibration	VT-1512	IPS			0.35	.05	.05	.05	.05	.05	.05	05	05	05	05	05	05	05	05	05	05	05	05	.05	.05	.05	.05	.05	.05
Take Once per Shift / at Full Load		psig		Max psid		When the differential pressure exceeds Max psid the filter should be changed out. Notify System Engineer																							
Natural Gas Comp.Discharge Press.																													
Double Block and Bleed Pressure	A63FGDT	49-48=psid			8																								
Fuel Gas Supply Pressure	A63FTGST	50-49=psid			20																								

DATE JAN 12 2021

SIGNATURE

Mid Shift

Days Shift

Notes

Utilities and Institutional Facilities

Date: JAN 13 2021

1084949

(MST) / MDT (circle one)

CGTG HOURLY READING LOG

Time Gas Introduced (Turbine Rolling):

Time of Turbine Online (Brkr Closed):

Time Turbine Offline (Brkr Open):

Time No Gas Flow:

Notes: PSS UNAVAILABLE

	Instrument Air Compressor	I.D	Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Blowdown Dry Receiver Tank Hourly	BVT-013	√				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	Blowdown Wet Receiver Tank Hourly	BVT-007	√				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	Wet Receiver Air Pressure	PI-002	psig	90	105	120	108	104	108	110	106	112	110	101	110	99	99	105	109	107	103	101	100	101	108	112	100	110	108	110
4	Instrument Temperature	TI-001	deg C		20	50	14	14	14	14	14	14	14	14	16	17	17	17	17	17	18	18	18	18	16	16	16	14	14	19
5	Fin Fan Cooler		Units	Low	Norm	Max																								
6	Coolant Pressure	PI-250	psig		25		19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
7	Coolant PLC Temperature	TI-002	deg F	100	110	120	101	98	104	106	100	98	101	102	110	109	100	106	110	109	106	106	104	103	101	98	106	100	102	100
8	Sight glass Level Expansion Tank	LI-001	LEVEL	1/3	2/3	FULL	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½
9	Coolant Return Differential from GG	PI-001	in WC		60	80	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
10	Coolant Return Differential from	PI-002	in WC		37	50	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
11	Control Room		Units	Low	Norm	Max																								
12	Room Temperature		deg F		72	85	74	74	74	74	74	74	70	70	76	70	70	70	70	70	70	70	70	70	70	70	73	73	73	73
15	WECC Log		Operational?																											
16	Operation of PSS/on at 6.5MW		Yes (Y)			No (N)	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
17	Operation of AVR Voltage Mode @ 13.6 KV		Yes (Y)			No (N)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
	Entronic Control System		Units	Low	Norm	Max																								
	(18–20 found on Air Diagram page)																													
18	2000 gal Oil Water Tank Level	LI-221	%			70%	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
19	10 gal gas TG Drain Tank (Air Diagram page)	LI-230	%			70%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Record on hard S/D trip over 4500 rpm NL Compressor (on line trip)	ASBGGD ST-01	psig	35	20																									
21	Acknowledge Alarms Hourly		√				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓						
	(22–24 found on Power Management page)																								✓	✓	✓	✓	✓	✓
22	Generator Current		Amps			1427	1109	1107	1110	1112	1110	1112	1107	1085	1088	1058	1043	1014	1022	1001	998	1027	1032	1033	1036	1035	1032	1030	1033	1031
23	Mw Output		MW			27	26.3	26.3	26.3	26.4	26.4	26.3	26.2	25.3	25.7	25.1	24.8	24.2	24.2	23.7	23.7	24.2	24.5	24.6	24.6	24.6	24.6	24.6	24.6	24.6
24	80% Base Load Minimum		MW				21.6	21.6	21.6	21.8	21.7	21.7	21.5	21.3	21.2	20.6	20.4	20.2	20.0	19.7	19.7	20.1	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
25	Running Hours (unit overview)						5546	5547	5548	5549	5550	5551	5555	5553	5554	5555	5556	5557	5558	5559	5560	5561	5562	5563	5564	5565	5566	5567	5568	5569
26	Ambient Temperature	T1 Inlet					26	27	27	26	26	26	27.5	29.5	32.0	37.6	46.3	45.3	45.3	49.5	49.8	44.4	42.8	42.4	40	40	38	38	38	37
	(27–28 found on Gas Fuel System page)																													
27	Waste Oil Tank	LI-120	%			70%	51	51	51	51	51	51	51	51	50	50	49	50	50	50	50	50	50	50	50	50	50	50	50	50
28	Total Fuel Flow		Mscf/h																											

Date: JAN 13 2021 Signature:

CGTG TURBINE

UTILITIES AND INFRASTRUCTURE

Natural Gas Compressor		Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
GAS COMPRESSOR START TIME																													
Combustible Gas Detector	AAH-303	%		0%	20%																								
Packing Lube Oil Flow Indicator Left Side	FSL-1501B	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	D	B	B	B	D	B	B	B	B	B	B	B	B	B
Liquid Level Coalescing	LI-7721	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Crankcase Bulls eye	LC-1574	LEVEL	1/4	1/2	FULL	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½
Oil Day Tank Level	LI-1562	GAL	10		FULL	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
Lubricator Bulls eye		LEVEL	1/2	FULL		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
1st Stage Scrubber Liquid Level	LI-7416	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
2nd Stage Scrubber Liquid Level	LI-7466	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Packing Lube Oil Flow Indicator Right Side	FSL-1501A	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
1st Stage Inlet Press.	PI-2100	psig		88	140	82	82	82	82	82	83	82	82	82	82	82	82	82	82	82	82	82	82	82	83	83	83	83	83
Stage Disch. Press	PI-2101	psig		238	285	249	249	249	249	250	250	249	249	248	249	249	249	249	252	252	251	252	251	250	250	250	250	250	250
2nd Stage Inlet Press	PI-2200	psig		267	285	245	245	245	245	244	244	248	248	244	245	245	245	248	248	248	248	248	248	245	248	246	246	246	246
2nd Stage Disch. Press	PI-2201	psig		575	600	565	565	565	565	565	565	564	564	564	564	564	564	564	564	564	564	564	564	564	564	565	565	565	565
Final Discharge Pressure	PI-2108	psig		575	600	560	560	560	560	560	560	559	559	559	559	559	559	559	560	559	558	559	559	560	560	560	560	560	560
Lube Oil Pressure	PI-1572	psig	40	60		57	57	57	57	58	58	57	57	57	57	57	57	57	58	58	58	57	57	57	57	58	58	58	58
Lube Oil Temp	TE-1584	deg		150	170	169	169	169	169	169	169	169	169	169	169	169	169	169	168	168	166	168	168	168	168	169	169	169	169
Final Discharge Temp	TE-2120	deg		110	150	70	70	70	70	70	70	70	70	69	75	75	75	75	85	85	85	80	80	80	80	78	78	78	76
1st Stage Cylinder Disch. Temperature A	TE-2054 A	deg		226	297	195	195	195	195	195	195	195	195	195	198	198	198	198	201	201	201	199	199	199	199	198	198	198	198
2nd Stage Cylinder Disch. Temperature A	TE-2062 A	deg		258	283	197	197	197	198	198	197	197	197	197	202	202	202	202	210	209	209	200	200	202	202	199	199	199	197
1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg		226	297	193	193	193	193	193	193	193	193	193	196	196	196	196	209	199	199	198	198	198	198	198	198	198	198
2nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg		258	283	197	197	197	197	197	197	197	198	197	202	202	202	202	211	210	210	206	206	208	208	198	197	197	197
Motor Frame Vibration	VT-1015	IPS			0.15	.05	.05	.05	.05	.05	.05	04	04	04	04	04	04	04	04	04	04	04	05	.05	.05	.05	.05	.05	.05
Compresser Frame Vibration	VT-1512	IPS			0.35	.05	.05	.05	.05	.05	.05	05	04	05	04	04	05	04	04	04	04	04	05	.05	.05	.05	.05	.06	.05
Take Once per Shift / at Full Load		psig		Max psid		When the differential pressure exceeds Max psid the filter should be changed out. Notify System Engineer																							
Natural Gas Comp.Discharge Press.																													
Double Block and Bleed Pressure	A63FGDT	49-48=psid			8																								
Fuel Gas Supply Pressure	A63FTGST	50-49=psid			20																								

DATE	JAN 13 2021
SIGNATURE	
Mid Shift	
Days Shift	

Notes

Utilities and Institutional Facilities

CGTG HOURLY READING LOG

Date: JAN 14 2021

MST / MDT (circle one)

Time Gas Introduced (Turbine Rolling):

Time of Turbine Online (Brkr Closed):

Time Turbine Offline (Brkr Open):

Time No Gas Flow:

Notes: PSS UNAVAILABLE 1349

	Instrument Air Compressor	I.D	Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Blowdown Dry Receiver Tank Hourly	BVT-012	√				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	Blowdown Wet Receiver Tank Hourly	BVT-007	√				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	Wet Receiver Air Pressure	PI-002	psig	93	105	120	110	108	112	106	108	112	98	108	102	106	160	105	106	T	100	163	105	100	106	110	102	110	112	101
4	Instrument Temperature	TI-001	deg C		20	50	14	14	14	14	14	14	16	17	18	18	18	18	17	I	18	18	19	19	18	18	16	16	16	16
5	Fin Fan Cooler		Units	Low	Norm	Max														P										
6	Coolant Pressure	PI-250	psig		25		19	19	19	19	19	19	19	19	19	19	19	19	19	R	19	19	19	19	19	19	19	19	19	19
7	Coolant PLC Temperature	TI-002	deg F	100	110	120	106	102	106	101	108	106	97	100	111	103	111	101	108	E	100	104	106	105	100	102	106	104	106	108
8	Sight glass Level Expansion Tank	LI-001	LEVEL	1/3	2/3	FULL	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	S	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
9	Coolant Return Differential from GG	FI-001	in WC		60	80	60	60	60	60	60	60	60	60	60	60	60	60	60	U	60	60	60	60	60	60	60	60	60	60
10	Coolant Return Differential from	FI-002	in WC		37	50	35	35	35	35	35	35	35	35	35	35	35	35	35	P	35	35	35	35	35	35	35	35	35	35
11	Control Room		Units	Low	Norm	Max														L										
12	Room Temperature		deg F		72	85	74	74	74	74	74	74	74	74	74	74	74	74	74	U	74	74	74	74	74	74	74	74	74	74
15	WECC Log		Operational?																	B										
16	Operation of PSS/on at 6.5MW		Yes (Y)			No (N)	N	N	N	N	N	N	N	N	N	N	N	N	N	E	N	N	N	N	N	N	N	N	N	N
17	Operation of AVR Voltage Mode @ 13.6 KV		Yes (Y)			No (N)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
	Entronic Control System		Units	Low	Norm	Max														C										
	(18–20 found on Air Diagram page)																			O										
18	2000 gal Oil Water Tank Level	LI-231	%			70%	17	17	17	17	17	17	17	18	18	17	18	18	18	N	18	18	18	18	17	17	17	17	17	17
19	10 gal gas TG Drain Tank (Air Diagram page)	LI-230	%			70%	0	0	0	0	0	0	0	0	0	0	0	0	0	T	0	0	0	0	0	0	0	6	0	0
20	Record on hard S/D trip over 4500 rpm NL Compressor (on line trip)	ASB/GSD ST-01	psig	35	20															S										
21	Acknowledge Alarms Hourly		√				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	T	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	(22–24 found on Power Management page)																			A		1020								
22	Generator Current		Amps			1427	1093	1089	1093	1088			1094	1042	1064	1037	1030	1005	1057	T	1063	1038	1042	1048	1069	1074	1076	1079	1075	1078
23	Mw Output		MW			27	25.9	25.9	25.9	25.9	25.9	25.9	25.9	24.7	25.1	24.5	24.4	23.8	23.8	M	23.6	24.1	24.6	24.8	25.3	25.3	25.4	25.4	25.4	25.4
24	80% Base Load Minimum		MW				21.4	21.4	21.4	21.4	21.4	21.4	21.4	20.4	20.7	20.3	20.2	19.8	19.8	F	19.8	20.0	20.3	20.4	20.9	20.9	21.0	21.0	21.0	21.0
25	Running Hours (unit overview)						5571	5572	5573	5574	5575	5576	5577	5578	5579	5580	5581	5582	5583		5584	5584	5585	5586	5587	5588	5589	5590	5591	5592
26	Ambient Temperature	T1 Inlet					29	29	29	29	28	28	28.9	40.8	37.2	41.9	43.2	47.8	47.7		47.7	45.5	41.5	41.0	35	35	34	34	33	33
	(27–28 found on Gas Fuel System page)																													
27	Waste Oil Tank	LI-120	%			70%	55	55	55	55	55	55	54	54	54	54	54	54	54		54	54	54	54	54	54	54	54	54	54
28	Total Fuel Flow		Mscf/h																											

Date: JAN 14 2021 Signature:

CGTG TURBINE

UTILITIES AND INFRASTRUCTURE

Natural Gas Compressor		Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
GAS COMPRESSOR START TIME																													
Combustible Gas Detector	AAH-303	%		0%	20%																								
Packing Lube Oil Flow Indicator Left Side	FSL-1501B	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B	B			B	B	B	B	B	B	B	B	B	B
Liquid Level Coalescing	LI-7721	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E			E	E	E	E	E	E	E	E	E	E
Crankcase Bulls eye	LC-1574	LEVEL	1/4	1/2	FULL	½	½	½	½	½	½	½	½	½	½	½	½	T		½	½	½	½	½	½	½	½	½	½
Oil Day Tank Level	LI-1562	GAL	10		FULL	35	35	35	35	35	35	32	32	32	32	33	32	R		32	32	31	31	31	31	31	31	30	30
Lubricator Bulls eye		LEVEL	1/2	FULL		F	F	F	F	F	F	F	F	F	F	F	F	I		F	F	F	F	F	F	F	F	F	F
1st Stage Scrubber Liquid Level	LI-7416	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	P		E	E	E	E	E	E	E	E	E	E
2nd Stage Scrubber Liquid Level	LI-7466	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	P		E	E	E	E	E	E	E	E	E	E
Packing Lube Oil Flow Indicator Right Side	FSL-1501A	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B	B	F		B	B	B	B	B	B	B	B	B	B
1st Stage Inlet Press.	PI-2100	psig		88	140	83	83	83	83	83	83	82	82	82	82	82	82	1		82	82	82	82	82	82	83	83	83	83
Stage Disch. Press	PI-2101	psig		238	285	250	250	250	250	249	249	249	250	250	250	251	252			250	251	250	250	249	249	249	250	250	249
2nd Stage Inlet Press	PI-2200	psig		267	285	246	245	245	245	246	246	248	246	246	249	247	248			246	247	246	245	245	246	246	245	245	245
2nd Stage Disch. Press	PI-2201	psig		575	600	565	565	565	565	565	565	564	564	560	560	564	564			564	564	564	564	565	565	564	564	564	565
Final Discharge Pressure	PI-2108	psig		575	600	565	560	560	560	560	560	559	559	559	559	559	560			559	560	559	559	560	560	560	560	560	560
Lube Oil Pressure	PI-1572	psig	40	60		58	58	58	58	58	58	57	57	57	57	57	58			58	57	57	57	57	57	58	58	58	58
Lube Oil Temp	TE-1584	deg		150	170	168	169	169	169	169	169	169	168	169	169	169	169			118	169	169	169	169	169	169	168	168	168
Final Discharge Temp	TE-2120	deg		110	150	69	70	70	70	70	70	70	72	72	71	79	83			82	80	77	77	72	72	72	70	70	72
1st Stage Cylinder Disch. Temperature A	TE-2054 A	deg		226	297	198	196	196	196	197	197	194	195	195	195	199	201			204	200	199	199	195	195	197	197	197	195
2nd Stage Cylinder Disch. Temperature A	TE-2062 A	deg		258	283	196	198	197	197	198	198	197	198	118	198	206	209			209	207	204	204	200	200	199	199	199	195
1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg		226	297	198	194	194	194	195	195	192	194	114	194	197	200			202	199	197	197	197	197	197	198	198	197
2nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg		258	283	198	198	199	199	198	198	196	198	114	196	204	209			207	207	204	204	200	200	198	198	198	197
Motor Frame Vibration	VT-1015	IPS			0.15	.05	.04	.05	.05	.05	.05	05	05	05	03	05	05			04	05	04	04	.04	.04	.04	.04	.04	.04
Compresser Frame Vibration	VT-1512	IPS			0.35	.06	.05	.06	.06	.06	.06	06	05	04	04	03	04			06	05	05	04	.05	.05	.06	.05	.06	.06
Take Once per Shift / at Full Load		psig		Max psid		When the differential pressure exceeds Max psid the filter should be changed out. Notify System Engineer																							
Natural Gas Comp.Discharge Press.																													
Double Block and Bleed Pressure	A63FGDT	49-48=psid			8																								
Fuel Gas Supply Pressure	A63FTGST	50-49=psid			20																								

DATE	JAN 14 2021
SIGNATURE	
Mid Shift	
Days Shift	

Notes

Utilities and Institutional Facilities

Date: JAN 15 2021

(MST) / MDT (circle one)

Time Gas Introduced (Turbine Rolling): 1451

Time of Turbine Online (Brkr Closed): 1522

Time Turbine Offline (Brkr Open): 0957

Time No Gas Flow: 0957

Notes: PSS UNAVAILABLE
DEMISTER TURNED OFF @ MCC 2

CGTG HOURLY READING LOG

	Instrument Air Compressor	I.D	Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Blowdown Dry Receiver Tank Hourly	BVT-013	√				√	√	√	√	√	√	√	√	√							√	√	√	√	√	√	√	√	√
2	Blowdown Wet Receiver Tank Hourly	BVT-007	√				√	√	√	√	√	√	√	√	√							√	√	√	√	√	√	√	√	√
3	Wet Receiver Air Pressure	PI-002	psig	90	105	120	104	112	108	110	110	108	108	112	106							110	106	108	108	110	108	101	110	108
4	Instrument Temperature	TI-001	deg C		20	50	14	14	14	12	12	12	10	11	14							20	19	17	16	16	16	14	14	14
5	Fin Fan Cooler		Units	Low	Norm	Max																								
6	Coolant Pressure	PI-250	psig		25		19	19	19	19	19	19	19	19.2	19.2							19.2	19	19	19	19	19	19	19	19
7	Coolant PLC Temperature	TI-002	deg F	100	110	120	99	102	98	104	106	100	106	99	109							112	107	110	100	106	112	107	112	110
8	Sight glass Level Expansion Tank	LI-001	LEVEL	1/3	2/3	FULL	½	½	½	½	½	½	½	½	½							½	½	½	½	½	½	½	½	½
9	Coolant Return Differential from GG	FI-001	In WC		60	80	60	60	60	60	60	60	60	60	60							60	60	60	60	60	60	60	60	60
10	Coolant Return Differential from	FI-002	In WC		37	50	35	35	35	35	35	35	35	35	35							35	35	35	36	35	35	35	35	35
11	Control Room		Units	Low	Norm	Max																								
12	Room Temperature		deg F		72	85	74	74	74	74	74	74	74	74	72							72	71	72	74	74	74	74	74	74
15	WECC Log		Operational?																											
16	Operation of PSS/on at 6.5MW		Yes (Y)			No (N)	N	N	N	N	N	N	N	N	N							N	N	N	N	N	N	N	N	N
17	Operation of AVR Voltage Mode @ 13.6 KV		Yes (Y)			No (N)	Y	Y	Y	Y	Y	Y	Y	Y	Y							Y	Y	Y	Y	Y	Y	Y	Y	Y
	Entronic Control System		Units	Low	Norm	Max																								
	(18–20 found on Air Diagram page)																													
18	2000 gal Oil Water Tank Level	LI-231	%			70%	17	17	17	17	17	17	18	18	19							17	17	17	17	17	17	17	17	17
19	10 gal gas TG Drain Tank (Air Diagram page)	LI-230	%			70%	0	0	0	0	0	0	0	0	0							0	0	0	0	0	0	0	0	0
20	Record on hard S/D trip over 4500 rpm NL Compressor (on line trip)	AS9GGD 5T-01	psig	35	20																									
21	Acknowledge Alarms Hourly		√				√	√	√	√	√	√	√	√	√							√	√	√	√	√	√	√	√	√
	(22–24 found on Power Management page)																													
22	Generator Current		Amps			1427	1108	1107	1110	1115	1111	1118	1116	1096	1082							1020	1042	1064	1076	1078	1066	1118	1107	1111
23	Mw Output		MW			27	26.1	26.1	26.1	26.3	26.3	26.3	26.3	25.9	25.6							24.1	24.6	25.1	25.4	25.6	25.4	25.4	25.4	25.6
24	80% Base Load Minimum		MW				21.5	21.5	21.5	21.8	21.8	21.8	21.8	21.4	21.1							20.0	20.3	20.7	20.9	20.9	20.9	20.9	20.9	21.1
25	Running Hours (unit overview)						5593	5594	5595	5596	5597	5598	5599	5600	5601							5603	5604	5605	5606	5607	5608	5609	5610	5611
26	Ambient Temperature	T1 inlet					27	27	25	25	25	24	24	29	32							45	41	37	34	34	33	33	32	32
	(27–28 found on Gas Fuel System page)																													
27	Waste Oil Tank	LI-120	%			70%	54	54	54	54	54		55	54	54							53	53	54	54	54	54	54	54	54
28	Total Fuel Flow		Mscf/h																											

Date: JAN 15 2021 Signature: [signature] day shift – [signature]

CGTG TURBINE

UTILITIES AND INFRASTRUCTURE

Natural Gas Compressor		Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
GAS COMPRESSOR START TIME	1436																												
Combustible Gas Detector	AAH-303	%		0%	20%																								
Packing Lube Oil Flow Indicator Left Side	FSL-1501B	LIGHT		BLINK		B	B	B	B	B	B	B	B	B							B	B	B	B	B	B	B	B	B
Liquid Level Coalescing	LI-7721	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E							E	E	E	E	E	E	E	E	E
Crankcase Bulls eye	LC-1574	LEVEL	1/4	1/2	FULL	½	½	½	½	½	½	½	½	½							½	½	½	½	½	½	½	½	½
Oil Day Tank Level	LI-1562	GAL	10		FULL	30	30	30	30	30	30	30	30	30							30	30	30	30	30	30	30	30	30
Lubricator Bulls eye		LEVEL	1/2	FULL		F	F	F	F	F	F	F	F	F							F	F	F	F	F	F	F	F	F
1st Stage Scrubber Liquid Level	LI-7416	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E							E	E	E	E	E	E	E	E	E
2nd Stage Scrubber Liquid Level	LI-7466	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E							E	E	E	E	E	E	E	E	E
Packing Lube Oil Flow Indicator Right Side	FSL-1501A	LIGHT		BLINK		B	B	B	B	B	B	B	B	B							B	B	B	B	B	B	B	B	B
1st Stage Inlet Press.	PI-2100	psig		88	140	83	82	82	82	83	83	81	81	81							82	82	82	82	82	83	83	83	83
Stage Disch. Press	PI-2101	psig		238	285	249	249	249	249	249	249	248	249	248							250	251	249	249	250	250	250	252	252
2nd Stage Inlet Press	PI-2200	psig		267	285	246	245	245	246	246	245	244	245	244							246	247	246	246	246	246	247	246	246
2nd Stage Disch. Press	PI-2201	psig		575	600	565	564	564	565	565	563	564	564	564							564	564	564	564	564	564	565	565	565
Final Discharge Pressure	PI-2108	psig		575	600	560	560	560	560	560	560	559	559	559							559	559	559	559	560	560	560	560	560
Lube Oil Pressure	PI-1572	psig	40	60		58	57	57	58	58	57	57	57	57							59	57	57	57	58	58	58	57	57
Lube Oil Temp	TE-1584	deg		150	170	168	169	169	168	168	169	169	169	168							167	167	167	169	169	169	169	170	170
Final Discharge Temp	TE-2120	deg		110	150	70	70	70	70	70	70	69	70	70							79	78	76	70	70	70	72	72	70
1st Stage Cylinder Disch. Temperature A	TE-2054 A	deg		226	297	195	195	195	195	195	195	194	194	195							201	199	197	196	196	196	198	198	197
2nd Stage Cylinder Disch. Temperature A	TE-2062 A	deg		258	283	197	197	197	198	198	197	196	197	198							207	205	201	199	196	198	196	196	196
1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg		226	297	194	193	193	193	194	194	193	192	193							200	198	197	195	198	198	199	199	199
2nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg		258	283	197	197	198	198	197	197	197	197	198							207	205	204	199	198	199	198	198	197
Motor Frame Vibration	VT-1015	IPS			0.15	.04	.05	.05	.05	.05	.05	.05	.05	.05							.05	.04	.05	.04	.05	.05	.05	.05	.05
Compresser Frame Vibration	VT-1512	IPS			0.35	.05	.04	.05	.05	.05	.05	.05	.05	.06							.05	.05	.05	.05	.05	.05	.05	.05	.05
Take Once per Shift / at Full Load		psig		Max psid		When the differential pressure exceeds Max psid the filter should be changed out. Notify System Engineer																							
Natural Gas Comp.Discharge Press.													559																
Double Block and Bleed Pressure	A63FGDT	49-48=psid			8								555																
Fuel Gas Supply Pressure	A63FTGST	50-49=psid			20								544																

DATE	JAN 15 2021
SIGNATURE	
Mid Shift	
Days Shift	

Notes

Utilities and Institutional Facilities

CGTG HOURLY READING LOG

Date: 1-16-2021

MST / MDT (circle one)

Time Gas Introduced (Turbine Rolling):

Time of Turbine Online (Brkr Closed):

Time Turbine Offline (Brkr Open):

Time No Gas Flow:

Notes: PSS UNAVAILABLE
DEMISTER OFF

	Instrument Air Compressor	I.D	Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Blowdown Dry Receiver Tank Hourly	BVT-013	√				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	Blowdown Wet Receiver Tank Hourly	BVT-007	√				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	Wet Receiver Air Pressure	PI-002	psig	90	105	120	110	102	101	108	110	102	114	112	110	106	108	106	106	108	108	112	108	110	108	118	106	110	108	109
4	Instrument Temperature	TI-001	deg C		20	50	14	14	14	14	14	14	12	13	15	17	18	20	20	21	21	21	19	18	17	17	17	17	17	16
5	Fin Fan Cooler		Units	Low	Norm	Max																								
6	Coolant Pressure	PI-250	psig		25		19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
7	Coolant PLC Temperature	TI-002	deg F	100	110	120	102	99	101	98	104	106	98	105	106	98	104	111	98	107	106	111	112	108	102	108	103	102	104	106
8	Sight glass Level Expansion Tank	LI-001	LEVEL	1/3	2/3	FULL	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½
9	Coolant Return Differential from GG	FI-001	In WC		60	80	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
10	Coolant Return Differential from	FI-002	In WC		37	50	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
11	Control Room		Units	Low	Norm	Max																								
12	Room Temperature		deg F		72	85	74	74	74	74	74	74	74	74	73	73	73	74	74	73	73	74	74	74	74	74	74	74	76	76
15	WECC Log		Operational?				N	N	N	N	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	M	M	M	M	M	M
16	Operation of PSS/on at 6.5MW		Yes (Y)			No (N)	Y	Y	Y	Y	Y	Y	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
17	Operation of AVR Voltage Mode @ 13.6 KV		Yes (Y)			No (N)																								
	Entronic Control System		Units	Low	Norm	Max																								
	(18–20 found on Air Diagram page)																													
18	2000 gal Oil Water Tank Level	LI-231	%			70%	18	18	18	18	18	18	18	18	18	18	18	17	17	17	17	17	17	17	17	17	17	17	17	17
19	10 gal gas TG Drain Tank (Air Diagram page)	LI-230	%			70%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Record on hard S/D trip over 4500 rpm NL Compressor (on line trip)	ASBGGD ST-01	psig	35	20																									
21	Acknowledge Alarms Hourly		√				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	(22–24 found on Power Management page)																													
22	Generator Current		Amps			1427	1086	1089	1090	1095	1094	1094	1102	1085	1067	1061	1034	1023	999	998	1007	1011	1037	1042	1045	1048	1050	1060	1062	1069
23	Mw Output		MW			27	25.7	25.7	25.7	25.7	29.8	25.8	26.0	25.6	25.2	25.0	24.4	24.1	23.7	23.6	23.7	23.8	24.4	24.5	24.7	24.7	24.8	24.8	25.1	25.3
24	80% Base Load Minimum		MW				21.2	21.2	21.2	21.2	21.3	21.3	21.6	21.2	20.8	20.7	20.2	20.0	19.8	19.7	19.8	19.9	20.2	20.3	20.3	20.4	20.7	20.4	20.6	20.8
25	Running Hours (unit overview)						5613	5614	5615	5616	5617	5618	5618	5619	5620	5621	5622	5623	5624	5625	5626	5627	5628	5629	5630	5631	5632	5633	5634	5635
26	Ambient Temperature	T1 inlet					31	31	31	31	30	30	27	30	35	36	42	45	47	49	48	47	43	41	41	40	40	46	37	35
	(27–28 found on Gas Fuel System page)																													
27	Waste Oil Tank	LI-120	%			70%	54	54	54	54	54	54	54	54	53	52	52	52	52	52	53	53	54	54	54	54	54	54	54	54
28	Total Fuel Flow		Mscf/h																											

Date: 1-16-2021 Signature:

CGTG TURBINE

UTILITIES AND INFRASTRUCTURE

Natural Gas Compressor		Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
GAS COMPRESSOR START TIME																													
Combustible Gas Detector	AAH-303	%		0%	20%																								
Packing Lube Oil Flow Indicator Left Side	FSL-1501B	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
Liquid Level Coalescing	LI-7721	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	F	E	E	E	F	E
Crankcase Bulls eye	LC-1574	LEVEL	1/4	1/2	FULL	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½
Oil Day Tank Level	LI-1562	GAL	10		FULL	29	29	29	29	29	29	29	29	29	29	29	28	28	28	28	27	27	27	27	27	27	26	26	26
Lubricator Bulls eye		LEVEL	1/2	FULL		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
1st Stage Scrubber Liquid Level	LI-7416	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
2nd Stage Scrubber Liquid Level	LI-7466	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	5%	5%
Packing Lube Oil Flow Indicator Right Side	FSL-1501A	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
1st Stage Inlet Press.	PI-2100	psig		88	140	83	83	82	82	83	83	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82
Stage Disch. Press	PI-2101	psig		238	285	249	249	250	250	250	248	249	249	249	249	249	250	251	252	251	251	252	251	251	251	251	251	250	250
2nd Stage Inlet Press	PI-2200	psig		267	285	245	246	245	245	242	245	245	248	245	246	245	247	247	248	247	247	248	248	247	247	247	247	246	246
2nd Stage Disch. Press	PI-2201	psig		575	600	565	565	566	565	565	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	565	565	564	564
Final Discharge Pressure	PI-2108	psig		575	600	560	560	560	560	560	560	559	559	559	559	559	559	560	560	560	559	559	560	560	560	560	560	560	560
Lube Oil Pressure	PI-1572	psig	40	60		58	58	57	57	58	58	57	57	57	57	57	58	58	58	58	58	57	57	57	57	58	58	57	57
Lube Oil Temp	TE-1584	deg		150	170	169	169	170	170	169	169	169	169	168	169	170	170	169	169	168	168	169	170	170	170	170	170	170	170
Final Discharge Temp	TE-2120	deg		110	150	70	70	71	71	70	70	69	69	72	74	76	83	85	86	85	83	80	80	77	77	77	76	73	71
1st Stage Cylinder Disch. Temperature A	TE-2054 A	deg		226	297	196	196	197	197	198	198	194	194	196	196	199	201	202	202	201	200	200	199	198	198	198	198	197	196
2nd Stage Cylinder Disch. Temperature A	TE-2062 A	deg		258	283	199	198	198	198	199	198	197	197	199	201	203	207	209	210	210	208	207	208	206	206	204	203	203	201	199
1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg		226	297	194	192	192	194	194	194	193	193	194	195	197	199	200	200	199	199	198	198	197	197	197	197	196	195
2nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg		258	283	198	198	198	198	198	198	197	197	199	201	203	207	209	211	210	208	207	206	206	205	204	203	201	199
Motor Frame Vibration	VT-1015	IPS			0.15	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.04	.05	.05	.05	.05	.04	.04	.05	.05	.05	.05	.07	.04	.05
Compresser Frame Vibration	VT-1512	IPS			0.35	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.06	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.07	.05	.05
Take Once per Shift / at Full Load		psig		Max psid		When the differential pressure exceeds Max psid the filter should be changed out. Notify System Engineer																							
Natural Gas Comp.Discharge Press.													560																
Double Block and Bleed Pressure	A63FGDT	49-48=psid			8								555																
Fuel Gas Supply Pressure	A63FTGST	50-49=psid			20								541																

DATE 1-16-2021

SIGNATURE

Mid Shift

Days Shift John Arms

Notes

Utilities and Institutional Facilities

Date: 1-17-2021

MST / MDT (circle one)

Time Gas Introduced (Turbine Rolling):

Time of Turbine Online (Brkr Closed):

Time Turbine Offline (Brkr Open):

Time No Gas Flow:

Notes: PSS unavailable

CGTG HOURLY READING LOG

	Instrument Air Compressor	I.D	Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Blowdown Dry Receiver Tank Hourly	BVT-013	√				✓	✓	–	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	Blowdown Wet Receiver Tank Hourly	BVT-007	√				✓	✓	–	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓
3	Wet Receiver Air Pressure	PI-002	psig	90	105	120	109	110	107	108	108	106	110	110	104	108	110	104	106	110	104	110	112	110	109	108	110	108	110	109
4	Instrument Temperature	TI-001	deg C		20	50	16	14	14	14	14	14	13	13	16	16	18	18	19	20	20	20	19	18	18	18	18	18	18	18
5	Fin Fan Cooler		Units	Low	Norm	Max																								
6	Coolant Pressure	PI-250	psig		25		19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
7	Coolant PLC Temperature	TI-002	deg F	100	110	120	103	101	107	100	105	105	104	100	110	105	100	107	111	105	99	102	112	107	100	101	107	103	109	102
8	Sight glass Level Expansion Tank	LI-001	LEVEL	1/3	2/3	FULL	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
9	Coolant Return Differential from GG	FI-001	In WC		60	80	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
10	Coolant Return Differential from	FI-002	In WC		37	50	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
11	Control Room		Units	Low	Norm	Max																								
12	Room Temperature		deg F		72	85	76	76	76	76	77	77	74	74	73	72	73	74	74	73	73	73	74	74	74	74	74	74	74	74
15	WECC Log		Operational?																											
16	Operation of PSS/on at 6.5MW		Yes (Y)			No (N)	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
17	Operation of AVR Voltage Mode @ 13.6 KV		Yes (Y)			No (N)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
	Entronic Control System		Units	Low	Norm	Max																								
	(18–20 found on Air Diagram page)																													
18	2000 gal Oil Water Tank Level	LI-221	%			70%	17	17	17	17	17	17	18	18	18	18	18	17	17	17	17	17	17	17	17	17	17	17	17	17
19	10 gal gas TG Drain Tank (Air Diagram page)	LI-230	%			70%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Record on hard S/D trip over 4500 rpm NL Compressor (on line trip)	A63GGD ST-01	psig	25	29																									
21	Acknowledge Alarms Hourly		√				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	(22–24 found on Power Management page)																													
22	Generator Current		Amps			1427	1076	1081	1087	1090	1095	1097	1101	1091	1075	1065	1059	1036	1026	1019	1016	1020	1036	1051	1037	1039	1044	1040	1049	1066
23	Mw Output		MW			27	25.4	25.5	25.7	25.9	25.9	25.9	26.0	25.6	25.4	25.3	25.0	24.5	24.3	24.1	23.9	24.1	24.4	24.8	24.5	24.5	24.6	24.6	24.8	25.1
24	80% Base Load Minimum		MW				20.9	21.0	21.2	21.4	21.3	21.4	21.4	21.3	20.9	20.8	20.6	20.3	20.1	20.6	19.9	20.0	20.2	20.5	20.2	20.3	20.4	20.4	20.5	20.7
25	Running Hours (unit overview)						5637	5637	5638	5639	5640	5641	5642	5643	5644	5645	5646	5647	5648	5649	5650	5651	5652	5653	5654	5655	5656	5657	5658	5659
26	Ambient Temperature	T1 Inlet					34	33	32	29	30	29	28	30	35	35	38	42	44	46	47	46	42	39	42	41	41	41	39	37
	(27–28 found on Gas Fuel System page)																													
27	Waste Oil Tank	LI-220	%			70%	54	54	55	54	54	54	56	55	54	54	53	53	53	53	54	54	55	55	55	55	55	53	55	58
28	Total Fuel Flow		Mscf/h																											

Date: 1-17-2021 Signature: MIDS Bob [illegible] day shift - John [illegible]

CGTG TURBINE

UTILITIES AND INFRASTRUCTURE

Natural Gas Compressor		Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
GAS COMPRESSOR START TIME																													
Combustible Gas Detector	AAH-303	%		0%	20%																								
Packing Lube Oil Flow Indicator Left Side	FSL-1501B	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
Liquid Level Coalescing	LI-7721	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Crankcase Bulls eye	LC-1574	LEVEL	1/4	1/2	FULL	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
Oil Day Tank Level	LI-1562	GAL	10		FULL	26	26	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	24	24	24	24	24	24
Lubricator Bulls eye		LEVEL	1/2	FULL		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
1st Stage Scrubber Liquid Level	LI-7416	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
2nd Stage Scrubber Liquid Level	LI-7466	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Packing Lube Oil Flow Indicator Right Side	FSL-1501A	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
1st Stage Inlet Press.	PI-2100	psig		88	140	82	82	82	82	82	82	82	82	82	81	82	82	82	82	83	82	82	82	82	82	82	82	82	82
Stage Disch. Press	PI-2101	psig		238	285	250	250	250	250	250	250	249	249	250	249	249	250	250	251	252	251	252	252	252	251	250	250	250	250
2nd Stage Inlet Press	PI-2200	psig		267	285	246	246	246	246	246	246	245	245	246	245	245	246	246	247	248	247	248	248	248	248	247	247	247	247
2nd Stage Disch. Press	PI-2201	psig		575	600	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564
Final Discharge Pressure	PI-2108	psig		575	600	560	560	560	560	560	560	559	559	559	559	560	560	560	560	559	559	559	560	560	560	560	560	560	560
Lube Oil Pressure	PI-1572	psig	40	60		57	58	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57
Lube Oil Temp	TE-1584	deg		150	170	170	170	169	169	170	169	169	169	168	169	170	170	170	170	169	169	169	169	169	169	169	170	170	170
Final Discharge Temp	TE-2120	deg		110	150	71	71	70	70	70	70	69	69	72	72	75	77	80	82	83	81	80	79	75	74	74	75	74	73
1st Stage Cylinder Disch. Temperature A	TE-2054 A	deg		226	297	196	197	196	196	196	195	195	195	196	197	198	199	200	201	200	200	199	199	197	197	196	195	196	196
2nd Stage Cylinder Disch. Temperature A	TE-2062 A	deg		258	283	199	199	198	198	198	198	198	198	200	201	204	205	207	209	209	207	206	205	203	203	203	203	202	202
1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg		226	297	195	195	194	194	194	194	194	193	196	195	196	197	199	199	199	198	198	198	198	198	198	198	198	195
2nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg		258	283	199	199	198	198	198	198	198	197	200	201	203	204	207	209	209	207	206	204	203	203	202	202	202	201
Motor Frame Vibration	VT-1015	IPS			0.15	.05	.05	.05	.05	.05	.05	.04	.05	.05	.05	.05	.04	.05	.04	.04	.05	.04	.05	.05	.05	.05	.04	.04	.05
Compresser Frame Vibration	VT-1512	IPS			0.35	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.06	.06	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.06	.05
Take Once per Shift / at Full Load		psig		Max psid		When the differential pressure exceeds Max psid the filter should be changed out. Notify System Engineer																							
Natural Gas Comp.Discharge Press.													560																
Double Block and Bleed Pressure	A63FGDT	49-48=psid			8								554																
Fuel Gas Supply Pressure	A63FTGST	50-49=psid			20								541																

DATE	1-17-2021
SIGNATURE	
Mid Shift	Robert Hung
Days Shift	John Chen
Notes	

Utilities and Institutional Facilities

CGTG HOURLY READING LOG

Date: 1-18-2021

(MST) MDT (circle one)

Time Gas Introduced (Turbine Rolling):

Time of Turbine Online (Brkr Closed):

Time Turbine Offline (Brkr Open): 2359

Time No Gas Flow: 0005

Notes: PSS unavailable

	Instrument Air Compressor	I.D	Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Blowdown Dry Receiver Tank Hourly	BVT-015	√				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
2	Blowdown Wet Receiver Tank Hourly	BVT-007	√				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
3	Wet Receiver Air Pressure	PI-002	psig	90	105	120	108	110	107	108	110	✓	106	108	108	112	108	112	108	114	112	114	108	106	110	109	111	109	110	
4	Instrument Temperature	TI-001	deg C		20	50	18	17	15	15	14	14	14	15	17	19	18	18	18	18	18	18	18	18	17	15	17	15	15	
5	Fin Fan Cooler		Units	Low	Norm	Max																								
6	Coolant Pressure	PI-250	psig		25		19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	
7	Coolant PLC Temperature	TI-002	deg F	100	110	120	100	103	101	107	107	100	112	110	105	112	105	98	106	110	104	110	105	107	106	102	100	106	107	
8	Sight glass Level Expansion Tank	LI-001	LEVEL	1/3	2/3	FULL	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
9	Coolant Return Differential from GG	FI-001	in WC		50	80	60	60	CP	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	
10	Coolant Return Differential from	FI-002	in WC		37	50	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	
11	Control Room		Units	Low	Norm	Max																								
12	Room Temperature		deg F		72	85	74	74	74	74	74	74	75	75	75	75	74	74	75	76	77	77	77	77	76	76	76	76	76	
15	WECC Log		Operational?																											
16	Operation of PSS/on at 6.5MW		Yes (Y)			No (N)	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	
17	Operation of AVR Voltage Mode @ 13.6 KV		Yes (Y)			No (N)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
	Entronic Control System		Units	Low	Norm	Max																								
	(18–20 found on Air Diagram page)																													
18	2000 gal Oil Water Tank Level	LI-221	%			70%	17	17	17	17	17	17	18	18	18	18	17	17	17	17	17	17	17	17	17	17	17	17	17	
19	10 gal gas TG Drain Tank (Air Diagram page)	LI-230	%			70%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
20	Record on hard S/D trip over 4500 rpm NL Compressor (on line trip)	AEBGGD ST-01	psig	35	20																									
21	Acknowledge Alarms Hourly		√				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	(22–24 found on Power Management page)																													
22	Generator Current		Amps			1427	1071	1073	1074	1077	1072	1071	1075	1066	1034	1047	1052	1040	1048	1046	1045	1046	1054	1056	1059	1082	1084	1093	1089	
23	Mw Output		MW			27	25.2	25.4	25.4	25.5	25.4	25.3	25.4	25.2	24.4	24.8	24.8	24.6	24.3	24.6	24.7	24.7	24.9	24.9	25.0	25.5	25.6	25.9	25.8	
24	80% Base Load Minimum		MW				20.7	21.0	21.1	21.1	21.0	21.0	21.0	20.9	20.3	20.5	20.5	20.4	20.5	20.4	20.5	20.5	20.6	20.7	20.7	21.1	21.2	21.4	21.5	
25	Running Hours (unit overview)						5660	5664	5662	5663	5664	5665	5666	5667	5668	5669	5670	5671	5672	5673	5674	5675	5676	5677	5678	5679	5680	5681	5682	
26	Ambient Temperature	TX Inlet					36	34	33	33	33	33	33	34	41	39	39	40	39	40	39	39	37	37	37	33	32	29	30	
	(27–28 found on Gas Fuel System page)																													
27	Waste Oil Tank	LI-120	%			70%	55	55	55	55	55	55	55	57	54	54	53	54	54	55	55	55	55	55	55	55	55	56	56	
28	Total Fuel Flow		Mcf/h																											

Date: 1-18-2021 Signature: MIDS Bob Lucy Jay Swift — Joel Cruz

CGTG TURBINE

UTILITIES AND INFRASTRUCTURE

Natural Gas Compressor		Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
GAS COMPRESSOR START TIME																													
Combustible Gas Detector	AAH-303	%		0%	20%																								
Packing Lube Oil Flow Indicator Left Side	FSL-1501B	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	
Liquid Level Coalescing	LI-7721	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	
Crankcase Bulls eye	LC-1574	LEVEL	1/4	1/2	FULL	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
Oil Day Tank Level	LI-1562	GAL	10		FULL	24	24	24	24	24	24	24	24	24	23	23	23	23	22	22	22	22	22	22	22	22	22	22	
Lubricator Bulls eye		LEVEL	1/2	FULL		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	
1st Stage Scrubber Liquid Level	LI-7416	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	
2nd Stage Scrubber Liquid Level	LI-7466	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	
Packing Lube Oil Flow Indicator Right Side	FSL-1501A	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	
1st Stage Inlet Press.	PI-2100	psig		88	140	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	
Stage Disch. Press	PI-2101	psig		238	285	250	250	249	249	249	249	249	249	250	250	250	251	251	251	251	251	250	250	250	249	249	249	249	
2nd Stage Inlet Press	PI-2200	psig		267	285	247	246	246	246	246	246	245	245	246	246	246	247	247	247	247	246	246	246	246	246	246	246	246	
2nd Stage Disch. Press	PI-2201	psig		575	600	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	
Final Discharge Pressure	PI-2108	psig		575	600	560	559	559	559	560	559	559	559	559	560	560	559	560	560	559	560	559	560	560	559	559	559	559	
Lube Oil Pressure	PI-1572	psig	40	60		57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	
Lube Oil Temp	TE-1584	deg		150	170	179	164	169	169	169	169	170	169	169	170	170	170	169	169	169	169	169	169	169	169	169	169	169	
Final Discharge Temp	TE-2120	deg		110	150	73	72	70	72	71	71	70	72	77	77	77	79	79	76	78	78	75	72	74	73	72	72	71	
1st Stage Cylinder Disch. Temperature A	TE-2054 A	deg		226	297	196	196	196	196	196	196	195	195	197	198	198	198	198	198	194	198	197	197	197	196	196	196	195	
2nd Stage Cylinder Disch. Temperature A	TE-2062 A	deg		258	283	202	200	198	198	198	198	198	199	203	204	205	206	205	205	205	205	203	201	201	199	198	197	197	
1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg		226	297	195	195	193	195	194	194	193	194	196	196	196	197	196	196	196	196	195	194	194	193	193	193	193	
2nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg		258	283	201	200	198	198	198	198	198	199	203	204	204	206	205	205	205	205	203	200	200	198	198	197	197	
Motor Frame Vibration	VT-1015	IPS			0.15	.05	.05	.05	.05	.04	.05	.04	.05	.05	.05	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.04	.04	.04	.04	
Compresser Frame Vibration	VT-1512	IPS			0.35	.05	.05	.05	.05	.06	.05	.05	.05	.06	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	
Take Once per Shift / at Full Load		psig		Max psid		When the differential pressure exceeds Max psid the filter should be changed out. Notify System Engineer																							
Natural Gas Comp.Discharge Press.													560																
Double Block and Bleed Pressure	A63FGDT	49-48=psid			8								556																
Fuel Gas Supply Pressure	A63FTGST	50-49=psid			20								562																

DATE 1-18-2021

SIGNATURE

Mid Shift

Days Shift

Notes

Utilities and Institutional Facilities

Date: 1-23-21

MST / MDT (circle one)

Time Gas Introduced (Turbine Rolling): 0627

Time of Turbine Online (Brkr Closed): 0650

Time Turbine Offline (Brkr Open):

Time No Gas Flow:

CGTG HOURLY READING LOG

Notes: PSS UNAVAILABLE

	Instrument Air Compressor	I.D	Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Blowdown Dry Receiver Tank Hourly	BVT-013	√										√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
2	Blowdown Wet Receiver Tank Hourly	BVT-007	√										√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
3	Wet Receiver Air Pressure	PI-002	psig	93	105	120							106	100	103	101	99	101	104	100	104	99	102	98	106	104	102	110	112	107
4	Instrument Temperature	TI-001	deg C		20	50							18	18	18	18	18	18	19	19	19	18	18	18	17	17	17	17	16	16
5	Fin Fan Cooler		Units	Low	Norm	Max																								
6	Coolant Pressure	PI-250	psig		25								18.9	19	19	18	18	18	18	18	18	18	18	17	19	19	19	19	19	18.8
7	Coolant PLC Temperature	TI-002	deg F	100	110	120							98	100	105	97	104	100	105	105	100	98	101	94	106	104	101	102	105	98
8	Sight glass Level Expansion Tank	LI-001	LEVEL	1/3	2/3	FULL							1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
9	Coolant Return Differential from GG	FI-001	in WC		60	80							60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
10	Coolant Return Differential from	FI-002	in WC		37	50							35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
11	Control Room		Units	Low	Norm	Max																								
12	Room Temperature		deg F		72	85							72	70	70	70	70	70	70	70	70	70	70	70	76	75	73	72	72	74
15	WECC Log		Operational?																											
16	Operation of PSS/on at 6.5MW		Yes (Y)			No (N)							N	N	N	N	N	N	N	N	Y	Y	Y	Y	N	N	N	N	N	N
17	Operation of AVR Voltage Mode @ 13.6 KV		Yes (Y)			No (N)																								
	Entronic Control System		Units	Low	Norm	Max																								
	(18–20 found on Air Diagram page)																													
18	2000 gal Oil Water Tank Level	LI-231	%			70%							17	17	17	17	17	18	18	18	17	17	18	18	17	17	17	17	17	17
19	10 gal gas TG Drain Tank (Air Diagram page)	LI-230	%			70%							0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Record on hard S/D trip over 4500 rpm NL Compressor (on line trip)	A63GGD ST-01	psig	35	20																									
21	Acknowledge Alarms Hourly		√										√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
	(22–24 found on Power Management page)																													
22	Generator Current		Amps			1427							1063	1061	1051	1053	1053	1054	1041	1045	1029	1042	1030	1048	1058	1051	1069	1068	1079	1065
23	Mw Output		MW			27							25.1	25.1	24.9	24.9	24.9	24.9	24.6	24.7	24.4	24.7	24.8	24.9	25	24.9	25.3	25.4	25.4	25.2
24	80% Base Load Minimum		MW										21.1	20.9	20.6	20.6	20.6	20.6	20.5	20.5	20.3	20.0	20.4	20.6	20.7	20.7	20.9	21	21.1	20.9
25	Running Hours (unit overview)												5683	5684	5685	5686	5687	5688	5689	5690	5691	5692	5693	5694	5695	5696	5697	5698	5699	5700
26	Ambient Temperature	T1 inlet											32.7	34.9	38.1	37.8	37.8	37.8	39.4	39.4	41.9	39.0	37.8	37.1	36.5	36.9	34.7	33.1	32.4	34.2
	(27–28 found on Gas Fuel System page)																													
27	Waste Oil Tank	LI-120	%			70%							57	57	57	57	57	57	57	57	57	57	57	57	60	59	60	60	60	60
28	Total Fuel Flow		Mscf/h																											

Date: 1-23-21 Signature: Randy Dill

CGTG TURBINE

UTILITIES AND INFRASTRUCTURE

1117345

Natural Gas Compressor		Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
GAS COMPRESSOR START TIME 0500																													
Combustible Gas Detector	AAH-303	%		0%	20%																								
Packing Lube Oil Flow Indicator Left Side	FSL-1501B	LIGHT		BLINK								B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
Liquid Level Coalescing	LI-7721	LIQID		EMPTY	ANY							E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Crankcase Bulls eye	LC-1574	LEVEL	1/4	1/2	FULL							1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
Oil Day Tank Level	LI-1562	GAL	10		FULL							F	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53
Lubricator Bulls eye		LEVEL	1/2	FULL								F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
1st Stage Scrubber Liquid Level	LI-7416	LIQID		EMPTY	ANY							E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
2nd Stage Scrubber Liquid Level	LI-7466	LIQID		EMPTY	ANY							E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Packing Lube Oil Flow Indicator Right Side	FSL-1501A	LIGHT		BLINK								1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/2	E	E	E	E	E
1st Stage Inlet Press.	PI-2100	psig		88	140							B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
Stage Disch. Press	PI-2101	psig		238	285							81	81	82	82	82	82	81	82	81	82	82	82	82	82	81	82	82	82
2nd Stage Inlet Press	PI-2200	psig		267	285							246	247	249	248	249	249	248	249	249	250	249	249	249	248	247	247	247	249
2nd Stage Disch. Press	PI-2201	psig		575	600							242	243	244	244	245	248	244	245	246	246	246	246	245	245	245	244	244	244
Final Discharge Pressure	PI-2108	psig		575	600							564	564	564	564	564	564	564	564	564	564	563	563	564	564	564	564	564	564
Lube Oil Pressure	PI-1572	psig	40	60								559	559	559	560	560	560	559	560	560	559	559	559	559	559	559	559	559	559
Lube Oil Temp	TE-1584	deg		150	170							57	57	57	57	57	58	57	57	57	57	57	57	57	57	57	57	57	57
Final Discharge Temp	TE-2120	deg		110	150							168	168	169	169	169	169	169	169	169	169	169	169	169	169	168	170	169	169
1st Stage Cylinder Disch. Temperature A	TE-2054 A	deg		226	297							70	72	75	76	76	74	76	77	78	75	78	75	73	72	72	70	70	71
2nd Stage Cylinder Disch. Temperature A	TE-2062 A	deg		258	283							202	201	202	201	199	199	200	201	201	200	200	200	198	197	197	197	197	197
1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg		226	297							202	202	205	205	204	205	205	206	206	203	202	200	200	200	198	198	198	199
2nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg		258	283							200	199	200	198	197	198	198	199	199	198	198	195	197	197	197	195	195	195
Motor Frame Vibration	VT-1015	IPS			0.15							202	202	204	204	204	204	205	205	205	205	203	203	200	200	200	198	198	199
Compresser Frame Vibration	VT-1512	IPS			0.35							04	04	04	04	04	04	04	04	04	04	04	04	04	04	04	04	04	04
Take Once per Shift / at Full Load		psig		Max psid		When the differential pressure exceeds Max psid the filter should be changed out. Notify System Engineer						05	05	05	05	05	05	05	05	05	05	05	06	06	05	05	05	05	05	05
Natural Gas Comp.Discharge Press.																													
Double Block and Bleed Pressure	A63FGDT	49-48=psid			8							560	560	560															
Fuel Gas Supply Pressure	A63FTGST	50-49=psid			20																								

DATE 1-23-21

SIGNATURE

Mid Shift A Wan

Days Shift RUIZ CL

Notes

1121065

Date: JAN 2 4 2021

Utilities and Institutional Facilities

UI-LOG-033-R4
October 1, 2020

MST / MDT (circle one)

Time Gas Introduced (Turbine Rolling):

Time of Turbine Online (Brkr Closed):

CGTG HOURLY READING LOG

Time Turbine Offline (Brkr Open):

Time No Gas Flow:

Notes: PSS UNAVAILABLE

		I.D	Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Blowdown Dry Receiver Tank Hourly	BVT-015	v				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	Blowdown Wet Receiver Tank Hourly	BVT-007	v				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	Wet Receiver Air Pressure	PI-002	psig	90	105	120	107	110	114	107	110	113	102	100	103	101	105	102	100	102	98	102	100	99	104	108	106	107	101	99
4	Instrument Temperature	TI-001	deg C		20	50	16	16	16	16	16	16	14	14	14	14	14	13	14	13	14	14	14	13	14	14	14	16	16	16
5	Fin Fan Cooler		Units	Low	Norm	Max																								
6	Coolant Pressure	PI-250	psig		25		18.9	18.8	18.8	18.8	18.8	18.8	18	18	18	18	19	19	19	19	19	19	19	19	19	19	18	18	18	18
7	Coolant PLC Temperature	TI-002	deg F	100	110	120	104	107	98	103	100	99	103	109	100	99	98	100	104	110	103	102	100	101	102	104	103	101	105	101
8	Sight glass Level Expansion Tank	LI-001	LEVEL	1/3	2/3	FULL	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
9	Coolant Return Differential from GG	FI-001	in WC		60	80	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
10	Coolant Return Differential from	FI-002	in WC		57	58	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
11	Control Room		Units	Low	Norm	Max																								
12	Room Temperature		deg F		72	85	72	72	72	74	74	74	74	73	73	73	73	73	73	73	72	72	72	72	72	72	72	72	72	72
15	WECC Log		Operational?																											
16	Operation of PSS/on at 6.5MW		Yes (Y)			No (N)	NO	NO	NO	NO	NO	NO	N	N	N	N	N	N	N	N	Y	Y	Y	N	N	N	N	N	N	N
17	Operation of AVR Voltage Mode @ 13.6 KV		Yes (Y)			No (N)																								
	Entronic Control System		Units	Low	Norm	Max																								
	(18–20 found on Air Diagram page)																													
18	2000 gal Oil Water Tank Level	LI-221	%			70%	17	17	17	18	18	18	16	16	16	16	16	16	16	16	18	18	18	18	17	17	17	17	17	17
19	10 gal gas TG Drain Tank (Air Diagram page)	LI-230	%			70%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Record on hard S/D trip over 4500 rpm NL Compressor (on line trip)	AEBGGD ST-01	psig	35	20																									
21	Acknowledge Alarms Hourly		v				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	(22–24 found on Power Management page)																													
22	Generator Current		Amps			1427	1066	1064	1062	1066	1064	1060	1060	1060	1058	1047	1033	1036	1013	1034	1026	1034	1038	1037	1088	1083	1079	1078	1093	1089
23	Mw Output		MW			27	25.7	25.2	25.2	25.1	25.1	25.1	25.0	25.0	24.8	24.6	24.4	24.5	24.0	24.4	24.4	24.4	24.5	24.4	25.6	25.6	25.5	25.5	25.8	25.8
24	80% Base Load Minimum		MW				21	21	20.9	20.9	20.9	20.9	20.9	20.9	20.4	20.5	20.4	20.4	20.1	20.4	20.4	20.4	20.5	20.4	21.5	21.6	21.4	21.5	21.7	21.7
25	Running Hours (unit overview)						5701	5702	5703	5704	5705	5706	5707	5708	5709	5710	5711	5712	5713	5714	5715	5716	5717	5718	5719	5720	5721	5722	5723	5724
26	Ambient Temperature	T1 Inlet					33.8	35.7	34.3	34.2	34	34.7	35.1	36.1	36.2	39.7	41.0	41.0	44.7	40.8	40.1	39.9	38.7	36.5	28.3	27.1	28.6	28.4	25.7	25.9
	(27–28 found on Gas Fuel System page)																													
27	Waste Oil Tank	LI-120	%			70%	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	62	62	61	61	61	61	61	61
28	Total Fuel Flow		Mscf/h																											

Date: 1-24-21

Signature: A Wan

CGTG TURBINE

UTILITIES AND INFRASTRUCTURE

1123494

Natural Gas Compressor		Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
GAS COMPRESSOR START TIME																													
Combustible Gas Detector	AAH-303	%		0%	20%																								
Packing Lube Oil Flow Indicator Left Side	FSL-1501B	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
Liquid Level Coalescing	LI-7721	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Crankcase Bulls eye	LC-1574	LEVEL	1/4	1/2	FULL	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
Oil Day Tank Level	LI-1562	GAL	10		FULL	53	53	53	53	53	53	50	50	50	49	49	49	49	49	49	49	49	49	48	48	47	47	47	47
Lubricator Bulls eye		LEVEL	1/2	FULL		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
1st Stage Scrubber Liquid Level	LI-7416	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
2nd Stage Scrubber Liquid Level	LI-7466	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Packing Lube Oil Flow Indicator Right Side	FSL-1501A	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
1st Stage Inlet Press.	PI-2100	psig		88	140	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82
Stage Disch. Press	PI-2101	psig		238	285	249	248	248	249	249	249	249	249	249	249	249	249	249	250	250	250	250	247	249	249	249	249	248	247
2nd Stage Inlet Press	PI-2200	psig		267	285	244	243	242	245	244	245	245	245	246	246	246	245	246	246	246	246	245	245	244	244	244	245	244	244
2nd Stage Disch. Press	PI-2201	psig		575	600	564	564	564	564	564	564	564	564	564	564	564	564	564	563	564	564	564	564	564	564	564	564	564	564
Final Discharge Pressure	PI-2108	psig		575	600	559	559	559	559	559	559	559	559	559	559	560	559	559	559	559	559	559	559	559	559	560	560	560	560
Lube Oil Pressure	PI-1572	psig	40	60		57	57	57	57	57	57	57	57	57	57	57	57	57	58	58	58	58	57	57	57	57	57	57	57
Lube Oil Temp	TE-1584	deg		150	170	169	169	168	169	169	169	169	169	169	169	169	169	169	169	169	168	168	169	168	168	168	169	168	166
Final Discharge Temp	TE-2120	deg		110	150	70	70	70	70	70	70	72	74	74	74	78	78	78	80	80	79	79	79	79	79	76	70	70	70
1st Stage Cylinder Disch. Temperature A	TE-2054 A	deg		226	297	197	197	196	197	198	197	196	197	197	197	200	201	202	200	201	199	198	199	199	198	195	195	194	194
2nd Stage Cylinder Disch. Temperature A	TE-2062 A	deg		258	283	199	199	198	199	198	199	199	201	201	202	206	205	205	207	206	206	205	204	204	204	198	197	196	195
1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg		226	297	195	195	195	195	195	195	194	195	195	194	197	197	201	198	199	197	197	194	196	194	193	193	193	193
2nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg		258	283	199	198	198	199	199	199	199	201	201	202	205	201	202	201	202	206	206	206	204	204	200	198	196	196
Motor Frame Vibration	VT-1015	IPS			0.15	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04
Compresser Frame Vibration	VT-1512	IPS			0.35	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05
Take Once per Shift / at Full Load		psig		Max psid		When the differential pressure exceeds Max psid the filter should be changed out. Notify System Engineer																							
Natural Gas Comp.Discharge Press.																													
Double Block and Bleed Pressure	A63FGDT	49-48=psid			8							560																	
Fuel Gas Supply Pressure	A63FTGST	50-49=psid			20																								

DATE JAN 2 4 2021

SIGNATURE

Mid Shift A Wall

Days Shift

1126800

Notes

16 Th

Utilities and Institutional Facilities

Date: JAN 2 5 2021

CGTG HOURLY READING LOG

MST / MDT (circle one)
Time Gas Introduced (Turbine Rolling):
Time of Turbine Online (Enter Closed):
Time Turbine Offline (Enter Open):
Time No Gas Flow:

Notes:

	Instrument Air Compressor	I.D	Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Blowdown Dry Receiver Tank Hourly	BVT-018	V				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	Blowdown Wet Receiver Tank Hourly	BVT-017	V				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	Wet Receiver Air Pressure	PI-002	psig	93	105	120	106	108	104	107	110	104	106	112	110	112	110	108	104	112	106	108	112	110	108	105	108	110	111	109
4	Instrument Temperature	TI-001	deg C		20	50	12	12	12	12	14	14	12	12	12	14	14	14	15	16	15	14	13	12	12	12	12	12	12	12
5	Fin Fan Cooler		Units	Low	Norm	Max																								
6	Coolant Pressure	PI-250	psig		25		18	18	18	18	18	18	19	18.4	19	19	19	19	18.8	18.8	18.8	18.8	18.4	18.4	18	18	18	18	18	18
7	Coolant PLC Temperature	TI-002	deg F	100	110	120	109	107	104	100	103	102	108	104	109	111	111	104	104	99	100	109	108	107	103	104	103	104	99	99
8	Sight glass Level Expansion Tank	LI-001	LEVEL	1/3	2/3	FULL	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½
9	Coolant Return Differential from GG	PI-001	In WC		60	80	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
10	Coolant Return Differential from	PI-002	In WC		37	50	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
11	Control Room		Units	Low	Norm	Max																								
12	Room Temperature		deg F		72	85	70	70	70	70	70	70	75	76	74	72	71	70	70	70	70	71	71	70	71	71	71	71	70	70
15	WECC Log		Operational?																											
16	Operation of PSS/on at 6.9MW		Yes (Y)			No (N)	NO	NO	NO	NO	NO	NO	NO	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N	N	N	N	N	N
17	Operation of AVR Voltage Mode @ 13.6 KV		Yes (Y)			No (N)							✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Entronic Control System		Units	Low	Norm	Max																								
	(18–20 found on Air Diagram page)																													
18	2000 gal Oil Water Tank Level	LI-231	%			70%	18	18	18	18	18	18	18	18	18	18	18	18	18	18	17	17	17	17	18	18	18	18	16	16
19	10 gal gas TG Drain Tank (Air Diagram page)	LI-230	%			70%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Record on hard S/D trip over 4500 rpm NL Compressor (on line trip)	A69GGD ST-01	psig	25	29																									
21	Acknowledge Alarms Hourly		V				✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	(22–24 found on Power Management page)																													
22	Generator Current		Amps			1427	1089	1079	1086	1088	1094	1086	1095	1091	1076	1071	1077	1064	V063	1078	1074	1099	1093	1097	1094	1093	1097	1094	1095	
23	Mw Output		MW			27	25.6	25.5	25.6	25.8	25.8	25.7	25.8	25.8	25.4	25.3	25.4	25.2	25.2	25.4	25.4	25.4	25.5	25.9	25.8	25.9	25.4	25.9	25.8	25.8
24	80% Base Load Minimum		MW				21.6	21.5	21.6	21.7	21.7	21.6	21.7	21.8	21.5	21.3	21.3	21.2	21.2	21.3	21.3	21.7	21.7	21.7	21.8	21.8	21.8	21.8	21.7	21.7
25	Running Hours (unit overview)						5725	5726	5727	5728	5729	5730	5731	5732	5733	5734	5735	5736	5737	5738	5739	5740	5741	5742	5743	5744	5745	5746	5747	5748
26	Ambient Temperature	T1 Inlet					26.8	26.9	27.1	26.1	25.3	26.6	25.7	25.0	28.4	30.7	29.8	31.3	31.6	29.5	29.8	25.7	26.1	25.7	23.5	24.3	24.7	24.6	26.1	26.2
	(27–28 found on Gas Fuel System page)																													
27	Waste Oil Tank	LI-220	%			70%	61	61	61	61	61	61	61	61	61	60	60	60	60	60	60	61	60	61	61	61	61	61	61	61
28	Total Fuel Flow		Mscf/h																											

Date: JAN 2 5 2021

Signature: A Wan

CGTG TURBINE

UTILITIES AND INFRASTRUCTURE

Natural Gas Compressor		Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
GAS COMPRESSOR START TIME																													
Combustible Gas Detector	AAH-303	%		0%	20%																								
Packing Lube Oil Flow Indicator Left Side	FSL-1501B	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	K	B	B	B
Liquid Level Coalescing	LI-7721	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Crankcase Bulls eye	LC-1574	LEVEL	1/4	1/2	FULL	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½
Oil Day Tank Level	LI-1562	GAL	10		FULL	46	46	46	46	46	46	46	46	46	46	46	46	46	46	45	45	45	45	45	45	45	45	45	46
Lubricator Bulls eye		LEVEL	1/2	FULL		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	E	E	E	F
1st Stage Scrubber Liquid Level	LI-7416	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
2nd Stage Scrubber Liquid Level	LI-7466	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Packing Lube Oil Flow Indicator Right Side	FSL-1501A	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
1st Stage Inlet Press.	PI-2100	psig		88	140	81	81	81	82	82	82	82	81	82	81	81	82	81	81	82	82	81	81	81	81	81	82	82	82
Stage Disch. Press	PI-2101	psig		238	285	248	248	248	248	248	248	249	248	247	247	248	248	247	247	246	249	249	248	248	248	248	249	248	249
2nd Stage Inlet Press	PI-2200	psig		267	285	244	244	244	244	244	245	245	244	243	243	248	244	243	243	244	245	245	245	244	244	244	245	245	245
2nd Stage Disch. Press	PI-2201	psig		575	600	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564
Final Discharge Pressure	PI-2108	psig		575	600	559	559	559	559	559	559	559	559	559	559	560	559	559	560	560	559	559	559	559	559	559	560	560	560
Lube Oil Pressure	PI-1572	psig	40	60		57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57
Lube Oil Temp	TE-1584	deg		150	170	168	168	167	168	168	167	168	169	168	169	169	169	167	170	167	166	168	167	167	167	167	167	168	168
Final Discharge Temp	TE-2120	deg		110	150	70	70	70	70	70	70	70	70	69	70	69	70	70	70	69	70	70	70	70	70	70	70	70	70
1st Stage Cylinder Disch. Temperature A	TE-2054 A	deg		226	297	194	195	195	194	194	194	194	194	194	195	196	197	196	196	196	194	194	194	194	194	194	194	195	195
2nd Stage Cylinder Disch. Temperature A	TE-2062 A	deg		258	283	197	197	197	196	194	194	196	196	196	198	198	198	196	197	198	197	198	195	197	197	197	198	198	198
1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg		226	297	194	196	195	194	195	195	193	192	193	194	194	194	194	194	195	192	193	192	192	192	192	193	193	193
2nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg		258	283	196	196	196	196	196	196	197	196	196	195	195	198	196	197	198	197	198	197	196	196	196	196	197	197
Motor Frame Vibration	VT-1015	IPS			0.15	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.04	.04	.04	.04	.05	.04	.04	.04	.05	.05	.05	.05	.05
Compresser Frame Vibration	VT-1512	IPS			0.35	.05	.05	.05	.05	.05	.05	.05	.04	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05
Take Once per Shift / at Full Load		psig		Max psid		When the differential pressure exceeds Max psid the filter should be changed out. Notify System Engineer																							
Natural Gas Comp.Discharge Press.													560																
Double Block and Bleed Pressure	A63FGDT	49-48=psid			8								554																
Fuel Gas Supply Pressure	A63FTGST	50-49=psid			20								541																

DATE JAN 2 5 2021

SIGNATURE

Mid Shift A Wolf

Days Shift

Notes Alm High Dpress coalescing filter

Utilities and Institutional Facilities

Date: 1-26-2021

MST / MDT (circle one)

Time Gas Introduced (Turbine Rolling):

Time of Turbine Online (Enter Closed):

Time Turbine Offline (Enter Open):

Time No Gas Flown

Notes:

CGTG HOURLY READING LOG

	Instrument Air Compressor	I.D	Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Blowdown Dry Receiver Tank Hourly	BVT-018	V				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	Blowdown Wet Receiver Tank Hourly	BVT-007	V				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	Wet Receiver Air Pressure	PI-002	psig	90	105	120	110	108	106	110	106	105	112	108	112	110	112	106	110	112	106	110	112	108	111	112	109	112	109	110
4	Instrument Temperature	TI-001	deg C		20	50	12	12	12	12	12	11	11	11	11	11	12	12	13	12	12	12	11	10	10	10	10	9	9	9
5	Fin Fan Cooler		Units	Low	Norm	Max																								
6	Coolant Pressure	PI-250	psig		25		18	18	18	18	18	18	18	18	18	19	19	19	19	19	18	18	18	18	18	18	18	18	18	18
7	Coolant PLC Temperature	TI-002	deg F	100	110	120	102	100	103	99	101	98	102	104	105	108	110	103	99	111	105	106	105	108	103	107	102	99	104	107
8	Sight glass Level Expansion Tank	LI-001	LEVEL	1/3	2/3	FULL	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
9	Coolant Return Differential from GG	PI-001	in WC		60	80	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
10	Coolant Return Differential from	PI-002	in WC		37	50	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
11	Control Room		Units	Low	Norm	Max																								
12	Room Temperature		deg F		72	85	70	70	70	70	70	70	70	70	70	70	68	68	68	67	67	67	69	69	69	69	69	69	70	69
15	WECC Log		Operational?																											
16	Operation of PSS/ on at 6.8MW		Yes (Y)			No (N)	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	M	M	M	N	N	N
17	Operation of AVR Voltage Mode @ 13.6 KV		Yes (Y)			No (N)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
	Entronic Control System		Units	Low	Norm	Max																								
	(18-20 found on Air Diagram page)																													
18	2000 gal Oil Water Tank Level	LI-231	%			70%	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
19	10 gal gas TG Drain Tank (Air Diagram page)	LI-230	%			70%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Record on hard S/D trip over 4500 rpm NL Compressor (on line trip)	AESGGD BT-01	psig	35	29																									
21	Acknowledge Alarms Hourly		V				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	(22-24 found on Power Management page)																													
22	Generator Current		Amps			1427	1097	1092	1089	1086	1092	1096	1085	1083	1090	1095	1096	1098	1098	1094	1094	1105	1091	1094	1092	1096	1092	1082	1693	1094
23	Mw Output		MW			27	25.9	25.8	25.8	25.8	25.7	25.7	25.7	25.6	25.7	25.9	25.9	25.9	25.8	25.8	25.9	25.9	25.8	25.7	25.8	25.8	25.8	25.7	45.8	25.1
24	80% Base Load Minimum		MW				21.8	21.8	21.8	21.8	21.8	21.0	21.8	21.8	21.8	21.	21.8	21.8	21.7	21.7	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8
25	Running Hours (unit overview)						5749	5750	5751	5752	5753	5754	5755	5756	5757	5758	5759	5760	5761	5762	5763	5764	5765	5766	5767	5768	5769	5770	5771	5772
26	Ambient Temperature	T1 Inlet					26.1	25.7	24.3	24.1	23.5	22.8	21.7	20.3	22.5	23.1	25.3	23.7	25.9	25.2	24.4	24.3	21.4	20.3	20.7	20.1	19.9	19.0	18.3	18.1
	(27-28 found on Gas Fuel System page)																													
27	Waste Oil Tank	LI-120	%			70%	61	61	61	61	61	61	61	61	61	60	60	60	60	60	60	60	61	61	61	61	62	61	61	61
28	Total Fuel Flow		Mscf/h																											

Date: 1-26-2021 Signature: Bob Alvey MIDSHIFT day shift - Josh Anson

CGTG TURBINE UTILITIES AND INFRASTRUCTURE

Natural Gas Compressor		Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
GAS COMPRESSOR START TIME																													
Combustible Gas Detector	AAH-303	%		0%	20%																								
Packing Lube Oil Flow Indicator Left Side	FSL-1501B	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
Liquid Level Coalescing	LI-7721	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Crankcase Bulls eye	LC-1574	LEVEL	1/4	1/2	FULL	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
Oil Day Tank Level	LI-1562	GAL	10		FULL	45	45	45	45	44	44	44	44	44	44	44	44	44	44	44	43	43	43	43	43	43	43	43	43
Lubricator Bulls eye		LEVEL	1/2	FULL		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
1st Stage Scrubber Liquid Level	LI-7416	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
2nd Stage Scrubber Liquid Level	LI-7466	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Packing Lube Oil Flow Indicator Right Side	FSL-1501A	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
1st Stage Inlet Press.	PI-2100	psig		88	140	82	82	82	82	82	82	82	82	82	81	81	81	81	81	81	81	82	81	81	81	81	81	81	81
Stage Disch. Press	PI-2101	psig		238	285	249	249	249	248	248	248	249	249	249	248	247	248	247	248	248	248	249	249	249	248	248	248	248	248
2nd Stage Inlet Press	PI-2200	psig		267	285	245	245	244	243	244	244	245	245	243	244	243	244	243	244	244	244	245	244	244	244	244	243	244	244
2nd Stage Disch. Press	PI-2201	psig		575	600	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564
Final Discharge Pressure	PI-2108	psig		575	600	560	560	560	559	559	559	559	560	559	559	559	559	559	559	559	559	559	559	559	559	559	559	559	559
Lube Oil Pressure	PI-1572	psig	40	60		57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57
Lube Oil Temp	TE-1584	deg		150	170	168	168	168	167	167	167	168	168	169	169	168	169	168	168	168	168	168	168	168	167	167	167	167	167
Final Discharge Temp	TE-2120	deg		110	150	70	70	70	70	70	70	69	70	70	69	70	70	70	69	69	69	69	69	69	69	69	69	69	69
1st Stage Cylinder Disch. Temperature A	TE-2054 A	deg		226	297	195	195	194	194	194	197	194	193	194	194	196	195	196	194	194	194	193	194	194	194	193	193	193	195
2nd Stage Cylinder Disch. Temperature A	TE-2062 A	deg		258	283	198	198	197	196	196	195	197	198	197	198	198	198	199	197	196	196	196	196	196	196	196	196	196	195
1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg		226	297	193	194	193	193	193	193	192	191	192	192	193	194	194	193	192	192	192	192	192	191	191	191	192	191
2nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg		258	283	197	197	196	196	196	196	197	197	197	197	198	198	198	197	196	196	196	196	196	196	196	196	196	196
Motor Frame Vibration	VT-1015	IPS			0.15	.05	.04	.05	.04	.05	.05	.05	.05	.05	.04	.04	.05	.05	.05	.05	.04	.05	.04	.04	.04	.04	.05	.04	.05
Compresser Frame Vibration	VT-1512	IPS			0.35	.05	.05	.01	.05	.01	.05	.05	.05	.05	.05	.05	.05	.06	.05	.05	.05	.05	.05	.05	.01	.01	.01	.05	.05
Take Once per Shift / at Full Load		psig		Max psid		When the differential pressure exceeds Max psid the filter should be changed out. Notify System Engineer																							
Natural Gas Comp.Discharge Press.													560																
Double Block and Bleed Pressure	A63FGDT	49-48=psid			8								555																
Fuel Gas Supply Pressure	A63FTGST	50-49=psid			20								542																

DATE 1-26-2021

SIGNATURE

Mid Shift Bob

Days Shift John

Notes

Utilities and Institutional Facilities

Date: 1-27-2021

MST / MDT (circle one)

Time Gas Introduced (Turbine Rolling): 0839

Time of Turbine Online (Enter Closed): 0822 / 0824

CGTG HOURLY READING LOG

Time Turbine Offline (Enter Open): 1052

Time No Gas Flow:

Notes: 0447 CGTC Tripped off

	Instrument Air Compressor	I.D	Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Blowdown Dry Receiver Tank Hourly	BVT-013	v				✓	✓	✓	✓						✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	Blowdown Wet Receiver Tank Hourly	BVT-007	v				✓	✓	✓	✓						✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	Wet Receiver Air Pressure	PI-002	psig	90	105	120	111	109	112	103						108	106	106	106	110	106	104	106	106	106	110	108	109	110	106
4	Instrument Temperature	TI-001	deg C		20	50	9	8	8	8						12	14	14	14	14	15	15	14	12	12	12	12	12	12	12
5	Fin Fan Cooler		Units	Low	Norm	Max																								
6	Coolant Pressure	PI-250	psig		25		18	18	18	18						19	19	19	19	19	19	19	19	19	19	19	19	16	19	19
7	Coolant PLC Temperature	TI-002	deg F	100	110	120	104	99	107	107						101	111	105	106	108	105	108	102	105	103	101	109	105	107	101
8	Sight glass Level Expansion Tank	LI-001	LEVEL	1/3	2/3	FULL	1/2	1/2	1/2	1/2						1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
9	Coolant Return Differential from GG	FI-001	in WC		60	80	60	60	60	60						60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
10	Coolant Return Differential from	FI-002	in WC		37	50	35	35	35	35						35	35	35	35	35	35	35	35	35	35	35	35	30	30	35
11	Control Room		Units	Low	Norm	Max																								
12	Room Temperature		deg F		72	85	64	70	70	70						67	68	67	67	67	66	66	67	68	68	68	68	68	69	69
15	WECC Log		Operational?																											
16	Operation of PSS/on at 6.5MW		Yes (Y)			No (N)	N	N	N	N						N	N	N	N	N	N	N	N	N	N	N	N	N	N
17	Operation of AVR Voltage Mode @ 13.6 KV		Yes (Y)			No (N)	Y	Y	Y	Y						Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
	Entronic Control System		Units	Low	Norm	Max																								
	(18-20 found on Air Diagram page)																													
18	2000 gal Oil Water Tank Level	LI-251	%			70%	18	18	18	18						18	18	18	18	18	18	17	17	17	17	18	18	18	18	18
19	10 gal gas TG Drain Tank (Air Diagram page)	LI-250	%			70%	0	0	0	0						0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Record on hard S/D trip over 4500 rpm NL Compressor (on line trip)	AESGCD ST-01	psig	35	28																									
21	Acknowledge Alarms Hourly		v				✓	✓	✓	✓						✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	(22-24 found on Power Management page)																													
22	Generator Current		Amps			3427	1092	1091	1085	1080						0	969	973	943	945	954	948	948	942	946	988	990	994	991	992
23	Mw Output		MW			27	25.8	25.8	25.6	25.7						0	23.0	22.9	22.3	24.2	22.6	22.3	22.4	22.3	22.4	23.4	23.6	23.6	23.5	23.4
24	80% Base Load Minimum		MW				21.6	21.8	21.8	21.7						21.8	21.6	21.3	21.3	22.0	21.1	21.1	21.2	21.4	21.5	21.5	21.5	21.6	21.7	21.7
25	Running Hours (unit overview)						5773	5774	5775	5776						5778	5779	5780	5781	5782	5783	5784	5785	5786	5787	5788	5789	5790	5791	5792
26	Ambient Temperature	TX Inlet					18	16	14	14						24.6	26.8	29.8	30.4	31.3	32.7	33.1	31.5	28.9	28.4	28.6	27.5	26.6	26.1	25.7
	(27-28 found on Gas Fuel System page)																													
27	Waste Oil Tank	LI-120	%			70%	61	62	62	62						60	59	59	59	60	61	61	61	61	61	61	61	61	61	61
28	Total Fuel Flow		Mscf/h																											

Date: 1-27-2021 Signature: Bob Arg

day shift - Josh Arg

CGTG TURBINE

UTILITIES AND INFRASTRUCTURE

Natural Gas Compressor		Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
GAS COMPRESSOR START TIME	0747																												
Combustible Gas Detector	AAH-303	%		0%	20%																								
Packing Lube Oil Flow Indicator Left Side	FSL-1501B	LIGHT		BLINK		B	B	B	B						B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
Liquid Level Coalescing	LI-7721	LIQID		EMPTY	ANY	E	E	E	E						E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Crankcase Bulls eye	LC-1574	LEVEL	1/4	1/2	FULL	1/2	1/2	1/2	1/2						1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
Oil Day Tank Level	LI-1562	GAL	10		FULL	43	43	43	43						42	41	41	41	41	41	40	40	40	40	40	40	40	40	40	40
Lubricator Bulls eye		LEVEL	1/2	FULL		F	F	F	F						F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
1st Stage Scrubber Liquid Level	LI-7416	LIQID		EMPTY	ANY	E	E	E	E						E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
2nd Stage Scrubber Liquid Level	LI-7466	LIQID		EMPTY	ANY	E	E	E	E						E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Packing Lube Oil Flow Indicator Right Side	FSL-1501A	LIGHT		BLINK		B	B	B	B						B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
1st Stage Inlet Press.	PI-2100	psig		88	140	81	81	81	81						85	82	82	82	82	82	82	82	82	82	82	82	82	82	82
Stage Disch. Press	PI-2101	psig		238	285	248	248	248	248						256	240	249	248	246	249	249	250	250	249	249	250	249	250	249
2nd Stage Inlet Press	PI-2200	psig		267	285	244	244	244	244						252	244	245	244	244	245	245	246	246	248	245	246	246	246	246
2nd Stage Disch. Press	PI-2201	psig		575	600	559	559	559	559						563	563	564	564	563	564	561	564	564	564	564	564	564	564	564
Final Discharge Pressure	PI-2108	psig		575	600	559	559	559	559						559	559	559	559	559	559	559	559	559	559	559	559	559	559	559
Lube Oil Pressure	PI-1572	psig	40	60		57	57	57	57						57	57	57	57	57	57	57	57	57	57	57	57	57	57	57
Lube Oil Temp	TE-1584	deg		150	170	167	167	167	167						169	160	169	169	169	167	169	169	169	169	169	168	168	168	168
Final Discharge Temp	TE-2120	deg		110	150	69	69	69	69						70	69	70	70	70	70	69	70	70	70	70	70	70	70	70
1st Stage Cylinder Disch. Temperature A	TE-2054 A	deg		226	297	193	193	192	192						200	197	197	196	196	196	196	195	195	195	195	195	195	198	195
2nd Stage Cylinder Disch. Temperature A	TE-2062 A	deg		258	283	195	196	195	195						197	200	200	199	199	199	197	197	197	197	197	197	197	197	197
1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg		226	297	191	190	191	192						198	196	194	194	194	194	194	194	194	194	194	194	193	193	193
2nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg		258	283	196	196	195	195						197	199	199	199	199	199	197	197	197	197	197	197	197	197	197
Motor Frame Vibration	VT-1015	IPS			0.15	.04	.04	.04	.04						.04	.04	.04	.05	.04	.04	.04	.04	.04	.04	.03	.04	.04	.04	.04
Compresser Frame Vibration	VT-1512	IPS			0.35	.01	.05	.01	.01						.05	.05	.05	.06	.05	.03	.05	.05	.06	.06	.04	.05	.05	.05	.05
Take Once per Shift / at Full Load		psig		Max psid		When the differential pressure exceeds Max psid the filter should be changed out. Notify System Engineer																							
Natural Gas Comp.Discharge Press.																	560												
Double Block and Bleed Pressure	A63FGDT	49-48=psid			8												556												
Fuel Gas Supply Pressure	A63FTGST	50-49=psid			20												545												

DATE 1-27-2021

SIGNATURE

Mid Shift Bob Stoz

Days Shift

Notes

Utilities and Institutional Facilities

Date: 1-28-2021

(MST) MDT (circle one)

Time Gas Introduced (Turbine Rolling):

Time of Turbine Online (Brkr Closed):

Time Turbine Offline (Brkr Open):

Time No Gas Flow:

Notes:

CGTG HOURLY READING LOG

	Instrument Air Compressor	LD	Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Blowdown Dry Receiver Tank Hourly	BVT-015	√				√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
2	Blowdown Wet Receiver Tank Hourly	BVT-007	√				√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
3	Wet Receiver Air Pressure	PI-002	psig	90	105	120	110	109	107	110	110	107	106	112	106	110	108	106	106	110	105	108	112	110	111	107	110	109	110	106
4	Instrument Temperature	TI-001	deg C		23	50	12	12	12	12	12	12	10	11	12	14	16	16	17	17	18	18	17	16	14	14	14	14	14	14
5	Fin Fan Cooler		Units	Low	Norm	Max																								
6	Coolant Pressure	PI-250	psig		25		19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
7	Coolant PLC Temperature	TI-002	deg F	100	110	120	102	108	100	104	102	100	107	108	111	112	112	111	91	106	109	109	105	102	100	107	100	101	94	105
8	Sight glass Level Expansion Tank	LI-001	LEVEL	1/3	2/3	FULL	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
9	Coolant Return Differential from GS	PI-001	in WC		50	80	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
10	Coolant Return Differential from	PI-002	in WC		37	50	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	30	35	35	30	35
11	Control Room		Units	Low	Norm	Max																								
12	Room Temperature		deg F		72	85	69	69	69	70	69	70	70	70	70	69	68	68	68	69	70	70	70	70	70	70	70	70	70	70
15	WECC Log		Operations?																											
16	Operation of PSS/on at 6.5MW		Yes (Y)			No (N)	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	H	N	N	N	H	H
17	Operation of AVR Voltage Mode @ 13.6 KV		Yes (Y)			No (N)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
	Entronic Control System		Units	Low	Norm	Max																								
	(18-20 found on Air Diagram page)																													
18	2000 gal Oil Water Tank Level	LI-221	%			75%	68	18	18	18	18	18	18	18	18	18	18	18	18	17	17	17	17	17	17	17	17	17	17	17
19	10 gal gas TG Drain Tank (Air Diagram page)	LI-230	%			70%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Record on hard S/D trip over 4500 rpm NL Compressor (on line trip)	ASSGD ST-01	psig	35	20																									
21	Acknowledge Alarms Hourly		√				√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
	(22-24 found on Power Management page)																													
22	Generator Current		Amps			1427	992	998	993	995	992	996	996	998	1034	1037	1027	994	987	990	994	994	988	999	996	994	992	989	988	991
23	Mw Output		MW			77	23.5	23.5	23.4	23.8	23.5	23.5	23.5	23.6	24.5	24.6	24.3	23.6	23.5	23.4	23.6	23.6	23.4	23.7	23.6	23.6	23.6	23.4	23.6	23.4
24	80% Base Load Minimum		MW				21.8	21.8	21.8	21.7	21.7	21.8	21.6	21.5	21.8	21.0	20.8	20.7	20.2	20.5	20.6	20.3	20.6	20.8	21.1	21.1	21.1	21.1	21.1	21.2
25	Running Hours (unit overview)						5793	5794	5795	5796	5797	5798	5799	5800	5801	5802	5803	5804	5805	5806	5807	5808	5809	5810	5811	5812	5813	5814	5815	5816
26	Ambient Temperature	T1 Inlet					24.4	24.5	24.8	25.2	25.9	26.0	27.5	28.6	29.5	33.8	36.0	37.2	42.4	39.6	37.9	42.3	37.9	34.2	32.7	32.9	32.4	32.2	32.2	31.5
	(27-28 found on Gas Fuel System page)																													
27	Waste Oil Tank	LI-120	%			70%	61	61	61	61	61	61	62	61	61	61	60	60	60	60	61	61	61	64	61	61	61	61	62	62
28	Total Fuel Flow		Mscf/h																											

Date: 1-28-2021 Signature: MIDS Bob Avey

CGTG TURBINE

UTILITIES AND INFRASTRUCTURE

Natural Gas Compressor		Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
GAS COMPRESSOR START TIME																													
Combustible Gas Detector	AAH-303	%		0%	20%																								
Packing Lube Oil Flow Indicator Left Side	FSL-1501B	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
Liquid Level Coalescing	LI-7721	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Crankcase Bulls eye	LC-1574	LEVEL	1/4	1/2	FULL	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
Oil Day Tank Level	LI-1562	GAL	10		FULL	40	40	40	40	39	39	39	39	39	39	39	39	39	39	39	38	38	38	38	38	38	38	38	38
Lubricator Bulls eye		LEVEL	1/2	FULL		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
1st Stage Scrubber Liquid Level	LI-7416	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
2nd Stage Scrubber Liquid Level	LI-7466	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Packing Lube Oil Flow Indicator Right Side	FSL-1501A	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
1st Stage Inlet Press.	PI-2100	psig		88	140	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82
Stage Disch. Press	PI-2101	psig		238	285	249	249	249	249	249	249	250	250	249	249	249	249	250	250	250	251	251	251	250	249	249	249	249	249
2nd Stage Inlet Press	PI-2200	psig		267	285	246	246	246	246	246	246	246	246	245	244	245	245	246	246	246	247	247	246	246	246	246	246	246	246
2nd Stage Disch. Press	PI-2201	psig		575	600	564	564	564	564	564	564	564	564	564	564	564	564	563	564	564	564	564	564	564	564	564	564	564	564
Final Discharge Pressure	PI-2108	psig		575	600	559	559	559	559	559	559	559	560	559	559	560	560	559	559	559	559	559	559	559	559	559	559	559	559
Lube Oil Pressure	PI-1572	psig	40	60		57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57
Lube Oil Temp	TE-1584	deg		150	170	162	168	168	169	168	168	169	169	169	169	169	170	169	169	169	169	169	169	169	169	169	169	169	169
Final Discharge Temp	TE-2120	deg		110	150	70	70	70	70	70	70	70	70	70	70	73	72	75	77	73	77	75	75	73	72	71	71	71	71
1st Stage Cylinder Disch. Temperature A	TE-2054 A	deg		226	297	195	195	195	196	196	196	194	194	194	195	196	196	196	198	197	198	197	197	196	195	196	196	196	196
2nd Stage Cylinder Disch. Temperature A	TE-2062 A	deg		258	283	197	197	197	197	197	197	197	197	196	197	199	200	205	208	201	203	202	203	201	206	200	200	199	198
1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg		226	297	193	193	193	194	194	194	193	193	193	194	195	195	197	196	196	196	196	196	195	195	195	195	195	194
2nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg		258	283	197	197	197	197	197	197	197	197	196	197	199	200	205	205	201	203	202	202	206	200	200	200	199	199
Motor Frame Vibration	VT-1015	IPS			0.15	.04	.04	.04	.04	.05	.04	.04	.05	.05	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.04	.04	.04
Compresser Frame Vibration	VT-1512	IPS			0.35	.05	.06	.0	.05	.06	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.00	.00	.05	.05	.05	.05
Take Once per Shift / at Full Load		psig		Max psid		When the differential pressure exceeds Max psid the filter should be changed out. Notify System Engineer																							
Natural Gas Comp.Discharge Press.													559																
Double Block and Bleed Pressure	A63FGDT	49-48=psid			8								555																
Fuel Gas Supply Pressure	A63FTGST	50-49=psid			20								544																

DATE 1-28-2021

SIGNATURE

Mid Shift Bob Shuey

Days Shift Josh Andrus

Notes

Utilities and Institutional Facilities

7714

Date: 1-29-2021

PST / MDT (circle one)

Time Gas Introduced (Turbine Rolling):

Time of Turbine Online (Brkr Closed):

Time Turbine Offline (Brkr Open):

Time No Gas Flow:

CGTG HOURLY READING LOG

Notes: 50504708

	Instrument Air Compressor	I.D	Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Blowdown Dry Receiver Tank Hourly	BVT-013	√				✓	✓	✓	✓	✓	✓	√	√	√	√	√	√	√	√	√	√	√	√	✓	✓	✓	✓	✓	✓
2	Blowdown Wet Receiver Tank Hourly	BVT-007	√				✓	✓	✓	✓	✓	✓	√	√	√	√	√	√	√	√	√	√	√	√	✓	✓	✓	✓	✓	✓
3	Wet Receiver Air Pressure	PI-002	psig	90	105	120	110	108	108	107	110	108	106	104	106	108	104	107	108	102	106	102	105	101	102	110	101	105	110	112
4	Instrument Temperature	TI-001	deg C		20	50	14	14	14	14	14	14	14	14	16	16	18	18	18	18	20	20	18	18	18	18	18	18	18	18
5	Fin Fan Cooler		Units	Low	Norm	Max																								
6	Coolant Pressure	PI-250	psig		25		19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
7	Coolant PLC Temperature	TI-002	deg F	100	110	120	104	100	107	101	103	106	111	108	101	103	108	100	102	106	101	100	103	100	102	106	109	100	101	105
8	Sight glass Level Expansion Tank	LI-001	LEVEL	1/3	2/3	FULL	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
9	Coolant Return Differential from GG	FI-001	In WC		60	80	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
10	Coolant Return Differential from	FI-002	In WC		37	56	35	35	35	35	28	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
11	Control Room		Units	Low	Norm	Max																								
12	Room Temperature		deg F		72	85	70	70	70	70	70	70	70	70	70	70	70	68	68	69	70	70	70	70	70	70	70	70	70	70
15	WECC Log		Operational?																											
16	Operation of PSS/on at 6.5MW		Yes (Y)			No (N)	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
17	Operation of AVR Voltage Mode @ 13.6 KV		Yes (Y)			No (N)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N
	Entronic Control System		Units	Low	Norm	Max																								
	(18–20 found on Air Diagram page)																													
18	2000 gal Oil Water Tank Level	LI-231	%			70%	17	18	18	18	18	18	18	18	18	18	18	17	17	17	18	18	18	18	18	18	18	18	18	18
19	10 gal gas TG Drain Tank (Air Diagram page)	LI-230	%			70%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Record on hard S/D trip over 4500 rpm NL Compressor (on line trip)	A53GGD ST-01	psig	35	20																									
21	Acknowledge Alarms Hourly		√				✓	✓	✓	✓	✓	✓	√	√	√	√	√	√	√	√	√	√	√	√	✓	✓	✓	✓	✓	✓
	(22–24 found on Power Management page)																													
22	Generator Current		Amps			1427	985	990	991	992	993	987	987	989	988	989	989	985	995	994	993	996	986	990	989	990	994	992	996	994
23	Mw Output		MW			27	23.5	23.5	23.5	23.5	23.5	23.4	23.5	23.4	23.4	23.4	23.4	23.4	23.4	23.5	23.5	23.5	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
24	80% Base Load Minimum		MW				21.3	21.3	21.3	21.3	21.3	21.2	21.2	21	20.8	20.8	20.3	20.2	20.3	20.2	20.2	20.2	20.3	20.3	20.3	20.4	20.4	20.4	20.4	20.4
25	Running Hours (unit overview)						5817	5818	5819	5820	5821	5822	5823	5824	5825	5826	5827	5828	5829	5830	5831	5832	5833	5834	5835	5836	5837	5838	5839	5840
26	Ambient Temperature	T1 Inlet					31.2	30.2	30.4	30.4	30.4	30.9	31.8	33.4	35.8	36	41.4	43.3	42.3	42.9	43.5	43.1	41.4	41	40	40	40	38	38	38
	(27–28 found on Gas Fuel System page)																													
27	Waste Oil Tank	LI-120	%			70%	62	62	62	62	62	62	62	61	61	61	61	60	61	61	61	61	61	61	61	61	61	61	61	61
28	Total Fuel Flow		Mscf/h																											

Date: 1-29-2021 Signature: BL Avey (MIDS) A Wan (Day)

CGTG TURBINE

UTILITIES AND INFRASTRUCTURE

Natural Gas Compressor		Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
GAS COMPRESSOR START TIME																													
Combustible Gas Detector	AAH-303	%		0%	20%																								
Packing Lube Oil Flow Indicator Left Side	FSL-1501B	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B	B	B		B	B	B	B	B	B	B	B	B	B
Liquid Level Coalescing	LI-7721	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E		E	E	E	E	E	E	E	E	E	E
Crankcase Bulls eye	LC-1574	LEVEL	1/4	1/2	FULL	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
Oil Day Tank Level	LI-1562	GAL	10		FULL	38	38	38	38	37	37	35	35	35	35	35	35	35		35	35	35	35	35	35	35	34	34	34
Lubricator Bulls eye		LEVEL	1/2	FULL		F	F	F	F	F	F	F	F	F	F	F	F	F		F	F	F	F	F	F	F	F	F	F
1st Stage Scrubber Liquid Level	LI-7416	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E		E	E	E	E	E	E	E	E	E	E
2nd Stage Scrubber Liquid Level	LI-7466	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E		E	E	E	E	E	E	E	E	E	E
Packing Lube Oil Flow Indicator Right Side	FSL-1501A	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B	B	B		B	B	B	B	B	B	B	B	B	B
1st Stage Inlet Press.	PI-2100	psig		88	140	82	82	82	82	82	82	82	82	82	82	82	82	82		82	82	82	82	82	82	82	83	83	83
Stage Disch. Press	PI-2101	psig		238	285	249	249	249	249	249	249	250	250	250	250	250	251	251		251	251	251	251	251	251	251	250	250	251
2nd Stage Inlet Press	PI-2200	psig		267	285	246	246	246	246	246	246	246	246	245	245	245	247	247		247	247	248	247	247	248	248	248	248	248
2nd Stage Disch. Press	PI-2201	psig		575	600	564	564	564	564	564	564	564	564	564	564	564	564	564		564	564	564	564	564	564	565	565	565	565
Final Discharge Pressure	PI-2108	psig		575	600	559	559	559	559	559	559	560	560	559	559	559	560	560		560	560	559	559	560	560	560	560	560	560
Lube Oil Pressure	PI-1572	psig	40	60		57	57	57	57	57	57	57	57	57	57	57	57	57		58	58	57	57	58	58	58	58	59	58
Lube Oil Temp	TE-1584	deg		150	170	169	169	169	169	169	169	169	169	169	169	170	170	170		168	168	169	169	169	169	169	169	168	169
Final Discharge Temp	TE-2120	deg		110	150	71	71	70	70	70	70	69	69	72	72	73	79	79		81	81	79	79	79	79	80	80	80	80
1st Stage Cylinder Disch. Temperature A	TE-2054 A	deg		226	297	196	196	196	196	196	196	195	195	196	196	198	199	200		199	199	198	197	198	198	198	198	199	198
2nd Stage Cylinder Disch. Temperature A	TE-2062 A	deg		258	283	198	198	198	198	198	198	197	197	199	199	200	207	207		207	207	206	206	205	207	205	205	207	207
1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg		226	297	194	195	195	195	195	195	194	194	195	195	196	197	197		197	197	196	195	195	195	196	196	196	197
2nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg		258	283	199	199	198	198	198	198	197	197	199	199	200	207	207		207	207	206	206	205	205	204	204	204	205
Motor Frame Vibration	VT-1015	IPS			0.15	.04	.04	.04	.04	.05	.04	.04	.04	.04	.04	.04	.04	.04		.04	.04	.04	.04	.04	.04	.04	.04	.04	.04
Compresser Frame Vibration	VT-1512	IPS			0.35	.05	.05	.05	.05	.05	.01	.05	.05	.05	.05	.05	.25	.05	↓	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05
Take Once per Shift / at Full Load		psig		Max psid		When the differential pressure exceeds Max psid the filter should be changed out. Notify System Engineer																							
Natural Gas Comp.Discharge Press.																													
Double Block and Bleed Pressure	A63FGDT	49-48=psid			8																								
Fuel Gas Supply Pressure	A63FTGST	50-49=psid			20									543															

Unable to Record readings
Due to System test @ 1400 hrs

DATE 1-29-2021

SIGNATURE

Mid Shift Bob Avey

Days Shift Adam

Notes

Utilities and Institutional Facilities

Date: JAN 30 2021

(PST) MDT (circle one)

Time Gas Introduced (Turbine Rolling):

Time of Turbine Online (Enter Closed):

Time Turbine Offline (Enter Open):

Time No Gas Flow:

CGTG HOURLY READING LOG

Notes: PSS UNAVAILABLE
DEMISTER OFF

	Instrument Air Compressor	I.D	Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Blowdown Dry Receiver Tank Hourly	BVT-019	√				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	Blowdown Wet Receiver Tank Hourly	BVT-007	√				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	Wet Receiver Air Pressure	PI-002	psig	90	105	120	100	108	110	101	108	100	104	110	107	115	108	106	107	109	106	107	104	108	110	100	111	108	112	100
4	Instrument Temperature	TI-001	deg C		23	58	16	16	16	16	16	16	16	12	14	16	16	16	16	16	16	18	18	16	16	16	16	14	14	14
5	Fin Fan Cooler		Units	Low	Norm	Max																								
6	Coolant Pressure	PI-250	psig		25		19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
7	Coolant PLC Temperature	TI-002	deg F	100	110	120	102	100	98	104	106	10[illegible]	104	101	104	97	101	104	101	104	100	104	100	98	101	98	106	100	98	106
8	Sight glass Level Expansion Tank	LI-001	LEVEL	1/3	2/3	FULL	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½
9	Coolant Return Differential from GG	PI-001	in W/C		60	80	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
10	Coolant Return Differential from	PI-002	in W/C		37	56	35	35	35	35	35	35	35	35	35	35	35	35	36	36	36	36	35	35	35	35	35	35	35	35
11	Control Room		Units	Low	Norm	Max																								
12	Room Temperature		deg F		72	85	70	70	70	70	70	70	70	69	69	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70
15	WECC Log		Operational?																											
16	Operation of PSS/on at 6.5MW		Yes (Y)			No (N)	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
17	Operation of AVR Voltage Mode @ 13.6 KV		Yes (Y)			No (N)	Y	Y	Y	[illegible]	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
	Entronic Control System		Units	Low	Norm	Max																								
	(18–20 found on Air Diagram page)																													
18	2000 gal Oil Water Tank Level	LI-251	%			70%	17	17	17	17	17	17	18	18	18	18	18	18	17	17	17	17	17	17	17	17	17	17	17	17
19	10 gal gas TG Drain Tank (Air Diagram page)	LI-230	%			70%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Record on hard S/D trip over 4500 rpm NL Compressor (on line trip)	A53GGD ST-01	psig	35	20																									
21	Acknowledge Alarms Hourly		√				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	(22–24 found on Power Management page)																													
22	Generator Current		Amps			1427	998	991	994	997	994	996	992	996	995	998	987	985	997	997	987	994	996	994	993	999	996	989	991	994
23	Mw Output		MW			27	23.5	23.5	23.5	23.5	23.5	23.5	23.4	23.5	23.5	23.6	23.4	23.4	23.6	23.5	23.4	23.5	23.5	23.5	23.5	23.6	23.6	23.6	23.6	23.6
24	80% Base Load Minimum		MW				21.2	21.2	21.2	21.5	21.5	21.6	21.5	21.4	21.4	21.1	20.9	20.8	20.8	20.5	20.4	20.4	20.4	20.4	20.4	21.2	21.2	21.2	21.2	21.2
25	Running Hours (unit overview)						5841	5842	5843	5844	5845	5846	5847	5848	5849	5850	5851	5852	5853	5854	5855	5856	5857	5858	5859	5860	5861	5862	5863	5864
26	Ambient Temperature	T1 Inlet					31	31	30	28	27	26	27.7	29.7	30.4	32.7	34	35.4	36.3	38.7	39.7	39.9	40.2	38.7	37	33	30	30	30	30
	(27–28 found on Gas Fuel System page)																													
27	Waste Oil Tank	LI-120	%			70%	62	62	62	62	62	62	62	61	61	60	60	60	59	59	61	61	61	61	61	61	61	61	61	61
28	Total Fuel Flow		Mscf/h																											

Date: JAN 30 2021 Signature: [signature]

CGTG TURBINE

UTILITIES AND INFRASTRUCTURE

Natural Gas Compressor		Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
GAS COMPRESSOR START TIME																													
Combustible Gas Detector	AAH-303	%		0%	20%																								
Packing Lube Oil Flow Indicator Left Side	FSL-1501B	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
Liquid Level Coalescing	LI-7721	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Crankcase Bulls eye	LC-1574	LEVEL	1/4	1/2	FULL	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½
Oil Day Tank Level	LI-1562	GAL	10		FULL	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	32	32	32	32	32	32	32	32	32
Lubricator Bulls eye		LEVEL	1/2	FULL		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
1st Stage Scrubber Liquid Level	LI-7416	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
2nd Stage Scrubber Liquid Level	LI-7466	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Packing Lube Oil Flow Indicator Right Side	FSL-1501A	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
1st Stage Inlet Press.	PI-2100	psig		88	140	83	83	82	82	82	83	82	82	82	87	87	83	88	87	89	89	82	82	82	83	82	82	83	88
Stage Disch. Press	PI-2101	psig		238	285	251	251	250	250	250	251	251	250	250	250	250	250	249	249	249	251	251	251	250	250	251	251	250	250
2nd Stage Inlet Press	PI-2200	psig		267	285	248	248	247	247	247	248	248	246	246	246	246	246	245	245	245	247	247	247	245	246	247	247	246	247
2nd Stage Disch. Press	PI-2201	psig		575	600	565	564	564	564	565	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564
Final Discharge Pressure	PI-2108	psig		575	600	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560	560
Lube Oil Pressure	PI-1572	psig	40	60		58	58	59	59	59	58	58	57	57	57	57	57	57	57	57	57	57	57	57	58	58	57	57	58
Lube Oil Temp	TE-1584	deg		150	170	169	169	170	170	169	169	169	168	169	168	169	169	170	170	170	170	170	168	168	169	170	170	171	170
Final Discharge Temp	TE-2120	deg		110	150	80	82	83	83	82	82	81	70	71	70	70	71	72	72	72	73	73	72	73	72	72	70	70	72
1st Stage Cylinder Disch. Temperature A	TE-2054 A	deg		226	297	198	198	197	197	197	198	197	193	194	194	194	194	197	198	198	198	198	198	198	198	196	196	196	195
2nd Stage Cylinder Disch. Temperature A	TE-2062 A	deg		258	283	205	205	204	204	204	203	203	195	195	198	198	198	201	202	202	200	200	200	200	201	200	200	198	197
1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg		226	297	196	197	197	196	196	194	194	191	191	191	191	193	195	196	198	195	195	195	196	197	197	197	197	197
2nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg		258	283	204	204	202	202	204	204	204	195	196	197	197	198	201	202	202	200	200	200	200	201	200	198	198	199
Motor Frame Vibration	VT-1015	IPS			0.15	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04
Compresser Frame Vibration	VT-1512	IPS			0.35	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05
Take Once per Shift / at Full Load		psig		Max psid		When the differential pressure exceeds Max psid the filter should be changed out. Notify System Engineer																							
Natural Gas Comp.Discharge Press.																													
Double Block and Bleed Pressure	A63FGDT	49-48=psid			8																								
Fuel Gas Supply Pressure	A63FTGST	50-49=psid			20																								

DATE	JAN 30 2021
SIGNATURE	
Mid Shift	
Days Shift	

1157638

Notes

Date: JAN 31 2021

(MST) / MDT (circle one)

Time Gas Introduced (Turbine Rolling):

Time of Turbine Online (Brkr Closed):

Time Turbine Offline (Brkr Open):

Time No Gas Flow:

Notes: PSS UNAVAILABLE
DEMISTER OFF.

CSTG HOURLY READING LOG

	Instrument Air Compressor	I.D	Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Blowdown Dry Receiver Tank Hourly	BVT-018	√				✓	✓	✓	✓	✓	✓	✓	✓	✓															
2	Blowdown Wet Receiver Tank Hourly	BVT-007	√				✓	✓	✓	✓	✓	✓	✓	✓	✓															
3	Wet Receiver Air Pressure	PI-002	psig	90	105	120	108	100	110	102	100	112	110	114	108															
4	Instrument Temperature	TI-001	deg C		20	50	14	14	14	14	14	14	12	12	12															
5	Fin Fan Cooler		Units	Low	Norm	Max																								
6	Coolant Pressure	PI-250	psig		25		19	19	19	19	19	19	19	19	19															
7	Coolant PLC Temperature	TI-002	deg F	100	110	120	100	98	102	106	99	101	105	109	106															
8	Sight glass Level Expansion Tank	LI-001	LEVEL	1/3	2/3	FULL	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2															
9	Coolant Return Differential from GG	PI-001	in WC		60	80	60	60	60	60	60	60	60	60	60															
10	Coolant Return Differential from	PI-002	in WC		57	50	35	35	35	35	35	35	35	35	35															
11	Control Room		Units	Low	Norm	Max																								
12	Room Temperature		deg F		72	85	70	70	70	70	70	70	70	70	70															
15	WECC Log		Operational?																											
16	Operation of PSS/on at 6.5MW		Yes (Y)			No (N)	N	N	N	N	N	N	N	N	N															
17	Operation of AVR Voltage Mode @ 13.6 KV		Yes (Y)			No (N)	Y	Y	Y	Y	Y	Y	Y	Y	Y															
	Entronic Control System		Units	Low	Norm	Max																								
	(18-20 found on Air Diagram page)																													
18	2000 gal GG Water Tank Level	LI-221	%			70%	18	18	18	18	18	18	18	18	18															
19	10 gal gas TC Drain Tank (Air Diagram page)	LI-220	%			70%	0	0	0	0	0	0	0	0	0															
20	Record on hard S/D trip over 4500 rpm NL Compressor (on line trip)	AGBGD ST-01	psig	35	29																									
21	Acknowledge Alarms Hourly		√				✓	✓	✓	✓	✓	✓	✓	✓	✓															
	(22-24 found on Power Management page)																													
22	Generator Current		Amps			1427	997	999	1006	1003	999	997	998	995	998															
23	Mw Output		MW			27	23.6	23.6	23.6	23.6	23.6	23.6	23.5	23.5	23.6															
24	80% Base Load Minimum		MW				21.5	21.5	21.5	21.5	21.5	21.5	21.6	21.6	21.3															
25	Running Hours (unit overview)						5865	5866	5867	5868	5869	5870	5871	5872	5873															
26	Ambient Temperature	T1 Inlet					28	28	28	28	28	28	27.6	27.3	30.4															
	(27-28 found on Gas Fuel System page)																													
27	Waste Oil Tank	LI-120	%			70%	62	62	62	62	62	62	62	62	62															
28	Total Fuel Flow		Mcf/h																											

Date: JAN 31 2021 Signature:

CGTG TURBINE

UTILITIES AND INFRASTRUCTURE

Natural Gas Compressor		Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
GAS COMPRESSOR START TIME																													
Combustible Gas Detector	AAH-303	%		0%	20%																								
Packing Lube Oil Flow Indicator Left Side	FSL-1501B	LIGHT		BLINK		B	B	B	B	B	B	B	B	B															
Liquid Level Coalescing	LI-7721	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E															
Crankcase Bulls eye	LC-1574	LEVEL	1/4	1/2	FULL	½	½	½	½	½	½	½	½	½															
Oil Day Tank Level	LI-1562	GAL	10		FULL	32	32	32	32	32	32	31	31	31															
Lubricator Bulls eye		LEVEL	1/2	FULL		F	F	F	F	F	F	F	F	F															
1st Stage Scrubber Liquid Level	LI-7416	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E															
2nd Stage Scrubber Liquid Level	LI-7466	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E															
Packing Lube Oil Flow Indicator Right Side	FSL-1501A	LIGHT		BLINK		B	B	B	B	B	B	B	B	B															
1st Stage Inlet Press.	PI-2100	psig		88	140	82	82	83	83	82	82	82	82	82															
Stage Disch. Press	PI-2101	psig		238	285	251	251	250	250	250	248	249	250	250															
2nd Stage Inlet Press	PI-2200	psig		267	285	247	247	248	247	247	248	247	246	246															
2nd Stage Disch. Press	PI-2201	psig		575	600	564	564	565	565	564	564	563	563	563															
Final Discharge Pressure	PI-2108	psig		575	600	560	560	560	560	560	560	559	559	559															
Lube Oil Pressure	PI-1572	psig	40	60		57	57	58	58	58	58	57	57	58															
Lube Oil Temp	TE-1584	deg		150	170	170	170	170	169	169	170	169	168	168															
Final Discharge Temp	TE-2120	deg		110	150	70	70	70	70	69	69	69	69	70															
1st Stage Cylinder Disch. Temperature A	TE-2054 A	deg		226	297	195	195	196	196	196	197	195	194	194															
2nd Stage Cylinder Disch. Temperature A	TE-2062 A	deg		258	283	197	197	197	198	198	197	196	196	196															
1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg		226	297	193	193	195	195	195	196	194	193	194															
2nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg		258	283	198	198	199	198	198	197	196	196	196															
Motor Frame Vibration	VT-1015	IPS			0.15	.04	.04	.04	.04	.04	.04	.04	.04	.04															
Compresser Frame Vibration	VT-1512	IPS			0.35	.05	.05	.05	.05	.05	.05	.05	.05	.05															
Take Once per Shift / at Full Load		psig		Max psid		When the differential pressure exceeds Max psid the filter should be changed out. Notify System Engineer																							
Natural Gas Comp.Discharge Press.																													
Double Block and Bleed Pressure	A63FGDT	49-48=psid			8																								
Fuel Gas Supply Pressure	A63FTGST	50-49=psid			20																								

DATE	JAN 31 2021
SIGNATURE	
Mid Shift	
Days Shift	

Notes

CGTG TURBINE

UTILITIES AND INFRASTRUCTURE

Natural Gas Compressor		Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
GAS COMPRESSOR START TIME	1524																												
Combustible Gas Detector	AAH-303	%		0%	20%																								
Packing Lube Oil Flow Indicator Left Side	FSL-1501B	LIGHT		BLINK																									
Liquid Level Coalescing	LI-7721	LIQID		EMPTY	ANY																								
Crankcase Bulls eye	LC-1574	LEVEL	1/4	1/2	FULL																								
Oil Day Tank Level	LI-1562	GAL	10		FULL																								
Lubricator Bulls eye		LEVEL	1/2	FULL																									
1st Stage Scrubber Liquid Level	LI-7416	LIQID		EMPTY	ANY																								
2nd Stage Scrubber Liquid Level	LI-7466	LIQID		EMPTY	ANY																								
Packing Lube Oil Flow Indicator Right Side	FSL-1501A	LIGHT		BLINK																									
1st Stage Inlet Press.	PI-2100	psig		88	140															85									
Stage Disch. Press	PI-2101	psig		238	285															220									
2nd Stage Inlet Press	PI-2200	psig		267	285															215									
2nd Stage Disch. Press	PI-2201	psig		575	600															207									
Final Discharge Pressure	PI-2108	psig		575	600															199									
Lube Oil Pressure	PI-1572	psig	40	60																65									
Lube Oil Temp	TE-1584	deg		150	170															139									
Final Discharge Temp	TE-2120	deg		110	150															54									
1st Stage Cylinder Disch. Temperature A	TE-2054 A	deg		226	297															206									
2nd Stage Cylinder Disch. Temperature A	TE-2062 A	deg		258	283															220									
1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg		226	297															204									
2nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg		258	283															121									
Motor Frame Vibration	VT-1015	IPS			0.15															.04									
Compresser Frame Vibration	VT-1512	IPS			0.35															.06									
Take Once per Shift / at Full Load		psig		Max psid		When the differential pressure exceeds Max psid the filter should be changed out. Notify System Engineer																							
Natural Gas Comp.Discharge Press.																													
Double Block and Bleed Pressure	A63FGDT	49-48=psid			8																								
Fuel Gas Supply Pressure	A63FTGST	50-49=psid			20																								

DATE 2-3-2021

SIGNATURE

Mid Shift

Days Shift Josh Ware

Notes ran compressor for Joe Baughman.

Utilities and Institutional Facilities

Date: 2-26-2021

PST / MDT (circle one)

Time Gas Introduced (Turbine Rolling):

Time of Turbine Online (Brkr Closed): 1420

CGTG HOURLY READING LOG

Time Turbine Offline (Brkr Open):

Time No Gas Flows: 1428

Notes:

	Instrument Air Compressor	I.D	Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Blowdown Dry Receiver Tank Hourly	BVT-018	V																											
2	Blowdown Wet Receiver Tank Hourly	BVT-007	V																											
3	Wet Receiver Air Pressure	PI-002	psig	90	105	120																								
4	Instrument Temperature	TI-001	deg C		20	50																								
5	Fin Fan Cooler		Units	Low	Norm	Max																								
6	Coolant Pressure	PI-250	psig		25																									
7	Coolant PLC Temperature	TI-002	deg F	100	110	120																								
8	Sight glass Level Expansion Tank	LI-001	LEVEL	1/3	2/3	FULL																								
9	Coolant Return Differential from GG	PI-001	in WC		60	80																								
10	Coolant Return Differential from	PI-002	in WC		57	50																								
11	Control Room		Units	Low	Norm	Max																								
12	Room Temperature		deg F		72	85																								
15	WECC Log		Operational?																											
16	Operation of PSS/on at 6.5MW		Yes (Y)			No (N)																								
17	Operation of AVR Voltage Mode @ 13.6 KV		Yes (Y)			No (N)																								
	Entronic Control System		Units	Low	Norm	Max																								
	(18-20 found on Air Diagram page)																													
18	2000 gal Oil Water Tank Level	LI-231	%			70%																								
19	10 gal gas TG Drain Tank (Air Diagram page)	LI-230	%			70%																								
20	Record on hard S/D trip over 4500 rpm NL Compressor (on line trip)	AE93GD ST-01	psig	35	20																									
21	Acknowledge Alarms Hourly		V																											
	(22-24 found on Power Management page)																													
22	Generator Current		Amps			1427																								
23	Mw Output		MW			27																								
24	80% Base Load Minimum		MW																											
25	Running Hours (unit overview)																													
26	Ambient Temperature	TX Inlet																												
	(27-28 found on Gas Fuel System page)																													
27	Waste Oil Tank	LI-120	%			70%																								
28	Total Fuel Flow		Mscf/h																											

Date: 2-26-2021 Signature:

CGTG TURBINE

UTILITIES AND INFRASTRUCTURE

Natural Gas Compressor		Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
GAS COMPRESSOR START TIME	1354																												
Combustible Gas Detector	AAH-303	%		0%	20%																								
Packing Lube Oil Flow Indicator Left Side	FSL-1501B	LIGHT		BLINK																									
Liquid Level Coalescing	LI-7721	LIQID		EMPTY	ANY																								
Crankcase Bulls eye	LC-1574	LEVEL	1/4	1/2	FULL																								
Oil Day Tank Level	LI-1562	GAL	10		FULL																								
Lubricator Bulls eye		LEVEL	1/2	FULL																									
1st Stage Scrubber Liquid Level	LI-7416	LIQID		EMPTY	ANY																								
2nd Stage Scrubber Liquid Level	LI-7466	LIQID		EMPTY	ANY																								
Packing Lube Oil Flow Indicator Right Side	FSL-1501A	LIGHT		BLINK																									
1st Stage Inlet Press.	PI-2100	psig		88	140																								
Stage Disch. Press	PI-2101	psig		238	285																								
2nd Stage Inlet Press	PI-2200	psig		267	285																								
2nd Stage Disch. Press	PI-2201	psig		575	600																								
Final Discharge Pressure	PI-2108	psig		575	600																								
Lube Oil Pressure	PI-1572	psig	40	60																									
Lube Oil Temp	TE-1584	deg		150	170																								
Final Discharge Temp	TE-2120	deg		110	150																								
1st Stage Cylinder Disch. Temperature A	TE-2054 A	deg		226	297																								
2nd Stage Cylinder Disch. Temperature A	TE-2062 A	deg		258	283																								
1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg		226	297																								
2nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg		258	283																								
Motor Frame Vibration	VT-1015	IPS			0.15																								
Compresser Frame Vibration	VT-1512	IPS			0.35																								
Take Once per Shift / at Full Load		psig		Max psid		When the differential pressure exceeds Max psid the filter should be changed out. Notify System Engineer																							
Natural Gas Comp.Discharge Press.																													
Double Block and Bleed Pressure	A63FGDT	49-48=psid			8																								
Fuel Gas Supply Pressure	A63FTGST	50-49=psid			20																								

DATE 2-26-2021

SIGNATURE

Mid Shift

Days Shift [signature]

Notes gas compressor shut down on High DP pressure coalescing filter
High temperature cylinder 3 discharge

CGTG TURBINE

UTILITIES AND INFRASTRUCTURE

Natural Gas Compressor		Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
GAS COMPRESSOR START TIME	1040																												
Combustible Gas Detector	AAH-303	%		0%	20%																								
Packing Lube Oil Flow Indicator Left Side	FSL-1501B	LIGHT		BLINK																									
Liquid Level Coalescing	LI-7721	LIQID		EMPTY	ANY																								
Crankcase Bulls eye	LC-1574	LEVEL	1/4	1/2	FULL																								
Oil Day Tank Level	LI-1562	GAL	10		FULL																								
Lubricator Bulls eye		LEVEL	1/2	FULL																									
1st Stage Scrubber Liquid Level	LI-7416	LIQID		EMPTY	ANY																								
2nd Stage Scrubber Liquid Level	LI-7466	LIQID		EMPTY	ANY																								
Packing Lube Oil Flow Indicator Right Side	FSL-1501A	LIGHT		BLINK																									
1st Stage Inlet Press.	PI-2100	psig		88	140																								
Stage Disch. Press	PI-2101	psig		238	285																								
2nd Stage Inlet Press	PI-2200	psig		267	285																								
2nd Stage Disch. Press	PI-2201	psig		575	600																								
Final Discharge Pressure	PI-2108	psig		575	600																								
Lube Oil Pressure	PI-1572	psig	40	60																									
Lube Oil Temp	TE-1584	deg		150	170																								
Final Discharge Temp	TE-2120	deg		110	150																								
1st Stage Cylinder Disch. Temperature A	TE-2054 A	deg		226	297																								
2nd Stage Cylinder Disch. Temperature A	TE-2062 A	deg		258	283																								
1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg		226	297																								
2nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg		258	283																								
Motor Frame Vibration	VT-1015	IPS			0.15																								
Compresser Frame Vibration	VT-1512	IPS			0.35																								
Take Once per Shift / at Full Load		psig		Max psid	When the differential pressure exceeds Max psid the filter should be changed out. Notify System Engineer																								
Natural Gas Comp.Discharge Press.																													
Double Block and Bleed Pressure	A63FGDT	49-48=psid			8																								
Fuel Gas Supply Pressure	A63FTGST	50-49=psid			20																								

DATE 2-27-2021

SIGNATURE

Mid Shift

Days Shift

Notes 1101

Utilities and Institutional Facilities

Date: 3-1-2021

(MST) / MDT (circle one)

Time Gas Introduced (Turbine Rolling): 0424

Time of Turbine Online (Enter Closed): 0458

Time Turbine Offline (Enter Open): 0804

Time No Gas Flow: 0809

CGTG HOURLY READING LOG

Notes:

	Instrument Air Compressor	ID	Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Blowdown Dry Receiver Tank Hourly	BVT-012	V									V	V																	
2	Blowdown Wet Receiver Tank Hourly	BVT-037	V									V	V																	
3	Wet Receiver Air Pressure	PI-002	psig	93	105	120						109	108																	
4	Instrument Temperature	TI-001	deg C		28	50						10	10																	
5	Fin Fan Cooler		Units	Low	Norm	Max																								
6	Coolant Pressure	PI-250	psig		25																									
7	Coolant PLC Temperature	TI-002	deg F	100	110	120						18	18																	
8	Sight glass Level Expansion Tank	LI-001	LEVEL	1/3	2/3	FULL						111	109																	
9	Coolant Return Differential from GG	PI-001	in WC		60	80						1/2	1/2																	
10	Coolant Return Differential from	PI-002	in WC		57	58						58	60																	
11	Control Room		Units	Low	Norm	Max						34	34																	
12	Room Temperature		deg F		72	85																								
15	WECC Log		Operational?									69																		
16	Operation of PSS/on at 6.5MW		Yes (Y)			No (N)																								
17	Operation of AVR Voltage Mode @ 13.6 KV		Yes (Y)			No (N)																								
	Entronic Control System		Units	Low	Norm	Max																								
	(18-20 found on Air Diagram page)																													
18	2000 gal Oil Water Tank Level	LI-231	%			70%						18	18																	
19	10 gal gas TG Drain Tank (Air Diagram page)	LI-230	%			70%						0	0																	
20	Record on hard S/D trip over 4500 rpm NL Compressor (on line trip)	AEBGGD ST-01	psig	25	29																									
21	Acknowledge Alarms Hourly		V																											
	(22-24 found on Power Management page)																													
22	Generator Current		Amps			1427						1102	997																	
23	Mw Output		MW			27						26.2	23.5																	
24	80% Base Load Minimum		MW									21.8	21.8																	
25	Running Hours (unit overview)											5375	5876																	
26	Ambient Temperature	T1 Inlet										22.3	20.8																	
	(27-28 found on Gas Fuel System page)																													
27	Waste Oil Tank	LI-120	%			70%																								
28	Total Fuel Flow		Mscf/h									44	44																	

Date: 3-1-2021 Signature: Bob Troy

CGTG TURBINE

UTILITIES AND INFRASTRUCTURE

Natural Gas Compressor		Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
GAS COMPRESSOR START TIME	0950																												
Combustible Gas Detector	AAH-303	%		0%	20%																								
Packing Lube Oil Flow Indicator Left Side	FSL-1501B	LIGHT		BLINK							B																		
Liquid Level Coalescing	LI-7721	LIQID		EMPTY	ANY						E																		
Crankcase Bulls eye	LC-1574	LEVEL	1/4	1/2	FULL						1/2																		
Oil Day Tank Level	LI-1562	GAL	10		FULL						30																		
Lubricator Bulls eye		LEVEL	1/2	FULL							F																		
1st Stage Scrubber Liquid Level	LI-7416	LIQID		EMPTY	ANY						E																		
2nd Stage Scrubber Liquid Level	LI-7466	LIQID		EMPTY	ANY						E																		
Packing Lube Oil Flow Indicator Right Side	FSL-1501A	LIGHT		BLINK							B																		
1st Stage Inlet Press.	PI-2100	psig		88	140						72																		
Stage Disch. Press	PI-2101	psig		238	285						247																		
2nd Stage Inlet Press	PI-2200	psig		267	285						243																		
2nd Stage Disch. Press	PI-2201	psig		575	600						565																		
Final Discharge Pressure	PI-2108	psig		575	600						570																		
Lube Oil Pressure	PI-1572	psig	40	60							56																		
Lube Oil Temp	TE-1584	deg		150	170						170																		
Final Discharge Temp	TE-2120	deg		110	150						96																		
1st Stage Cylinder Disch. Temperature A	TE-2054 A	deg		226	297						197																		
2nd Stage Cylinder Disch. Temperature A	TE-2062 A	deg		258	283						197																		
1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg		226	297						194																		
2nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg		258	283						197																		
Motor Frame Vibration	VT-1015	IPS			0.15						.04																		
Compresser Frame Vibration	VT-1512	IPS			0.35						.05																		
Take Once per Shift / at Full Load		psig		Max psid		When the differential pressure exceeds Max psid the filter should be changed out. Notify System Engineer																							
Natural Gas Comp.Discharge Press.																													
Double Block and Bleed Pressure	A63FGDT	49-48=psid			8																								
Fuel Gas Supply Pressure	A63FTGST	50-49=psid			20																								

DATE 3-1-2021

SIGNATURE

Mid Shift Bob Hay

Days Shift

Notes

Utilities and Institutional Facilities

CGTG HOURLY READING LOG

Date: 3-19-21

MST / MDT (circle one)

Time Gas Introduced (Turbine Rolling): 918

Time of Turbine Online (Brkr Closed):

Time Turbine Offline (Brkr Open):

Time No Gas Flow: 1055

Notes: TURBINE CANCELLED DO TO GAS COMP SHUTDOWN. NO GAS FLOW

	Instrument Air Compressor	I.D	Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Blowdown Dry Receiver Tank Hourly	BVT-013	√																											
2	Blowdown Wet Receiver Tank Hourly	BVT-007	√																											
3	Wet Receiver Air Pressure	PI-002	psig	90	105	120																								
4	Instrument Temperature	TI-001	deg C		20	50																								
5	Fin Fan Cooler		Units	Low	Norm	Max																								
6	Coolant Pressure	PI-250	psig		25																									
7	Coolant PLC Temperature	TI-002	deg F	100	110	120																								
8	Sight glass Level Expansion Tank	LI-001	LEVEL	1/3	2/3	FULL																								
9	Coolant Return Differential from GG	PI-001	In WC		60	80																								
10	Coolant Return Differential from	PI-002	In WC		37	50																								
11	Control Room		Units	Low	Norm	Max																								
12	Room Temperature		deg F		72	85																								
15	WECC Log		Operational?																											
16	Operation of PSS/on at 6.5MW		Yes (Y)			No (N)																								
17	Operation of AVR Voltage Mode @ 13.6 KV		Yes (Y)			No (N)																								
	Entronic Control System		Units	Low	Norm	Max																								
	(18-20 found on Air Diagram page)																													
18	2000 gal Oil Water Tank Level	LI-231	%			70%																								
19	10 gal gas TG Drain Tank (Air Diagram page)	LI-230	%			70%																								
20	Record on hard S/D trip over 4500 rpm NL Compressor (on line trip)	A69GGD ST-01	psig	35	20																									
21	Acknowledge Alarms Hourly		√																											
	(22-24 found on Power Management page)																													
22	Generator Current		Amps			1427																								
23	Mw Output		MW			27																								
24	80% Base Load Minimum		MW																											
25	Running Hours (unit overview)																													
26	Ambient Temperature	T1 Inlet																												
	(27-28 found on Gas Fuel System page)																													
27	Waste Oil Tank	LI-120	%			70%																								
28	Total Fuel Flow		Mscf/h																											

Date: 3-19-21

Signature: [signature]

CGTG TURBINE

UTILITIES AND INFRASTRUCTURE

Natural Gas Compressor		Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
GAS COMPRESSOR START TIME	0945																												
Combustible Gas Detector	AAH-303	%		0%	20%																								
Packing Lube Oil Flow Indicator Left Side	FSL-1501B	LIGHT		BLINK																									
Liquid Level Coalescing	LI-7721	LIQID		EMPTY	ANY																								
Crankcase Bulls eye	LC-1574	LEVEL	1/4	1/2	FULL																								
Oil Day Tank Level	LI-1562	GAL	10		FULL																								
Lubricator Bulls eye		LEVEL	1/2	FULL																									
1st Stage Scrubber Liquid Level	LI-7416	LIQID		EMPTY	ANY																								
2nd Stage Scrubber Liquid Level	LI-7466	LIQID		EMPTY	ANY																								
Packing Lube Oil Flow Indicator Right Side	FSL-1501A	LIGHT		BLINK																									
1st Stage Inlet Press.	PI-2100	psig		88	140																								
Stage Disch. Press	PI-2101	psig		238	285																								
2nd Stage Inlet Press	PI-2200	psig		267	285																								
2nd Stage Disch. Press	PI-2201	psig		575	600																								
Final Discharge Pressure	PI-2108	psig		575	600																								
Lube Oil Pressure	PI-1572	psig	40	60																									
Lube Oil Temp	TE-1584	deg		150	170																								
Final Discharge Temp	TE-2120	deg		110	150																								
1st Stage Cylinder Disch. Temperature A	TE-2054 A	deg		226	297																								
2nd Stage Cylinder Disch. Temperature A	TE-2062 A	deg		258	283																								
1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg		226	297																								
2nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg		258	283																								
Motor Frame Vibration	VT-1015	IPS			0.15																								
Compresser Frame Vibration	VT-1512	IPS			0.35																								
Take Once per Shift / at Full Load		psig		Max psid		When the differential pressure exceeds Max psid the filter should be changed out. Notify System Engineer																							
Natural Gas Comp.Discharge Press.																													
Double Block and Bleed Pressure	A63FGDT	49-48=psid			8																								
Fuel Gas Supply Pressure	A63FTGST	50-49=psid			20																								

DATE	3-19-21
SIGNATURE	
Mid Shift	
Days Shift	

Notes COMPRESSOR START
NEEDS REPAIR

Date: 3-22-2021

VBT / VBT (circle one)

Time Gas Introduced (Turbine Rolling): 0909

Time of Turbine Online (Brkr Closed): 0555 / 0953

CGTG HOURLY READING LOG

Time Turbine Offline (Brkr Open):

Time No Gas Flow: 0604

Notes:

	Instrument Air Compressor	LD	Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Blowdown Dry Receiver Tank Hourly	BVT-015	√														√	√	√	√	√	√	√	√	√	√	√	√	√	√
2	Blowdown Wet Receiver Tank Hourly	BVT-007	√														√	√	√	√	√	√	√	√	√	√	√	√	√	√
3	Wet Receiver Air Pressure	PI-002	psig	93	105	120											110	108	108	110	112	106	114	108	108	109	110	109	111	112
4	Instrument Temperature	TI-001	deg C		20	50											19	19	19	18	19	18	19	19	19	19	18	17	17	17
5	Fin Fan Cooler		Units	Low	Norm	Max																								
6	Coolant Pressure	PI-250	psig		25												19	19	19	19	19	19	19	19	19	19	19	19	19	19
7	Coolant PLC Temperature	TI-002	deg F	100	110	120											111	106	107	106	100	106	98	104	101	106	107	102	106	106
8	Sight glass Level Expansion Tank	LI-001	LEVEL	1/3	2/3	FULL											1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
9	Coolant Return Differential from GG	FI-001	In WC		60	80											60	60	62	60	60	60	62	60	60	60	60	60	60	60
10	Coolant Return Differential from	FI-002	In WC		37	50											36	36	35	35	35	35	35	35	34	34	34	34	34	34
11	Control Room		Units	Low	Norm	Max																								
12	Room Temperature		deg F		72	85											71	72	73	73	73	73	75	74	75	75	75	74	74	74
15	WECC Log		Operational?																											
16	Operation of PSS/on at 6.5MW		Yes (Y)			No (N)											√	√	√	√	√	√	√	√	√	√	√	√	√	√
17	Operation of AVR Voltage Mode @ 13.6 KV		Yes (Y)			No (N)																								
	Entronic Control System		Units	Low	Norm	Max																								
	(18-20 found on Air Diagram page)																													
18	2000 gal Oil Water Tank Level	LI-231	%			70%											17	17	17	17	17	17	17	17	17	17	17	17	17	17
19	10 gal gas TG Drain Tank (Air Diagram page)	LI-230	%			70%											0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Record on hard S/D trip over 4500 rpm ML Compressor (on line trip)	AE96CD ST-01	psig	25	28																									
21	Acknowledge Alarms Hourly		√														√	√	√	√	√	√	√	√	√	√	√	√	√	√
	(22-24 found on Power Management page)																													
22	Generator Current		Amps			1427											1016	1020	1015	1005	1009	1008	1010	1007	1012	1017	1008	1011	1010	1012
23	Mw Output		MW			27											24.0	24.1	24.0	23.8	23.9	23.9	24.0	23.6	24.0	24.0	23.9	24.0	24.0	24.0
24	80% Base Load Minimum		MW														20.3	20.3	20.3	20.5	20.1	20.1	20.1	20.1	20.1	20.3	20.4	20.5	20.5	20.5
25	Running Hours (unit overview)																5880	5881	5882	5883	5884	5885	5886	5887	5886	5889	5890	5891	5892	5893
26	Ambient Temperature	T1 Inlet															42.3	42	41	39	44	44	44	44	44	41	40	39	39	39
	(27-28 found on Gas Fuel System page)																													
27	Waste Oil Tank	LI-120	%			70%											45	45	45	45	45	45	46	46	46	46	46	46	46	46
28	Total Fuel Flow		Mscf/h																											

Date: 3-22-2021 Signature: (MIDS) Bob Away

CGTG TURBINE

UTILITIES AND INFRASTRUCTURE

Natural Gas Compressor	0859	Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
GAS COMPRESSOR START TIME	0631																												
Combustible Gas Detector	AAH-303	%		0%	20%											B	B	B	B	B	B	B	B	B	B	B	B	B	B
Packing Lube Oil Flow Indicator Left Side	FSL-1501B	LIGHT		BLINK												E	E	E	E	E	E	E	E	E	E	E	E	E	E
Liquid Level Coalescing	LI-7721	LIQID		EMPTY	ANY											1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
Crankcase Bulls eye	LC-1574	LEVEL	1/4	1/2	FULL											55	55	55	55	55	55	55	55	55	55	55	55	55	55
Oil Day Tank Level	LI-1562	GAL	10		FULL											F	F	F	F	F	F	F	F	F	F	F	F	F	F
Lubricator Bulls eye		LEVEL	1/2	FULL												E	E	E	E	E	E	E	E	E	E	E	E	E	E
1st Stage Scrubber Liquid Level	LI-7416	LIQID		EMPTY	ANY											E	E	E	E	E	E	E	E	E	E	E	E	E	E
2nd Stage Scrubber Liquid Level	LI-7466	LIQID		EMPTY	ANY											E	E	E	E	E	E	E	E	E	E	E	E	E	E
Packing Lube Oil Flow Indicator Right Side	FSL-1501A	LIGHT		BLINK												B	B	B	B	B	B	B	B	B	B	B	B	B	B
1st Stage Inlet Press.	PI-2100	psig		88	140											82	82	82	82	82	82	82	82	82	82	82	82	73	82
Stage Disch. Press	PI-2101	psig		238	285											248	249	248	248	248	249	249	249	251	250	250	250	250	250
2nd Stage Inlet Press	PI-2200	psig		267	285											244	245	244	244	245	245	246	246	247	246	247	247	247	246
2nd Stage Disch. Press	PI-2201	psig		575	600											567	564	561	564	564	564	561	564	564	564	564	564	564	564
Final Discharge Pressure	PI-2108	psig		575	600											551	560	560	560	564	559	560	560	561	560	560	560	560	560
Lube Oil Pressure	PI-1572	psig	40	60												57	57	57	57	57	57	57	57	57	57	57	57	57	57
Lube Oil Temp	TE-1584	deg		150	170											170	170	170	171	170	170	170	170	170	170	170	170	169	170
Final Discharge Temp	TE-2120	deg		110	150											79	81	79	76	83	82	82	81	81	81	80	78	77	77
1st Stage Cylinder Disch. Temperature A	TE-2054 A	deg		226	297											207	206	205	204	205	205	205	205	204	204	203	202	201	201
2nd Stage Cylinder Disch. Temperature A	TE-2062 A	deg		258	283											209	210	206	204	209	209	209	209	208	207	206	204	203	203
1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg		226	297											206	206	205	203	205	204	205	205	204	204	203	201	201	201
2nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg		258	283											208	210	206	204	209	209	209	209	208	206	206	205	203	203
Motor Frame Vibration	VT-1015	IPS			0.15											.05	.05	.05	.05	.05	.05	.05	.05	.04	.05	.05	.05	.04	.05
Compresser Frame Vibration	VT-1512	IPS			0.35											.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05
Take Once per Shift / at Full Load		psig		Max psid		When the differential pressure exceeds Max psid the filter should be changed out. Notify System Engineer																							
Natural Gas Comp.Discharge Press.																													
Double Block and Bleed Pressure	A63FGDT	49-48=psid			8												560												
Fuel Gas Supply Pressure	A63FTGST	50-49=psid			20												555												
																	543												

DATE 3-22-2021

SIGNATURE

Mid Shift

Days Shift

Notes

Utilities and Institutional Facilities

Date: 3-23-2021

MST / MDT (circle one)

Time Gas Introduced (Turbine Rolling):

Time of Turbine Online (Brkr Closed):

Time Turbine Offline (Brkr Open):

Time No Gas Flow:

Notes:

CGTG HOURLY READING LOG

							1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	Instrument Air Compressor	LD	Units	Low	Norm	Max																								
1	Blowdown Dry Receiver Tank Hourly	BVT-015	V				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓
2	Blowdown Wet Receiver Tank Hourly	BVT-007	V				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓
3	Wet Receiver Air Pressure	PI-002	psig	93	105	123	110	111	106	110	109	109	106	108	110	106	110	112	112	110	114	112	106	110			108	110	106	108
4	Instrument Temperature	TI-001	deg C		20	50	17	17	16	16	15	18	14	16	17	18	20	20	20	20	20	20	20	20			16	15	15	15
5	Fin Fan Cooler		Units	Low	Norm	Max																								
6	Coolant Pressure	PI-250	psig		25		19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19			19	19	19	19
7	Coolant PLC Temperature	TI-002	deg F	100	118	129	104	109	110	106	103	106	102	101	99	107	99	108	111	105	107	104	111	100			107	104	99	109
8	Sight glass Level Expansion Tank	LI-001	LEVEL	1/3	2/3	FULL	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2			1/2	1/2	1/2	1/2
9	Coolant Return Differential from GG	PI-001	In WC		60	80	60	60	60	60	60	60	60	60	60	62	60	60	62	60	60	60	60	60			60	60	60	60
10	Coolant Return Differential from	PI-002	In WC		37	50	34	34	34	34	34	34	35	35	35	36	36	35	35	37	37	35	36	36			37	35	35	35
11	Control Room		Units	Low	Norm	Max																								
12	Room Temperature		deg F		72	85	74	74	74	73	73	73	71	71	70	70	72	72	72	72	72	72	73	72			71	74	74	74
15	WECC Log		Operational?																											
16	Operation of PSS/on at 6.9MW		Yes (Y)			No (N)																								
17	Operation of AVR Voltage Mode @ 13.6 KV		Yes (Y)			No (N)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			Y	Y	Y	Y
	Entronic Control System		Units	Low	Norm	Max																								
	(18–20 found on Air Diagram page)																													
18	2000 gal Oil Water Tank Level	LI-221	%			70%	17	17	17	17	17	17	17	17	17	17	17	17	17	16	16	16	17	16			17	17	17	17
19	10 gal gas TG Drain Tank (Air Diagram page)	LI-230	%			70%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0
20	Record on hard S/D trip over 4500 rpm NL Compressor (on line trip)	AGS60 ST-01	psig	85	20																									
21	Acknowledge Alarms Hourly		V				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓
	(22–24 found on Power Management page)																													
22	Generator Current		Amps			1427	1063	1007	1053	1054	1059	1061	1068	1046	1047	1034	1018	1012	1005	1016	1004	1006	1026	1029			1067	1060	1070	1065
23	Mw Output		MW			27	24.0	23.9	25.0	25.0	25.1	25.2	25.2	24.8	24.7	24.4	24.0	23.9	23.8	24.0	23.8	23.9	24.3	29.3			25.2	25.4	25.4	25.4
24	80% Base Load Minimum		MW				20.5	20.1	20.9	20.9	21.0	21.0	21.1	20.7	20.6	20.3	20.0	19.9	19.9	20.1	20.0	20.0	20.3	20.3			21.0	21.1	21.1	21.2
25	Running Hours (unit overview)						5894	5895	5896	5897	5898	5899	5900	5901	5902	5903	5904	5905	5906	5907	5908	5909	5910	5911			5912	5913	5914	5915
26	Ambient Temperature	T1 Inlet					38	37	35	34	33	33	32	37	37	41	45	46	46	44	46	45	41	41			33	32	32	32
	(27–28 found on Gas Fuel System page)																													
27	Waste Oil Tank	LI-120	%			70%	46	46	46	46	47	47	46	46	46	45	45	44	44	45	45	45	45	46			46	46	47	47
28	Total Fuel Flow		Mscf/h																											

Date: 3-23-2021 Signature: Bob Mauz (MIDS) (day)

CGTG TURBINE

UTILITIES AND INFRASTRUCTURE

Natural Gas Compressor		Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
GAS COMPRESSOR START TIME																													
Combustible Gas Detector	AAH-303	%		0%	20%	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	D	B			B	B	B	B
Packing Lube Oil Flow Indicator Left Side	FSL-1501B	LIGHT		BLINK		E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E			E	E	E	E
Liquid Level Coalescing	LI-7721	LIQID		EMPTY	ANY	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2			1/2	1/2	1/2	1/2
Crankcase Bulls eye	LC-1574	LEVEL	1/4	1/2	FULL	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55			55	55	55	55
Oil Day Tank Level	LI-1562	GAL	10		FULL	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F			F	F	F	F
Lubricator Bulls eye		LEVEL	1/2	FULL		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F			E	E	E	E
1st Stage Scrubber Liquid Level	LI-7416	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E			E	E	E	E
2nd Stage Scrubber Liquid Level	LI-7466	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E			E	E	E	E
Packing Lube Oil Flow Indicator Right Side	FSL-1501A	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B			B	B	B	B
1st Stage Inlet Press.	PI-2100	psig		88	140	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82			82	82	82	82
Stage Disch. Press	PI-2101	psig		238	285	250	250	250	250	249	249	248	249	248	249	250	250	250	251	251	251	250	250			249	248	248	248
2nd Stage Inlet Press	PI-2200	psig		267	285	246	246	246	246	245	245	244	245	244	245	246	246	246	247	247	247	246	246			245	244	244	245
2nd Stage Disch. Press	PI-2201	psig		575	600	564	564	568	569	564	564	564	564	564	564	564	564	564	564	564	564	564	564			564	564	564	565
Final Discharge Pressure	PI-2108	psig		575	600	560	560	560	560	560	560	559	559	559	559	560	560	560	560	559	560	560	560			560	560	560	560
Lube Oil Pressure	PI-1572	psig	40	60		57	57	57	57	57	57	57	57	57	57	58	58	58	58	58	58	57	57			57	57	57	57
Lube Oil Temp	TE-1584	deg		110	150	170	170	169	169	169	169	169	169	169	170	169	169	168	168	167	167	168	168			169	169	169	167
Final Discharge Temp	TE-2120	deg		110	150	77	77	76	76	73	72	70	75	75	79	83	85	86	86	87	84	81	80			73	71	71	70
1st Stage Cylinder Disch. Temperature A	TE-2054 A	deg		226	297	201	201	200	199	200	199	196	199	199	201	202	203	204	204	202	202	201	200			200	197	197	195
2nd Stage Cylinder Disch. Temperature A	TE-2062 A	deg		258	283	203	202	201	201	200	200	197	199	201	204	210	211	213	211	210	209	206	205			199	196	197	199
1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg		226	297	201	201	200	200	199	198	196	197	199	200	201	204	203	201	201	201	200	199			200	198	198	196
2nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg		258	283	203	202	201	201	200	200	197	199	201	204	209	211	212	210	211	209	206	206			199	198	198	196
Motor Frame Vibration	VT-1015	IPS			0.15	.05	.01	.04	.00	.05	.01	.03	.04	.04	.04	.04	.05	.05	.05	.05	.05	.05	.05			.04	.04	.04	.04
Compresser Frame Vibration	VT-1512	IPS			0.35	.01	.05	.05	.01	.05	.01	.05	.05	.05	.05	.05	.05	.05	.06	.05	.05	.05	.05			.05	.01	.01	.01
Take Once per Shift / at Full Load		psig		Max psid		When the differential pressure exceeds Max psid the filter should be changed out. Notify System Engineer																							
Natural Gas Comp.Discharge Press.												560																	
Double Block and Bleed Pressure	A63FGDT	49-48=psid			8							555																	
Fuel Gas Supply Pressure	A63FTGST	50-49=psid			20							542																	

DATE 3-23-2021

SIGNATURE

Mid Shift Bob Lowry

Days Shift Josh Arms

Notes

Date: 3-24-2021

MST / MDT (circle one)

Time Gas Introduced (Turbine Rolling): 1336

Time of Turbine Online (Brkr Closed): 2050

CGTG HOURLY READING LOG

Time Turbine Offline (Brkr Open):

Time No Gas Flow: 1419

Notes: 0333 CGTG Tripped

	Instrument Air Compressor	I.D	Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Blowdown Dry Receiver tank Hourly	BVT-018	√				✓	✓	✓																		✓	✓	✓	✓
2	Blowdown Wet Receiver Tank Hourly	BVT-037	√				✓	✓	✓																		✓	✓	✓	✓
3	Wet Receiver Air Pressure	PI-002	psig	93	105	120	110	108	109																		110	109	108	111
4	Instrument Temperature	TI-001	deg C		20	50	15	15	15																		15	15	14	14
5	Fin Fan Cooler		Units	Low	Norm	Max																								
6	Coolant Pressure	PI-250	psig		25		19	19	19																		19	19	19	19
7	Coolant PLC Temperature	TI-002	deg F	100	110	120	106	109	110																		109	109	102	109
8	Sight glass Level Expansion Tank	LI-001	LEVEL	1/3	2/3	FULL	1/2	1/2	1/2																		1/2	1/2	1/2	1/2
9	Coolant Return Differential from GS	PI-001	in WC		60	80	60	60	60																		60	59	59	59
10	Coolant Return Differential from	PI-002	in WC		37	50	35	35	35																		35	35	35	35
11	Control Room		Units	Low	Norm	Max																								
12	Room Temperature		deg F		72	85	74	74	74																		76	76	70	70
15	WECC Log		Operational?																											
16	Operation of PSS/on at 6.3MW		Yes (Y)			No (N)																								
17	Operation of AVR Voltage Mode @ 13.6 KV		Yes (Y)			No (N)	Y	Y	Y																					
	Entronic Control System		Units	Low	Norm	Max																								
	(18-20 found on Air Diagram page)																										Y	Y	Y	Y
18	2000 gal Oil Water Tank Level	LI-231	%			70%	17	17	17																					
19	10 gal gas TG Drain Tank (Air Diagram page)	LI-230	%			70%	0	0	0																					
20	Record on hard S/D trip over 4500 rpm NL Compressor (on line trip)	AESGCD ST-02	psig	35	20																						17	17	17	17
21	Acknowledge Alarms Hourly		√				✓	✓	✓																		0	0	0	0
	(22-24 found on Power Management page)																													
22	Generator Current		Amps			1427	1070	1073	1087																		✓	✓	✓	✓
23	Mw Output		MW			27	25.4	25.5	25.6																		1083	1089	1091	1093
24	80% Base Load Minimum		MW				21.2	21.2	21.3																		25.7	25.9	26.0	26.0
25	Running Hours (unit overview)						5916	5917	5918																		21.5	21.5	21.6	21.6
26	Ambient Temperature	T1 Inlet					32	31	30																		5920	5921	5922	5923
	(27-28 found on Gas Fuel System page)																										28	28	27	27
27	Waste Oil Tank	LI-129	%			70%	47	47	47																					
28	Total Fuel Flow		Mscf/h																								47	46	46	47

Date: 3-24-2021 Signature: (MIDSHIFT) Bob Lang

CGTG TURBINE

UTILITIES AND INFRASTRUCTURE

Natural Gas Compressor		Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
GAS COMPRESSOR START TIME	1309																												
Combustible Gas Detector	AAH-303	%		0%	20%																								
Packing Lube Oil Flow Indicator Left Side	FSL-1501B	LIGHT		BLINK		B	B	B																		B	B	B	B
Liquid Level Coalescing	LI-7721	LIQID		EMPTY	ANY	E	E	E																		E	E	E	E
Crankcase Bulls eye	LC-1574	LEVEL	1/4	1/2	FULL	1/2	1/2	1/2																		1/2	1/2	1/2	1/2
Oil Day Tank Level	LI-1562	GAL	10		FULL	55	55	55																		55	55	55	55
Lubricator Bulls eye		LEVEL	1/2	FULL		F	F	F																		F	F	F	F
1st Stage Scrubber Liquid Level	LI-7416	LIQID		EMPTY	ANY	E	E	E																		E	E	E	E
2nd Stage Scrubber Liquid Level	LI-7466	LIQID		EMPTY	ANY	E	E	E																		E	E	E	E
Packing Lube Oil Flow Indicator Right Side	FSL-1501A	LIGHT		BLINK		B	B	B																		B	B	B	B
1st Stage Inlet Press.	PI-2100	psig		88	140	82	82	82																		82	82	82	82
Stage Disch. Press	PI-2101	psig		238	285	248	248	248																		247	247	247	247
2nd Stage Inlet Press	PI-2200	psig		267	285	245	244	244																		243	243	243	244
2nd Stage Disch. Press	PI-2201	psig		575	600	565	564	564																		564	564	564	564
Final Discharge Pressure	PI-2108	psig		575	600	560	559	559																		560	559	559	560
Lube Oil Pressure	PI-1572	psig	40	60		57	57	57																		66	59	57	57
Lube Oil Temp	TE-1584	deg		150	170	167	167	167																		163	165	167	168
Final Discharge Temp	TE-2120	deg		110	150	70	70	70																		70	70	70	70
1st Stage Cylinder Disch. Temperature A	TE-2054 A	deg		226	297	195	195	194																		199	198	197	197
2nd Stage Cylinder Disch. Temperature A	TE-2062 A	deg		258	283	196	196	195																		199	197	198	198
1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg		226	297	194	194	193																		198	197	196	196
2nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg		258	283	196	196	195																		198	196	197	198
Motor Frame Vibration	VT-1015	IPS			0.15	.04	.04	.04																		.04	.04	.04	.04
Compresser Frame Vibration	VT-1512	IPS			0.35	.05	.05	.05																		.05	.05	.05	.05
Take Once per Shift / at Full Load		psig		Max psid		When the differential pressure exceeds Max psid the filter should be changed out. Notify System Engineer																								
Natural Gas Comp.Discharge Press.																													
Double Block and Bleed Pressure	A63FGDT	49-48=psid			8																								
Fuel Gas Supply Pressure	A63FTGST	50-49=psid			20																								

DATE 3-24-2021

SIGNATURE

Mid Shift Bob Hwang

Days Shift

Notes

Utilities and Institutional Facilities

Date: 3-25-2021

WST / WDT (circle one)

Time Gas Introduced (Turbine Rolling):

Time of Turbine Online (Brkr Closed):

CSTG HOURLY READING LOG

Time Turbine Offline (Brkr Open):

Time No Gas Flow:

Notes:

	Instrument Air Compressor	I.D	Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Blowdown Dry Receiver Tank Hourly	BVT-012	√				√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
2	Blowdown Wet Receiver Tank Hourly	BVT-007	√				√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
3	Wet Receiver Air Pressure	PI-002	psig	93	105	120	106	110	109	107	109	110	108	104	108	108	114	106	106	104	110	108	108	110	109	104	107	108	109	109
4	Instrument Temperature	TI-001	deg C		20	50	14	14	13	12	12	12	12	12	12	14	14	16	16	16	17	19	16	16	16	14	14	14	14	14
5	Fin Fan Cooler		Units	Low	Norm	Max																								
6	Coolant Pressure	PI-250	psig		25		19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
7	Coolant PLC Temperature	TI-002	deg F	100	110	120	107	110	109	102	108	111	110	110	99	106	104	109	102	111	110	106	98	103	104	110	109	103	107	106
8	Sight glass Level Expansion Tank	LI-001	LEVEL	1/3	2/3	FULL	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
9	Coolant Return Differential from GG	PI-001	in WC		60	80	59	59	59	59	59	59	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
10	Coolant Return Differential from	PI-002	in WC		37	50	35	35	35	35	35	35	35	35	35	35	35	35	35	35	36	35	35	35	35	35	35	35	35	35
11	Control Room		Units	Low	Norm	Max																								
12	Room Temperature		deg F		72	85	70	70	70	76	76	76	70	70	70	69	68	68	68	69	69	69	70	70	70	70	70	71	71	71
15	WECC Log		Operational?																											
16	Operation of PSS/on at 6.5MW		Yes (Y)			No (N)																								
17	Operation of AVR Voltage Mode @ 13.6 KV		Yes (Y)			No (N)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
	Entronic Control System		Units	Low	Norm	Max																								
	(18-20 found on Air Diagram page)																													
18	2000 gal Oil Water Tank Level	LI-221	%			70%	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
19	10 gal gas TG Drain Tank (Air Diagram page)	LI-220	%			70%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Record on hard S/D trip over 4500 rpm NL Compressor (on line trip)	AS96CD ST-01	psig	35	20																									
21	Acknowledge Alarms Hourly		√				√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
	(22-24 found on Power Management page)																													
22	Generator Current		Amps			1427	1099	1096	1099	1096	1091	1087	1088	1089	1076	1061	1056	1040	1050	1038	1034	1034	1031	1041	1060	1066	1063	1066	1070	1071
23	Mw Output		MW			27	26.2	26.2	26.2	26.1	26.0	25.4	26.0	25.9	25.7	25.3	25.1	24.9	25.0	24.7	24.6	24.6	24.5	24.8	25.2	25.4	25.4	25.3	25.5	25.6
24	80% Base Load Minimum		MW				21.7	21.7	21.8	21.7	21.6	21.5	21.6	21.5	21.3	20.9	20.6	20.6	20.8	20.5	20.4	20.4	20.4	20.5	20.9	21.1	21.1	21.0	21.2	21.2
25	Running Hours (unit overview)						5924	5925	5926	5927	5928	5929	5930	5931	5932	5933	5934	5935	5936	5937	5938	5939	5940	5941	5942	5943	5944	5945	5946	5947
26	Ambient Temperature	T1 Inlet					26	25	25	26	26	28	27	28	30	34	36	38	36	39	40	40	40	38	34	33	33	33	32	32
	(27-28 found on Gas Fuel System page)																													
27	Waste Oil Tank	LI-120	%			70%	47	46	46	47	47	47	47	46	46	45	45	45	45	45	45	46	46	46	46	47	47	47	47	47
28	Total Fuel Flow		Mscf/h																											

Date: 3-25-2021 Signature: Bob Aug

Dayshift - Josh Ar

CGTG TURBINE

UTILITIES AND INFRASTRUCTURE

Natural Gas Compressor		Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
GAS COMPRESSOR START TIME																													
Combustible Gas Detector	AAH-303	%		0%	20%																								
Packing Lube Oil Flow Indicator Left Side	FSL-1501B	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
Liquid Level Coalescing	LI-7721	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Crankcase Bulls eye	LC-1574	LEVEL	1/4	1/2	FULL	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
Oil Day Tank Level	LI-1562	GAL	10		FULL	55	55	55	55	58	55	51	51	51	51	51	51	51	50	50	50	50	50	50	50	50	50	50	50
Lubricator Bulls eye		LEVEL	1/2	FULL		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
1st Stage Scrubber Liquid Level	LI-7416	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
2nd Stage Scrubber Liquid Level	LI-7466	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Packing Lube Oil Flow Indicator Right Side	FSL-1501A	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
1st Stage Inlet Press.	PI-2100	psig		88	140	82	82	82	82	82	82	82	82	81	81	82	82	82	82	82	82	81	82	82	82	82	82	82	82
Stage Disch. Press	PI-2101	psig		238	285	247	247	248	248	248	248	247	247	247	247	249	249	250	250	249	249	249	249	249	249	249	249	249	246
2nd Stage Inlet Press	PI-2200	psig		267	285	245	244	244	244	244	244	243	243	243	243	245	245	246	246	245	245	245	245	245	245	245	245	245	245
2nd Stage Disch. Press	PI-2201	psig		575	600	564	564	565	565	565	565	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	565	565
Final Discharge Pressure	PI-2108	psig		575	600	560	560	560	560	560	560	559	560	560	559	560	560	560	560	559	559	559	559	559	560	560	560	560	560
Lube Oil Pressure	PI-1572	psig	40	60		57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57
Lube Oil Temp	TE-1584	deg		150	170	168	168	169	169	169	169	169	169	169	170	170	170	170	170	170	170	170	170	170	170	170	170	170	176
Final Discharge Temp	TE-2120	deg		110	150	70	70	70	70	70	70	70	70	70	72	73	75	75	77	77	78	79	78	74	73	73	73	72	70
1st Stage Cylinder Disch. Temperature A	TE-2054 A	deg		226	297	197	197	196	196	196	197	195	195	195	196	197	198	197	199	200	200	199	199	198	198	198	197	196	195
2nd Stage Cylinder Disch. Temperature A	TE-2062 A	deg		258	283	198	198	198	198	198	198	196	196	196	199	199	202	200	203	204	204	204	203	202	201	201	201	198	196
1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg		226	297	196	196	195	195	195	195	194	195	194	195	196	197	196	198	199	199	198	198	197	196	196	196	195	194
2nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg		258	283	198	198	197	197	195	195	196	195	196	198	199	201	200	203	203	203	204	203	202	200	200	200	198	196
Motor Frame Vibration	VT-1015	IPS			0.15	.05	.05	.04	.05	.04	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.04	.05	.05	.05	.04	.04	.04	.04	.04
Compresser Frame Vibration	VT-1512	IPS			0.35	.05	.01	.05	.06	.05	.06	.06	.05	.05	.06	.06	.05	.06	.05	.06	.06	.05	.05	.05	.05	.05	.05	.05	.06
Take Once per Shift / at Full Load		psig		Max psid		When the differential pressure exceeds Max psid the filter should be changed out. Notify System Engineer																							
Natural Gas Comp.Discharge Press.													560																
Double Block and Bleed Pressure	A63FGDT	49-48=psid			8					555			555																
Fuel Gas Supply Pressure	A63FTGST	50-49=psid			20					540			542																

DATE 3-25-2021

SIGNATURE

Mid Shift Bob Stacy

Days Shift Josh Clemo

Notes 1180499

Utilities and Institutional Facilities

Date: 3-26-2021

MST / MDT (circle one)

Time Gas Introduced (Turbine Rolling):

Time of Turbine Online (Brkr Closed):

CGTG HOURLY READING LOG

Time Turbine Offline (Brkr Open):

Time No Gas Flows

Notes:

	Instrument Air Compressor	I.D	Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Blowdown Dry Receiver Tank Hourly	BVT-015	V				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	Blowdown Wet Receiver Tank Hourly	BVT-007	V				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	Wet Receiver Air Pressure	PI-002	psig	90	105	120	109	107	110	105	110	108	105	110	106	105	104	105	106	101	105	109	103	104	110	109	110	108	110	106
4	Instrument Temperature	TI-001	deg C		20	50	14	14	14	14	14	13	13	13	13	13	14	14	14	17	17	18	19	19	18	18	16	16	16	16
5	Fin Fan Cooler		Units	Low	Norm	Max																								
6	Coolant Pressure	PI-250	psig		25		19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
7	Coolant PLC Temperature	TI-002	deg F	100	110	120	107	109	103	109	110	110	109	102	101	103	109	100	106	104	104	102	109	105	104	102	101	107	101	105
8	Sight glass Level Expansion Tank	LI-001	LEVEL	1/3	2/3	FULL	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3/8	3/8	3/8	3/8	3/4	3/8	3/4	3/4	3/4	3/8	3/8	3/8	3/8	3/8	3/8
9	Coolant Return Differential from GS	PI-001	In WC		60	80	60	60	60	60	60	60	60	60	60	60	60	60	62	62	62	62	62	62	65	65	65	65	65	65
10	Coolant Return Differential from	PI-002	In WC		37	50	35	35	35	35	35	31	35	35	35	35	35	35	36	36	35	35	34	34	35	35	35	35	35	35
11	Control Room		Units	Low	Norm	Max																								
12	Room Temperature		deg F	59	72	85	71	71	71	71	71	71	71	70	71	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70
15	WECC Log		Operational?																											
16	Operation of PSS/on at 6.5MW		Yes (Y)			No (N)																								
17	Operation of AVR Voltage Mode @ 13.6 KV		Yes (Y)			No (N)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
	Entronic Control System		Units	Low	Norm	Max																								
	(18-20 found on Air Diagram page)																													
18	2000 gal Oil Water Tank Level	LI-251	%			70%	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
19	10 gal gas TG Drain Tank (Air Diagram page)	LI-250	%			70%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Record on hard S/D trip over 4500 rpm NL Compressor (on line trip)	AESSCD ST-01	psig	35	20																									
21	Acknowledge Alarms Hourly		V				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	(22-24 found on Power Management page)																													
22	Generator Current		Amps			1427	1077	1077	1078	1085	1086	1075	1085	1069	1061	1061	1058	1055	1045	1046	1042	1037	1033	1026	1050	1053	1062	1069	1070	1071
23	Mw Output		MW			27	25.6	25.6	25.6	25.9	25.8	25.5	25.7	25.4	25.2	25.2	25.1	25.0	24.8	24.8	24.7	24.7	24.5	24.4	25.0	25.0	25.3	25.4	25.4	25.4
24	80% Base Load Minimum		MW				21.2	21.3	21.4	21.4	21.4	21.2	21.3	21.0	20.8	20.8	20.7	20.6	20.5	20.5	20.4	20.3	20.3	20.3	20.6	20.6	20.8	20.9	20.9	20.9
25	Running Hours (unit overview)						5948	5949	5950	5951	5952	5953	5954	5955	5956	5957	5958	5959	5960	5961	5962	5963	5964	5965	5966	5967	5968	5969	5970	5971
26	Ambient Temperature	TI Inlet					31	30	29	29	29	31	29.7	33.4	35.2	36.5	37.2	38.8	39.2	39.6	40.5	41.4	41.9	41.8	40	38	36	36	34	34
	(27-28 found on Gas Fuel System page)																													
27	Waste Oil Tank	LI-120	%			70%	47	47	47	47	47	47	47	47	46	46	45	45	45	40	45	46	44	45	46	46	46	46	46	46
28	Total Fuel Flow		Mscf/h																											

Date: 3-26-2021 Signature: Bob Hung

1186122

CGTG TURBINE

UTILITIES AND INFRASTRUCTURE

Natural Gas Compressor		Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
GAS COMPRESSOR START TIME																													
Combustible Gas Detector	AAH-303	%		0%	20%																								
Packing Lube Oil Flow Indicator Left Side	FSL-1501B	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
Liquid Level Coalescing	LI-7721	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8
Crankcase Bulls eye	LC-1574	LEVEL	1/4	1/2	FULL	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
Oil Day Tank Level	LI-1562	GAL	10		FULL	50	50	50	50	49	49	49	49	49	49	49	49	49	49	48	48	48	48	48	48	48	48	48	48
Lubricator Bulls eye		LEVEL	1/2	FULL		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
1st Stage Scrubber Liquid Level	LI-7416	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
2nd Stage Scrubber Liquid Level	LI-7466	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Packing Lube Oil Flow Indicator Right Side	FSL-1501A	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
1st Stage Inlet Press.	PI-2100	psig		88	140	82	82	82	82	82	82	82	83	82	82	82	82	81	82	82	82	82	82	83	83	83	83	83	83
Stage Disch. Press	PI-2101	psig		238	285	248	248	248	248	248	248	248	248	248	248	249	248	249	249	249	250	251	251	250	251	251	250	250	250
2nd Stage Inlet Press	PI-2200	psig		267	285	245	245	245	245	245	245	245	244	244	247	248	245	245	245	245	246	247	247	247	247	247	246	246	246
2nd Stage Disch. Press	PI-2201	psig		575	600	565	565	565	565	565	565	565	564	564	564	564	564	564	564	564	564	564	564	564	563	564	564	565	565
Final Discharge Pressure	PI-2108	psig		575	600	560	560	560	560	560	560	560	559	559	559	559	559	559	560	560	559	559	559	560	560	560	560	560	560
Lube Oil Pressure	PI-1572	psig	40	60		57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	58	58	57	57	57
Lube Oil Temp	TE-1584	deg		150	170	170	170	169	169	169	169	169	169	169	169	169	170	170	170	170	170	169	169	170	170	170	170	170	170
Final Discharge Temp	TE-2120	deg		110	150	70	70	70	70	70	70	70	70	74	74	78	75	79	79	79	81	81	81	77	77	78	74	74	74
1st Stage Cylinder Disch. Temperature A	TE-2054 A	deg		226	297	195	195	195	194	195	195	195	194	197	197	197	198	199	199	199	199	198	198	198	198	199	196	196	196
2nd Stage Cylinder Disch. Temperature A	TE-2062 A	deg		258	283	196	196	196	195	195	195	194	196	200	200	200	202	205	205	205	205	206	206	202	208	208	199	199	199
1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg		226	297	194	195	194	193	194	194	194	194	196	196	196	197	198	198	198	198	198	195	198	198	199	195	195	195
2nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg		258	283	196	196	196	195	196	195	195	196	200	200	200	201	204	204	204	205	206	204	202	202	202	199	199	199
Motor Frame Vibration	VT-1015	IPS			0.15	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04
Compresser Frame Vibration	VT-1512	IPS			0.35	.05	.05	.06	.05	.05	.05	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06
Take Once per Shift / at Full Load		psig		Max psid		When the differential pressure exceeds Max psid the filter should be changed out. Notify System Engineer																							
Natural Gas Comp.Discharge Press.									560																				
Double Block and Bleed Pressure	A63FGDT	49-48=psid			8				555																				
Fuel Gas Supply Pressure	A63FTGST	50-49=psid			20				542																				

DATE	3-26-2021
SIGNATURE	
Mid Shift	Bob Daly
Days Shift	

Notes

1186
16.04

1182683

Utilities and Institutional Facilities

Date: MARCH 27 2021

MST (MDT) (circle one)

Time Gas Introduced (Turbine Rolling):

Time of Turbine Online (Brkr Closed):

Time Turbine Offline (Brkr Open):

Time No Gas Flow:

CGTG HOURLY READING LOG

Notes: PSS UNAVAILABLE

	Instrument Air Compressor	ID	Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Blowdown Dry Receiver Tank Hourly	BVT-015	√				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	Blowdown Wet Receiver Tank Hourly	BVT-017	√				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	Wet Receiver Air Pressure	PI-002	psig	90	105	120	105	110	108	110	110	108	104	109	108	106	108	105	108	107	109	105	104	105	110	108	110	105	108	110
4	Instrument Temperature	TI-001	deg C		20	50	16	16	16	16	16	16	17	17	17	17	18	19	19	19	19	19	19	19	19	19	18	18	18	18
5	Fin Fan Cooler		Units	Low	Norm	Max																								
6	Coolant Pressure	PI-250	psig		25		19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
7	Coolant PLC Temperature	TI-002	deg F	100	110	120	106	104	108	101	107	103	106	105	104	109	110	108	106	104	109	104	108	107	111	108	100	102	99	101
8	Sight glass Level Expansion Tank	LI-001	LEVEL	1/3	2/3	FULL	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8
9	Coolant Return Differential from GG	PI-001	in WC		60	80	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65
10	Coolant Return Differential from	PI-002	in WC		37	50	35	35	35	35	35	35	35	35	35	35	36	34	34	34	34	34	34	34	35	35	35	35	35	35
11	Control Room		Units	Low	Norm	Max																								
12	Room Temperature		deg F		72	85	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70
15	WECC Log		Operational?																											
16	Operation of PSS/on at 6.5MW		Yes (Y)			No (N)	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
17	Operation of AVR Voltage Mode @ 13.6 KV		Yes (Y)			No (N)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
	Entronic Control System		Units	Low	Norm	Max																								
	(18-20 found on Air Diagram page)																													
18	2000 gal Oil Water Tank Level	LI-221	%			70%	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
19	10 gal gas TG Drain Tank (Air Diagram page)	LI-230	%			70%	0	0	0	0	0	0	0	0	0	6	0	6	0	6	0	0	0	6	6	0	0	0	0	0
20	Record on hard S/D trip over 4500 rpm NL Compressor (on line trip)	ASBGCD ST-01	psig	35	20																									
21	Acknowledge Alarms Hourly		√				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	(22-24 found on Power Management page)																													
22	Generator Current		Amps			1427	1078	1069	1071	1091	1093	1088	1070	1070	1060	1052	1033	1024	1006	1003	996	996	998	1004	1033	1029	1052	1055	1049	1051
23	Mw Output		MW			27	25.6	25.6	25.6	25.9	25.9	25.9	25.7	25.4	25.1	24.9	24.5	24.4	24.0	23.8	23.6	23.6	23.4	22.8	24.5	24.3	25.0	25.0	25.0	25.0
24	80% Base Load Minimum		MW				21.1	21.1	21.1	21.3	21.3	21.3	21.4	20.9	20.5	20.3	20.1	20.1	19.8	19.7	19.6	19.6	19.5	19.7	20.1	20.1	20.4	20.4	20.4	20.4
25	Running Hours (unit overview)						5972	5973	5974	5975	5976	5977	5978	5979	5980	5981	5982	5983	5984	5985	5986	5987	5988	5989	5990	5991	5992	5993	5994	5995
26	Ambient Temperature	T1 Inlet					33	33	33	30	30	30	30	34.5	39.0	39.4	48.1	44.1	48.0	49.4	50.9	50.4	50.7	49.6	48	45	44	44	40	40
	(27-28 found on Gas Fuel System page)																													
27	Waste Oil Tank	LI-120	%			70%	47	47	47	47	47	47	47	48	48	48	45	45	45	40	45	45	45	45	47	47	47	47	47	47
28	Total Fuel Flow		Mscf/h																											

Date: MARCH 27 2021 Signature:

CGTG TURBINE

UTILITIES AND INFRASTRUCTURE

Natural Gas Compressor		Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
GAS COMPRESSOR START TIME																													
Combustible Gas Detector	AAH-303	%		0%	20%																								
Packing Lube Oil Flow Indicator Left Side	FSL-1501B	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
Liquid Level Coalescing	LI-7721	LIQID		EMPTY	ANY	E	E	E	E	E	E	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/2	1/2	1/2	1/2	1/2	1/2
Crankcase Bulls eye	LC-1574	LEVEL	1/4	1/2	FULL	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
Oil Day Tank Level	LI-1562	GAL	10		FULL	47	47	47	47	47	47	47	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46
Lubricator Bulls eye		LEVEL	1/2	FULL		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
1st Stage Scrubber Liquid Level	LI-7416	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
2nd Stage Scrubber Liquid Level	LI-7466	LIQID		EMPTY	ANY	E	E	E	E	E	E	1/8	1/8	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
Packing Lube Oil Flow Indicator Right Side	FSL-1501A	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
1st Stage Inlet Press.	PI-2100	psig		88	140	83	82	82	83	83	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	83	83	83	82
Stage Disch. Press	PI-2101	psig		238	285	250	249	249	250	249	249	248	248	248	249	250	250	250	250	251	251	251	252	252	252	251	251	252	251
2nd Stage Inlet Press	PI-2200	psig		267	285	245	245	245	245	245	245	245	244	244	245	246	246	247	247	247	247	247	247	248	248	247	247	248	248
2nd Stage Disch. Press	PI-2201	psig		575	600	564	564	565	565	565	565	565	564	564	564	564	564	564	564	564	565	565	565	564	565	565	565	565	565
Final Discharge Pressure	PI-2108	psig		575	600	560	560	560	560	560	560	560	559	559	559	559	559	560	560	560	560	560	560	560	560	560	560	560	560
Lube Oil Pressure	PI-1572	psig	40	60		57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	58	58	58	58	58	58	58	58	58
Lube Oil Temp	TE-1584	deg		150	170	170	169	169	170	170	169	169	169	169	169	170	170	168	169	168	167	167	167	167	169	170	170	170	170
Final Discharge Temp	TE-2120	deg		110	150	71	71	71	70	70	70	70	73	73	78	80	83	86	89	88	89	89	89	85	85	82	82	80	80
1st Stage Cylinder Disch. Temperature A	TE-2054 A	deg		226	297	195	195	195	195	195	195	195	194	194	198	199	200	202	203	203	202	202	201	201	201	200	198	198	198
2nd Stage Cylinder Disch. Temperature A	TE-2062 A	deg		258	283	196	196	196	196	197	197	198	196	196	201	203	206	209	209	211	211	210	210	208	208	204	204	204	204
1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg		226	297	194	194	194	194	196	194	194	193	193	197	199	199	201	201	202	201	201	201	200	200	197	197	197	197
2nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg		258	283	196	196	196	196	197	197	197	196	198	201	204	206	209	209	211	211	211	211	208	208	204	204	204	204
Motor Frame Vibration	VT-1015	IPS			0.15	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04
Compresser Frame Vibration	VT-1512	IPS			0.35	.06	.06	.06	.06	.06	.06	.06	.06	.09	.06	.04	.08	.06	.04	.09	.06	.08	.08	.06	.06	.06	.06	.06	.06
Take Once per Shift / at Full Load		psig		Max psid		When the differential pressure exceeds Max psid the filter should be changed out. Notify System Engineer																							
Natural Gas Comp.Discharge Press.																													
Double Block and Bleed Pressure	A63FGDT	49-48=psid			8																								
Fuel Gas Supply Pressure	A63FTGST	50-49=psid			20																								

DATE MARCH 27 2021

SIGNATURE

Mid Shift

Days Shift

1191872

Notes

1188397

Date: MARCH 28 2021

PST / (MDT) (circle one)

Time Gas Introduced (Turbine Rolling):

Time of Turbine Online (Brkr Closed):

Time Turbine Offline (Brkr Open):

Time No Gas Flow:

CGTG HOURLY READING LOG

Notes: PSS UNAVAILABLE

	Instrument Air Compressor	I.D	Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Blowdown Dry Receiver Tank Hourly	BVT-015	√				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	Blowdown Wet Receiver Tank Hourly	BVT-007	√				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	Wet Receiver Air Pressure	PI-002	psig	90	105	120	105	110	108	108	110	105	106	108	109	110	109	105	109	102	108	102	110	105	110	108	105	110	105	105
4	Instrument Temperature	TI-001	deg C		20	50	16	16	16	16	16	16	13	13	19	19	19	19	19	19	19	19	19	19	20	22	22	21	20	20
5	Fin Fan Cooler		Units	Low	Norm	Max																								
6	Coolant Pressure	PI-250	psig		25		19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
7	Coolant PLC Temperature	TI-002	deg F	100	110	120	99	101	104	102	106	100	105	108	100	107	109	109	103	105	98	104	904	107	111	106	112	106	102	104
8	Sight glass Level Expansion Tank	LI-001	LEVEL	1/3	2/3	FULL	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	7/8	3/4	3/4	3/8	7/8	3/4	7/8	3/4	3/4	5/8	3/8	3/8	3/8	3/8	3/8	5/8
9	Coolant Return Differential from GG	FI-001	In WC		60	80	60	60	60	60	60	60	66	60	63	63	63	63	63	63	63	63	63	63	60	60	60	60	60	60
10	Coolant Return Differential from	FI-002	In WC		37	50	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
11	Control Room		Units	Low	Norm	Max																								
12	Room Temperature		deg F		72	85	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	70	70	70	70
15	WECC Log		Operational?																											
16	Operation of PSS/on at 6.5MW		Yes (Y)			No (N)	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
17	Operation of AVR Voltage Mode @ 13.6 KV		Yes (Y)			No (N)	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y
	Entronic Control System		Units	Low	Norm	Max																								
	(18–20 found on Air Diagram page)																													
18	2000 gal Oil Water Tank Level	LI-221	%			70%	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	16	16	16	16	16	16	16	16
19	10 gal gas TG Drain Tank (Air Diagram page)	LI-230	%			70%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Record on hard S/D trip over 4500 rpm NL Compressor (on line trip)	AGGGD ST-01	psig	35	20								✓		✓		✓	✓					✓							
21	Acknowledge Alarms Hourly		√				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	(22–24 found on Power Management page)																													
22	Generator Current		Amps			1427	1078	1079	1080	1077	1081	1078	1090	1079	1040	7028	1632	1012	993	969	962	955	963	958	978	975	972	1014	1019	1017
23	Mw Output		MW			27	25.6	25.6	25.6	25.6	25.6	25.6	25.8	25.7	24.8	24.4	24.5	24.1	23.6	23.0	22.8	22.7	22.8	22.7	23.2	32.2	23.2	23.2	24.2	24.2
24	80% Base Load Minimum		MW				20.8	20.8	20.8	20.8	20.8	20.8	21.0	21.0	20.1	19.8	19.9	19.4	19.4	19.1	19.0	18.8	19.0	18.9	19.2	19.2	19.2	19.2	19.8	19.8
25	Running Hours (unit overview)						5996	5997	5998	5999	6000	6001	6002	6003	6004	6005	6006	6007	6008	6009	6010	6011	6012	6013	6014	6015	6016	6017	6018	6019
26	Ambient Temperature	T1 Inlet					36	36	35	36	36	36	34.0	34	44.4	48.4	47.3	50.2	53.4	57.6	59.4	59.9	59.4	59.7	57	56	55	50	48	48
	(27–28 found on Gas Fuel System page)																													
27	Waste Oil Tank	LI-120	%			70%	48	48	48	48	48	48	47	47	47	46	45	45	45	47	46	48	49	50	50	50	50	50	50	50
28	Total Fuel Flow		Mscf/h																											

Date: MARCH 28 2021 Signature:

187
3/4 186

32

CGTG TURBINE — UTILITIES AND INFRASTRUCTURE

Natural Gas Compressor		Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
GAS COMPRESSOR START TIME																													
Combustible Gas Detector	AAH-303	%		0%	20%	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
Packing Lube Oil Flow Indicator Left Side	FSL-1501B	LIGHT		BLINK		E	½	½	½	½	½	½	½	½	½	½	E	E	E	E	E	E	E	E	E	E	E	E	E
Liquid Level Coalescing	LI-7721	LIQID		EMPTY	ANY	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½
Crankcase Bulls eye	LC-1574	LEVEL	1/4	1/2	FULL	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½
Oil Day Tank Level	LI-1562	GAL	10		FULL	46	46	46	46	46	46	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44
Lubricator Bulls eye		LEVEL	1/2	FULL		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
1st Stage Scrubber Liquid Level	LI-7416	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	F	E	F	E	E	E	E	E	E	E	E	E	E	E	E	E	E
2nd Stage Scrubber Liquid Level	LI-7466	LIQID		EMPTY	ANY	¼	¼	¼	¼	¼	¼	¼	¼	¼	¼	¼	F	E	E	F	E	F	F	E	E	E	E	E	E
Packing Lube Oil Flow Indicator Right Side	FSL-1501A	LIGHT		BLINK		B	B	B	B	B	B	D	B	B	B	D	B	B	B	B	B	B	B	B	B	B	B	B	B
1st Stage Inlet Press.	PI-2100	psig		88	140	83	83	83	83	83	83	82	82	82	82	82	82	82	82	82	82	82	82	82	82	83	83	83	83
Stage Disch. Press	PI-2101	psig		238	285	250	250	250	251	251	250	249	249	250	251	252	253	253	253	253	253	253	253	254	254	254	253	254	253
2nd Stage Inlet Press	PI-2200	psig		267	285	246	246	246	246	247	247	245	245	246	247	248	248	249	249	249	249	249	249	250	250	250	250	249	250
2nd Stage Disch. Press	PI-2201	psig		575	600	565	564	565	565	565	564	564	564	564	564	564	564	564	564	564	564	564	564	565	565	564	565	565	565
Final Discharge Pressure	PI-2108	psig		575	600	560	560	560	560	560	560	559	559	559	560	560	560	561	560	560	560	560	561	560	560	560	560	561	561
Lube Oil Pressure	PI-1572	psig	40	60		57	57	57	57	58	58	57	57	57	58	58	58	58	58	59	59	59	58	59	59	59	58	58	58
Lube Oil Temp	TE-1584	deg		150	170	170	170	170	170	170	170	169	169	169	169	169	170	167	166	165	164	164	164	165	165	165	168	168	168
Final Discharge Temp	TE-2120	deg		110	150	75	75	75	75	75	75	72	72	81	86	88	88	92	94	96	96	96	96	94	94	94	92	92	88
1st Stage Cylinder Disch. Temperature A	TE-2054 A	deg		226	297	196	196	196	196	199	199	194	194	199	201	202	203	204	207	207	207	207	207	205	205	205	204	202	202
2nd Stage Cylinder Disch. Temperature A	TE-2062 A	deg		258	283	200	200	200	200	202	202	197	197	206	210	213	213	216	214	219	219	219	219	216	216	216	214	210	210
1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg		226	297	195	195	195	198	198	198	194	194	198	200	201	203	202	205	206	206	206	206	205	205	205	203	201	201
2nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg		258	283	200	200	200	200	200	202	197	197	206	210	213	213	215	217	218	218	218	218	216	216	216	214	210	210
Motor Frame Vibration	VT-1015	IPS			0.15	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05	.04	.04
Compresser Frame Vibration	VT-1512	IPS			0.35	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.07	.06	.06	.06	.06	.06	.05	.05	.05	.05	.05	.05
Take Once per Shift / at Full Load		psig		Max psid		When the differential pressure exceeds Max psid the filter should be changed out. Notify System Engineer																							
Natural Gas Comp.Discharge Press.																													
Double Block and Bleed Pressure	A63FGDT	49-48=psid			8																								
Fuel Gas Supply Pressure	A63FTGST	50-49=psid			20																								

DATE MARCH 28 2021

SIGNATURE

Mid Shift

Days Shift

1197451

Notes

1193983

Date: MARCH 29 2021

PST / PDT (circle one)

Time Gas Introduced (Turbine Rolling):

Time of Turbine Online (Brkr Closed):

CSTG HOURLY READING LOG

Time Turbine Offline (Brkr Open):

Time No Gas Flow:

Notes: PSS UNAVAILABLE

	Instrument Air Compressor	I.D	Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Blowdown Dry Receiver Tank Hourly	BVT-013	V				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	Blowdown Wet Receiver Tank Hourly	BVT-007	V				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	Wet Receiver Air Pressure	PI-002	psig	90	105	120	108	110	106	100	109	108	112	106	108	110	112	112	112	110	108	104	112	110	111	106	110	106	110	107
4	Instrument Temperature	TI-001	deg C		20	50	18	18	18	18	18	18	16	16	20	22	22	24	24	24	24	24	24	24	24	22	22	22	22	22
5	Fin Fan Cooler		Units	Low	Norm	Max																								
6	Coolant Pressure	PI-250	psig		25		19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
7	Coolant PLC Temperature	TI-002	deg F	100	110	120	104	102	108	100	112	114	106	107	100	99	109	104	102	111	100	102	112	109	107	108	111	109	110	107
8	Sight glass Level Expansion Tank	LI-001	LEVEL	1/3	2/3	FULL	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8
9	Coolant Return Differential from GG	PI-001	in WC		60	80	60	60	60	60	60	60	60	60	60	60	60	60	60	60	66	60	60	60	60	60	60	60	60	60
10	Coolant Return Differential from	PI-002	in WC		57	58	35	35	35	35	35	35	35	35	35	35	35	36	35	37	37	35	35	35	35	35	35	35	35	35
11	Control Room		Units	Low	Norm	Max																								
12	Room Temperature		deg F		72	85	70	70	70	70	70	70	76	76	73	72	71	70	70	70	70	70	70	70	71	71	71	71	71	71
15	WECC Log		Operational?																											
16	Operation of PSS/on at 6.5MW		Yes (Y)			No (N)	N	N	N	N	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N	N	N	N	N
17	Operation of AVR Voltage Mode @ 13.6 KV		Yes (Y)			No (N)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
	Entronic Control System		Units	Low	Norm	Max																								
	(18-20 found on Air Diagram page)																													
18	2000 gal Oil Water Tank Level	LI-231	%			70%	17	17	17	17	17	17	17	17	17	17	17	17	17	17	16	16	16	16	16	16	16	16	17	17
19	10 gal gas TG Drain Tank (Air Diagram page)	LI-230	%			70%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Record on hard S/D trip over 4500 rpm NL Compressor (on line trip)	AE96GD ST-01	psig	25	28																									
21	Acknowledge Alarms Hourly		V				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	(22-24 found on Power Management page)																													
22	Generator Current		Amps			3427	1048	1043	1046	1056	1050	1057	1058	1054	1024	998	962	958	938	935	924	918	920	916	936	955	970	961	967	962
23	Mw Output		MW			27	24.9	24.9	24.9	24.9	25.0	25.0	25.1	24.9	24.2	23.5	22.8	22.8	22.3	22.2	21.9	21.8	21.9	21.8	22.2	22.7	22.9	22.9	23.0	22.9
24	80% Base Load Minimum		MW				20.3	20.3	20.3	20.3	20.5	20.5	20.6	20.4	19.9	19.4	19.1	19.0	18.8	18.8	18.6	18.6	18.6	18.6	18.9	19.1	19.1	19.1	19.2	19.1
25	Running Hours (unit overview)						6020	6021	6022	6023	6024	6025	6025	6026	6027	6029	6030	6030	6031	6032	6033	6034	6035	6036	6037	6038	6039	6040	6041	6042
26	Ambient Temperature	T1 Inlet					42	42	42	41	41	40	38	40	46	53	57	58	61	61	64	64	63	62	60	57	57	57	56	56
	(27-28 found on Gas Fuel System page)																													
27	Waste Oil Tank	LI-120	%			70%	48	48	48	48	48	48	51	50	49	48	48	47	47	47	48	49	49	49	50	50	50	51	51	51
28	Total Fuel Flow		Mscf/h																											

Date: MARCH 29 2021 Signature: day shift - [illegible]

CGTG TURBINE

UTILITIES AND INFRASTRUCTURE

Natural Gas Compressor		Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
GAS COMPRESSOR START TIME																													
Combustible Gas Detector	AAH-303	%		0%	20%																								
Packing Lube Oil Flow Indicator Left Side	FSL-1501B	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
Liquid Level Coalescing	LI-7721	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Crankcase Bulls eye	LC-1574	LEVEL	1/4	1/2	FULL	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½	½
Oil Day Tank Level	LI-1562	GAL	10		FULL	44	44	44	44	44	44	41	41	41	41	41	41	41	41	41	40	40	40	40	40	40	40	40	40
Lubricator Bulls eye		LEVEL	1/2	FULL		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
1st Stage Scrubber Liquid Level	LI-7416	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
2nd Stage Scrubber Liquid Level	LI-7466	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Packing Lube Oil Flow Indicator Right Side	FSL-1501A	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
1st Stage Inlet Press.	PI-2100	psig		88	140	83	83	83	83	82	83	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	83	83	83
Stage Disch. Press	PI-2101	psig		238	285	251	252	252	252	251	251	250	250	250	252	252	254	253	253	254	254	254	254	254	254	254	254	254	254
2nd Stage Inlet Press	PI-2200	psig		267	285	247	248	248	248	247	248	246	246	246	248	249	250	249	249	251	251	251	250	250	250	250	250	250	250
2nd Stage Disch. Press	PI-2201	psig		575	600	565	565	565	564	564	565	564	564	564	564	561	565	564	564	564	564	561	564	564	564	561	564	564	564
Final Discharge Pressure	PI-2108	psig		575	600	560	560	560	560	560	560	560	560	559	560	560	561	560	560	560	560	560	560	560	560	560	560	560	560
Lube Oil Pressure	PI-1572	psig	40	60		57	58	58	58	58	58	57	57	58	58	59	59	59	59	59	59	59	58	58	58	58	59	59	59
Lube Oil Temp	TE-1584	deg		150	170	168	170	170	170	172	172	170	170	169	169	168	165	166	164	164	164	163	163	163	163	164	164	164	164
Final Discharge Temp	TE-2120	deg		110	150	81	81	81	81	82	81	76	79	83	90	97	100	101	99	104	104	104	102	102	100	98	96	94	94
1st Stage Cylinder Disch. Temperature A	TE-2054 A	deg		226	297	198	198	198	198	201	201	196	197	200	203	205	208	209	210	211	211	209	209	209	208	207	206	205	205
2nd Stage Cylinder Disch. Temperature A	TE-2062 A	deg		258	283	205	205	205	205	208	205	201	203	206	213	218	221	223	223	226	225	225	225	224	221	219	217	216	216
1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg		226	297	198	198	198	198	200	200	196	196	199	202	204	207	207	209	210	209	207	207	207	207	206	205	204	204
2nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg		258	283	205	205	205	205	208	208	201	203	206	212	217	221	222	222	225	225	224	225	227	224	220	218	216	216
Motor Frame Vibration	VT-1015	IPS			0.15	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.04	.05	.05	.05	.05	.05	.05	.04	.04	.04	.04
Compresser Frame Vibration	VT-1512	IPS			0.35	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05
Take Once per Shift / at Full Load		psig		Max psid		When the differential pressure exceeds Max psid the filter should be changed out. Notify System Engineer																							
Natural Gas Comp.Discharge Press.												560																	
Double Block and Bleed Pressure	A63FGDT	49-48=psid			8							555																	
Fuel Gas Supply Pressure	A63FTGST	50-49=psid			20							543																	

DATE MARCH 29 2021

SIGNATURE

Mid Shift CGTG GAS 1203193

Days Shift

55666

Notes

Utilities and Institutional Facilities

Date: 3-30-2021

CSTG HOURLY READING LOG

MST / MDT (circle one)

Time Gas Introduced (Turbine Rolling):

Time of Turbine Online (Enter Closed):

Time Turbine Offline (Enter Open):

Time No Gas Flow:

Notes:

	Instrument Air Compressor	I.D	Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Blowdown Dry Receiver Tank Hourly	BVT-012	√				√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
2	Blowdown Wet Receiver Tank Hourly	BVT-007	√				√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
3	Wet Receiver Air Pressure	PI-002	psig	90	105	120	108	110	106	109	107	110	110	110	104	112	106	108	106	110	112	108	108	110	109	107	110	105	105	110
4	Instrument Temperature	TI-001	deg C		20	50	22	20	19	19	18	18	19	19	21	22	23	23	23	23	23	23	22	21	20	19	18	18	17	16
5	Fin Fan Cooler		Units	Low	Norm	Max																								
6	Coolant Pressure	PI-250	psig		25		19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
7	Coolant PLC Temperature	TI-002	deg F	100	110	120	108	110	107	107	103	108	110	101	105	102	102	105	105	108	100	105	112	110	108	107	103	106	106	104
8	Sight glass Level Expansion Tank	LI-001	LEVEL	1/3	2/3	FULL	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/4	3/4	3/4	3/8	3/8	3/8	3/8	3/8	3/8
9	Coolant Return Differential from GG	PI-001	in WC		30	20	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
10	Coolant Return Differential from	PI-002	in WC		37	50	35	35	35	35	35	35	35	35	35	36	35	35	35	36	37	35	36	35	35	35	35	35	35	35
11	Control Room		Units	Low	Norm	Max																								
12	Room Temperature		deg F	72	85		71	71	71	71	72	72	76	76	75	71	71	70	70	70	70	70	70	70	70	70	70	70	71	71
15	WECC Log		Operational?																											
16	Operation of PSS/en at 6.9kW		Yes (Y)			No (N)	NT	N	N	N	N	N	N	N	N	N	N	N	N	✓	N	N	N	N	N	N	N	N	N	N
17	Operation of AVR Voltage Mode @ 13.6 KV		Yes (Y)			No (N)	OT	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
	Entronic Control System		Units	Low	Norm	Max																								
	(18-20 found on Air Diagram page)																													
18	2000 gal Oil Water Tank Level	LI-221	%			70%	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	16	16	16	16	16	17	17	17
19	10 gal gas TG Drain Tank (Air Diagram page)	LI-220	%			70%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Record on hard S/D trip over 4500 rpm NL Compressor (on line trip)	ASSG03 ST-01	psig	25	20																									
21	Acknowledge Alarms Hourly		√				√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
	(22-24 found on Power Management page)																													
22	Generator Current		Amps			2427	990	997	1003	1017	1027	1027	1039	1022	1010	1000	996	986	976	976	978	978	988	996	1024	1043	1057	1058	1065	1069
23	MW Output		MW			27	23.5	23.7	23.9	24.1	24.3	24.5	24.7	24.3	24.0	23.8	23.6	23.5	23.2	23.2	23.2	23.2	23.5	23.8	24.3	24.8	25.0	25.2	25.4	25.6
24	80% Base Load Minimum		MW				19.5	19.6	19.7	19.8	19.9	20.0	20.2	19.9	19.7	19.5	19.5	19.4	19.2	19.2	19.2	19.3	19.4	19.5	19.9	20.2	20.4	20.5	20.6	20.7
25	Running Hours (unit overview)						6043	6044	6045	6046	6047	6048	6050	6050	6051	6052	6053	6054	6055	6056	5057	6058	6059	6060	6061	6062	6063	6064	6065	6066
26	Ambient Temperature	T1 Inlet					53	51	49	48	47	46	43	46	49	52	53	54	55	56	55	54	54	51	47	43	41	40	38	36
	(27-28 found on Gas Fuel System page)																													
27	Waste Oil Tank	LI-120	%			70%	51	51	51	51	51	51	51	51	50	49	48	49	49	49	50	50	51	51	51	51	52	52	52	52
28	Total Fuel Flow		Mscf/h																											

Date: 3-30-2021 Signature: Bob Young (MM105) day shift - Jack Cox

COTG TURBINE

UTILITIES AND INFRASTRUCTURE

Natural Gas Compressor		Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
GAS COMPRESSOR START TIME																													
Combustible Gas Detector	AAH-303	%		0%	20%																								
Packing Lube Oil Flow Indicator Left Side	FSL-1501B	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
Liquid Level Coalescing	LI-7721	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	F	E	E	E	E	E	E	E	E	E	E	E	E	E
Crankcase Bulls eye	LC-1574	LEVEL	1/4	1/2	FULL	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
Oil Day Tank Level	LI-1562	GAL	10		FULL	40	40	40	39	39	39	39	39	39	39	39	39	39	39	39	38	38	38	38	38	38	38	38	38
Lubricator Bulls eye		LEVEL	1/2	FULL		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
1st Stage Scrubber Liquid Level	LI-7416	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
2nd Stage Scrubber Liquid Level	LI-7466	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Packing Lube Oil Flow Indicator Right Side	FSL-1501A	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
1st Stage Inlet Press.	PI-2100	psig		88	140	83	82	82	83	83	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82
Stage Disch. Press	PI-2101	psig		238	285	254	251	250	251	251	250	251	251	252	251	252	252	251	252	252	252	252	252	252	251	251	251	250	251
2nd Stage Inlet Press	PI-2200	psig		267	285	250	247	246	247	248	248	247	248	248	247	248	248	248	248	249	248	248	247	248	248	248	247	247	246
2nd Stage Disch. Press	PI-2201	psig		575	600	564	564	564	565	565	565	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	565	565	565
Final Discharge Pressure	PI-2108	psig		575	600	560	560	560	560	560	560	559	559	560	558	560	560	557	560	560	560	560	560	560	560	560	560	560	560
Lube Oil Pressure	PI-1572	psig	40	60		59	58	58	58	58	58	57	58	58	58	58	59	59	59	59	59	59	59	59	59	58	58	57	57
Lube Oil Temp	TE-1584	deg		150	170	164	164	164	165	168	167	168	170	169	167	167	166	165	165	165	164	165	164	165	165	165	170	165	165
Final Discharge Temp	TE-2120	deg		110	150	94	84	84	87	85	84	81	82	89	90	93	94	93	94	96	93	91	90	89	89	81	77	76	74
1st Stage Cylinder Disch. Temperature A	TE-2054 A	deg		226	297	201	204	204	202	201	201	200	200	203	204	206	207	206	207	207	206	205	203	203	201	201	200	198	197
2nd Stage Cylinder Disch. Temperature A	TE-2062 A	deg		258	283	216	214	214	213	209	208	206	207	212	213	216	217	216	217	218	216	214	214	213	209	207	204	202	200
1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg		226	297	204	202	202	201	202	202	199	199	201	203	204	205	205	205	206	205	204	203	204	203	200	199	198	197
2nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg		258	283	216	213	213	210	208	208	206	207	212	213	215	216	215	216	218	219	214	213	213	209	207	204	202	200
Motor Frame Vibration	VT-1015	IPS			0.15	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05	.05	.05	.04	.04	.04	.04	.04	.04
Compresser Frame Vibration	VT-1512	IPS			0.35	.03	.03	.03	.03	.03	.03	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.03	.03	.03	.03	.03	.03
Take Once per Shift / at Full Load		psig		Max psid	When the differential pressure exceeds Max psid the filter should be changed out. Notify System Engineer																								
Natural Gas Comp.Discharge Press.												560																	
Double Block and Bleed Pressure	A63FGDT	49-48=psid			8							555																	
Fuel Gas Supply Pressure	A63FTGST	50-49=psid			20							543																	

DATE 3-30-2021

SIGNATURE

Mid Shift Bob Ang

Days Shift Josh Ames

Notes

Utilities and Institutional Facilities

Date: 3-31-2021

MST / MDT (circle one)

Time Gas Introduced (Turbine Rolling):

Time of Turbine Online (Enter Closed):

Time Turbine Offline (Enter Open):

Time No Gas Flow:

CGTG HOURLY READING LOG

Notes:

	Instrument Air Compressor	I.D	Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Blowdown Dry Receiver Tank Hourly	BVT-015	√				√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
2	Blowdown Wet Receiver Tank Hourly	BVT-007	√				√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
3	Wet Receiver Air Pressure	PI-002	psig	90	105	120	109	110	106	110	107	110	108	108	117	108	108	104	108	110	112	110	104	108	110	107	108	110	109	110
4	Instrument Temperature	TI-001	deg C		20	50	16	15	15	15	14	14	14	14	16	17	19	19	20	21	21	22	22	22	21	21	21	20	18	17
5	Fin Fan Cooler		Units	Low	Norm	Max																								
6	Coolant Pressure	PI-250	psig		25		19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
7	Coolant PLC Temperature	TI-002	deg F	100	110	120	107	109	110	108	107	109	100	106	102	110	100	109	101	111	98	99	106	100	103	108	101	109	106	102
8	Sight glass Level Expansion Tank	LI-001	LEVEL	1/3	2/3	FULL	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8
9	Coolant Return Differential from GG	FI-001	in WC		60	80	60	60	60	60	60	60	60	60	60	60	60	60	62	60	60	60	60	60	60	60	60	60	60	60
10	Coolant Return Differential from	FI-002	in WC		37	50	35	31	35	33	30	35	35	35	36	35	35	36	36	37	37	39	36	35	35	35	35	35	55	55
11	Control Room		Units	Low	Norm	Max																								
12	Room Temperature		deg F		72	85	71	71	71	70	72	72	72	72	70	70	71	72	72	72	71	71	72	72	72	72	72	72	72	72
15	WECC Log		Operational?																											
16	Operation of PSS/on at 6.8MW		Yes (Y)			No (N)	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
17	Operation of AVR Voltage Mode @ 13.6 KV		Yes (Y)			No (N)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
	Entronic Control System		Units	Low	Norm	Max																								
	(18-20 found on Air Diagram page)																													
18	2000 gal Oil Water Tank Level	LI-251	%			70%	17	17	17	17	17	17	17	18	18	18	17	17	17	17	16	16	16	16	16	16	16	17	17	
19	10 gal gas TG Drain Tank (Air Diagram page)	LI-250	%			70%	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
20	Record on hard S/D trip over 4500 rpm NL Compressor (on line trip)	AS8GSD ST-01	psig	35	29																									
21	Acknowledge Alarms Hourly		√				√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
	(22-24 found on Power Management page)																													
22	Generator Current		Amps			3427	1087	1096	1105	1112	1125	1110	1126	1118	1098	1089	1070	1067	1040	1025	1010	999	1010	1013	1039	1056	1051	1061	1074	1077
23	Mw Output		MW			27	25.8	26.0	26.2	26.4	26.7	26.6	26.7	26.5	26.0	26.7	25.4	25.2	24.7	24.3	24.0	23.8	24.0	24.0	24.6	25.0	24.9	25.1	25.5	25.6
24	20% Base Load Minimum		MW				20.9	21.1	21.2	21.3	21.5	21.4	21.5	21.3	20.9	20.6	20.3	20.2	19.8	19.7	19.5	19.4	19.4	19.5	19.7	20.1	20.0	20.2	20.3	26.6
25	Running Hours (unit overview)						6067	6068	6069	6070	6071	6072	6073	6074	6075	6076	6077	6078	6079	6080	6081	6082	6083	6084	6085	6086	6087	6088	6089	6090
26	Ambient Temperature	T1 Inlet					34	33	32	30	28	28	28	30	34	37	41	42	47	50	52	54	53	52	50	44	45	43	40	38
	(27-28 found on Gas Fuel System page)																													
27	Waste Oil Tank	LI-120	%			70%	52	52	52	52	52	52	52	52	51	51	50	50	51	51	51	52	53	53	53	53	54	54	54	54
28	Total Fuel Flow		Mscf/h																											

Date: 3-31-2021

Signature: Bob Lang

Natural Gas Compressor		Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
GAS COMPRESSOR START TIME																													
Combustible Gas Detector	AAH-803	%		0%	20%																								
Packing Lube Oil Flow Indicator Left Side	FSL-1501B	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
Liquid Level Coalescing	LI-7721	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Crankcase Bulls eye	LC-1574	LEVEL	1/4	1/2	FULL	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
Oil Day Tank Level	LI-1562	GAL	10		FULL	38	38	38	38	37	37	36	36	36	36	36	36	36	36	36	35	35	35	35	35	35	35	35	34
Lubricator Bulls eye		LEVEL	1/2	FULL		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
1st Stage Scrubber Liquid Level	LI-7416	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
2nd Stage Scrubber Liquid Level	LI-7466	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Packing Lube Oil Flow Indicator Right Side	FSL-1501A	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
1st Stage Inlet Press.	PI-2100	psig		88	140	82	82	82	82	82	82	82	81	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82
Stage Disch. Press	PI-2101	psig		238	285	250	250	250	250	250	250	248	247	248	248	249	250	250	251	253	253	253	252	252	251	251	250	250	250
2nd Stage Inlet Press	PI-2200	psig		267	285	246	247	246	246	246	246	244	247	246	246	245	245	246	247	249	249	249	249	249	246	246	246	246	246
2nd Stage Disch. Press	PI-2201	psig		575	600	565	565	564	564	565	565	564	564	564	564	564	564	564	564	564	564	563	563	563	564	564	564	564	564
Final Discharge Pressure	PI-2108	psig		575	600	560	560	560	560	560	560	559	559	559	559	559	560	560	560	560	559	559	559	559	560	560	560	560	560
Lube Oil Pressure	PI-1572	psig	40	60		57	57	57	57	57	57	57	57	57	57	57	57	57	57	58	58	57	58	58	58	57	57	57	57
Lube Oil Temp	TE-1584	deg		150	170	164	164	164	168	170	165	169	169	169	169	170	170	170	169	167	167	166	166	166	167	167	169	170	170
Final Discharge Temp	TE-2120	deg		110	150	74	73	73	72	72	72	70	70	72	74	77	80	84	86	91	92	92	92	90	88	87	83	79	77
1st Stage Cylinder Disch. Temperature A	TE-2054 A	deg		226	297	197	196	197	196	196	196	194	196	195	198	199	200	201	203	204	204	204	204	203	202	202	201	198	197
2nd Stage Cylinder Disch. Temperature A	TE-2062 A	deg		258	283	200	199	199	198	198	197	196	197	197	200	203	205	208	210	215	216	215	213	211	210	209	207	205	201
1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg		226	297	197	196	196	195	195	194	193	196	195	196	198	195	200	203	203	203	203	203	201	200	200	199	197	196
2nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg		258	283	200	199	198	197	196	195	196	197	197	200	203	204	208	210	215	215	215	215	213	211	211	207	205	201
Motor Frame Vibration	VT-1015	IPS			0.15	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.06	.05	.05	.04	.04	.03	.05	.04	.04
Compresser Frame Vibration	VT-1512	IPS			0.35	.05	.05	.01	.05	.05	.05	.05	.05	.06	.05	.05	.05	.05	.05	.05	.05	.05	.05	.01	.05	.01	.06	.05	.05
Take Once per Shift / at Full Load		psig		Max psid		When the differential pressure exceeds Max psid the filter should be changed out. Notify System Engineer																							
Natural Gas Comp.Discharge Press.								560										560											
Double Block and Bleed Pressure	A63FGDT	49-48=psid			8			555										555											
Fuel Gas Supply Pressure	A63FTGST	50-49=psid			20			547										543											

DATE 3-31-2021

SIGNATURE

Mid Shift

Days Shift

Notes

Utilities and Institutional Facilities

Date: 04-01-2021

VAST / VERT (circle one)

Time Gas introduced (Turbine Rolling):

Time of Turbine Online (Brkr Closed):

Time Turbine Offline (Brkr Open):

Time No Gas Flow:

Notes:

CGTG HOURLY READING LOG

	Instrument Air Compressor	I.D	Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Blowdown Dry Receiver Tank Hourly	BVT-012	√				√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
2	Blowdown Wet Receiver Tank Hourly	BVT-007	√				√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
3	Wet Receiver Air Pressure	PI-002	psig	93	105	120	168	110	110	108	100	104	107	109	110	113	112	112	110	114	114	112	110	107	110	108	105	108	110	105
4	Instrument Temperature	TI-001	deg C		20	50	17	16	16	16	16	15	16	16	18	20	20	22	22	23	23	23	24	24	22	22	22	22	20	20
5	Fin Fan Cooler		Units	Low	Norm	Max																								
6	Coolant Pressure	PI-250	psig		25		19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
7	Coolant PLC Temperature	TI-002	deg F	100	110	120	108	110	103	108	107	107	106	108	99	101	104	101	106	98	102	104	109	107	99	101	100	104	110	108
8	Sight glass Level Expansion Tank	LI-001	LEVEL	1/3	2/3	FULL	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8
9	Coolant Return Differential from GG	FI-001	In WC		50	80	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
10	Coolant Return Differential from	FI-002	In WC		37	50	35	35	35	31	35	35	35	35	36	36	36	36	36	37	37	37	36	36	35	35	35	35	35	35
11	Control Room		Units	Low	Norm	Max																								
12	Room Temperature		deg F		72	85	72	72	72	71	72	72	74	74	73	72	72	72	72	72	72	72	70	72	72	72	72	72	72	72
15	WECC Log		Operational?																											
16	Operation of PSS/on at 6.5MW		Yes (Y)			No (N)	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
17	Operation of AVR Voltage Mode @ 13.6 KV		Yes (Y)			No (N)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N
	Entronic Control System		Units	Low	Norm	Max																								
	(18–20 found on Air Diagram page)																													
18	2000 gal Oil Water Tank Level	LI-221	%			70%	17	17	17	17	17	17	17	18	17	17	17	17	17	17	16	16	16	16	16	16	16	16	16	16
19	10 gal gas TG Drain Tank (Air Diagram page)	LI-220	%			70%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Record on hard S/D trip over 4500 rpm NL Compressor (on line trip)	AESGSD ST-01	psig	35	20																									
21	Acknowledge Alarms Hourly		√				√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
	(22–24 found on Power Management page)																													
22	Generator Current		Amps			1427	1090	1092	1099	1099	1097	1112	1101	1079	1060	1053	1033	1018	993	970	974	969	972	974	1008	1004	1007	1030	1028	1033
23	Mw Output		MW			27	25.9	26.0	26.1	26.0	26.1	26.3	26.1	25.6	25.1	24.9	24.5	24	23.6	23	23.2	23	23.1	23.	23.9	23.9	23.9	24.5	24.5	24.5
24	80% Base Load Minimum		MW				20.6	20.9	21.0	20.9	20.9	21.1	20.9	20.5	20.2	20	19.7	19.4	19.2	19	19	18.9	19	19	19.5	19.5	19.5	19.8	19.8	19.8
25	Running Hours (unit overview)						6091	6092	6093	6094	6095	6096	6097	6098	6099	6100	6101	6102	6103	6104	6105	6106	6107	6108	6109	6110	6111	6112	6113	6114
26	Ambient Temperature	T1 Inlet					36	34	34	34	35	32	34.7	39.7	43.2	46.4	50.2	53.1	54.3	58.5	59.2	59.9	59.4	59.8	54	54	52	50	48	48
	(27–28 found on Gas Fuel System page)																													
27	Waste Oil Tank	LI-220	%			70%	54	54	54	54	54	54	54	53	52	52	50	50	50	50	52	52	52	52	52	52	52	52	52	52
28	Total Fuel Flow		Mscf/h																											

Date: 04-01-2021 Signature: JLW

CGTG TURBINE

UTILITIES AND INFRASTRUCTURE

Natural Gas Compressor		Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
GAS COMPRESSOR START TIME																													
Combustible Gas Detector	AAH-303	%		0%	20%																								
Packing Lube Oil Flow Indicator Left Side	FSL-1501B	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
Liquid Level Coalescing	LI-7721	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Crankcase Bulls eye	LC-1574	LEVEL	1/4	1/2	FULL	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/8	1/2	1/8	1/2	1/2	1/8	1/8	1/2	1/2	1/2	1/2	1/2	1/2	1/2
Oil Day Tank Level	LI-1562	GAL	10		FULL	34	34	34	34	34	34	33	33	33	33	33	32	32	32	32	32	31	31	31	31	31	31	31	31
Lubricator Bulls eye		LEVEL	1/2	FULL		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
1st Stage Scrubber Liquid Level	LI-7416	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
2nd Stage Scrubber Liquid Level	LI-7466	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Packing Lube Oil Flow Indicator Right Side	FSL-1501A	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
1st Stage Inlet Press.	PI-2100	psig		88	140	82	82	82	82	82	82	81	82	82	82	82	82	82	82	82	82	82	82	83	83	83	83	83	83
Stage Disch. Press	PI-2101	psig		238	285	250	250	250	250	250	246	248	249	249	250	252	252	253	253	253	253	254	254	254	254	254	253	252	253
2nd Stage Inlet Press	PI-2200	psig		267	285	246	246	246	246	246	246	244	245	245	246	247	248	249	250	249	249	250	251	250	250	250	249	249	249
2nd Stage Disch. Press	PI-2201	psig		575	600	564	565	564	564	564	564	564	564	564	564	564	564	564	565	564	564	564	564	565	565	565	564	564	565
Final Discharge Pressure	PI-2108	psig		575	600	560	560	560	560	560	560	559	559	559	560	560	560	560	560	559	559	560	560	560	560	560	560	560	560
Lube Oil Pressure	PI-1572	psig	40	60		57	57	57	57	57	57	57	57	57	57	57	58	59	59	59	59	59	59	59	59	59	58	58	58
Lube Oil Temp	TE-1584	deg		150	170	170	169	170	169	170	170	169	170	170	169	172	169	169	163	163	164	163	162	163	166	166	168	168	168
Final Discharge Temp	TE-2120	deg		110	150	77	75	74	74	74	73	70	78	80	83	84	92	96	98	99	99	99	98	91	91	91	90	86	86
1st Stage Cylinder Disch. Temperature A	TE-2054 A	deg		226	297	197	197	197	196	197	196	194	196	199	200	200	204	206	209	209	209	209	208	205	205	205	203	203	203
2nd Stage Cylinder Disch. Temperature A	TE-2062 A	deg		258	283	201	200	200	199	200	199	196	198	204	207	208	214	219	222	223	223	223	221	218	218	218	216	215	215
1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg		226	297	196	196	196	195	196	195	194	196	198	202	202	203	204	207	207	207	207	207	204	204	204	202	202	202
2nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg		258	283	200	200	200	199	200	199	196	199	204	206	208	214	218	222	223	224	222	220	215	215	215	213	212	212
Motor Frame Vibration	VT-1015	IPS			0.15	.04	.04	.05	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05	.05	.05	.05	.04	.04	.04	.04	.04	.04
Compresser Frame Vibration	VT-1512	IPS			0.35	.01	.05	.03	.05	.01	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05
Take Once per Shift / at Full Load		psig		Max psid		When the differential pressure exceeds Max psid the filter should be changed out. Notify System Engineer																							
Natural Gas Comp.Discharge Press.										560																			
Double Block and Bleed Pressure	A63FGDT	49-48=psid			8					555																			
Fuel Gas Supply Pressure	A63FTGST	50-49=psid			20					542																			

DATE	04-01-2021
SIGNATURE	JLW
Mid Shift	
Days Shift	
Notes	

Utilities and Institutional Facilities

Date: APRIL 02 2021

DST / MDT (circle one)

Time Gas Introduced (Turbine Rolling):

Time of Turbine Online (Enter Closed):

CSTG HOURLY READING LOG

Time Turbine Offline (Enter Open): 1205

Time No Gas Flow: 1234 MANUAL OPEN TRIP ON LOW GAS

Notes: PSS UNAVAILABLE

	Instrument Air Compressor	LD	Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Blowdown Dry Receiver Tank Hourly	SVT-015	V				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓													
2	Blowdown Wet Receiver Tank Hourly	SVT-007	V				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓													
3	Wet Receiver Air Pressure	PI-002	psig	90	105	120	108	110	110	105	108	110	114	110	110	109	113													
4	Instrument Temperature	TI-001	deg C		28	58	20	20	20	20	20	20	18	18	19	20	22													
5	Fin Fan Cooler		Units	Low	Norm	Max																								
6	Coolant Pressure	PI-250	psig		25		19	19	19	19	19	19	19	19	19	19	19													
7	Coolant PLC Temperature	TI-002	deg F	100	110	120	103	100	102	104	100	99	98	100	106	103	110													
8	Sight glass Level Expansion Tank	LI-001	LEVEL	1/8	2/8	FULL	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8													
9	Coolant Return Differential from GG	PI-001	In WC		60	80	60	60	60	60	60	60	60	60	60	60	60													
10	Coolant Return Differential from	PI-002	In WC		37	58	35	35	35	35	35	35	35	35	36	36	36													
11	Control Room		Units	Low	Norm	Max																								
12	Room Temperature		deg F		72	85	70	70	70	70	70	70	75	74	73	70	70													
15	WECC Log		Operational?																											
16	Operation of PSS/on at 6.5MW		Yes (Y)			No (N)	N	N	N	N	N	N	N	N	N	N	N													
17	Operation of AVR Voltage Mode @ 13.6 KV		Yes (Y)			No (N)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y													
	Entronic Control System		Units	Low	Norm	Max																								
	(18-20 found on Air Diagram page)																													
18	2000 gal Oil Water Tank Level	LI-231	%			70%	16	16	16	16	16	16	17	17	17	17	17													
19	10 gal gas TG Drain Tank (Air Diagram page)	LI-230	%			70%	0	0	0	0	0	0	0	0	0	0	0													
20	Record on hard S/D trip over 4500 rpm HL Compressor (on line trip)	AESSGD ST-01	psig	85	28																									
21	Acknowledge Alarms Hourly		V				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓													
	(22-24 found on Power Management page)																													
22	Generator Current		Amps			3427	1039	1037	1038	1039	1056	1060	1057	1045	1022	997	979													
23	Mw Output		MW			27	24.7	24.7	24.7	24.7	25.2	25.2	25.1	24.8	24.3	23.8	23.3													
24	80% Base Load Minimum		MW				20.0	20.0	20.0	20.0	20.4	20.4	20.3	20.1	19.7	19.4	19.1													
25	Running Hours (unit overview)						6115	6116	6117	6118	6119	6120	6121	6122	6123	6124	6125													
26	Ambient Temperature	T1 Inlet					49	49	48	47	42	42	42.3	44.6	49.5	53.6	58.3													
	(27-28 found on Gas Fuel System page)																													
27	Waste Oil Tank	LI-120	%			70%	52	52	52	50	52	52	54	53	53	51	50													
28	Total Fuel Flow		Mscf/h																											

Date: APRIL 02 2021 Signature: J A Wall

Natural Gas Compressor		Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
GAS COMPRESSOR START TIME																													
Combustible Gas Detector	AAH-303	%		0%	20%																								
Packing Lube Oil Flow Indicator Left Side	FSL-1501B	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B													
Liquid Level Condensing	LI-7721	LIQID		EMPTY	ANY	E	E	E	E	E	E	1/8	1/8	1/8	1/8	1/8													
Crankcase Bulls eye	LC-1574	LEVEL	1/4	1/2	FULL	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2													
Oil Day Tank Level	LI-1562	GAL	10		FULL	30	30	29	29	29	29	30	30	30	30	30													
Lubricator Bulls eye		LEVEL	1/2	FULL		F	F	F	F	F	F	F	F	F	F	F													
1st Stage Scrubber Liquid Level	LI-7416	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E													
2nd Stage Scrubber Liquid Level	LI-7466	LIQID		EMPTY	ANY	E	E	E	E	E	E	E	E	E	E	E													
Packing Lube Oil Flow Indicator Right Side	FSL-1501A	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B													
1st Stage Inlet Press.	PI-2100	psig		88	140	83	83	83	83	82	82	92	82	82	82	82													
Stage Disch. Press	PI-2101	psig		238	285	252	252	252	253	253	253	250	249	251	251	253													
2nd Stage Inlet Press	PI-2200	psig		267	285	248	248	248	248	249	249	246	245	247	247	249													
2nd Stage Disch. Press	PI-2201	psig		575	600	564	564	565	563	564	564	564	564	564	564	564													
Final Discharge Pressure	PI-2108	psig		575	600	560	560	560	560	560	560	560	560	560	560	560													
Lube Oil Pressure	PI-1572	psig	40	60		58	58	58	58	59	59	59	59	58	58	58													
Lube Oil Temp	TE-1584	deg		150	170	169	169	169	169	170	170	169	170	169	168	165													
Final Discharge Temp	TE-2120	deg		110	150	83	83	93	83	82	82	80	80	87	91	96													
1st Stage Cylinder Disch. Temperature A	TE-2054 A	deg		226	297	201	201	201	201	200	200	199	200	202	204	207													
2nd Stage Cylinder Disch. Temperature A	TE-2062 A	deg		258	283	208	208	208	208	206	208	205	205	209	213	219													
1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg		226	297	201	201	201	201	200	200	198	198	201	203	205													
2nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg		258	283	208	208	208	208	209	209	205	206	209	213	219													
Motor Frame Vibration	VT-1015	IPS			0.15	.04	.04	.04	.04	.04	.04	.04	.04	.05	.04	.04													
Compresser Frame Vibration	VT-1512	IPS			0.35	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05													
Take Once per Shift / at Full Load		psig		Max psid		When the differential pressure exceeds Max psid the filter should be changed out. Notify System Engineer																							
Natural Gas Comp.Discharge Press.																													
Double Block and Bleed Pressure	A63FGDT	49-48=psid			8																								
Fuel Gas Supply Pressure	A63FTGST	50-49=psid			20																								

DATE	APRIL 02 2021
SIGNATURE	
Mid Shift	
Days Shift	

Notes

Date: 4-16-2021

MST / MDT (circle one)

Time Gas Introduced (Turbine Rolling): 1602

Time of Turbine Online (Brkr Closed): 1519

CSTG HOURLY READING LOG

Time Turbine Offline (Brkr Open): 1530

Time No Gas Flow: 1459

1433 1458 1550 1627 1459 1530 1645

Notes: 3 START ATTEMPTS. UNIT TRIPPED ON GEARBOX VIBRATION

							1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	Instrument Air Compressor	LD	Units	Low	Norm	Max																								
1	Blowdown Dry Receiver Tank Hourly	BVT-015	V																											
2	Blowdown Wet Receiver Tank Hourly	BVT-007	V																											
3	Wet Receiver Air Pressure	PI-002	psig	90	105	120																								
4	Instrument Temperature	TI-001	deg C		20	50																								
5	Fin Fan Cooler		Units	Low	Norm	Max																								
6	Coolant Pressure	PI-250	psig		25																									
7	Coolant PLC Temperature	TI-002	deg F	100	110	120																								
8	Sight glass Level Expansion Tank	LI-001	LEVEL	1/3	2/3	FULL																								
9	Coolant Return Differential from GG	PI-001	in WC		60	80																								
10	Coolant Return Differential from	PI-002	in WC		37	50																								
11	Control Room		Units	Low	Norm	Max																								
12	Room Temperature		deg F		72	85																								
15	WECC Log		Operational?																											
16	Operation of PSS/ on at 6.9kW		Yes (Y)			No (N)																								
17	Operation of AVR Voltage Mode @ 13.6 KV		Yes (Y)			No (N)																								
	Entronic Control System		Units	Low	Norm	Max																								
	(18-20 found on Air Diagram page)																													
18	2000 gal Oil Water Tank Level	LI-231	%			70%																								
19	10 gal gas TG Drain Tank (Air Diagram page)	LI-230	%			70%																								
20	Record on hard S/D trip over 4500 rpm HL Compressor (on line trip)	AES/GSD ST-01	psig	35	20																									
21	Acknowledge Alarms Hourly		V																											
	(22-24 found on Power Management page)																													
22	Generator Current		Amps			1427																								
23	Mw Output		MW			27																								
24	80% Base Load Minimum		MW																											
25	Running Hours (unit overview)																													
26	Ambient Temperature	T2 Inlet																												
	(27-28 found on Gas Fuel System page)																													
27	Waste Oil Tank	LI-120	%			70%																								
28	Total Fuel Flow		Mscf/h																											

Date: 4-16-2021 Signature:

COTG TURBINE

UTILITIES AND INFRASTRUCTURE

Natural Gas Compressor	1355	Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
GAS COMPRESSOR START TIME	1030																												
Combustible Gas Detector	AAH-303	%		0%	20%																								
Packing Lube Oil Flow Indicator Left Side	FSL-1501B	LIGHT		BLINK																									
Liquid Level Coalescing	LI-7721	LIQID		EMPTY	ANY																								
Crankcase Bulls eye	LC-1574	LEVEL	1/4	1/2	FULL																								
Oil Day Tank Level	LI-1562	GAL	30		FULL																								
Lubricator Bulls eye		LEVEL	1/2	FULL																									
1st Stage Scrubber Liquid Level	LI-7416	LIQID		EMPTY	ANY																								
2nd Stage Scrubber Liquid Level	LI-7466	LIQID		EMPTY	ANY																								
Packing Lube Oil Flow Indicator Right Side	FSL-1501A	LIGHT		BLINK																									
1st Stage Inlet Press.	PI-2100	psig		88	140																								
Stage Disch. Press	PI-2101	psig		238	285																								
2nd Stage Inlet Press	PI-2200	psig		267	285																								
2nd Stage Disch. Press	PI-2201	psig		575	600																								
Final Discharge Pressure	PI-2108	psig		575	600																								
Lube Oil Pressure	PI-1572	psig	40	60																									
Lube Oil Temp	TE-1584	deg		150	170																								
Final Discharge Temp	TE-2120	deg		110	150																								
1st Stage Cylinder Disch. Temperature A	TE-2054 A	deg		226	297																								
2nd Stage Cylinder Disch. Temperature A	TE-2062 A	deg		258	283																								
1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg		226	297																								
2nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg		258	283																								
Motor Frame Vibration	VT-1015	IPS			0.15																								
Compresser Frame Vibration	VT-1512	IPS			0.35																								
Take Once per Shift / at Full Load		psig		Max psid	When the differential pressure exceeds Max psid the filter should be changed out. Notify System Engineer																								
Natural Gas Comp.Discharge Press.																													
Double Block and Bleed Pressure	A63FGDT	49-48=psid			8																								
Fuel Gas Supply Pressure	A63FTGST	50-49=psid			20																								

DATE 4-16-2021

SIGNATURE

Mid Shift

Days Shift

Notes 1127 Compressor stop per Joe + Herman

Date: 4-19-21

(MST) / (MDT (circle one))

Time Gas Introduced (Turbine Rolling): 1346

Time of Turbine Online (Enter Closed): 1538

Time Turbine Offline (Enter Open):

Time No Gas Flow:

CSTG HOURLY READING LOG

Notes: PSS UNAVAILABLE

	Instrument Air Compressor	I.D	Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Blowdown Dry Receiver Tank Hourly	SVT-011	V																				✓	✓	✓	✓	✓	✓	✓	✓
2	Blowdown Wet Receiver Tank Hourly	SVT-012	V																				✓	✓	✓	✓	✓	✓	✓	✓
3	Wet Receiver Air Pressure	PI-002	psig	90	105	130																	111	105	108	110	108	105	112	105
4	Instrument Temperature	TI-001	deg C		28	50																	21	21	20	20	20	20	20	20
5	Fin Fan Cooler		Units	Low	Norm	Max																								
6	Coolant Pressure	PI-250	psig		25																									
7	Coolant PLC Temperature	TI-002	deg F	100	110	120																	19	19	19	19	19	19	19	19
8	Sight glass Level Expansion Tank	LI-001	LEVEL	1/3	2/3	FULL																	110	108	115	112	100	106	108	101
9	Coolant Return Differential from GG	PI-001	in WC		80	80																	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
10	Coolant Return Differential from	PI-002	in WC		87	50																	63	63	60	60	60	60	60	60
11	Control Room		Units	Low	Norm	Max																	36	35	35	35	35	35	35	35
12	Room Temperature		deg F	65	72	85																								
15	WECC Log		Operational?																				70	70	70	70	70	70	71	71
16	Operation of PSS/en at 6.9MW		Yes (Y)			No (N)																								
17	Operation of AVR Voltage Mode @ 13.6 KV		Yes (Y)			No (N)																	N/A	N/A	NA	NA	NA	NA	NA	NA
	Entronic Control System		Units	Low	Norm	Max																	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	(18-20 found on Air Diagram page)																													
18	2000 gal Oil Water Tank Level	LI-231	%			70%																								
19	10 gal gas TG Drain Tank (Air Diagram page)	LI-230	%			70%																								
20	Record on hard S/D trip over 4500 rpm HL Compressor (on line trip)	AESSSD ST-01	psig	85	20																		16	16	16	16	16	16	16	16
21	Acknowledge Alarms Hourly		V																				0	0	0	0	0	0	0	0
	(22-24 found on Power Management page)																													
22	Generator Current		Amps			3427																	✓	✓	✓	✓	✓	✓	✓	✓
23	Mw Output		MW			27																	948	945	977	983	993	990	1008	1011
24	50% Base Load Minimum		MW																				22.5	22.5	23.0	23.3	23.6	23.6	23.9	24.0
25	Running Hours (unit overview)																						19.0	19.0	19.2	19.4	19.5	19.5	19.7	19.7
26	Ambient Temperature	T2 Inlet																					6131	6131	6133	6134	6135	6136	6137	6138
	(27-28 found on Gas Fuel System page)																						58.8	59.5	56	54	53	50	50	49
27	Waste Oil Tank	LI-220	%			70%																								
28	Total Fuel Flow		Mscf/h																				57	57	57	57	57	57	57	57

Date: 4-19-21 Signature: Rmlm

TIM
740-507-0205

COTG TURBINE

UTILITIES AND INFRASTRUCTURE

Natural Gas Compressor		Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
GAS COMPRESSOR START TIME	1325																												
Combustible Gas Detector	AAH-303	%		0%	20%																								
Packing Lube Oil Flow Indicator Left Side	FSL-1501B	LIGHT		BLINK																									
Liquid Level Coalescing	LI-7721	LIQID		EMPTY	ANY																	B	B	B	B	B	B	B	B
Crankcase Bulls eye	LC-1574	LEVEL	1/4	1/2	FULL																	E	E	E	E	E	E	E	E
Oil Day Tank Level	LI-1562	GAL	10		FULL																	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
Lubricator Bulls eye		LEVEL	1/2	FULL																		51	51	51	51	51	51	50	50
1st Stage Scrubber Liquid Level	LI-7416	LIQID		EMPTY	ANY																	F	F	F	F	F	F	F	F
2nd Stage Scrubber Liquid Level	LI-7466	LIQID		EMPTY	ANY																	E	E	E	E	E	E	E	E
Packing Lube Oil Flow Indicator Right Side	FSL-1501A	LIGHT		BLINK																		E	E	E	E	E	E	E	E
1st Stage Inlet Press.	PI-2100	psig		88	140																	B	B	B	B	B	B	B	B
Stage Disch. Press	PI-2101	psig		238	285																	82	82	82	83	83	82	83	83
2nd Stage Inlet Press	PI-2200	psig		257	285																	250	251	251	251	251	251	251	251
2nd Stage Disch. Press	PI-2201	psig		575	600																	246	247	247	247	247	247	247	247
Final Discharge Pressure	PI-2108	psig		575	600																	564	563	565	564	564	564	563	564
Lube Oil Pressure	PI-1572	psig	40	60																		560	559	560	560	560	560	560	560
Lube Oil Temp	TE-1584	deg		150	170																	59	59	59	59	59	59	59	59
Final Discharge Temp	TE-2120	deg		110	150																	164	164	164	166	166	166	166	166
1st Stage Cylinder Disch. Temperature A	TE-2054 A	deg		226	297																	98	97	97	94	94	92	92	90
2nd Stage Cylinder Disch. Temperature A	TE-2062 A	deg		258	283																	220	218	218	215	215	216	212	212
1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg		226	297																	225	223	223	220	220	219	219	218
2nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg		258	283																	218	214	216	215	215	213	213	210
Motor Frame Vibration	VT-1015	IPS			0.15																	226	224	224	222	222	220	220	218
Compresser Frame Vibration	VT-1512	IPS			0.35																	.05	.05	.05	.04	.04	.04	.04	.04
Take Once per Shift / at Full Load		psig		Max psid		When the differential pressure exceeds Max psid the filter should be changed out. Notify System Engineer																<.05	<.05	.04	.05	.05	.05	.05	.05
Natural Gas Comp.Discharge Press.																													
Double Block and Bleed Pressure	A63FGDT	49-48=psid			8																								
Fuel Gas Supply Pressure	A63FTGST	50-49=psid			20																								

DATE 4-19-21

SIGNATURE

Mid Shift

Days Shift

122 52 15

Notes

Utilities and Institutional Facilities

Date: APRIL 20 2021

MST / MDT (circle one)

Time GG Introduced (Turbine Rolling):

Time of Turbine Online (Bkr Closed):

CGTG HOURLY READING LOG

Time Turbine Offline (Bkr Open): 1240

Time No Gas Flow: 1251

Notes: PSS UNAVAILABLE
TIM 740 ~~50.7~~ 0205

	Instrument Air Compressor	I.D	Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Blowdown Dry Receiver Tank Hourly	BVT-013	√				✓	✓	✓	✓	✓	✓	✓	✓			✓	✓												
2	Blowdown Wet Receiver Tank Hourly	BVT-007	√				✓	✓	✓	✓	✓	✓	✓	✓	T	P	✓	✓												
3	Wet Receiver Air Pressure	PI-002	psig	90	105	120	108	110	110	108	110	108	106	111	E	S	110	109												
4	Instrument Temperature	TI-001	deg C		20	50	20	20	20	18	18	18	19	19	S	S	19	20												
5	Fin Fan Cooler		Units	Low	Norm	Max																								
6	Coolant Pressure	PI-250	psig		25		19	19	19	19	19	19	19	19	T	T	19	19												
7	Coolant PLC Temperature	TT-002	deg F	100	110	120	101	100	99	102	111	104	103	104	I	E	101	111												
8	Sight glass Level Expansion Tank	LI-001	LEVEL	1/3	2/3	FULL	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	N	S	1/2	1/2												
9	Coolant Return Differential from GG	PI-001	in WC	50	80		60	60	60	60	60	60	60	60	G	T	62	61												
10	Coolant Return Differential from	PI-002	in WC	37	58		35	35	35	35	35	35	35	35		I	36	35												
11	Control Room		Units	Low	Norm	Max										N														
12	Room Temperature		deg F	69	72	85	74	74	74	74	74	74	74	74	E	G	72	72												
15	WECC Log		Operational?																											
16	Operation of PSS/ ~~on at 6.95MW~~		Yes (Y)			No (N)	NA	NA	NA	NA	NA	NA	N/A	N/A	T		N/A	N/A												
17	Operation of AVR Voltage Mode @ 13.6 KV		Yes (Y)			No (N)	Y	Y	Y	Y	Y	Y	Y	Y	I		Y	Y												
	Entronic Control System		Units	Low	Norm	Max									N															
	(18-20 found on Air Diagram page)														I															
18	2000 gal Oil Water Tank Level	LI-251	%			70%	16	16	16	16	16	16	16	17	S		18	18												
19	10 gal gas TG Drain Tank (Air Diagram page)	LI-250	%			70%	0	0	0	0	0	0	0	0	T		0	0												
20	Record on hard S/D trip over 4500 rpm ML Compressor (on line trip)	AESSSD ST-01	psig	35	28										I															
21	Acknowledge Alarms Hourly		√				✓	✓	✓	✓	✓	✓	✓	✓	M		✓	✓												
	(22-24 found on Power Management page)																													
22	Generator Current		Amps			1427	1017	1016	1019	1036	1048	1043	1066	1036			1057	1031												
23	Mw Output		MW			27	24.2	24.2	24.1	24.5	24.6	24.8	25.3	24.7			25.0	24.4												
24	80% Base Load Minimum		MW				19.8	19.8	19.8	20.2	20.7	20.7	20.9	209			20.3	20.0												
25	Running Hours (unit overview)						6140	6141	6142	6145	6148	6149	6146	6147			6149	6150												
26	Ambient Temperature	T2 Inlet					49	48	48	40	37	37	34.2	35.2			42.1	46.6												
	(27-28 found on Gas Fuel System page)																													
27	Waste Oil Tank	LI-120	%			70%	57	57	57	57	57	57	57	57			56	54												
28	Total Fuel Flow		Mscf/h																											

Date: APRIL 20 2021 Signature:

UTILITIES AND INFRASTRUCTURE

Natural Gas Compressor		Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
GAS COMPRESSOR START TIME																													
Combustible Gas Detector	AAH-803	%		0%	20%																								
Packing Lube Oil Flow Indicator Left Side	FSL-1501B	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B													
Liquid Level Coalescing	LI-7721	LIQID		EMPTY	ANY	E	E	E	E	E	E	F	F	F	E	E													
Crankcase Bulls eye	LC-1574	LEVEL	1/4	1/2	FULL	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2													
Oil Day Tank Level	LI-1562	GAL	10		FULL	50	50	50	50	50	50	50	50	50	49	49													
Lubricator Bulls eye		LEVEL	1/2	FULL		F	F	F	F	F	F	F	F	F	F	F													
1st Stage Scrubber Liquid Level	LI-7416	LIQID		EMPTY	ANY	E	E	E	E	E	E	F	F	F	F	F													
2nd Stage Scrubber Liquid Level	LI-7466	LIQID		EMPTY	ANY	E	E	E	E	E	E	F	F	F	F	1/8													
Packing Lube Oil Flow Indicator Right Side	FSL-1501A	LIGHT		BLINK		B	B	B	B	B	B	B	B	B	B	B													
1st Stage Inlet Press.	PI-2100	psig		88	140	83	83	83	83	83	83	82	81	83	84	81													
Stage Disch. Press	PI-2101	psig		238	285	251	250	250	248	248	249	249	249	249	251	248													
2nd Stage Inlet Press	PI-2200	psig		267	285	247	247	247	245	245	244	243	243	243	244	244													
2nd Stage Disch. Press	PI-2201	psig		575	600	564	563	564	563	563	564	564	564	564	564	563													
Finial Discharge Pressure	PI-2108	psig		575	600	560	560	560	560	560	560	560	560	560	560	560													
Lube Oil Pressure	PI-1572	psig	40	60		59	59	58	58	58	58	58	58	58	58	58													
Lube Oil Temp	TE-1584	deg		150	170	166	167	167	169	169	170	170	171	169	169	168													
Final Discharge Temp	TE-2120	deg		110	150	90	88	87	85	85	80	80	80	85	82	83													
1st Stage Cylinder Disch. Temperature A	TE-2054 A	deg		226	297	212	210	210	208	208	207	207	207	207	210	210													
2nd Stage Cylinder Disch. Temperature A	TE-2062 A	deg		258	283	218	214	214	212	212	210	210	210	212	209	212													
1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg		226	297	210	209	209	207	207	204	204	204	204	207	207													
2nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg		258	283	218	215	215	212	212	210	210	210	210	209	213													
Motor Frame Vibration	VT-1015	IPS			0.15	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04													
Compresseor Frame Vibration	VT-1512	IPS			0.35	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05													
Take Once per Shift / at Full Load		psig		Max psid		When the differential pressure exceeds Max psid the filter should be changed out. Notify System Engineer																							
Natural Gas Comp.Discharge Press.																													
Double Block and Bleed Pressure	A63FGDT	49-48=psid			8																								
Fuel Gas Supply Pressure	A63FTGST	50-49=psid			20																								

DATE APRIL 20 2021

SIGNATURE

Mid Shift

Days Shift

Notes

153 196 009800 3rd 1st 30

Utilities and Institutional Facilities

Date: _____

MST / MDT (circle one)

CGTG HOURLY READING LOG

Time Gas Introduced (Turbine Rolling): 1406

Time of Turbine Online (Brkr Closed): 1438

Time Turbine Offline (Brkr Open): 1511

Time No Gas Flows: 1516

Notes: TEST RUN FOR VIBRATION ANALYSIS.

	Instrument Air Compressor	I.D	Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Blowdown Dry Receiver Tank Hourly	BVT-013	V																											
2	Blowdown Wet Receiver Tank Hourly	BVT-007	V																											
3	Wet Receiver Air Pressure	PI-002	psig	93	105	139																								
4	Instrument Temperature	TI-001	deg C		28	58																								
5	Fin Fan Cooler		Units	Low	Norm	Max																								
6	Coolant Pressure	PI-250	psig		25																									
7	Coolant PLC Temperature	TI-002	deg F	100	110	120																								
8	Sight glass Level Expansion Tank	LI-001	LEVEL	1/3	2/3	FULL																								
9	Coolant Return Differential from GG	PI-001	in WC		60	80																								
10	Coolant Return Differential from	PI-002	in WC		37	56																								
11	Control Room		Units	Low	Norm	Max																								
12	Room Temperature		deg F		72	85																								
15	WECC Log		Operations?																											
16	Operation of PSS/on at 6.5MW		Yes (Y)			No (N)																								
17	Operation of AVR Voltage Mode @ 13.6 KV		Yes (Y)			No (N)																								
	Entronic Control System		Units	Low	Norm	Max																								
	(18-20 found on Air Diagram page)																													
18	2000 gal Oil Water Tank Level	LI-231	%			70%																								
19	10 gal gas TG Drain Tank (Air Diagram page)	LI-230	%			70%																								
20	Record on hard S/D trip over 4500 rpm NL Compressor (on line trip)	ASSGCD ST-01	psig	35	20																									
21	Acknowledge Alarms Hourly		V																											
	(22-24 found on Power Management page)																													
22	Generator Current		Amps			1427																								
23	Mw Output		MW			27																								
24	80% Base Load Minimum		MW																											
25	Running Hours (unit overview)																													
26	Ambient Temperature	T1 Inlet																												
	(27-28 found on Gas Fuel System page)																													
27	Waste Oil Tank	LI-120	%			70%																								
28	Total Fuel Flow		Mscfh																											

TEST RUN

Date: 4-22-21 Signature:

OGT-6 TURBINE

UTILITIES AND INFRASTRUCTURE

Natural Gas Compressor		Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
GAS COMPRESSOR START TIME																													
Combustible Gas Detector	AAH-303	%		0%	20%																								
Packing Lube Oil Flow Indicator Left Side	FSL-1501B	LIGHT		BLINK																									
Liquid Level Coalescing	LI-7721	LIQID		EMPTY	ANY																								
Crankcase Bulls eye	LC-1574	LEVEL	1/4	1/2	FULL																								
Oil Day Tank Level	LI-1562	GAL	10		FULL																								
Lubricator Bulls eye		LEVEL	1/2	FULL																									
1st Stage Scrubber Liquid Level	LI-7416	LIQID		EMPTY	ANY																								
2nd Stage Scrubber Liquid Level	LI-7466	LIQID		EMPTY	ANY																								
Packing Lube Oil Flow Indicator Right Side	FSL-1501A	LIGHT		BLINK																									
1st Stage Inlet Press.	PI-2100	psig		88	140																								
Stage Disch. Press	PI-2101	psig		238	285																								
2nd Stage Inlet Press	PI-2200	psig		267	285																								
2nd Stage Disch. Press	PI-2201	psig		575	600																								
Final Discharge Pressure	PI-2108	psig		575	600																								
Lube Oil Pressure	PI-1572	psig	40	60																									
Lube Oil Temp	TE-1584	deg		150	170																								
Final Discharge Temp	TE-2120	deg		110	150																								
1st Stage Cylinder Disch. Temperature A	TE-2054 A	deg		226	297																								
2nd Stage Cylinder Disch. Temperature A	TE-2062 A	deg		258	283																								
1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg		226	297																								
2nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg		258	283																								
Motor Frame Vibration	VT-1015	IPS			0.15																								
Compresser Frame Vibration	VT-1512	IPS			0.35																								
Take Once per Shift / at Full Load		psig		Max psid		When the differential pressure exceeds Max psid the filter should be changed out. Notify System Engineer																							
Natural Gas Comp.Discharge Press.																													
Double Block and Bleed Pressure	A63FGDT	49-48=psid			8																								
Fuel Gas Supply Pressure	A63FTGST	50-49=psid			20																								

TEST RUN

DATE 4-22-21

SIGNATURE Randy Vail

Mid Shift

Days Shift

Notes TEST RUN FOR VIBRATION ANALYSIS. NO REGULAR ACTIVITIES

Utilities and Institutional Facilities

Date: 4-30-21

CSTG HOURLY READING LOG

MST / MDT (circle one)

Time Gas Introduced (Turbine Sailing): 1236

Time of Turbine Online (Brkr Closed): 1300

Time Turbine Offline (Brkr Open): 1341

Time No Gas Flow: 1348

Notes:

	Instrument Air Compressor	I.D	Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Blowdown Dry Receiver Tank Hourly	BVT-011	√																											
2	Blowdown Wet Receiver Tank Hourly	BVT-001	√																											
3	Wet Receiver Air Pressure	PI-002	psig	90	105	120																								
4	Instrument Temperature	TI-001	deg C		20	50																								
5	Fin Fan Cooler		Units	Low	Norm	Max																								
6	Coolant Pressure	PI-280	psig		25																									
7	Coolant PLC Temperature	TI-002	deg F	100	110	120																								
8	Sight glass Level Expansion Tank	LI-001	LEVEL	1/3	2/3	FULL																								
9	Coolant Return Differential from GG	PI-001	In WC		60	80																								
10	Coolant Return Differential from	PI-002	In WC		57	50																								
11	Control Room		Units	Low	Norm	Max																								
12	Room Temperature		deg F		72	85																								
15	WECC Log		Operational?																											
16	Operation of PSS/on at 6.5MW		Yes (Y)			No (N)																								
17	Operation of AVR Voltage Mode @ 13.6 KV		Yes (Y)			No (N)																								
	Entronic Control System		Units	Low	Norm	Max																								
	(18-20 found on Air Diagram page)																													
18	2000 gal Oil Water Tank Level	LI-281	%			70%																								
19	10 gal gas TG Drain Tank (Air Diagram page)	LI-289	%			70%																								
20	Record on hard S/D trip over 4500 rpm HL Compressor (on line trip)	ASSOCD BT-01	psig	35	20																									
21	Acknowledge Alarms Hourly		√																											
	(22-24 found on Power Management page)																													
22	Generator Current		Amps			1427																								
23	Mw Output		MW			27																								
24	80% Base Load Minimum		MW																											
25	Running Hours (unit overview)																													
26	Ambient Temperature	TS Inlet																												
	(27-28 found on Gas Fuel System page)																													
27	Waste Oil Tank	LI-120	%			70%																								
28	Total Fuel Flow		Mscf/h																											

Date: 4-30-21

Signature: [signature]

CSTG TURBINE

UTILITIES AND INFRASTRUCTURE

Natural Gas Compressor		Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
GAS COMPRESSOR START TIME	1218																												
Combustible Gas Detector	AAH-303	%		0%	20%																								
Packing Lube Oil Flow Indicator Left Side	FSL-1501B	LIGHT		BLINK																									
Liquid Level Coalescing	LI-7721	LIQID		EMPTY	ANY																								
Crankcase Bulls eye	LC-1574	LEVEL	1/4	1/2	FULL																								
Oil Day Tank Level	LI-1562	GAL	10		FULL																								
Lubricator Bulls eye		LEVEL	1/2	FULL																									
1st Stage Scrubber Liquid Level	LI-7416	LIQID		EMPTY	ANY																								
2nd Stage Scrubber Liquid Level	LI-7466	LIQID		EMPTY	ANY																								
Packing Lube Oil Flow Indicator Right Side	FSL-1501A	LIGHT		BLINK																									
1st Stage Inlet Press.	PI-2100	psig		88	140																								
Stage Disch. Press	PI-2101	psig		238	285																								
2nd Stage Inlet Press	PI-2200	psig		267	285																								
2nd Stage Disch. Press	PI-2201	psig		575	600																								
Final Discharge Pressure	PI-2108	psig		575	600																								
Lube Oil Pressure	PI-1572	psig	40	60																									
Lube Oil Temp	TE-1584	deg		150	170																								
Final Discharge Temp	TE-2120	deg		110	150																								
1st Stage Cylinder Disch. Temperature A	TE-2054 A	deg		226	297																								
2nd Stage Cylinder Disch. Temperature A	TE-2062 A	deg		258	283																								
1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg		226	297																								
2nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg		258	283																								
Motor Frame Vibration	VT-1015	IPS			0.15																								
Compresser Frame Vibration	VT-1512	IPS			0.35																								
Take Once per Shift / at Full Load		psig		Max psid		When the differential pressure exceeds Max psid the filter should be changed out. Notify System Engineer																							
Natural Gas Comp.Discharge Press.																													
Double Block and Bleed Pressure	A63FGDT	49-48=psid			8																								
Fuel Gas Supply Pressure	A63FTGST	50-49=psid			20																								

DATE 4-30-21

SIGNATURE

Mid Shift

Days Shift [signature]

Notes 1353 gas comp off

Utilities and Institutional Facilities

Date: 06.28.2021

MST / (MDT) (circle one)

Time Gas Introduced (Turbine Rolling): 1445, 1509, 1523

Time of Turbine Online (Brkr Closed):

Time Turbine Offline (Brkr Open):

Time No Gas Flow: 1605

CSTG HOURLY READING LOG

Notes: 3 START ATTEMPS. UNIT RUN AT IDLE SPEED & SYNCH. SPEED NOT LOADED

	Instrument Air Compressor	I.D	Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Blowdown Dry Receiver Tank Hourly	BVT-015	✓																											
2	Blowdown Wet Receiver Tank Hourly	BVT-007	✓																											
3	Wet Receiver Air Pressure	PI-002	psig	93	105	120																								
4	Instrument Temperature	TI-001	deg C		28	50																								
5	Fin Fan Cooler		Units	Low	Norm	Max																								
6	Coolant Pressure	PI-250	psig		25																									
7	Coolant PLC Temperature	TI-002	deg F	100	110	120																								
8	Sight glass Level Expansion Tank	LI-001	LEVEL	1/2	2/3	FULL																								
9	Coolant Return Differential from GG	PI-001	in WC		60	80																								
10	Coolant Return Differential from	PI-002	in WC		37	50																								
11	Control Room		Units	Low	Norm	Max																								
12	Room Temperature		deg F		72	85																								
15	WECC Log		Operational?																											
16	Operation of PSS/ on at 6.5MW		Yes (Y)			No (N)																								
17	Operation of AVR Voltage Mode @ 13.6 KV		Yes (Y)			No (N)																								
	Entronic Control System		Units	Low	Norm	Max																								
	(18-20 found on Air Diagram page)																													
18	2000 gal Oil Water Tank Level	LI-221	%			70%																								
19	15 gal gas TG Drain Tank (Air Diagram page)	LI-220	%			70%																								
20	Record on hard S/D trip over 4500 rpm ML Compressor (on line trip)	AESCSD ST-01	psig	35	20																									
21	Acknowledge Alarms Hourly		✓																											
	(22-24 found on Power Management page)																													
22	Generator Current		Amps			1427																								
23	Mw Output		MW			27																								
24	80% Base Load Minimum		MW																											
25	Running Hours (unit overview)																													
26	Ambient Temperature	T1 Inlet																				6154.5								
	(27-28 found on Gas Fuel System page)																													
27	Waste Oil Tank	LI-129	%			70%																								
28	Total Fuel Flow		Mscf/h																											

Date: 06.28.2021 Signature: GOMEZ

CGTG TURBINE

UTILITIES AND INFRASTRUCTURE

Natural Gas Compressor		Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
GAS COMPRESSOR START TIME	1419																												
Combustible Gas Detector	AAH-303	%		0%	20%																								
Packing Lube Oil Flow Indicator Left Side	FSL-1501B	LIGHT		BLINK																									
Liquid Level Coalescing	LI-7721	LIQID		EMPTY	ANY																								
Crankcase Bulls eye	LC-1574	LEVEL	1/4	1/2	FULL																								
Oil Day Tank Level	LI-1562	GAL	10		FULL																								
Lubricator Bulls eye		LEVEL	1/2	FULL																									
1st Stage Scrubber Liquid Level	LI-7416	LIQID		EMPTY	ANY																								
2nd Stage Scrubber Liquid Level	LI-7466	LIQID		EMPTY	ANY																								
Packing Lube Oil Flow Indicator Right Side	FSL-1501A	LIGHT		BLINK																									
1st Stage Inlet Press.	PI-2100	psig		88	140																								
Stage Disch. Press	PI-2101	psig		238	285																								
2nd Stage Inlet Press	PI-2200	psig		267	285																								
2nd Stage Disch. Press	PI-2201	psig		575	600																								
Final Discharge Pressure	PI-2108	psig		575	600																								
Lube Oil Pressure	PI-1572	psig	40	60																									
Lube Oil Temp	TE-1584	deg		150	170																								
Final Discharge Temp	TE-2120	deg		110	150																								
1st Stage Cylinder Disch. Temperature A	TE-2054 A	deg		226	297																								
2nd Stage Cylinder Disch. Temperature A	TE-2062 A	deg		258	283																								
1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg		226	297																								
2nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg		258	283																								
Motor Frame Vibration	VT-1015	IPS			0.15																								
Compresser Frame Vibration	VT-1512	IPS			0.35																								
Take Once per Shift / at Full Load		psig		Max psid		When the differential pressure exceeds Max psid the filter should be changed out. Notify System Engineer																							
Natural Gas Comp.Discharge Press.																													
Double Block and Bleed Pressure	A63FGDT	49-48=psid			8																								
Fuel Gas Supply Pressure	A63FTGST	50-49=psid			20																								

DATE 06-28-2021

SIGNATURE JA GOMEZ

Mid Shift

Days Shift

Notes START AT 1419, OFF AT 1615

Utilities and Institutional Facilities

Date: 06-29-2021

CGTG HOURLY READING LOG

MST / (MDT) (circle one)

Time Gas Introduced (Turbine Rolling): 1209
Time of Turbine Online (Brkr Closed): 1353

Time Turbine Offline (Brkr Open): 1521
Time No Gas Flow: 1528

Notes: 3 STARTS FAILED ON FLAME OUT
BREAK-IN TEST RUN FOR SIEMENS

	Instrument Air Compressor	I.D	Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Blowdown Dry Receiver Tank Hourly	BVT-013	v																											
2	Blowdown Wet Receiver Tank Hourly	BVT-007	v																											
3	Wet Receiver Air Pressure	PI-002	psig	90	105	120																								
4	Instrument Temperature	TI-001	deg C		20	50																								
5	Fin Fan Cooler		Units	Low	Norm	Max																								
6	Coolant Pressure	PI-250	psig		25																									
7	Coolant PLC Temperature	TI-002	deg F	100	110	120																								
8	Sight glass Level Expansion Tank	LI-001	LEVEL	1/3	2/3	FULL																								
9	Coolant Return Differential from GG	FI-001	In WC		60	80																								
10	Coolant Return Differential from	FI-002	In WC		37	50																								
11	Control Room		Units	Low	Norm	Max																								
12	Room Temperature		deg F		72	85																								
15	WECC Log		Operational?																											
16	Operation of PSS/on at 6.3MW		Yes (Y)			No (N)																								
17	Operation of AVR Voltage Mode @ 13.6 KV		Yes (Y)			No (N)																								
	Entronic Control System		Units	Low	Norm	Max																								
	(18–20 found on Air Diagram page)																													
18	2000 gal Oil Water Tank Level	LI-231	%			70%																								
19	10 gal gas TG Drain Tank (Air Diagram page)	LI-230	%			70%																								
20	Record on hard S/D trip over 4500 rpm NL Compressor (on line trip)	A63GGD 5T-01	psig	35	20																									
21	Acknowledge Alarms Hourly		v																											
	(22–24 found on Power Management page)																													
22	Generator Current		Amps			1427																								
23	Mw Output		MW			27														10	23									
24	80% Base Load Minimum		MW																	~~10~~	~~23~~									
25	Running Hours (unit overview)																			19.6	19.6		6157.3 HRS							
26	Ambient Temperature	T1 inlet																												
	(27–28 found on Gas Fuel System page)																													
27	Waste Oil Tank	LI-120	%			70%																								
28	Total Fuel Flow		Mscf/h																											

Date: 06-29-2021 Signature: GOMEZ, R.VIGIL

CGTG TURBINE

UTILITIES AND INFRASTRUCTURE

Natural Gas Compressor		Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
GAS COMPRESSOR START TIME	1140																												
Combustible Gas Detector	AAH-303	%		0%	20%																								
Packing Lube Oil Flow Indicator Left Side	FSL-1501B	LIGHT		BLINK															B										
Liquid Level Coalescing	LI-7721	LIQID		EMPTY	ANY														E										
Crankcase Bulls eye	LC-1574	LEVEL	1/4	1/2	FULL														1/2										
Oil Day Tank Level	LI-1562	GAL	10		FULL														48										
Lubricator Bulls eye		LEVEL	1/2	FULL															F										
1st Stage Scrubber Liquid Level	LI-7416	LIQID		EMPTY	ANY														E										
2nd Stage Scrubber Liquid Level	LI-7466	LIQID		EMPTY	ANY														E										
Packing Lube Oil Flow Indicator Right Side	FSL-1501A	LIGHT		BLINK															B										
1st Stage Inlet Press.	PI-2100	psig		88	140														84										
Stage Disch. Press	PI-2101	psig		238	285														248										
2nd Stage Inlet Press	PI-2200	psig		267	285														266										
2nd Stage Disch. Press	PI-2201	psig		575	600														566										
Final Discharge Pressure	PI-2108	psig		575	600														560										
Lube Oil Pressure	PI-1572	psig	40	60															59										
Lube Oil Temp	TE-1584	deg		150	170														165										
Final Discharge Temp	TE-2120	deg		110	150														94										
1st Stage Cylinder Disch. Temperature A	TE-2054 A	deg		226	297														224										
2nd Stage Cylinder Disch. Temperature A	TE-2062 A	deg		258	283														273										
1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg		226	297														275										
2nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg		258	283														255										
Motor Frame Vibration	VT-1015	IPS			0.15														.03										
Compresser Frame Vibration	VT-1512	IPS			0.35														.05										
Take Once per Shift / at Full Load		psig		Max psid		When the differential pressure exceeds Max psid the filter should be changed out. Notify System Engineer																							
Natural Gas Comp.Discharge Press.																													
Double Block and Bleed Pressure	A63FGDT	49-48=psid			8																								
Fuel Gas Supply Pressure	A63FTGST	50-49=psid			20																								

DATE	06.29.2021
SIGNATURE	GOMEZ
Mid Shift	
Days Shift	
Notes	

Utilities and Institutional Facilities

CGTG HOURLY READING LOG

Date: 6-30-21

MST / MDT (circle one)

Time Gas Introduced (Turbine Rolling): 0804

Time of Turbine Online (Brkr Closed): 0934

Time Turbine Offline (Brkr Open):

Time No Gas Flow:

Notes:

	Instrument Air Compressor	I.D	Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Blowdown Dry Receiver Tank Hourly	BVT-013	√													✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	Blowdown Wet Receiver Tank Hourly	BVT-007	√													✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	Wet Receiver Air Pressure	PI-002	psig	90	105	120										110	105	101	105	109	110	106	105	106	106	108	106	108	110	108
4	Instrument Temperature	TI-001	deg C		20	50										21	21	21	21	21	20	20	20	20	20	20	20	20	20	20
5	Fin Fan Cooler		Units	Low	Norm	Max										19	19	19	19	18	18	18	18	18	19	19	19	19	19	19
6	Coolant Pressure	PI-250	psig		25											104	99	99	105	100	108	104	100	105	102	103	101	104	100	108
7	Coolant PLC Temperature	TI-002	deg F	100	110	120										5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8
8	Sight glass Level Expansion Tank	LI-001	LEVEL	1/3	2/3	FULL										60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
9	Coolant Return Differential from GG	FI-001	In WC		60	80										35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
10	Coolant Return Differential from	FI-002	In WC		37	50																								
11	Control Room		Units	Low	Norm	Max										77	75	75	74	72	72	72	72	71	70	70	70	70	70	70
12	Room Temperature		deg F		72	85																								
15	WECC Log		Operational?													Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N
16	Operation of PSS/on at 6.3MW		Yes (Y)			No (N)										Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
17	Operation of AVR Voltage Mode @ 13.6 KV		Yes (Y)			No (N)																								
	Entronic Control System		Units	Low	Norm	Max																								
	(18–20 found on Air Diagram page)																													
18	2000 gal Oil Water Tank Level	LI-231	%			70%										33	30	33	30	30	37	32	30	33	33	33	33	33	35	33
19	10 gal gas TG Drain Tank (Air Diagram page)	LI-230	%			70%										0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Record on hard S/D trip over 4500 rpm NL Compressor (on line trip)	A63GGD 5T-01	psig	35	20											Y	Y	Y	Y	Y	Y	4	4	4	Y	Y	Y	Y	Y	Y
21	Acknowledge Alarms Hourly		√																											
	(22–24 found on Power Management page)																													
22	Generator Current		Amps			1427										987	972	968	982.5	97C	984	9666	967	967	968	971	970	969	973	968
23	Mw Output		MW			27										23.5	23.2	23.1	23.5	23.3	23.5	23.0	23.0	23.0	23.1	23.1	23.1	23.1	23.1	23.1
24	80% Base Load Minimum		MW													19.1	18.9	18.8	19.0	18.9	19.0	18.0	18.8	18.0	18.9	18.9	18.9	18.9	18.9	18.9
25	Running Hours (unit overview)															6159	6200	6161	6166	6163	6164	6165	6166	6167	6168	6169	6170	6171	6172	6173
26	Ambient Temperature	T1 inlet														57.0	60.6	61.5	61.1	59.7	58.5	61.7	61.5	64	64	60	60	60	60	60
	(27–28 found on Gas Fuel System page)																													
27	Waste Oil Tank	LI-120	%			70%										59	59	59	59	59	59	59	59	59	59	59	59	60	60	60
28	Total Fuel Flow		Mscf/h													6.0	6.0	6.0	[illegible]	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0

Date: 6-30-21 Signature: [signature]

CGTG TURBINE

UTILITIES AND INFRASTRUCTURE

Natural Gas Compressor		Units	Low	Norm	Max	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
GAS COMPRESSOR START TIME	0745																												
Combustible Gas Detector	AAH-303	%		0%	20%										V	B	B	B	B	B	B	B	B	B	B	B	B	B	B
Packing Lube Oil Flow Indicator Left Side	FSL-1501B	LIGHT		BLINK											E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Liquid Level Coalescing	LI-7721	LIQID		EMPTY	ANY										1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
Crankcase Bulls eye	LC-1574	LEVEL	1/4	1/2	FULL										46	46	46	46	46	46	46	46	46	46	46	46	46	46	46
Oil Day Tank Level	LI-1562	GAL	10		FULL										F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
Lubricator Bulls eye		LEVEL	1/2	FULL											E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
1st Stage Scrubber Liquid Level	LI-7416	LIQID		EMPTY	ANY										E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
2nd Stage Scrubber Liquid Level	LI-7466	LIQID		EMPTY	ANY										Y	B	B	B	B	B	B	B	B	B	B	B	B	B	B
Packing Lube Oil Flow Indicator Right Side	FSL-1501A	LIGHT		BLINK											82	82	82	83	83	83	83	83	83	83	83	83	83	83	83
1st Stage Inlet Press.	PI-2100	psig		88	140										248	249	249	249	249	249	250	250	250	251	251	251	251	251	251
Stage Disch. Press	PI-2101	psig		238	285										244	245	245	245	246	246	246	246	246	247	247	247	247	247	247
2nd Stage Inlet Press	PI-2200	psig		267	285										563	563	563	563	563	563	564	564	564	565	565	565	565	564	564
2nd Stage Disch. Press	PI-2201	psig		575	600										559	559	560	559	559	559	560	560	560	560	560	560	560	560	560
Final Discharge Pressure	PI-2108	psig		575	600										59	59	59	59	59	59	59	59	59	59	59	59	59	59	59
Lube Oil Pressure	PI-1572	psig	40	60											165	165	164	163	164	163	164	164	164	163	163	163	163	164	164
Lube Oil Temp	TE-1584	deg		150	170										96	99	101	97	97	97	99	99	99	99	99	99	99	98	98
Final Discharge Temp	TE-2120	deg		110	150										231	234	233	230	230	226	231	231	231	230	230	230	230	229	229
1st Stage Cylinder Disch. Temperature A	TE-2054 A	deg		226	297										227	231	232	228	228	225	230	230	230	230	230	230	230	228	228
2nd Stage Cylinder Disch. Temperature A	TE-2062 A	deg		258	283										228	231	231	228	230	224	228	229	229	228	228	228	228	227	227
1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg		226	297										227	232	232	229	229	226	231	231	231	231	231	231	231	229	229
2nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg		258	283										03	03	03	03	03	03	03	03	03	.03	.03	.03	.03	.03	.03
Motor Frame Vibration	VT-1015	IPS			0.15										05	05	05	05	05	05	05	05	05	.05	.05	.05	.05	.05	.05
Compresser Frame Vibration	VT-1512	IPS			0.35																								
Take Once per Shift / at Full Load		psig		Max psid		When the differential pressure exceeds Max psid the filter should be changed out. Notify System Engineer																									
Natural Gas Comp.Discharge Press.																													
Double Block and Bleed Pressure	A63FGDT	49-48=psid			8																								
Fuel Gas Supply Pressure	A63FTGST	50-49=psid			20																								

DATE 6-30-21

SIGNATURE

Mid Shift

Days Shift 1231765

Notes

ATTACHMENT A1307.E.

TA-03 Power Plant

FGR Fan Inspection and Maintenance

Facility : F08 **Unit :** 030022 **Proj :**
Task Title : PP 1M TA3-22 FGR BEARINGS, LUBRICATE
W/O Type : PM **W/O Group :** UTIL **Task Priority :** 4
Planner : 185614 HARRIS JEANETTE S
W/O Title : PP 1M TA3-22 FGR BEARINGS, LUBRICATE
Written To : TA03-0022 FAN, FLUE GAS RECIRCULING (FGR-001, FGR-002, FGR-003)
Task Dspln : **Due Date :** 01/31/2021
Superintendant :

Hazard : LOW **IWD Reqmt :** N/A LOW HZRD

Work Order Task

00681114 01

MASTER

Date: 10/22/2020

Work Order Task Written To

Facility : F08 **Unit :** 030022 **Op Sys :**
Room : **Area :** **Sys/Cls :**
Equipment : **Component :**
Location :
Job Type : PM
Tag 1 : **Tag 2 :**
Work Item : TA03-0022 FGR **Ops Review Reqd :**

Authorization

Start Permission : Glenn Martinez **Start Date :** 12-18-2020

Complete Notice : Herman Madrid Jr **Complete Date :** 1-17-2021

Work Order Task Instructions

DO NOT lubricate the bearings if the FGR fan is NOT in operation or in service so that proper amount of grease can be applied
using headphones
You can hear when grease reaches the bearing rolling element. At this point, stop adding grease to prevent bearing damage from overheating

There are two bearings on the fan, each with its own zerk plug
Remove the shaft guard located in the middle of the drive. The two zerk plugs are located on each of the two bearings

1. Use grease gun with the Ultralube headphones to insert the correct amount

Facility : F08 **Unit :** 030022 **Proj :**
Task Title : PP 1M TA3–22 FGR BEARINGS, LUBRICATE
W/O Type : PM **W/O Group :** UTIL **Task Priority :** 4
Planner : 185614 HARRIS JEANETTE S
W/O Title : PP 1M TA3–22 FGR BEARINGS, LUBRICATE
Written To : TA03–0022 FAN, FLUE GAS RECIRCULING (FGR–001, FGR–002, FGR–003)
Task Dspln : **Due Date :** 01/31/2021
Superintendant :

Hazard : LOW **IWD Reqmt :** N/A LOW HZRD

Work Order Task

00681114 01

MASTER

Date: 10/22/2020

of Mobilith SHC 100 grease into zerk fitting
b. Apply grease while fan is running and stop when you hear the grease enter the running bearing

Lubricated fan bearings on FGR–001,FGR–002 & FGR–003

4. Add grease with a hand–operated pressure gun until new grease enters the running bearing
a. This is accomplished by using the ultrasonic sensor and headphones to hear when the new grease enters the running bearing
b. Stop adding grease when the grease reaches the bearing to limit excess grease from migrating down the motor shaft and into the windings
Note: Be careful when greasing the fan end bearing of the TEFC (Totally (Totally Enclosed Fan Cooled) motors. Some motors have a spring–relief outlet grease fitting on the fan end that is not accessible. This spring–relief fitting normally does not have to be removed when regreasing. When greasing, take care in the amount of pressure you apply and verify relief is working
5. Putting in too much or too little grease can cause overheating of the motors and result in motor failure. Use this rule of thumb when adding grease to a motor that has been lubricated on a regular basis: It is better to use a little grease more often than a lot of grease less often
Note: Watch out for motors that were shipped only with the bearings packed and not the fill tube or even the bearing housing
Apply new grease until you can hear it enter the running bearing
6. Now that greasing is complete, leave the relief plug off and run the motor for 10 minutes to expel any excess grease
7. Replace the drain plug and wipe the bearing housing clean
8. Dispose of dirty rags in accordance with Hazardous Waste Guidelines
9. Ensure correct operation of electric motors.

Facility : F08 **Unit :** 030022 **Proj :**
Task Title : PP 1M TA3-22 FGR BEARINGS, LUBRICATE
W/O Type : PM **W/O Group :** UTIL **Task Priority :** 4
Planner : 185614 HARRIS JEANETTE S
W/O Title : PP 1M TA3-22 FGR BEARINGS, LUBRICATE
Written To : TA03-0022 FAN, FLUE GAS RECIRCULING (FGR-001, FGR-002, FGR-003)
Task Dspln : **Due Date :** 01/31/2021
Superintendant :

Hazard : LOW **IWD Reqmt :** N/A LOW HZRD

Work Order Task

00681114 01

MASTER

Date: 10/22/2020

QC Requirements / Comments

Work Completion Signatures

Name	Function/Dept.	Date
Chris Salazar	LOG-CS/PP MAINT.....	01-04-2021

Comments

(rework?)

Cost Accounting

Cost Center : 7D120C **Activity :** 640CL000

Percentage : 100 **Acct No :** XU5000 **Sub Acct :** 7E2P0000

Facility : F08 **Unit :** 030022 **Proj :**
Task Title : PP 1M TA3-22 FGR BEARINGS, LUBRICATE
W/O Type : PM **W/O Group :** UTIL **Task Priority :** 4
Planner : 185614 HARRIS JEANETTE S
W/O Title : PP 1M TA3-22 FGR BEARINGS, LUBRICATE
Written To : TA03-0022 FAN, FLUE GAS RECIRCULING (FGR-001, FGR-002, FGR-003)
Task Dspln : **Due Date :** 01/31/2021
Superintendant :

Hazard : LOW **IWD Reqmt :** N/A LOW HZRD

Work Order Task

00681114 01

MASTER

Date: 10/22/2020

Worker engagement questions are intended to focus attention on the task and ensure uncertainties are addressed. Examples of worker engagement questions are provided below. Worker engagement questions should be tailored to the situation.

Each of the questions listed below will be discussed at each Pre-Job Brief with all affected personnel.

Topic 1M FGR BEARINGS LUBRICATION	**Completed (X)**
What permits, permissions, or support are required to safely start this work?	
What is the most likely thing that could go wrong (not the worst thing) and what, specifically, will prevent it?	
What can cause us to go beyond the scope of the work?	
What hazards in the work area may not have been considered during planning of this job	

Form 2101

Integrated Work Document (IWD) Part 2, FOD Requirements and Approval for Entry and Area Hazards and Controls

Non-Tenant Activity Form

IWD No./Work Request No: _____ Revision #: _____

The Facility Operation Director (FOD) must determine the facility entry and coordination requirements and identify the Environment, Safety, Health (ESH)/Security and Safeguards (S&S) hazards and controls associated with the specific activity location.

FOD 8	TA 03	Bldg. 22-24	Room N/A	Other Location Power Plant Bldg - Inside
FOD Designated Facility Point-of-Contact	Name Nicholas Nelson	Phone 505-655-5508	Pager N/A	Email nelson_n@lanl.gov

Entry and Coordination Requirements (*Check one or more of the following*)

- ☐ No Entry/Coordination Requirements
- ☒ Plan of the Day/Plan of the Week (POTD/POTW)
- ☒ Security Clearance Requirements
- ☐ Co-located Hazards/Concerns
- ☒ Check out at End of Work
- ☐ Escort Required
- ☐ FOD-designated facility Point-of-Contact must sign IWD Part 3
- ☒ Check in at Start of Work
- ☒ Work must be Scheduled
- ☐ Quality Issues
- ☐ Review under Authorization Basis (AB)/Safety Basis/Unreviewed Safety Question (USQ)
- ☒ Work-Area Training Required
- ☒ Check in Daily
- ☐ Other Security Requirements (ex.: Cellphone, No Foreign Nationals, etc.)
- ☒ Check out Daily
- ☒ Other Bounding Conditions: PIC is responsible to conduct a pre-job brief for work activities to ensure that work conditions and worker communications are adequate. A pre job briefing shall be conducted at the job site. UI-OPS will determine if onsite ESH representation is required during work activities.

Additional Comments

All work must be approved by the Utilities FOD or OM or OS. POD/POTW – 1:30pm Mon. thru Friday. Evaluate outside ground conditions during cold or wet weather events, wear appropriate foot wear (spiky-plus) in snow and ice conditions. Evaluate inside floor and housekeeping conditions to safely proceed with activities. Check in with Plant Operations Manager/Specialist or Operations Shift Head for final approval to proceed with tasks. All personnel entering any area must view the site specific training video in room 116 (Boiler Control Room), one time requirement. Observe safety signs and floor markings in all buildings and areas. The West end front lobby and office areas of Bldg 22 are considered a no hazard area.

Instructions: In the block below, identify work-area hazards that could potentially affect the worker(s) or others. Avoid using the same Part 2, Form 2101 for multiple facilities. Ensure that work area hazards, specific to the facility or work location are identified and controlled. Specify the facility controls and preventive measures that must be implemented by the worker(s) to protect against the work area hazards, and also special training required.

ESH/S&S WORK AREA HAZARDS & CONTROLS

Work Area Hazards/Concerns Identify site hazards and concerns that could potentially affect the worker(s) or others.	**Work Area Hazard Present**	**Facility Controls/ Preventive Measures/ Bounding Conditions** Specify preventive measures, controls and bounding conditions for each site hazard	**Reference Documents** List permits, operating manuals, and other reference procedures	**Training and Qualification** List training requirements (P300, Integretated Work Management, Section 6.1)
☐ **No Work Area Hazards**				
Ionizing Radiation Work in posted radiological areas, work with radioactive materials,	☐ Yes ☒ No			

or work on or near radiation producing devices. **Specify Hazard:**				

IWD No./Work Request No: _____ Revision #: _____

ESH/S&S WORK AREA HAZARDS & CONTROLS				
Work Area Hazards/Concerns Identify site hazards and concerns that could potentially affect the worker(s) or others.	**Work Area Hazard Present**	**Facility Controls/ Preventive Measures/ Bounding Conditions** Specify preventive measures, controls and bounding conditions for each site hazard	**Reference Documents** List permits, operating manuals, and other reference procedures	**Training and Qualification** List training requirements (P300, Integretated Work Management, Section 6.1)
Worker Exposure Working near non-ionizing radiation, beryllium, noise, chemicals, hazardous biological materials, lead, asbestos, temperature/humidity extremes, or high explosives. **Specify Hazards:** Hot Piping, Potential Hot Water/Steam from pipe/fitting openings, Boiler Water Treatment Chemicals, Asbestos.	☒ Yes ☐ No	Required PPE: Hard hat, safety shoes, safety glasses. Hearing protection (noise > 85 dba). Avoid hot surfaces and piping. Long sleeve shirt or Ansell sleeves or coveralls. Gloves when operating valves or contacting pipe/fitting openings where there is potential for hot water/steam release. Be aware of encapsulated asbestos. Follow LANL Asbestos program/rqmts if PACM identified outside containment. Be aware of chemical containers and check labeling. Be aware of piping, associated systems for any leaks. If chemical leak is noticed contact operations manager, IH&S Rep during regular working hrs. Over100 gallons of a chemical spill leave area, and control access. Call Serf Operators 667-8982 or by Radio Lanl for mitigation cleanup process. For after-hours contact the UI Duty Officer, 699-7452 to re-assess any abnormal situation	• P101-6 PPE •P101-23 Asbestos • P101-31Hearing Conservations/Noise Program	•LANL PPE or equivalent • Hearing protection • Site specific training • Asbestos awareness • Hazcom

Energized and Operative Systems Working near energized electrical parts, pressure systems, steam lines; near unprotected belts, pulleys, chains or rotating equipment; fuel fired equipment other than vehicles; or spark or flame producing operations. **Specify Hazards:** Energized/rotating equipment, hot pressurized water/steam lines .	☒ Yes ☐ No	Stay within established walking areas. Observe safety signage alarm lights and horns. Identify explosive hazards and follow task specific IWD if working on plant equipment or components. Note: All TA3-22 LOTOs require independent verification and written specific procedure. If questions consult with UI system engineer, Operation Mgr. Designee, or Safety rep. .	P101-13 Electrical Safety P101-3 LOTO P101-34 Pressure, Vacuum, Cryogenic System	Site Specific Training video. Electrical Safety LOTO if applicable to task.
Confined Spaces Entry into tanks, manholes, cooling towers, sumps, or any other area with potentially low oxygen concentration or other hazards such as toxic vapors or engulfment. **Specify Hazards:**	☒ Yes ☐ No	Observe confined space signs or markings and follow LANL Confined Space Requirements if task requires confined space entry.	P101-27 Confined Space	Confined Space Traning
Elevated Work Surface Elevated work when fall protection is not provided by conventional handrail systems or required per P101-20, *Fall Protection Program*	☒ Yes ☐ No	Stay within established walking areas, stairways and paths. Observe safety signage. Follow LANL Fall Protection Requirements if task on roofs or work above 4 feet.	P101-20.0	Fall Protection
Environmental Impact Activities conducted in areas containing potential release site, contaminated soil, sensitive species, watercourse wetlands, floodplain, historical/archeological sites, or other work area condition that can be impacted by or can impact the environment. **Specify Hazards:**	☐ Yes ☒ No			
Security Requirements **Specify:**	☐ Yes ☒ No			
Other Hazards **Specify:**	☒ Yes ☐ No	Call pest control for clean-up if excessive rat droppings, dead rodents, wasp nest, etc in area of task activity.		

I have verified that the hazards identified above adequately identify the area hazards and that the IWM process has been applied appropriately.

FOD or Representative (Signature/Z #/Date) **Approval Required** NICHOLAS NELSON (Affiliate) Digitally signed by NICHOLAS NELSON (Affiliate) Date: 2020.07.29 11:27:49 -06'00'

Date Approval Expires: 9-30-2021

Facility : F08 **Unit :** 030022 **Proj :**
Task Title : PP 1M TA3-22 FGR BEARINGS, LUBRICATE
W/O Type : PM **W/O Group :** UTIL **Task Priority :** 4
Planner : 185614 HARRIS JEANETTE S
W/O Title : PP 1M TA3-22 FGR BEARINGS, LUBRICATE
Written To : TA03-0022 FAN, FLUE GAS RECIRCULING (FGR-001, FGR-002, FGR-003)
Task Dspln : **Due Date :** 02/28/2021
Superintendant :

Hazard : LOW **IWD Reqmt :** N/A LOW HZRD

Work Order Task

00682915 01

MASTER

Date: 12/05/2020

Work Order Task Written To

Facility : F08 **Unit :** 030022 **Op Sys :**
Room : **Area :** **Sys/Cls :**
Equipment : **Component :**
Location :
Job Type : PM
Tag 1 : **Tag 2 :**
Work Item : TA03-0022 FGR **Ops Review Reqd :**

Authorization

Start Permission : Glenn Martinez **Start Date :** 1-20-21

Complete Notice : Glenn Martinez **Complete Date :** 2-22-21

Work Order Task Instructions

DO NOT lubricate the bearings if the FGR fan is NOT in operation or in service so that proper amount of grease can be applied
using headphones
You can hear when grease reaches the bearing rolling element. At this point, stop adding grease to prevent bearing damage from overheating

There are two bearings on the fan, each with its own zerk plug
Remove the shaft guard located in the middle of the drive. The two zerk plugs are located on each of the two bearings

1. Use grease gun with the Ultralube headphones to insert the correct amount

Facility : F08 **Unit :** 030022 **Proj :**
Task Title : PP 1M TA3–22 FGR BEARINGS, LUBRICATE
W/O Type : PM **W/O Group :** UTIL **Task Priority :** 4
Planner : 185614 HARRIS JEANETTE S
W/O Title : PP 1M TA3–22 FGR BEARINGS, LUBRICATE
Written To : TA03–0022 FAN, FLUE GAS RECIRCULING (FGR–001, FGR–002, FGR–003)
Task Dspln : **Due Date :** 02/28/2021
Superintendant :

Hazard : LOW **IWD Reqmt :** N/A LOW HZRD

Work Order Task

00682915 01

MASTER

Date: 12/05/2020

of Mobilith SHC 100 grease into zerk fitting
b. Apply grease while fan is running and stop when you hear the grease enter the running bearing

Lubricated fan bearings on FGR–001,FGR–002 & FGR–003

4. Add grease with a hand–operated pressure gun until new grease enters the running bearing
a. This is accomplished by using the ultrasonic sensor and headphones to hear when the new grease enters the running bearing
b. Stop adding grease when the grease reaches the bearing to limit excess grease from migrating down the motor shaft and into the windings
Note: Be careful when greasing the fan end bearing of the TEFC (Totally (Totally Enclosed Fan Cooled) motors. Some motors have a spring–relief outlet grease fitting on the fan end that is not accessible. This spring–relief fitting normally does not have to be removed when regreasing. When greasing, take care in the amount of pressure you apply and verify relief is working
5. Putting in too much or too little grease can cause overheating of the motors and result in motor failure. Use this rule of thumb when adding grease to a motor that has been lubricated on a regular basis: It is better to use a little grease more often than a lot of grease less often
Note: Watch out for motors that were shipped only with the bearings packed and not the fill tube or even the bearing housing
Apply new grease until you can hear it enter the running bearing
6. Now that greasing is complete, leave the relief plug off and run the motor for 10 minutes to expel any excess grease
7. Replace the drain plug and wipe the bearing housing clean
8. Dispose of dirty rags in accordance with Hazardous Waste Guidelines
9. Ensure correct operation of electric motors.

Facility : F08 **Unit :** 030022 **Proj :**
Task Title : PP 1M TA3-22 FGR BEARINGS, LUBRICATE
W/O Type : PM **W/O Group :** UTIL **Task Priority :** 4
Planner : 185614 HARRIS JEANETTE S
W/O Title : PP 1M TA3-22 FGR BEARINGS, LUBRICATE
Written To : TA03-0022 FAN, FLUE GAS RECIRCULING (FGR-001, FGR-002, FGR-003)
Task Dspln : **Due Date :** 02/28/2021
Superintendant :

Hazard : LOW **IWD Reqmt :** N/A LOW HZRD

Work Order Task

00682915 01

MASTER

Date: 12/05/2020

QC Requirements / Comments

Work Completion Signatures

Name	Function/Dept.	Date
John M. Miller	Maint.Foreman/UPPS	2/3/2021

Comments

(rework?)

Cost Accounting

Cost Center : 7D120C **Activity :** 640CL000

Percentage : 100 **Acct No :** XU5000 **Sub Acct :** 7E2P0000

Facility : F08 **Unit :** 030022 **Proj :**
Task Title : PP 1M TA3-22 FGR BEARINGS, LUBRICATE
W/O Type : PM **W/O Group :** UTIL **Task Priority :** 4
Planner : 185614 HARRIS JEANETTE S
W/O Title : PP 1M TA3-22 FGR BEARINGS, LUBRICATE
Written To : TA03-0022 FAN, FLUE GAS RECIRCULING (FGR-001, FGR-002, FGR-003)
Task Dspln : **Due Date :** 02/28/2021
Superintendant :

Hazard : LOW **IWD Reqmt :** N/A LOW HZRD

Work Order Task

00682915 01

MASTER

Date: 12/05/2020

Worker engagement questions are intended to focus attention on the task and ensure uncertainties are addressed. Examples of worker engagement questions are provided below. Worker engagement questions should be tailored to the situation.

Each of the questions listed below will be discussed at each Pre-Job Brief with all affected personnel.

Topic 1M FGR Fan Bearing Lubrication	**Completed (X)**
What permits, permissions, or support are required to safely start this work?	X
What is the most likely thing that could go wrong (not the worst thing) and what, specifically, will prevent it?	X
What can cause us to go beyond the scope of the work?	X
What hazards in the work area may not have been considered during planning of this job	X

Form 2101

Integrated Work Document (IWD) Part 2, FOD Requirements and Approval for Entry and Area Hazards and Controls

Non-Tenant Activity Form

IWD No./Work Request No: _____ Revision #: _____

The Facility Operation Director (FOD) must determine the facility entry and coordination requirements and identify the Environment, Safety, Health (ESH)/Security and Safeguards (S&S) hazards and controls associated with the specific activity location.

FOD 8	TA 03	Bldg. 22-24	Room N/A	Other Location Power Plant Bldg - Inside
FOD Designated Facility Point-of-Contact	Name Nicholas Nelson	Phone 505-655-5508	Pager N/A	Email nelson_n@lanl.gov

Entry and Coordination Requirements (*Check one or more of the following*)

- ☐ No Entry/Coordination Requirements
- ☒ Plan of the Day/Plan of the Week (POTD/POTW)
- ☒ Security Clearance Requirements
- ☐ Co-located Hazards/Concerns
- ☒ Check out at End of Work
- ☐ Escort Required
- ☐ FOD-designated facility Point-of-Contact must sign IWD Part 3
- ☒ Check in at Start of Work
- ☒ Work must be Scheduled
- ☐ Quality Issues
- ☐ Review under Authorization Basis (AB)/Safety Basis/Unreviewed Safety Question (USQ)
- ☒ Work-Area Training Required
- ☒ Check in Daily
- ☐ Other Security Requirements (ex.: Cellphone, No Foreign Nationals, etc.)
- ☒ Check out Daily
- ☒ Other Bounding Conditions: PIC is responsible to conduct a pre-job brief for work activities to ensure that work conditions and worker communications are adequate. A pre job briefing shall be conducted at the job site. UI-OPS will determine if onsite ESH representation is required during work activities.

Additional Comments

All work must be approved by the Utilities FOD or OM or OS. POD/POTW – 1:30pm Mon. thru Friday. Evaluate outside ground conditions during cold or wet weather events, wear appropriate foot wear (spiky-plus) in snow and ice conditions. Evaluate inside floor and housekeeping conditions to safely proceed with activities. Check in with Plant Operations Manager/Specialist or Operations Shift Head for final approval to proceed with tasks. All personnel entering any area must view the site specific training video in room 116 (Boiler Control Room), one time requirement. Observe safety signs and floor markings in all buildings and areas. The West end front lobby and office areas of Bldg 22 are considered a no hazard area.

Instructions: In the block below, identify work-area hazards that could potentially affect the worker(s) or others. Avoid using the same Part 2, Form 2101 for multiple facilities. Ensure that work area hazards, specific to the facility or work location are identified and controlled. Specify the facility controls and preventive measures that must be implemented by the worker(s) to protect against the work area hazards, and also special training required.

ESH/S&S WORK AREA HAZARDS & CONTROLS

Work Area Hazards/Concerns Identify site hazards and concerns that could potentially affect the worker(s) or others.	**Work Area Hazard Present**	**Facility Controls/ Preventive Measures/ Bounding Conditions** Specify preventive measures, controls and bounding conditions for each site hazard	**Reference Documents** List permits, operating manuals, and other reference procedures	**Training and Qualification** List training requirements (P300, Integretated Work Management, Section 6.1)
☐ **No Work Area Hazards**				
Ionizing Radiation Work in posted radiological areas, work with radioactive materials,	☐ Yes ☒ No			

or work on or near radiation producing devices. **Specify Hazard:**				

IWD No./Work Request No: _____ Revision #: _____

ESH/S&S WORK AREA HAZARDS & CONTROLS				
Work Area Hazards/Concerns Identify site hazards and concerns that could potentially affect the worker(s) or others.	**Work Area Hazard Present**	**Facility Controls/ Preventive Measures/ Bounding Conditions** Specify preventive measures, controls and bounding conditions for each site hazard	**Reference Documents** List permits, operating manuals, and other reference procedures	**Training and Qualification** List training requirements (P300, Integretated Work Management, Section 6.1)
Worker Exposure Working near non-ionizing radiation, beryllium, noise, chemicals, hazardous biological materials, lead, asbestos, temperature/humidity extremes, or high explosives. **Specify Hazards:** Hot Piping, Potential Hot Water/Steam from pipe/fitting openings, Boiler Water Treatment Chemicals, Asbestos.	☒ Yes ☐ No	Required PPE: Hard hat, safety shoes, safety glasses. Hearing protection (noise > 85 dba). Avoid hot surfaces and piping. Long sleeve shirt or Ansell sleeves or coveralls. Gloves when operating valves or contacting pipe/fitting openings where there is potential for hot water/steam release. Be aware of encapsulated asbestos. Follow LANL Asbestos program/rqmts if PACM identified outside containment. Be aware of chemical containers and check labeling. Be aware of piping, associated systems for any leaks. If chemical leak is noticed contact operations manager, IH&S Rep during regular working hrs. Over100 gallons of a chemical spill leave area, and control access. Call Serf Operators 667-8982 or by Radio Lanl for mitigation cleanup process. For after-hours contact the UI Duty Officer, 699-7452 to re-assess any abnormal situation	• P101-6 PPE •P101-23 Asbestos • P101-31Hearing Conservations/Noise Program	•LANL PPE or equivalent • Hearing protection • Site specific training • Asbestos awareness • Hazcom

Energized and Operative Systems Working near energized electrical parts, pressure systems, steam lines; near unprotected belts, pulleys, chains or rotating equipment; fuel fired equipment other than vehicles; or spark or flame producing operations. **Specify Hazards:** Energized/rotating equipment, hot pressurized water/steam lines .	☒ Yes ☐ No	Stay within established walking areas. Observe safety signage alarm lights and horns. Identify explosive hazards and follow task specific IWD if working on plant equipment or components. Note: All TA3-22 LOTOs require independent verification and written specific procedure. If questions consult with UI system engineer, Operation Mgr. Designee, or Safety rep. .	P101-13 Electrical Safety P101-3 LOTO P101-34 Pressure, Vacuum, Cryogenic System	Site Specific Training video. Electrical Safety LOTO if applicable to task.
Confined Spaces Entry into tanks, manholes, cooling towers, sumps, or any other area with potentially low oxygen concentration or other hazards such as toxic vapors or engulfment. **Specify Hazards:**	☒ Yes ☐ No	Observe confined space signs or markings and follow LANL Confined Space Requirements if task requires confined space entry.	P101-27 Confined Space	Confined Space Traning
Elevated Work Surface Elevated work when fall protection is not provided by conventional handrail systems or required per P101-20, *Fall Protection Program*	☒ Yes ☐ No	Stay within established walking areas, stairways and paths. Observe safety signage. Follow LANL Fall Protection Requirements if task on roofs or work above 4 feet.	P101-20.0	Fall Protection
Environmental Impact Activities conducted in areas containing potential release site, contaminated soil, sensitive species, watercourse wetlands, floodplain, historical/archeological sites, or other work area condition that can be impacted by or can impact the environment. **Specify Hazards:**	☐ Yes ☒ No			
Security Requirements **Specify:**	☐ Yes ☒ No			
Other Hazards **Specify:**	☒ Yes ☐ No	Call pest control for clean-up if excessive rat droppings, dead rodents, wasp nest, etc in area of task activity.		

I have verified that the hazards identified above adequately identify the area hazards and that the IWM process has been applied appropriately.

FOD or Representative (Signature/Z #/Date) **Approval Required** NICHOLAS NELSON (Affiliate) Digitally signed by NICHOLAS NELSON (Affiliate) Date: 2020.07.29 11:27:49 -06'00'

Date Approval Expires: 9-30-2021

Facility : F08 **Unit :** 030022 **Proj :**
Task Title : PP 1M TA3-22 FGR BEARINGS, LUBRICATE
W/O Type : PM **W/O Group :** UTIL **Task Priority :** 4
Planner : 185614 HARRIS JEANETTE S
W/O Title : PP 1M TA3-22 FGR BEARINGS, LUBRICATE
Written To : TA03-0022 FAN, FLUE GAS RECIRCULING (FGR-001, FGR-002, FGR-003)
Task Dspln : **Due Date :** 03/31/2021
Superintendant :

Hazard : LOW **IWD Reqmt :** N/A LOW HZRD

Work Order Task

00684997 01

MASTER

Date: 01/14/2021

Work Order Task Written To

Facility : F08 **Unit :** 030022 **Op Sys :**
Room : **Area :** **Sys/Cls :**
Equipment : **Component :**
Location :
Job Type : PM
Tag 1 : **Tag 2 :**
Work Item : TA03-0022 FGR **Ops Review Reqd :**

Authorization

Start Permission : Glenn Martinez **Start Date :** 2-17-21

Complete Notice : Glenn Martinez **Complete Date :** 3-4-21

Work Order Task Instructions

DO NOT lubricate the bearings if the FGR fan is NOT in operation or in service so that proper amount of grease can be applied
using headphones
You can hear when grease reaches the bearing rolling element. At this point, stop adding grease to prevent bearing damage from overheating

There are two bearings on the fan, each with its own zerk plug
Remove the shaft guard located in the middle of the drive. The two zerk plugs are located on each of the two bearings

1. Use grease gun with the Ultralube headphones to insert the correct amount

Facility : F08 **Unit :** 030022 **Proj :**
Task Title : PP 1M TA3–22 FGR BEARINGS, LUBRICATE
W/O Type : PM **W/O Group :** UTIL **Task Priority :** 4
Planner : 185614 HARRIS JEANETTE S
W/O Title : PP 1M TA3–22 FGR BEARINGS, LUBRICATE
Written To : TA03–0022 FAN, FLUE GAS RECIRCULING (FGR–001, FGR–002, FGR–003)
Task Dspln : **Due Date :** 03/31/2021
Superintendant :

Hazard : LOW **IWD Reqmt :** N/A LOW HZRD

Work Order Task

00684997 01

MASTER

Date: 01/14/2021

of Mobilith SHC 100 grease into zerk fitting
b. Apply grease while fan is running and stop when you hear the grease enter the running bearing

Lubricated fan bearings on FGR–001,FGR–002 & FGR–003

4. Add grease with a hand–operated pressure gun until new grease enters the running bearing
a. This is accomplished by using the ultrasonic sensor and headphones to hear when the new grease enters the running bearing
b. Stop adding grease when the grease reaches the bearing to limit excess grease from migrating down the motor shaft and into the windings
Note: Be careful when greasing the fan end bearing of the TEFC (Totally (Totally Enclosed Fan Cooled) motors. Some motors have a spring–relief outlet grease fitting on the fan end that is not accessible. This spring–relief fitting normally does not have to be removed when regreasing. When greasing, take care in the amount of pressure you apply and verify relief is working
5. Putting in too much or too little grease can cause overheating of the motors and result in motor failure. Use this rule of thumb when adding grease to a motor that has been lubricated on a regular basis: It is better to use a little grease more often than a lot of grease less often
Note: Watch out for motors that were shipped only with the bearings packed and not the fill tube or even the bearing housing
Apply new grease until you can hear it enter the running bearing
6. Now that greasing is complete, leave the relief plug off and run the motor for 10 minutes to expel any excess grease
7. Replace the drain plug and wipe the bearing housing clean
8. Dispose of dirty rags in accordance with Hazardous Waste Guidelines
9. Ensure correct operation of electric motors.

Facility : F08 **Unit :** 030022 **Proj :**
Task Title : PP 1M TA3-22 FGR BEARINGS, LUBRICATE
W/O Type : PM **W/O Group :** UTIL **Task Priority :** 4
Planner : 185614 HARRIS JEANETTE S
W/O Title : PP 1M TA3-22 FGR BEARINGS, LUBRICATE
Written To : TA03-0022 FAN, FLUE GAS RECIRCULING (FGR-001, FGR-002, FGR-003)
Task Dspln : **Due Date :** 03/31/2021
Superintendant :

Hazard : LOW **IWD Reqmt :** N/A LOW HZRD

Work Order Task

00684997 01

MASTER

Date: 01/14/2021

QC Requirements / Comments

Work Completion Signatures

Name	Function/Dept.	Date
John M. Miller	Maintenance Foreman /UPPS	3/4/2021

Comments

(rework?)

Cost Accounting

Cost Center : 7D120C **Activity :** 640CL000

Percentage : 100 **Acct No :** XU5000 **Sub Acct :** 7E2P0000

Facility : F08 **Unit :** 030022 **Proj :**
Task Title : PP 1M TA3-22 FGR BEARINGS, LUBRICATE
W/O Type : PM **W/O Group :** UTIL **Task Priority :** 4
Planner : 185614 HARRIS JEANETTE S
W/O Title : PP 1M TA3-22 FGR BEARINGS, LUBRICATE
Written To : TA03-0022 FAN, FLUE GAS RECIRCULING (FGR-001, FGR-002, FGR-003)
Task Dspln : **Due Date :** 03/31/2021
Superintendant :

Hazard : LOW **IWD Reqmt :** N/A LOW HZRD

Work Order Task

00684997 01

MASTER

Date: 01/14/2021

Worker engagement questions are intended to focus attention on the task and ensure uncertainties are addressed. Examples of worker engagement questions are provided below. Worker engagement questions should be tailored to the situation.

Each of the questions listed below will be discussed at each Pre-Job Brief with all affected personnel.

Topic 1M FGR Bearings Lubrication	**Completed (X)**
What permits, permissions, or support are required to safely start this work?	X
What is the most likely thing that could go wrong (not the worst thing) and what, specifically, will prevent it?	X
What can cause us to go beyond the scope of the work?	X
What hazards in the work area may not have been considered during planning of this job	X

Form 2101

Integrated Work Document (IWD) Part 2, FOD Requirements and Approval for Entry and Area Hazards and Controls

Non-Tenant Activity Form

IWD No./Work Request No: _____ Revision #: _____

The Facility Operation Director (FOD) must determine the facility entry and coordination requirements and identify the Environment, Safety, Health (ESH)/Security and Safeguards (S&S) hazards and controls associated with the specific activity location.

FOD 8	TA 03	Bldg. 22-24	Room N/A	Other Location Power Plant Bldg - Inside
FOD Designated Facility Point-of-Contact	Name Nicholas Nelson	Phone 505-655-5508	Pager N/A	Email nelson_n@lanl.gov

Entry and Coordination Requirements (*Check one or more of the following*)

- ☐ No Entry/Coordination Requirements
- ☒ Plan of the Day/Plan of the Week (POTD/POTW)
- ☒ Security Clearance Requirements
- ☐ Co-located Hazards/Concerns
- ☒ Check out at End of Work
- ☐ Escort Required
- ☐ FOD-designated facility Point-of-Contact must sign IWD Part 3
- ☒ Check in at Start of Work
- ☒ Work must be Scheduled
- ☐ Quality Issues
- ☐ Review under Authorization Basis (AB)/Safety Basis/Unreviewed Safety Question (USQ)
- ☒ Work-Area Training Required
- ☒ Check in Daily
- ☐ Other Security Requirements (ex.: Cellphone, No Foreign Nationals, etc.)
- ☒ Check out Daily
- ☒ Other Bounding Conditions: PIC is responsible to conduct a pre-job brief for work activities to ensure that work conditions and worker communications are adequate. A pre job briefing shall be conducted at the job site. UI-OPS will determine if onsite ESH representation is required during work activities.

Additional Comments

All work must be approved by the Utilities FOD or OM or OS. POD/POTW – 1:30pm Mon. thru Friday. Evaluate outside ground conditions during cold or wet weather events, wear appropriate foot wear (spiky-plus) in snow and ice conditions. Evaluate inside floor and housekeeping conditions to safely proceed with activities. Check in with Plant Operations Manager/Specialist or Operations Shift Head for final approval to proceed with tasks. All personnel entering any area must view the site specific training video in room 116 (Boiler Control Room), one time requirement. Observe safety signs and floor markings in all buildings and areas. The West end front lobby and office areas of Bldg 22 are considered a no hazard area.

Instructions: In the block below, identify work-area hazards that could potentially affect the worker(s) or others. Avoid using the same Part 2, Form 2101 for multiple facilities. Ensure that work area hazards, specific to the facility or work location are identified and controlled. Specify the facility controls and preventive measures that must be implemented by the worker(s) to protect against the work area hazards, and also special training required.

ESH/S&S WORK AREA HAZARDS & CONTROLS

Work Area Hazards/Concerns Identify site hazards and concerns that could potentially affect the worker(s) or others.	**Work Area Hazard Present**	**Facility Controls/ Preventive Measures/ Bounding Conditions** Specify preventive measures, controls and bounding conditions for each site hazard	**Reference Documents** List permits, operating manuals, and other reference procedures	**Training and Qualification** List training requirements (P300, Integretated Work Management, Section 6.1)
☐ **No Work Area Hazards**				
Ionizing Radiation Work in posted radiological areas, work with radioactive materials,	☐ Yes ☒ No			

or work on or near radiation producing devices. **Specify Hazard:**				

IWD No./Work Request No: _____ Revision #: _____

ESH/S&S WORK AREA HAZARDS & CONTROLS				
Work Area Hazards/Concerns Identify site hazards and concerns that could potentially affect the worker(s) or others.	**Work Area Hazard Present**	**Facility Controls/ Preventive Measures/ Bounding Conditions** Specify preventive measures, controls and bounding conditions for each site hazard	**Reference Documents** List permits, operating manuals, and other reference procedures	**Training and Qualification** List training requirements (P300, Integretated Work Management, Section 6.1)
Worker Exposure Working near non-ionizing radiation, beryllium, noise, chemicals, hazardous biological materials, lead, asbestos, temperature/humidity extremes, or high explosives. **Specify Hazards:** Hot Piping, Potential Hot Water/Steam from pipe/fitting openings, Boiler Water Treatment Chemicals, Asbestos.	☒ Yes ☐ No	Required PPE: Hard hat, safety shoes, safety glasses. Hearing protection (noise > 85 dba). Avoid hot surfaces and piping. Long sleeve shirt or Ansell sleeves or coveralls. Gloves when operating valves or contacting pipe/fitting openings where there is potential for hot water/steam release. Be aware of encapsulated asbestos. Follow LANL Asbestos program/rqmts if PACM identified outside containment. Be aware of chemical containers and check labeling. Be aware of piping, associated systems for any leaks. If chemical leak is noticed contact operations manager, IH&S Rep during regular working hrs. Over100 gallons of a chemical spill leave area, and control access. Call Serf Operators 667-8982 or by Radio Lanl for mitigation cleanup process. For after-hours contact the UI Duty Officer, 699-7452 to re-assess any abnormal situation	• P101-6 PPE •P101-23 Asbestos • P101-31Hearing Conservations/Noise Program	•LANL PPE or equivalent • Hearing protection • Site specific training • Asbestos awareness • Hazcom

Energized and Operative Systems Working near energized electrical parts, pressure systems, steam lines; near unprotected belts, pulleys, chains or rotating equipment; fuel fired equipment other than vehicles; or spark or flame producing operations. **Specify Hazards:** Energized/rotating equipment, hot pressurized water/steam lines .	☒ Yes ☐ No	Stay within established walking areas. Observe safety signage alarm lights and horns. Identify explosive hazards and follow task specific IWD if working on plant equipment or components. Note: All TA3-22 LOTOs require independent verification and written specific procedure. If questions consult with UI system engineer, Operation Mgr. Designee, or Safety rep. .	P101-13 Electrical Safety P101-3 LOTO P101-34 Pressure, Vacuum, Cryogenic System	Site Specific Training video. Electrical Safety LOTO if applicable to task.
Confined Spaces Entry into tanks, manholes, cooling towers, sumps, or any other area with potentially low oxygen concentration or other hazards such as toxic vapors or engulfment. **Specify Hazards:**	☒ Yes ☐ No	Observe confined space signs or markings and follow LANL Confined Space Requirements if task requires confined space entry.	P101-27 Confined Space	Confined Space Traning
Elevated Work Surface Elevated work when fall protection is not provided by conventional handrail systems or required per P101-20, *Fall Protection Program*	☒ Yes ☐ No	Stay within established walking areas, stairways and paths. Observe safety signage. Follow LANL Fall Protection Requirements if task on roofs or work above 4 feet.	P101-20.0	Fall Protection
Environmental Impact Activities conducted in areas containing potential release site, contaminated soil, sensitive species, watercourse wetlands, floodplain, historical/archeological sites, or other work area condition that can be impacted by or can impact the environment. **Specify Hazards:**	☐ Yes ☒ No			
Security Requirements **Specify:**	☐ Yes ☒ No			
Other Hazards **Specify:**	☒ Yes ☐ No	Call pest control for clean-up if excessive rat droppings, dead rodents, wasp nest, etc in area of task activity.		

I have verified that the hazards identified above adequately identify the area hazards and that the IWM process has been applied appropriately.

FOD or Representative (Signature/Z #/Date) **Approval Required** NICHOLAS NELSON (Affiliate) Digitally signed by NICHOLAS NELSON (Affiliate) Date: 2020.07.29 11:27:49 -06'00'

Date Approval Expires: 9-30-2021

Facility : F08 **Unit :** 030022 **Proj :**
Task Title : PP 1M TA3-22 FGR BEARINGS, LUBRICATE
W/O Type : PM **W/O Group :** UTIL **Task Priority :** 4
Planner : 185614 HARRIS JEANETTE S
W/O Title : PP 1M TA3-22 FGR BEARINGS, LUBRICATE
Written To : TA03-0022 FAN, FLUE GAS RECIRCULING (FGR-001, FGR-002, FGR-003)
Task Dspln : **Due Date :** 04/30/2021
Superintendant :

Hazard : LOW **IWD Reqmt :** N/A LOW HZRD

Work Order Task

00686800 01

MASTER

Date: 01/25/2021

Work Order Task Written To

Facility : F08 **Unit :** 030022 **Op Sys :**
Room : **Area :** **Sys/Cls :**
Equipment : **Component :**
Location :
Job Type : PM
Tag 1 : **Tag 2 :**
Work Item : TA03-0022 FGR **Ops Review Reqd :**

Authorization

Start Permission : Glenn Martinez **Start Date :** 3-18-21

Complete Notice : Glenn martinez **Complete Date :** 4-7-21

Work Order Task Instructions

DO NOT lubricate the bearings if the FGR fan is NOT in operation or in service so that proper amount of grease can be applied
using headphones
You can hear when grease reaches the bearing rolling element. At this point, stop adding grease to prevent bearing damage from overheating

There are two bearings on the fan, each with its own zerk plug
Remove the shaft guard located in the middle of the drive. The two zerk plugs are located on each of the two bearings

1. Use grease gun with the Ultralube headphones to insert the correct amount

Facility : F08 **Unit :** 030022 **Proj :**
Task Title : PP 1M TA3–22 FGR BEARINGS, LUBRICATE
W/O Type : PM **W/O Group :** UTIL **Task Priority :** 4
Planner : 185614 HARRIS JEANETTE S
W/O Title : PP 1M TA3–22 FGR BEARINGS, LUBRICATE
Written To : TA03–0022 FAN, FLUE GAS RECIRCULING (FGR–001, FGR–002, FGR–003)
Task Dspln : **Due Date :** 04/30/2021
Superintendant :

Hazard : LOW **IWD Reqmt :** N/A LOW HZRD

Work Order Task

00686800 01

MASTER

Date: 01/25/2021

of Mobilith SHC 100 grease into zerk fitting
b. Apply grease while fan is running and stop when you hear the grease enter the running bearing

Lubricated fan bearings on FGR–001,FGR–002 & FGR–003

4. Add grease with a hand–operated pressure gun until new grease enters the running bearing
a. This is accomplished by using the ultrasonic sensor and headphones to hear when the new grease enters the running bearing
b. Stop adding grease when the grease reaches the bearing to limit excess grease from migrating down the motor shaft and into the windings
Note: Be careful when greasing the fan end bearing of the TEFC (Totally (Totally Enclosed Fan Cooled) motors. Some motors have a spring–relief outlet grease fitting on the fan end that is not accessible. This spring–relief fitting normally does not have to be removed when regreasing. When greasing, take care in the amount of pressure you apply and verify relief is working
5. Putting in too much or too little grease can cause overheating of the motors and result in motor failure. Use this rule of thumb when adding grease to a motor that has been lubricated on a regular basis: It is better to use a little grease more often than a lot of grease less often
Note: Watch out for motors that were shipped only with the bearings packed and not the fill tube or even the bearing housing
Apply new grease until you can hear it enter the running bearing
6. Now that greasing is complete, leave the relief plug off and run the motor for 10 minutes to expel any excess grease
7. Replace the drain plug and wipe the bearing housing clean
8. Dispose of dirty rags in accordance with Hazardous Waste Guidelines
9. Ensure correct operation of electric motors.

Facility : F08 **Unit :** 030022 **Proj :**
Task Title : PP 1M TA3-22 FGR BEARINGS, LUBRICATE
W/O Type : PM **W/O Group :** UTIL **Task Priority :** 4
Planner : 185614 HARRIS JEANETTE S
W/O Title : PP 1M TA3-22 FGR BEARINGS, LUBRICATE
Written To : TA03-0022 FAN, FLUE GAS RECIRCULING (FGR-001, FGR-002, FGR-003)
Task Dspln : **Due Date :** 04/30/2021
Superintendant :

Hazard : LOW **IWD Reqmt :** N/A LOW HZRD

Work Order Task

00686800 01

MASTER

Date: 01/25/2021

QC Requirements / Comments

Work Completion Signatures

Name	Function/Dept.	Date
John M. MILLER	Maint.Foreman/UPPS	4/2/21

Comments

(rework?)

Cost Accounting

Cost Center : 7D120C **Activity :** 640CL000

Percentage : 100 **Acct No :** XU5000 **Sub Acct :** 7E2P0000

Facility : F08 **Unit :** 030022 **Proj :**
Task Title : PP 1M TA3-22 FGR BEARINGS, LUBRICATE
W/O Type : PM **W/O Group :** UTIL **Task Priority :** 4
Planner : 185614 HARRIS JEANETTE S
W/O Title : PP 1M TA3-22 FGR BEARINGS, LUBRICATE
Written To : TA03-0022 FAN, FLUE GAS RECIRCULING (FGR-001, FGR-002, FGR-003)
Task Dspln : **Due Date :** 04/30/2021
Superintendant :

Hazard : LOW **IWD Reqmt :** N/A LOW HZRD

Work Order Task

00686800 01

MASTER

Date: 01/25/2021

Worker engagement questions are intended to focus attention on the task and ensure uncertainties are addressed. Examples of worker engagement questions are provided below. Worker engagement questions should be tailored to the situation.

Each of the questions listed below will be discussed at each Pre-Job Brief with all affected personnel.

Topic 1M FGR BEARINGS LUBRICATION	**Completed (X)**
What permits, permissions, or support are required to safely start this work?	X
What is the most likely thing that could go wrong (not the worst thing) and what, specifically, will prevent it?	X
What can cause us to go beyond the scope of the work?	X
What hazards in the work area may not have been considered during planning of this job	X

Form 2101

Integrated Work Document (IWD) Part 2, FOD Requirements and Approval for Entry and Area Hazards and Controls

Non-Tenant Activity Form

IWD No./Work Request No: _____ Revision #: _____

The Facility Operation Director (FOD) must determine the facility entry and coordination requirements and identify the Environment, Safety, Health (ESH)/Security and Safeguards (S&S) hazards and controls associated with the specific activity location.

FOD 8	TA 03	Bldg. 22-24	Room N/A	Other Location Power Plant Bldg - Inside
FOD Designated Facility Point-of-Contact	Name Nicholas Nelson	Phone 505-655-5508	Pager N/A	Email nelson_n@lanl.gov

Entry and Coordination Requirements (*Check one or more of the following*)

- ☐ No Entry/Coordination Requirements
- ☒ Plan of the Day/Plan of the Week (POTD/POTW)
- ☒ Security Clearance Requirements
- ☐ Co-located Hazards/Concerns
- ☒ Check out at End of Work
- ☐ Escort Required
- ☐ FOD-designated facility Point-of-Contact must sign IWD Part 3
- ☒ Check in at Start of Work
- ☒ Work must be Scheduled
- ☐ Quality Issues
- ☐ Review under Authorization Basis (AB)/Safety Basis/Unreviewed Safety Question (USQ)
- ☒ Work-Area Training Required
- ☒ Check in Daily
- ☐ Other Security Requirements (ex.: Cellphone, No Foreign Nationals, etc.)
- ☒ Check out Daily
- ☒ Other Bounding Conditions: PIC is responsible to conduct a pre-job brief for work activities to ensure that work conditions and worker communications are adequate. A pre job briefing shall be conducted at the job site. UI-OPS will determine if onsite ESH representation is required during work activities.

Additional Comments

All work must be approved by the Utilities FOD or OM or OS. POD/POTW – 1:30pm Mon. thru Friday. Evaluate outside ground conditions during cold or wet weather events, wear appropriate foot wear (spiky-plus) in snow and ice conditions. Evaluate inside floor and housekeeping conditions to safely proceed with activities. Check in with Plant Operations Manager/Specialist or Operations Shift Head for final approval to proceed with tasks. All personnel entering any area must view the site specific training video in room 116 (Boiler Control Room), one time requirement. Observe safety signs and floor markings in all buildings and areas. The West end front lobby and office areas of Bldg 22 are considered a no hazard area.

Instructions: In the block below, identify work-area hazards that could potentially affect the worker(s) or others. Avoid using the same Part 2, Form 2101 for multiple facilities. Ensure that work area hazards, specific to the facility or work location are identified and controlled. Specify the facility controls and preventive measures that must be implemented by the worker(s) to protect against the work area hazards, and also special training required.

ESH/S&S WORK AREA HAZARDS & CONTROLS

Work Area Hazards/Concerns Identify site hazards and concerns that could potentially affect the worker(s) or others.	**Work Area Hazard Present**	**Facility Controls/ Preventive Measures/ Bounding Conditions** Specify preventive measures, controls and bounding conditions for each site hazard	**Reference Documents** List permits, operating manuals, and other reference procedures	**Training and Qualification** List training requirements (P300, Integretated Work Management, Section 6.1)
☐ **No Work Area Hazards**				
Ionizing Radiation Work in posted radiological areas, work with radioactive materials,	☐ Yes ☒ No			

or work on or near radiation producing devices. **Specify Hazard:**				

IWD No./Work Request No: _____ Revision #: _____

ESH/S&S WORK AREA HAZARDS & CONTROLS				
Work Area Hazards/Concerns Identify site hazards and concerns that could potentially affect the worker(s) or others.	**Work Area Hazard Present**	**Facility Controls/ Preventive Measures/ Bounding Conditions** Specify preventive measures, controls and bounding conditions for each site hazard	**Reference Documents** List permits, operating manuals, and other reference procedures	**Training and Qualification** List training requirements (P300, Integretated Work Management, Section 6.1)
Worker Exposure Working near non-ionizing radiation, beryllium, noise, chemicals, hazardous biological materials, lead, asbestos, temperature/humidity extremes, or high explosives. **Specify Hazards:** Hot Piping, Potential Hot Water/Steam from pipe/fitting openings, Boiler Water Treatment Chemicals, Asbestos.	☒ Yes ☐ No	Required PPE: Hard hat, safety shoes, safety glasses. Hearing protection (noise > 85 dba). Avoid hot surfaces and piping. Long sleeve shirt or Ansell sleeves or coveralls. Gloves when operating valves or contacting pipe/fitting openings where there is potential for hot water/steam release. Be aware of encapsulated asbestos. Follow LANL Asbestos program/rqmts if PACM identified outside containment. Be aware of chemical containers and check labeling. Be aware of piping, associated systems for any leaks. If chemical leak is noticed contact operations manager, IH&S Rep during regular working hrs. Over100 gallons of a chemical spill leave area, and control access. Call Serf Operators 667-8982 or by Radio Lanl for mitigation cleanup process. For after-hours contact the UI Duty Officer, 699-7452 to re-assess any abnormal situation	• P101-6 PPE •P101-23 Asbestos • P101-31Hearing Conservations/Noise Program	•LANL PPE or equivalent • Hearing protection • Site specific training • Asbestos awareness • Hazcom

Energized and Operative Systems Working near energized electrical parts, pressure systems, steam lines; near unprotected belts, pulleys, chains or rotating equipment; fuel fired equipment other than vehicles; or spark or flame producing operations. **Specify Hazards:** Energized/rotating equipment, hot pressurized water/steam lines .	☒ Yes ☐ No	Stay within established walking areas. Observe safety signage alarm lights and horns. Identify explosive hazards and follow task specific IWD if working on plant equipment or components. Note: All TA3-22 LOTOs require independent verification and written specific procedure. If questions consult with UI system engineer, Operation Mgr. Designee, or Safety rep. .	P101-13 Electrical Safety P101-3 LOTO P101-34 Pressure, Vacuum, Cryogenic System	Site Specific Training video. Electrical Safety LOTO if applicable to task.
Confined Spaces Entry into tanks, manholes, cooling towers, sumps, or any other area with potentially low oxygen concentration or other hazards such as toxic vapors or engulfment. **Specify Hazards:**	☒ Yes ☐ No	Observe confined space signs or markings and follow LANL Confined Space Requirements if task requires confined space entry.	P101-27 Confined Space	Confined Space Traning
Elevated Work Surface Elevated work when fall protection is not provided by conventional handrail systems or required per P101-20, *Fall Protection Program*	☒ Yes ☐ No	Stay within established walking areas, stairways and paths. Observe safety signage. Follow LANL Fall Protection Requirements if task on roofs or work above 4 feet.	P101-20.0	Fall Protection
Environmental Impact Activities conducted in areas containing potential release site, contaminated soil, sensitive species, watercourse wetlands, floodplain, historical/archeological sites, or other work area condition that can be impacted by or can impact the environment. **Specify Hazards:**	☐ Yes ☒ No			
Security Requirements **Specify:**	☐ Yes ☒ No			
Other Hazards **Specify:**	☒ Yes ☐ No	Call pest control for clean-up if excessive rat droppings, dead rodents, wasp nest, etc in area of task activity.		

I have verified that the hazards identified above adequately identify the area hazards and that the IWM process has been applied appropriately.

FOD or Representative (Signature/Z #/Date) **Approval Required** NICHOLAS NELSON (Affiliate) Digitally signed by NICHOLAS NELSON (Affiliate) Date: 2020.07.29 11:27:49 -06'00'

Date Approval Expires: 9-30-2021

Facility : F08 **Unit :** 030022 **Proj :**
Task Title : PP 1M TA3-22 FGR BEARINGS, LUBRICATE
W/O Type : PM **W/O Group :** UTIL **Task Priority :** 4
Planner : 185614 HARRIS JEANETTE S
W/O Title : PP 1M TA3-22 FGR BEARINGS, LUBRICATE
Written To : TA03-0022 FAN, FLUE GAS RECIRCULING (FGR-001, FGR-002, FGR-003)
Task Dspln : **Due Date :** 05/31/2021
Superintendant :

Hazard : LOW **IWD Reqmt :** N/A LOW HZRD

Work Order Task

00688964 01

MASTER

Date: 03/16/2021

Work Order Task Written To

Facility : F08 **Unit :** 030022 **Op Sys :**
Room : **Area :** **Sys/Cls :**
Equipment : **Component :**
Location :
Job Type : PM
Tag 1 : **Tag 2 :**
Work Item : TA03-0022 FGR **Ops Review Reqd :**

Authorization

Start Permission : Glenn Martinez **Start Date :** 3-18-21

Complete Notice : Glenn martinez **Complete Date :** Insert Text Here

Work Order Task Instructions

DO NOT lubricate the bearings if the FGR fan is NOT in operation or in service so that proper amount of grease can be applied using headphones
You can hear when grease reaches the bearing rolling element. At this point, stop adding grease to prevent bearing damage from overheating

There are two bearings on the fan, each with its own zerk plug
Remove the shaft guard located in the middle of the drive. The two zerk plugs are located on each of the two bearings

1. Use grease gun with the Ultralube headphones to insert the correct amount

Facility : F08 **Unit :** 030022 **Proj :**
Task Title : PP 1M TA3–22 FGR BEARINGS, LUBRICATE
W/O Type : PM **W/O Group :** UTIL **Task Priority :** 4
Planner : 185614 HARRIS JEANETTE S
W/O Title : PP 1M TA3–22 FGR BEARINGS, LUBRICATE
Written To : TA03–0022 FAN, FLUE GAS RECIRCULING (FGR–001, FGR–002, FGR–003)
Task Dspln : **Due Date :** 05/31/2021
Superintendant :

Hazard : LOW **IWD Reqmt :** N/A LOW HZRD

Work Order Task

00688964 01

MASTER

Date: 03/16/2021

of Mobilith SHC 100 grease into zerk fitting
b. Apply grease while fan is running and stop when you hear the grease enter the running bearing

Lubricated fan bearings on FGR–001,FGR–002 & FGR–003

4. Add grease with a hand–operated pressure gun until new grease enters the running bearing
a. This is accomplished by using the ultrasonic sensor and headphones to hear when the new grease enters the running bearing
b. Stop adding grease when the grease reaches the bearing to limit excess grease from migrating down the motor shaft and into the windings
Note: Be careful when greasing the fan end bearing of the TEFC (Totally (Totally Enclosed Fan Cooled) motors. Some motors have a spring–relief outlet grease fitting on the fan end that is not accessible. This spring–relief fitting normally does not have to be removed when regreasing. When greasing, take care in the amount of pressure you apply and verify relief is working
5. Putting in too much or too little grease can cause overheating of the motors and result in motor failure. Use this rule of thumb when adding grease to a motor that has been lubricated on a regular basis: It is better to use a little grease more often than a lot of grease less often
Note: Watch out for motors that were shipped only with the bearings packed and not the fill tube or even the bearing housing
Apply new grease until you can hear it enter the running bearing
6. Now that greasing is complete, leave the relief plug off and run the motor for 10 minutes to expel any excess grease
7. Replace the drain plug and wipe the bearing housing clean
8. Dispose of dirty rags in accordance with Hazardous Waste Guidelines
9. Ensure correct operation of electric motors.

Facility : F08 **Unit :** 030022 **Proj :**
Task Title : PP 1M TA3-22 FGR BEARINGS, LUBRICATE
W/O Type : PM **W/O Group :** UTIL **Task Priority :** 4
Planner : 185614 HARRIS JEANETTE S
W/O Title : PP 1M TA3-22 FGR BEARINGS, LUBRICATE
Written To : TA03-0022 FAN, FLUE GAS RECIRCULING (FGR-001, FGR-002, FGR-003)
Task Dspln : **Due Date :** 05/31/2021
Superintendant :

Hazard : LOW **IWD Reqmt :** N/A LOW HZRD

Work Order Task

00688964 01

MASTER

Date: 03/16/2021

QC Requirements / Comments

Work Completion Signatures

Name	Function/Dept.	Date
John M. Miller	Maintenance Foreman /UPPS	May 17,2021

Comments

(rework?)

Cost Accounting

Cost Center : 7D120C **Activity :** 640CL000

Percentage : 100 **Acct No :** XU5000 **Sub Acct :** 7E2P0000

Facility : F08 **Unit :** 030022 **Proj :**
Task Title : PP 1M TA3-22 FGR BEARINGS, LUBRICATE
W/O Type : PM **W/O Group :** UTIL **Task Priority :** 4
Planner : 185614 HARRIS JEANETTE S
W/O Title : PP 1M TA3-22 FGR BEARINGS, LUBRICATE
Written To : TA03-0022 FAN, FLUE GAS RECIRCULING (FGR-001, FGR-002, FGR-003)
Task Dspln : **Due Date :** 05/31/2021
Superintendant :

Hazard : LOW **IWD Reqmt :** N/A LOW HZRD

Work Order Task

00688964 01

MASTER

Date: 03/16/2021

Worker engagement questions are intended to focus attention on the task and ensure uncertainties are addressed. Examples of worker engagement questions are provided below. Worker engagement questions should be tailored to the situation.

Each of the questions listed below will be discussed at each Pre-Job Brief with all affected personnel.

Topic 1M FGR FAN Bearings Lubrication	**Completed (X)**
What permits, permissions, or support are required to safely start this work?	X
What is the most likely thing that could go wrong (not the worst thing) and what, specifically, will prevent it?	X
What can cause us to go beyond the scope of the work?	X
What hazards in the work area may not have been considered during planning of this job	X

Form 2101

Integrated Work Document (IWD) Part 2, FOD Requirements and Approval for Entry and Area Hazards and Controls

Non-Tenant Activity Form

IWD No./Work Request No: _____ Revision #: _____

The Facility Operation Director (FOD) must determine the facility entry and coordination requirements and identify the Environment, Safety, Health (ESH)/Security and Safeguards (S&S) hazards and controls associated with the specific activity location.

FOD 8	TA 03	Bldg. 22-24	Room N/A	Other Location Power Plant Bldg - Inside
FOD Designated Facility Point-of-Contact	Name Nicholas Nelson	Phone 505-655-5508	Pager N/A	Email nelson_n@lanl.gov

Entry and Coordination Requirements (*Check one or more of the following*)

- ☐ No Entry/Coordination Requirements
- ☒ Plan of the Day/Plan of the Week (POTD/POTW)
- ☒ Security Clearance Requirements
- ☐ Co-located Hazards/Concerns
- ☒ Check out at End of Work
- ☐ Escort Required
- ☐ FOD-designated facility Point-of-Contact must sign IWD Part 3
- ☒ Check in at Start of Work
- ☒ Work must be Scheduled
- ☐ Quality Issues
- ☐ Review under Authorization Basis (AB)/Safety Basis/Unreviewed Safety Question (USQ)
- ☒ Work-Area Training Required
- ☒ Check in Daily
- ☐ Other Security Requirements (ex.: Cellphone, No Foreign Nationals, etc.)
- ☒ Check out Daily
- ☒ Other Bounding Conditions: PIC is responsible to conduct a pre-job brief for work activities to ensure that work conditions and worker communications are adequate. A pre job briefing shall be conducted at the job site. UI-OPS will determine if onsite ESH representation is required during work activities.

Additional Comments

All work must be approved by the Utilities FOD or OM or OS. POD/POTW – 1:30pm Mon. thru Friday. Evaluate outside ground conditions during cold or wet weather events, wear appropriate foot wear (spiky-plus) in snow and ice conditions. Evaluate inside floor and housekeeping conditions to safely proceed with activities. Check in with Plant Operations Manager/Specialist or Operations Shift Head for final approval to proceed with tasks. All personnel entering any area must view the site specific training video in room 116 (Boiler Control Room), one time requirement. Observe safety signs and floor markings in all buildings and areas. The West end front lobby and office areas of Bldg 22 are considered a no hazard area.

Instructions: In the block below, identify work-area hazards that could potentially affect the worker(s) or others. Avoid using the same Part 2, Form 2101 for multiple facilities. Ensure that work area hazards, specific to the facility or work location are identified and controlled. Specify the facility controls and preventive measures that must be implemented by the worker(s) to protect against the work area hazards, and also special training required.

ESH/S&S WORK AREA HAZARDS & CONTROLS

Work Area Hazards/Concerns Identify site hazards and concerns that could potentially affect the worker(s) or others.	**Work Area Hazard Present**	**Facility Controls/ Preventive Measures/ Bounding Conditions** Specify preventive measures, controls and bounding conditions for each site hazard	**Reference Documents** List permits, operating manuals, and other reference procedures	**Training and Qualification** List training requirements (P300, Integretated Work Management, Section 6.1)
☐ **No Work Area Hazards**				
Ionizing Radiation Work in posted radiological areas, work with radioactive materials,	☐ Yes ☒ No			

or work on or near radiation producing devices. **Specify Hazard:**				

IWD No./Work Request No: _____ Revision #: _____

ESH/S&S WORK AREA HAZARDS & CONTROLS				
Work Area Hazards/Concerns Identify site hazards and concerns that could potentially affect the worker(s) or others.	**Work Area Hazard Present**	**Facility Controls/ Preventive Measures/ Bounding Conditions** Specify preventive measures, controls and bounding conditions for each site hazard	**Reference Documents** List permits, operating manuals, and other reference procedures	**Training and Qualification** List training requirements (P300, Integretated Work Management, Section 6.1)
Worker Exposure Working near non-ionizing radiation, beryllium, noise, chemicals, hazardous biological materials, lead, asbestos, temperature/humidity extremes, or high explosives. **Specify Hazards:** Hot Piping, Potential Hot Water/Steam from pipe/fitting openings, Boiler Water Treatment Chemicals, Asbestos.	☒ Yes ☐ No	Required PPE: Hard hat, safety shoes, safety glasses. Hearing protection (noise > 85 dba). Avoid hot surfaces and piping. Long sleeve shirt or Ansell sleeves or coveralls. Gloves when operating valves or contacting pipe/fitting openings where there is potential for hot water/steam release. Be aware of encapsulated asbestos. Follow LANL Asbestos program/rqmts if PACM identified outside containment. Be aware of chemical containers and check labeling. Be aware of piping, associated systems for any leaks. If chemical leak is noticed contact operations manager, IH&S Rep during regular working hrs. Over100 gallons of a chemical spill leave area, and control access. Call Serf Operators 667-8982 or by Radio Lanl for mitigation cleanup process. For after-hours contact the UI Duty Officer, 699-7452 to re-assess any abnormal situation	• P101-6 PPE •P101-23 Asbestos • P101-31Hearing Conservations/Noise Program	•LANL PPE or equivalent • Hearing protection • Site specific training • Asbestos awareness • Hazcom

Energized and Operative Systems Working near energized electrical parts, pressure systems, steam lines; near unprotected belts, pulleys, chains or rotating equipment; fuel fired equipment other than vehicles; or spark or flame producing operations. **Specify Hazards:** Energized/rotating equipment, hot pressurized water/steam lines .	☒ Yes ☐ No	Stay within established walking areas. Observe safety signage alarm lights and horns. Identify explosive hazards and follow task specific IWD if working on plant equipment or components. Note: All TA3-22 LOTOs require independent verification and written specific procedure. If questions consult with UI system engineer, Operation Mgr. Designee, or Safety rep. .	P101-13 Electrical Safety P101-3 LOTO P101-34 Pressure, Vacuum, Cryogenic System	Site Specific Training video. Electrical Safety LOTO if applicable to task.
Confined Spaces Entry into tanks, manholes, cooling towers, sumps, or any other area with potentially low oxygen concentration or other hazards such as toxic vapors or engulfment. **Specify Hazards:**	☒ Yes ☐ No	Observe confined space signs or markings and follow LANL Confined Space Requirements if task requires confined space entry.	P101-27 Confined Space	Confined Space Traning
Elevated Work Surface Elevated work when fall protection is not provided by conventional handrail systems or required per P101-20, *Fall Protection Program*	☒ Yes ☐ No	Stay within established walking areas, stairways and paths. Observe safety signage. Follow LANL Fall Protection Requirements if task on roofs or work above 4 feet.	P101-20.0	Fall Protection
Environmental Impact Activities conducted in areas containing potential release site, contaminated soil, sensitive species, watercourse wetlands, floodplain, historical/archeological sites, or other work area condition that can be impacted by or can impact the environment. **Specify Hazards:**	☐ Yes ☒ No			
Security Requirements **Specify:**	☐ Yes ☒ No			
Other Hazards **Specify:**	☒ Yes ☐ No	Call pest control for clean-up if excessive rat droppings, dead rodents, wasp nest, etc in area of task activity.		

I have verified that the hazards identified above adequately identify the area hazards and that the IWM process has been applied appropriately.

FOD or Representative (Signature/Z #/Date) **Approval Required** NICHOLAS NELSON (Affiliate) Digitally signed by NICHOLAS NELSON (Affiliate) Date: 2020.07.29 11:27:49 -06'00'

Date Approval Expires: 9-30-2021

Facility : F08 **Unit :** 030022 **Proj :**
Task Title : PP 1M TA3-22 FGR BEARINGS, LUBRICATE
W/O Type : PM **W/O Group :** UTIL **Task Priority :** 4
Planner : 185614 HARRIS JEANETTE S
W/O Title : PP 1M TA3-22 FGR BEARINGS, LUBRICATE
Written To : TA03-0022 FAN, FLUE GAS RECIRCULING (FGR-001, FGR-002, FGR-003)
Task Dspln : **Due Date :** 06/30/2021
Superintendant :

Hazard : LOW **IWD Reqmt :** N/A LOW HZRD

Work Order Task

00691223 01

MASTER

Date: 04/04/2021

Work Order Task Written To

Facility : F08 **Unit :** 030022 **Op Sys :**
Room : **Area :** **Sys/Cls :**
Equipment : **Component :**
Location :
Job Type : PM
Tag 1 : **Tag 2 :**
Work Item : TA03-0022 FGR **Ops Review Reqd :**

Authorization

Start Permission : Glenn Martinez **Start Date :** 5-25-21

Complete Notice : Glenn Martinez **Complete Date :** Insert Text Here

Work Order Task Instructions

DO NOT lubricate the bearings if the FGR fan is NOT in operation or in service so that proper amount of grease can be applied
using headphones
You can hear when grease reaches the bearing rolling element. At this point, stop adding grease to prevent bearing damage from overheating

There are two bearings on the fan, each with its own zerk plug
Remove the shaft guard located in the middle of the drive. The two zerk plugs are located on each of the two bearings

1. Use grease gun with the Ultralube headphones to insert the correct amount

Facility : F08 **Unit :** 030022 **Proj :**
Task Title : PP 1M TA3–22 FGR BEARINGS, LUBRICATE
W/O Type : PM **W/O Group :** UTIL **Task Priority :** 4
Planner : 185614 HARRIS JEANETTE S
W/O Title : PP 1M TA3–22 FGR BEARINGS, LUBRICATE
Written To : TA03–0022 FAN, FLUE GAS RECIRCULING (FGR–001, FGR–002, FGR–003)
Task Dspln : **Due Date :** 06/30/2021
Superintendant :

Hazard : LOW **IWD Reqmt :** N/A LOW HZRD

Work Order Task

00691223 01

MASTER

Date: 04/04/2021

of Mobilith SHC 100 grease into zerk fitting
b. Apply grease while fan is running and stop when you hear the grease enter the running bearing

Lubricated fan bearings on FGR–001,FGR–002 & FGR–003

4. Add grease with a hand–operated pressure gun until new grease enters the running bearing
a. This is accomplished by using the ultrasonic sensor and headphones to hear when the new grease enters the running bearing
b. Stop adding grease when the grease reaches the bearing to limit excess grease from migrating down the motor shaft and into the windings
Note: Be careful when greasing the fan end bearing of the TEFC (Totally (Totally Enclosed Fan Cooled) motors. Some motors have a spring–relief outlet grease fitting on the fan end that is not accessible. This spring–relief fitting normally does not have to be removed when regreasing. When greasing, take care in the amount of pressure you apply and verify relief is working
5. Putting in too much or too little grease can cause overheating of the motors and result in motor failure. Use this rule of thumb when adding grease to a motor that has been lubricated on a regular basis:
It is better to use a little grease more often than a lot of grease less often
Note: Watch out for motors that were shipped only with the bearings packed and not the fill tube or even the bearing housing
Apply new grease until you can hear it enter the running bearing
6. Now that greasing is complete, leave the relief plug off and run the motor for 10 minutes to expel any excess grease
7. Replace the drain plug and wipe the bearing housing clean
8. Dispose of dirty rags in accordance with Hazardous Waste Guidelines
9. Ensure correct operation of electric motors.

Facility : F08 **Unit :** 030022 **Proj :**
Task Title : PP 1M TA3-22 FGR BEARINGS, LUBRICATE
W/O Type : PM **W/O Group :** UTIL **Task Priority :** 4
Planner : 185614 HARRIS JEANETTE S
W/O Title : PP 1M TA3-22 FGR BEARINGS, LUBRICATE
Written To : TA03-0022 FAN, FLUE GAS RECIRCULING (FGR-001, FGR-002, FGR-003)
Task Dspln : **Due Date :** 06/30/2021
Superintendant :

Hazard : LOW **IWD Reqmt :** N/A LOW HZRD

Work Order Task

00691223 01

MASTER

Date: 04/04/2021

QC Requirements / Comments

Work Completion Signatures

Name	Function/Dept.	Date
Insert Text Here	LOG-CS/PP MAINT....	06-02-2021

Comments

(rework?)

Cost Accounting

Cost Center : 7D120C **Activity :** 640CL000

Percentage : 100 **Acct No :** XU5000 **Sub Acct :** 7E2P0000

Facility : F08 **Unit :** 030022 **Proj :**
Task Title : PP 1M TA3-22 FGR BEARINGS, LUBRICATE
W/O Type : PM **W/O Group :** UTIL **Task Priority :** 4
Planner : 185614 HARRIS JEANETTE S
W/O Title : PP 1M TA3-22 FGR BEARINGS, LUBRICATE
Written To : TA03-0022 FAN, FLUE GAS RECIRCULING (FGR-001, FGR-002, FGR-003)
Task Dspln : **Due Date :** 06/30/2021
Superintendant :

Hazard : LOW **IWD Reqmt :** N/A LOW HZRD

Work Order Task

00691223 01

MASTER

Date: 04/04/2021

Worker engagement questions are intended to focus attention on the task and ensure uncertainties are addressed. Examples of worker engagement questions are provided below. Worker engagement questions should be tailored to the situation.

Each of the questions listed below will be discussed at each Pre-Job Brief with all affected personnel.

Topic 1M Power Plant FGR Bearings Lubrication	**Completed (X)**
What permits, permissions, or support are required to safely start this work?	X
What is the most likely thing that could go wrong (not the worst thing) and what, specifically, will prevent it?	X
What can cause us to go beyond the scope of the work?	X
What hazards in the work area may not have been considered during planning of this job	X

Form 2101

Integrated Work Document (IWD) Part 2, FOD Requirements and Approval for Entry and Area Hazards and Controls

Non-Tenant Activity Form

IWD No./Work Request No: _____ Revision #: _____

The Facility Operation Director (FOD) must determine the facility entry and coordination requirements and identify the Environment, Safety, Health (ESH)/Security and Safeguards (S&S) hazards and controls associated with the specific activity location.

FOD 8	TA 03	Bldg. 22-24	Room N/A	Other Location Power Plant Bldg - Inside
FOD Designated Facility Point-of-Contact	Name Nicholas Nelson	Phone 505-655-5508	Pager N/A	Email nelson_n@lanl.gov

Entry and Coordination Requirements (*Check one or more of the following*)

- ☐ No Entry/Coordination Requirements
- ☒ Plan of the Day/Plan of the Week (POTD/POTW)
- ☒ Security Clearance Requirements
- ☐ Co-located Hazards/Concerns
- ☒ Check out at End of Work
- ☐ Escort Required
- ☐ FOD-designated facility Point-of-Contact must sign IWD Part 3
- ☒ Check in at Start of Work
- ☒ Work must be Scheduled
- ☐ Quality Issues
- ☐ Review under Authorization Basis (AB)/Safety Basis/Unreviewed Safety Question (USQ)
- ☒ Work-Area Training Required
- ☒ Check in Daily
- ☐ Other Security Requirements (ex.: Cellphone, No Foreign Nationals, etc.)
- ☒ Check out Daily
- ☒ Other Bounding Conditions: PIC is responsible to conduct a pre-job brief for work activities to ensure that work conditions and worker communications are adequate. A pre job briefing shall be conducted at the job site. UI-OPS will determine if onsite ESH representation is required during work activities.

Additional Comments

All work must be approved by the Utilities FOD or OM or OS. POD/POTW – 1:30pm Mon. thru Friday. Evaluate outside ground conditions during cold or wet weather events, wear appropriate foot wear (spiky-plus) in snow and ice conditions. Evaluate inside floor and housekeeping conditions to safely proceed with activities. Check in with Plant Operations Manager/Specialist or Operations Shift Head for final approval to proceed with tasks. All personnel entering any area must view the site specific training video in room 116 (Boiler Control Room), one time requirement. Observe safety signs and floor markings in all buildings and areas. The West end front lobby and office areas of Bldg 22 are considered a no hazard area.

Instructions: In the block below, identify work-area hazards that could potentially affect the worker(s) or others. Avoid using the same Part 2, Form 2101 for multiple facilities. Ensure that work area hazards, specific to the facility or work location are identified and controlled. Specify the facility controls and preventive measures that must be implemented by the worker(s) to protect against the work area hazards, and also special training required.

ESH/S&S WORK AREA HAZARDS & CONTROLS

Work Area Hazards/Concerns Identify site hazards and concerns that could potentially affect the worker(s) or others.	**Work Area Hazard Present**	**Facility Controls/ Preventive Measures/ Bounding Conditions** Specify preventive measures, controls and bounding conditions for each site hazard	**Reference Documents** List permits, operating manuals, and other reference procedures	**Training and Qualification** List training requirements (P300, Integretated Work Management, Section 6.1)
☐ **No Work Area Hazards**				
Ionizing Radiation Work in posted radiological areas, work with radioactive materials,	☐ Yes ☒ No			

or work on or near radiation producing devices. **Specify Hazard:**				

IWD No./Work Request No: _____ Revision #: _____

ESH/S&S WORK AREA HAZARDS & CONTROLS				
Work Area Hazards/Concerns Identify site hazards and concerns that could potentially affect the worker(s) or others.	**Work Area Hazard Present**	**Facility Controls/ Preventive Measures/ Bounding Conditions** Specify preventive measures, controls and bounding conditions for each site hazard	**Reference Documents** List permits, operating manuals, and other reference procedures	**Training and Qualification** List training requirements (P300, Integretated Work Management, Section 6.1)
Worker Exposure Working near non-ionizing radiation, beryllium, noise, chemicals, hazardous biological materials, lead, asbestos, temperature/humidity extremes, or high explosives. **Specify Hazards:** Hot Piping, Potential Hot Water/Steam from pipe/fitting openings, Boiler Water Treatment Chemicals, Asbestos.	☒ Yes ☐ No	Required PPE: Hard hat, safety shoes, safety glasses. Hearing protection (noise > 85 dba). Avoid hot surfaces and piping. Long sleeve shirt or Ansell sleeves or coveralls. Gloves when operating valves or contacting pipe/fitting openings where there is potential for hot water/steam release. Be aware of encapsulated asbestos. Follow LANL Asbestos program/rqmts if PACM identified outside containment. Be aware of chemical containers and check labeling. Be aware of piping, associated systems for any leaks. If chemical leak is noticed contact operations manager, IH&S Rep during regular working hrs. Over100 gallons of a chemical spill leave area, and control access. Call Serf Operators 667-8982 or by Radio Lanl for mitigation cleanup process. For after-hours contact the UI Duty Officer, 699-7452 to re-assess any abnormal situation	• P101-6 PPE •P101-23 Asbestos • P101-31Hearing Conservations/Noise Program	•LANL PPE or equivalent • Hearing protection • Site specific training • Asbestos awareness • Hazcom

Energized and Operative Systems Working near energized electrical parts, pressure systems, steam lines; near unprotected belts, pulleys, chains or rotating equipment; fuel fired equipment other than vehicles; or spark or flame producing operations. **Specify Hazards:** Energized/rotating equipment, hot pressurized water/steam lines .	☒ Yes ☐ No	Stay within established walking areas. Observe safety signage alarm lights and horns. Identify explosive hazards and follow task specific IWD if working on plant equipment or components. Note: All TA3-22 LOTOs require independent verification and written specific procedure. If questions consult with UI system engineer, Operation Mgr. Designee, or Safety rep. .	P101-13 Electrical Safety P101-3 LOTO P101-34 Pressure, Vacuum, Cryogenic System	Site Specific Training video. Electrical Safety LOTO if applicable to task.
Confined Spaces Entry into tanks, manholes, cooling towers, sumps, or any other area with potentially low oxygen concentration or other hazards such as toxic vapors or engulfment. **Specify Hazards:**	☒ Yes ☐ No	Observe confined space signs or markings and follow LANL Confined Space Requirements if task requires confined space entry.	P101-27 Confined Space	Confined Space Traning
Elevated Work Surface Elevated work when fall protection is not provided by conventional handrail systems or required per P101-20, *Fall Protection Program*	☒ Yes ☐ No	Stay within established walking areas, stairways and paths. Observe safety signage. Follow LANL Fall Protection Requirements if task on roofs or work above 4 feet.	P101-20.0	Fall Protection
Environmental Impact Activities conducted in areas containing potential release site, contaminated soil, sensitive species, watercourse wetlands, floodplain, historical/archeological sites, or other work area condition that can be impacted by or can impact the environment. **Specify Hazards:**	☐ Yes ☒ No			
Security Requirements **Specify:**	☐ Yes ☒ No			
Other Hazards **Specify:**	☒ Yes ☐ No	Call pest control for clean-up if excessive rat droppings, dead rodents, wasp nest, etc in area of task activity.		

I have verified that the hazards identified above adequately identify the area hazards and that the IWM process has been applied appropriately.

FOD or Representative (Signature/Z #/Date) **Approval Required** NICHOLAS NELSON (Affiliate) Digitally signed by NICHOLAS NELSON (Affiliate) Date: 2020.07.29 11:27:49 -06'00'

Date Approval Expires: 9-30-2021

ATTACHMENT A1307.H.

TA-03 Power Plant

Combustion Turbine Emission Stack Test Report

The most recent annual emission stack test for the TA-3 Combustion Turbine was conducted on January 10, 2019. An emission stack test is not required during this reporting period because the combustion turbine operated less than 25% of the monitoring period.

ATTACHMENT A1407.A.

Open Burning

There was no open burning conducted during this reporting period.

ATTACHMENT A1507.A.a

Evaporative Sprayers

The monitoring requirement for analysis of the evaporative sprayer basin water is required to be completed every two years beginning in 2018. The basin was tested in June of 2018 and in November/ December of 2020, therefore no additional analysis of the basin water was conducted during this reporting period.

ATTACHMENT A1507.A.b

Evaporative Sprayers

Hours of Operation

2021 Operational Data for SERF Spray Evaporators - Data entry

Month	Evap Sprayer #1 (SN 0053)		Evap Sprayer #2 (SN 0054)		Evap Sprayer #3 (SN 0055)		Evap Sprayer #4 (SN 0006)		Evap Sprayer #5 (SN 0008)		Evap Sprayer #6 (SN 9360)[1]	
	Hours	Gallons	Hours	Gallons	Hours	Gallons	Hours	Gallons	Hours	Gallons	Hours	Gallons
January	-	-	-	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-	-	-	-	-
April	526	220,732	-	-	-	-	-	-	-	-	-	-
May	627	263,361	-	-	-	-	-	-	-	-	-	-
June	601	248,992	-	-	-	-	-	-	-	-	-	-
July												
August												
September												
October												
November												
December												
Annual Totals	1,754	733,085	-	-	-	-	-	-	-	-	-	-

[1] Big Evaporative Sprayer #6 is offline and to be decomissioned, has been removed from pond.

Reviewed by: Vince Carretti 7/13/2021

ATTACHMENT A1507.B.

Evaporative Sprayers

Work Practice Standards

Maintenance and Repair Requirements and Records

SERF SIGMA BASINS EVAPORATOR PM LOG

UI-PROC-81-00-027-LOG

Date	Evaporator Number	Pond Number	Inspection		Cleaning	Performed By	Z#	Comments
			Damage? (Y/N)	Wear? (Y/N)				
1/15/2021	SN 0053	Land	N	N	No	CB	280633	No Operations / Inspection Only
1/15/2021	SN 0054	Land	N	N	No	CB	280633	No Operations / Inspection Only
1/15/2021	SN 0008	Land	N	N	No	CB	280633	No Operations / Inspection Only
2/12/2021	SN 0053	Land	N	N	No	CB	280633	No Operations / Inspection Only
2/12/2021	SN 0054	Land	N	N	No	CB	280633	No Operations / Inspection Only
2/12/2021	SN 0008	Land	N	N	No	CB	280633	No Operations / Inspection Only
3/19/2021	SN 0053	Land	N	N	No	CB	280633	No Operations / Inspection Only
3/19/2021	SN 0054	Land	N	N	No	CB	280633	No Operations / Inspection Only
3/19/2021	SN 0008	Land	N	N	No	CB	280633	No Operations / Inspection Only
4/7/2021	SN 0053	Land	N	N	No	CB	280633	Replaced electrical control panel
4/7/2021	SN 0054	Land	N	N	No	CB	280633	Replaced electrical control panel
4/7/2021	SN 0008	Land	N	N	No	CB	280633	Replaced electrical control panel
4/13/2021	SN 0053	Land	N	N	No	CB	280633	Unit placed online.
4/29/2021	SN 0053	Land	N	N	Yes	CB	280633	Regular cleaning.
5/6/2021	SN 0053	Land	N	N	Yes	CB	280633	Regular cleaning.
6/8/2021	SN 0053	Land	N	N	Yes	CB	280633	Regular cleaning.