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New Mexico Environment Department Air Quality Bureau Compliance and Enforcement Section 525 Camino de los Marquez, Suite 1



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Version 05.02.13

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E. 🗌	NMAC Requirement (20.2.xx) or NESHAP Requirement (40CFR61)	Regulation:		Section(s	s):		Description	on:				
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Environment Safety & Health
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(505) 667-4218/Fax (505) 665-3811

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Date: Svmbol:

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Locates Action No.:

N/A

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

Dear Compliance and Enforcement Manager:

Subject: Semi-Annual Monitoring Report for March-June 2015 – Air Quality Title V Operating Permit P100-R2, AI No. 856 – Los Alamos National Laboratory (LANL)

Enclosed is Los Alamos National Laboratory's Semi-Annual Monitoring Report for Title V Operating Permit P100-R2. The Title V renewal permit P100-R2 was issued on February 27, 2015 and supersedes the previous operating permit P100-R1-M3. This report covers the monitoring period March-June 2015.

A separate semi-annual monitoring report for P100-R1-M3 is being submitted concurrently, and includes the monitoring period January-February 2015. These submissions are required by permit condition A109.A. of the Operating Permit P100-R2, and are submitted within 45 days following the end the six month reporting period.

This semi-annual monitoring report includes:

- Title V Report Certification Form
- Title V Semi-Annual Monitoring Report for Permit P100-R2
 - o Part 1 Monitoring Activity Reporting Requirements
- Monitoring Report Attachments A113 through A1307.H.

There were no deviations during this period.

If you have any questions or comments regarding this submittal or would like to discuss this submittal in greater detail, please contact Steven L. Story at (505) 665-2169.

Sincerely,

Michael T. Brandt, DrPH, CIH

Associate Director

Environment, Safety, and Health

MTB/SLS/BR:mls

Enclosure: (1). LANL Title V Semi-Annual Monitoring Report for P100-R2, March-June 2015

Cy: Hai Shen, LASO-EP-SG, (E-File)

Kirsten Laskey, LASO-GOV (E-File)

Paul David Henry, DIR, (E-File)

Craig Leasure, PADOPS, (E-File)

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ENV-CP Title V Monitoring Report File, J978

ENCLOSURE 1

LANL Title V Semi-Annual Monitoring Report for P100-R2, March-June 2015

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Date:	

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, Los Alamos	State: N	M	Zip	o: 87545
Responsible Official (RO): Michael T. Brandt	Phone	: 505-667-42	218	Fax: 505-665-3811
RO Title: Associate Director, Environmental, Safety, & Healt	h	RO e-mail:	mth	orandt@lanl.gov
Permit No.: P100-R2	Date Per	rmit Issued:	Feb 2	27, 2015
Report Due Date (as required by the permit): 08/14/2015	Permit A	AI number: 8	56	
Time period covered by this Report: From: March 2015	Time period covered by this Report: From: March 2015 To: June 2015			5
III. Certification of Truth, Accuracy, and Completeness				
I am the Responsible Official indicated above. I, (Michael T. Brandt) certify that I meet the requirements of 20.2.70.7.AE NMAC. 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				

Title V Semi - Annual Monitoring Report for Permit P100R2

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)

Stack Test Protocols and Stack Test Reports shall be submitted electronically to Stacktest.AQB@state.nm.us or as directed by the Department.

Excess Emission Reports shall be submitted as directed by the Department. (20.2.7.110 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 the mailing address below, or as directed by the Department:

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 onsite 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** 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 Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below. ☐ Yes **Tracking Number: Date report submitted:** ⊠ No Provide comments and identify any supporting documentation as an attachment. Comments: A semi-annual report of actual emissions for July-December 2014, was submitted for P-100-R1-M3 on March 24, 2015, within 90 days from the end of the reporting period as required by condition A109. LANL's Title V renewal permit P100-R2 was issued on February 27, 2015 and a semi-annual report of actual emissions is not due until 90 days following June 30, 2015.

A113 Other Provisions (20.2.70.302.G.3 NMAC)

- A. To verify Insignificant Activity 1.a and 1.b status of the TA-54 MDA L Soil Vapor Extraction System (SVE), the permittee shall perform the following actions.
- (1) At least once every 3 months, the permittee shall calculate and record the tons of VOC and HAP emissions from both SVE units (east and west) using data collected from the SVE stack monitoring system and periodic sampling of the SVE stack gas. The record shall include both measured individual HAPs and total HAPs. These calculations and records shall begin upon startup of the SVE system and shall continue for a period of no less than 12-months to determine the actual ton per year emissions.
- (2) The permittee shall report the available tons of HAPs (individual and total) and total VOC emissions data in the Semi-Annual reports required in Condition A109.A.
- Within 45 days of collecting 12 months of emissions data, the permittee shall submit the final ton per year VOC and HAPs emissions, the calculations, and the supporting data to AQB's Permit Programs Manager that verifies the Insignificant Activity status of TA-54 MDA L SVE. This submittal shall also cite the Title V Insignificant activity number that applies to the SVE units. Within 30 days of receipt of the submittal, the AQB will complete a review of the information and respond to the permittee in writing. Once AQB provides a written response of this Insignificant source verification, the monitoring, calculations, and reporting of the SVE system emissions no longer applies.

Has this reporting requirement been met during this reporting period with a separate report submittal?

Answer Yes or No below.

Tracking Number:

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

Comments: The VOC and HAPs emissions from both SVE units are calculated and are provided as ATTACHMENT A113.

EQUIPMENT SPECIFIC REQUIREMENTS:

A605 **Fuel Requirements – Asphalt Production Asphalt Plant Combustion Sources** A. 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 No Provide comments and identify any supporting documentation as an attachment. **Comments:** Requirement: Pipeline quality natural gas was used at the Asphalt Plant during this certification period and is one of the fuels allowed under the NSR permit GCP-3-2195G. Recordkeeping: Records are maintained in accordance with Section B109. Reporting: A109.A: This semi-annual monitoring report is being submitted within the allowed 45 days of this reporting period. A109.B: The semi-annual emissions report for the period Mar-June, 2015 for Operating Permit P100-R2 is due ninety days following June 30, 2015. Please note that January-February 2015 period is covered under permit P100-R1-M3. The July-December 2014 emissions report for P100-R1-M3 was submitted within the allowed 90-day period on March 24, 2015. A109.C: The 2014 Annual Compliance Certification Report for P100-R1-M3 was submitted to NMED-AQB and EPA within 30 days of the end of the 12-month reporting period. The report was submitted to NMED and EPA on January 29, 2015. All reporting requirements are completed and submitted in accordance with Section B110.

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: The differential pressure information is used to confirm proper operation of the baghouse. The differential pressure across the baghouse filters during rotary dryer drum operation is measured by the following:

- 1. A data-logger records differential pressure readings every two minutes and transmits the pressure drop data through a leased phone-line to a remote terminal unit.
- 2. A chart-recorder records differential pressure readings, and serves as a backup when there is remote data-transmission phone communication problems.
- 3. The plant operator manually records the differential pressure readings at each start-up and shutdown daily.

Recordkeeping conditions are met using the data-logger, backup chart recorder, and operator's manual differential pressure entries at the start and end of each operation daily.

The differential pressure readings are provided in ATTACHMENT A607.A.

Records are maintained in accordance with Section B109.

A607 **Asphalt Production – Other** В. 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:** The height of the asphalt plant stack has been measured and is not less than 10 meters. The stack is a permanent structure attached to the baghouse fan outlet and its height does not change. Records are maintained in accordance with Section B109.

Emission and monitoring reports are submitted on a 6-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.

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: LANL has certified visible emission (opacity) readers on-site who perform monthly six (6) minute readings using 40 CFR Part 60, Appendix A, Reference Method 9 to determine compliance with the opacity limitation. No visible emissions exhibited an opacity of 20% or greater during this reporting period. Method 9 opacity reports for March through June 2015 are provided in ATTACHMENT A607.C. The asphalt plant did not operate in June 2015 and opacity measurements were not conducted. The January and February opacity measurements are provided concurrently with the Semi-Annual Monitoring report for P100-M1-R3.

Records are maintained in accordance with Section B109.

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: Baghouse fines 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.

Records are maintained in accordance with Section B109.

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: Asphalt production is monitored and recorded on a daily basis. The weekly rolling 12- month total is calculated and compared against the production limit set in this permit condition. Data on asphalt production is recorded daily on an operation log. The asphalt production rate did not exceed the permit limit. The daily operation logs and 12-month rolling totals are provided in ATTACHMENT A607.E.

Records are maintained in accordance with Section B109.

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: 1) No new equipment was installed during this monitoring period. Operation 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.
- 4) Both EPA reference methods 9 and 22 are used at the plant to determine the extent of visible emissions.

The asphalt plant did not emit fugitive dust that exceeded the 5 minute limit of visible emissions during any 2 consecutive hours of operation. EPA Reference Method 9 reports are in ATTACHEMENT A.607.C and EPA Reference Method 22 reports are in ATTACHMENT A607.G. Please note that opacity measurements for March through June 2015 are attached to this monitoring report for P100-R2. The asphalt plant did not operate in June 2015 and measurements were not taken. A separate monitoring report is being submitted for P100-R1-M3, and includes January and February 2015 opacity reports.

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: During this reporting period, the asphalt plant did not emit fugitive dust that exceeded 5 minutes of visible emissions during any 2 consecutive hours.

Method 22 readings are taken once per month. The Method 22 readings for March, April and May 2015 are provided in ATTACHMENT A607.G. The asphalt plant did not operate in June 2015 and opacity measurement were not taken. No visible emissions were observed for more than two minutes during any Method 22 test in this reporting period. A separate monitoring report is being submitted concurrently for the previous permit P100-R1-M3 which was superceded by P100-R2 on February 27, 2015.

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

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.
Target Fabrication Facility TA-35-213	Beryllium operations will consist of only beryllium machining and associated cleanup activities.	None	(NSR permit 634-M2) All processes shall be exhausted through a HEPA filtration system prior to entering the atmosphere.
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.	44 pounds of beryllium (20 kg) in any 24 hour period; 1100 pounds/year (500 kg/year) using a rolling total.	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-R3, Specific Condition 1.b., partial, revised)	(NSR Permit 1081-M1-R3, Specific Condition 1.c.)	(NSR Permit 1081-M1-R1, Condition 3, partial, revised)

Т	The electric furnace	The non-accessible filters
sh	hall be enclosed in a	shall be replaced when the
gl	love box, have a	pressure drop across the
m	naximum operating	filter either falls to levels
te	emperature of 1600	indicating filter
de	legrees centigrade, and	breakthrough or increases to
ar	n inside volume space	levels indicative of
le	ess than 1.1 cubic feet.	excessive loading.
(1)	NSR Permit 1081-M1-	
R	R6, Specific Condition	(NSR Permit 1081-M1-R1,
1.	.d., partial, revised)	Condition 3, partial, revised)

B. Emissions Monitoring Requirements – Beryllium Activities

B. Emissions Monito	oring 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	Facility exhaust stack will be equipped with a continuous emission monitor used to measure beryllium emissions.	
TA-3-141	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	Generate and maintain beryllium inventory records to demonstrate compliance	

m 1 1	
Technology Facility TA-3-141	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	The permittee shall submit reports described in Section A109 and in			
TA-3-66	accordance with Section B110.			
Beryllium	Anticipated date of initial startup of each new or modified source not less			
Technology	than thirty (30) days prior to the date.			
Facility	Actual date of initial startup of each new or modified source within fifteen			
TA-3-141	(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.			

Target Fabrication	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. The permittee shall submit reports described in Section A109 and in
Facility TA-35-213	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:	Tracking Number:
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No Provide comments and identify any supporting documentation as an attachment.

Comments:

A707.A Operational Requirements - Beryllium Activities:

TA-3-66 - Metallographic operations and 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 the Laboratory's quality program. Records of berylllium process 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 then through the HEPA filtration system. Metallographic preparations activities are conducted in lubricating baths or equivalent.

TA-35-213 - All processes are exhausted through a HEPA filtration system prior to entering the atmosphere.

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 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 – Log books are maintained for monitoring the number of metallographic specimens used in the metallographic operation and the weight or volume of samples processed in the electroplating/chemical milling, machining, and arc melting/casting operations. The log books are available 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 in operation.

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 electric furnace did not operate during this certification 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.

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 and are provided in ATTACHMENT A707.C.b. 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:

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 report was submitted on April 10, 2015 (SBR20150005) for this reporting period (March through June 2015).

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: A natural gas transportation contract is in place, and states that gas provided to LANL will be

Emission and monitoring reports are submitted on a 6-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.

pipeline quality and contain no more than three quarters (3/4) grains of total sulfur per one hundred (100)

standard cubic feet.

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: 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) 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. A copy of the transportation contract and purchase contract are kept on site. No fuel oil was purchased during this reporting period.

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: 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. Opacity did not exceed 20% over a 10-minute period and no visible emissions were observed during steady state operations during this reporting period.

The natural gas combusted by all boilers at LANL meets the requirement at Condition 805.A.

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

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: 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. Opacity did not exceed 20% over a 10-minute period and no visible emissions were observed during steady state operations during this reporting period.

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

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

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: 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. Visible emissions did not exceed 20% opacity during this reporting period.

An opacity observation is taken each day fuel oil is used. A standard form is used for all opacity measurements. The 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.

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: 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 total are provided in ATTACHMENT A807.A.

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

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. The emission rate is calculated every 6 months and annually for this source category and compared to the limits.

Records are maintained in accordance with Section B109.

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.
- 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.
- 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:

Monitoring:

- 1) A totalizing flow meter is in place and measures natural gas used by the CMRR boilers. The natural gas fuel use data is provided in ATTACHMENT A807.A
- 2) Daily fuel oil consumption is monitored using meters located on each boiler. The fuel use readings are monitored by facility personnel. No fuel oil was burned during this reporting period.
- 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 monitored.

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 6-month and annual basis for each fuel type and for both fuels combined. Emissions are compared to permit limits. This data is 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 condition A804.B.
- 4) Records are maintained in accordance with condition B109.

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, and RLUOB-BHW-1 through -3 meet the requirements of 40CFR Part 60, Subparts A and Dc. Notification requirements were met through source startup notifications and initial permit applications.

Monitoring: The amount of fuel combusted is monitored and recorded on a monthly basis. Fuel sulfur requirements and tracking are 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 and fuel use records are maintained on site for at least 5 years as required by the operating permit.

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: The Laboratory purchases fuel oil with ultra low sulfur content; fuel oil was not combusted during this certification period.

RLUOB-BHW-4 has not been purchased. When purchased and installed, the requirements, monitoring, recordkeeping and reporting will be conducted in accordance with the requirements listed in permit P100-R2.

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: This unit has not been purchased. Once purchased and installed, the requirements, monitoring, recordkeeping and reporting will be conducted in accordance with the requirements listed in permit P100-R2.

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: Mar 14, 2015 Tracking Number: SBR20150006 Tracking Number:

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

Comments:

Monitoring: LANL conducts annual operational inspections on the permitted boilers listed in the current permit. No operational inspections were conducted during this monitoring period (ATTACHMENT A807.F.). The annual operational inspections for the boilers located at TA-16, RLUOB, TA-53, and TA-55 are scheduled for the second half of 2015.

Recordkeeping: The records of operational inspections and results are maintained in the compliance folders and an e-file maintained on the air quality site.

Reporting: LANL submitted a procedure that will be used to carry out the operational inspections. This procedure was submitted on May 13, 2015 within 90 days after permit issuance.

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:

Tracking Number:

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: Facility wide chemical purchase records are collected in LANL's ChemLog database and used to calculate emissions. Chemical emission information is submitted to NMED every 6-months in accordance with permit condition A109.B. The Semi-Annual Emissions Report for the second half of 2014 (July 1 – December 31) was submitted to NMED on March 24, 2015, 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 HAP emissions are calculated, recorded, and reported on a 6-month basis in accordance with permit conditions A109.B, B109, and B110. The semi-annual emission 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: The CMRR-CHEM facility laboratory activities started operations in May 2014. Chemical purchasing for the facility are monitored using an electronic chemical tracking system (ChemLog). Records of chemical purchases for the reporting period are provided in Attachment A907.B.a

Monitoring: 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: Emission and monitoring reports are submitted on a 6-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:

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.
- 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 checklist is provided in ATTACHMENT A1007.A.b.
- Records for this source category are maintained in accordance with Section B109.

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-1-P operated only 2.5 hours during this reporting period for maintenance purposes. Emissions are below the limits stated in Table 1102.A. in NSR permit 2195F-R4

Monitoring: The operations are monitored each day and the generator is equipped with a non-resettable hour meter. The purpose of equipment use at TA-33 and other site(s) 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.

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:

Monitoring: The hour readings are collected twice a year to verify the hour limit is not being 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 through -4 are calculated and recorded semi-annually.
- 3) Certificates of compliance with applicable non-road emission standards are maintained on site.

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 with the Laboratory to only purchase ULSD, which is less than 15 ppm sulfur.

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

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 su	bmitted:
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Tracking Number:

No Comments:

Requirement: No unit subject to requirements in this section exceeded 20% opacity during this certification period.

Provide comments and identify any supporting documentation as an attachment.

Monitoring: Section B108.D(2) of the permit allows for reduced frequency of opacity monitoring, if the unit operates less than 10% of the monitoring period (calendar quarter). The applicable CI-RICE units operated less than 10% of each monitoring period (less than 219 hours each quarter) during this reporting period. If the unit operates greater than 10% of the monitoring period, the unit will have an opacity observation performed on it, otherwise an opacity observation will be performed within 5 years of the issuance date of the operating permit P100-R1-M1issued June 15, 2012 when this requirement was first included.

The combustion units operated less than 10% during this reporting period. Therefore, opacity measurements were not required during this monitoring period (ATTACHMENT A1106.A.).

Recordkeeping: Records are maintained in accordance with Section B109.

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 Num

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 contract and policy of purchasing ULSD. \$60.4211 (a) (b) and (f) - Manufacturer's certifications for nonroad engine are at site to demonstrate compliance with emission standards; Maintenance checks and readiness testing of such units is limited to 100 hours per year per \$60.4211(f).

Recordkeeping: Hours of nonemergency 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 maintenance and readiness checks.

Reporting: Hours of operations are reported in accordance with Section B110.

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:
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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 contract and policy of purchasing ULSD. \$60.4211 (a) (b) and (f) - Manufacturer's certifications for nonroad engine are on site to demonstrate the compliance with standards; maintenance checks and readiness testing of such units is limited to 100 hours per year per \$60.4211(f).

Recordkeeping: Hours of nonemergency 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 maintenance and readiness checks.

Reporting: Hours of operations are reported in accordance with Section B110.

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 semi-annual 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 semi-annual 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.

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 re	eport submitted:
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Tracking Number:

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

Comments:

Requirement: Preventative maintenance and repair are performed on the data disintegrator cyclone and cloth tube filter(s) following manufacturer's recommendations.

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

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: No records have been generated.

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 per one hundred (100) standard cubic feet.

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 during this reporting period.

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: This requirement is satisfied since 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 per one hundred (100) standard cubic feet. Recordkeeping: The transportation contract is kept on site. Reporting: Emission and monitoring reports are submitted on a 6-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. The opacity limit was not exceeded during this reporting period.

Monitoring: Natural gas fuel meets the requirement specified in Condition A1305.A and B. No visible emissions were observed during steady state operation during this reporting period.

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

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 re	eport submitted:
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Tracking Number:

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

Comments:

Requirement: No fuel oil was combusted during this reporting period. 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. The opacity limit was not exceeded during this reporting period.

Monitoring: Opacity is read at least once a 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. No fuel oil was burned, and therefore no opacity readings were required or taken during this reporting period.

Recordkeeping: Records are maintained in accordance with Section B109.

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

Emission spreadsheets are in place that calculate all required emissions and are used for monitoring and reporting purposes. The average hourly emission rates and actual annual emission rates are included in the spreadsheet. Emission rates are provided in ATTACHMENT A1307.A.

Condition A1307.A.3 - The units are based on the emission factor for NOx (lbs/MMscf), which is converted to lbs/MMBtu by dividing by 1020 (standard number of MMBtu in an MMscf). The NOx emission rate is a constant of 0.057 lbs/MMBtu unless the Btu value of the fuel changes significantly.

Records are maintained in accordance with Section B109.

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:
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Tracking Number:

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

Comments:

Requirement: The combined boiler natural gas use did not exceed 1000 MMscf or 500,000 gallons of fuel oil in any 12- month period. All fuel use data is tracked monthly in a spreadsheet used for emission calculations.

Monitoring: Natural gas fuel meters are in place on each of the boilers. 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 both natural gas and fuel oil use are recorded and reviewed monthly to verify usage does not exceed allowable limits. The monthly and 12 month rolling totals for each fuel are provided in ATTACHMENT 1307.B.

Recordkeeping: 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 1307.B. Records are maintained in accordance with Section B109.

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 and reviewed to verify usage does not exceed 1400 MMscf. The daily and monthly total fuel use is collected and recorded monthly in a spreadsheet used for calculating emissions. The monthly and 12-month rolling natural gas total is provided in 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 also 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.

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:
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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. Load range is calculated by the turbine operating system and is manually recorded each hour during operation. Daily operating logs showing the generator output/load are provided in ATTACHMENT 1307.D Startup/shutdown procedures are in place and are followed by the unit operators.

The 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.

The unit did not operate outside of the required load range during this reporting period. No malfunctions occurred during this reporting period.

Recordkeeping: Records are maintained in accordance with Section B109.

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 in operation, the associated Flue Gas Recirculation (FGR) fan is on. A fan speed indicator is located on the control panel in 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. Inspection forms are provided in ATTACHMENT A1307.E.

Recordkeeping: No malfunctions occurred during this certification period. All inspection records contain the required data found in this section. Records are maintained in accordance with Section B109.

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 Dry Low Emissions (DLE) control technology is an integral part of the combustion turbine design. The

DLE control was evaluated during unit start-up and determined to be working as designed.

Manufacturer data is available on the DLE system.

Records are maintained in accordance with Section B109.

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.

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 60.7.

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

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 s	upporting documentation as an attachment.	
Comments:			

Requirement: The facility is in compliance with the allowable limits as demonstrated below in monitoring and reporting sections below.

Monitoring: An annual emission stack was conducted on December 16, 2014; the test results demonstrated that the actual emissions were less than the allowable emissions. No additional stack testing is required this reporting period (See ATTACHMENT A1307.H.). The test was performed as required following the monitoring requirements of Section B108 and general testing procedures found in section B111.

Test results from the test demonstrate compliance with NOx and CO emission limits. No limits were exceeded.

The tests are performed annually and are not conducted within a calendar quarter of each other. Records of periodic emissions test include all data required by this section.

A combustion analyzer is used for this periodic emissions test. Instrument and calibration data is included in the final test report. An ORSAT or other similar gas absorption analyzer is not used.

Recordkeeping: Records are maintained in accordance with Section B109.

Reporting: Raw data, and calculations used, are included in the test report. Emission and monitoring reports are submitted on a 6-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

Answer 1 e	s of No below.		
☐ Yes	Date report submitted:	Tracking Number:	
⊠ No	Provide comments and identify an	y supporting documentation as an attachment.	
Comments	:		
No open bu	rning occurred during this reporting pe	riod.	

	Part 2						
Deviation Summary Report							
	ty Bureau during this reporting period? tions Previously Reported" table below,		☐ Yes	⊠ No			
SUMMARY O	OF DEVIATIONS PREVIOUSLY I	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 Requ (Include Rule Ci		Emission Unit ID(s)		Cause of Deviation			Action Taken			
1											
2											
3											
4											
5											
Deviation Summary Table (cont.)											
	Deviation Started Devi			ation Ended						Did you attac	
No.	Date	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

Monitoring Report Attachments – P100-R2

ATTACHMENT A113 MDA-L Soil Vapor Extraction Monitoring Data

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 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 A807.A. External Combustion - Natural Gas Usage and Rolling 12-Month Total

ATTACHMENT A807.F. External Combustion – Boiler Annual Inspections

ATTACHMENT A907.A. Chemical Usage - Chemical Purchases (From ChemLog)

ATTACHMENT A907.B.a. Chemical Usage – CMRR-CHEM Chemical Purchases (From ChemLog)

ATTACHMENT A907.B.b. Chemical Usage – CMRR-CHEM Chemical Quantity Total

ATTACHMENT A1007.A.a. Degreaser - Degreaser Solvent Usage (From Tracking Database)

ATTACHMENT A1007.A.b. Degreaser - Sample Work Practice Checklist

ATTACHMENT A1104.A. Internal Combustion - TA-33-G-1P Daily Operating Logs

ATTACHMENT A1104.B. Internal Combustion - Permitted Generator Hours

ATTACHMENT A1106.A. Internal Combustion - Method 9 Opacity Reports

ATTACHMENT A1207.A. Data Disintegrator - Operating Logs

ATTACHMENT A1207.B. Data Disintegrator - Maintenance Performed

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

Monitoring Report Attachments – P100-R2

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 A113

MDA-L Soil Vapor Extraction Monitoring Data

LANL TA-54 MDA-L Soil Vapor Extraction System (SVE)

The Soil Vapor Extraction (SVE) units at LANL's TA-54 MDA-L site were granted a "No Permit Required" determination from NMED-AQB on May 29, 2014 and were issued Air Quality No Permit Required (NPR) No. 2195L-R1. This monitoring data satisfies Condition A113.A(1) and A(2) of Title V Permit P100-R2.

Both SVE units pull soil vapor from extraction wells with boreholes open from 65 to 215 feet below ground surface, and discharge through stacks located 21 feet above ground surface.

SVE-West began operation on January 9, 2015, operated at an average flow rate of 99.37 CFM, and ran 98.6 percent of the available time during this reporting period (Jan-June 30, 2015). SVE-East began operation on January 26, 2015, operated at an average flow rate of 97.30 CFM, and ran 99.4 percent of the available time.

Stack Sampling

In-stack sampling systems are included in both stacks. A B&K instrument was used for the first few months, and was replaced with an Innova sampling instrument. The Innova instrument is a modern updated version of the B&K instrument. Both instruments provide real-time screening for a maximum of four analytes (TCA, TCE, Freon-11, PCE). Data from these systems is not complete for all compounds of interest.

SUMMA canister sampling is performed on a regular schedule in both stacks for all compounds of interest. All SVE SUMMA samples are analyzed by an independent analytical laboratory, Eurofins Air Toxics, Inc., using EPA TO15 method. The data are collected in the Environmental Information System database EIM. The EIM is an official database for environmental data for both LANL and NMED.

Calculations

Emissions reported are calculated from the quality assured SUMMA measurements. The calculations are based on two principles: the numerical integration of the data and the interpolation of the results to the desired date. Numerical integration is based on the trapezoid method and the interpolation is always linear. No results are extrapolated beyond the last measurement.

Results

The attached table provides cumulative results for each month for the period from January – June 30, 2015 for individual HAPs and VOCs and total HAPs and VOCs. For this 6 month period total HAPs are 747 lbs and total VOC are 291 lbs. Because some compounds are both a VOC and a HAP, total emissions are less than adding these values and are shown in the table as 831.8 total pounds for all compounds. In the table, cumulative values are shown. Individual monthly emissions diminished over the reporting period as soil pore gas concentrations were lowered by the SVE systems.

MDA-L SVE Monthly Cumulative Summary of SUMMA Canister Sampling

	PARAMETER			Cumulative Total Pounds through					
PAKAMETER NAME	CODE	HAP	VOC	2/1/2015	3/1/2015	4/1/2015	5/1/2015	6/1/2015	7/1/2015
Acetone	67-64-1	1	ı	0.010	0,010	0.010		0.010	0.010
Benzene	71-43-2	×	×	0.029	0.157	0.271	0.345	0.429	
Benzyl Chloride	100-44-7	×	×	0	0	0	0	0	
Bromodichloromethane	75-27-4	*	×	0	0	0	0	0	
Вготобот	75-25-2	×	×	0	0	0	0	0	
Bromomethane	74-83-9	×	×	0	0	0	0		
Butadiene[1,3-]	106-99-0	×	×	0	0	0	0		
Butanone[2-]	78-93-3	×	×	0	0	0			
Carbon Disulfide	75-15-0	×	1	0	0	0			
Carbon Tetrachloride	56-23-5	×	×	0.319	0.719	1.052	1.345	1 597	1 803
Chioro-1-propene[3-]	107-05-1	×	×	0	0	0		CCT	Toolit
Chlorobenzene	108-90-7	×	×	0	0	0.004	00.0	0100	0.000
Chlorodibromomethane	124-48-1	:	×	0	0	0		O	
Chloroethane	75-00-3	×	×	0	0	0	0	0	
Chloroform	67-66-3	×	×	3.004	6.645	9.756	12.226	14.491	16.478
Chloromethane	74-87-3	×	×	0	0	0	0	0	0
Cyclohexane	110-82-7	į.	×	0	0	0	0	0	
Dibromoethane[1,2-]	106-93-4	×	×	0	0	0	0	0	0
Dichloro-1,1,2,2-tetrafluoroethane[1,2-]	76-14-2	:	t	0	0	0	0	0	0
Dichlorobenzene[1,2-]	95-50-1	1	×	0	0	0	0	0	
Dichlorobenzene[1,3-]	541-73-1	6	×	0	0	0	0	0	
Dichlorobenzene[1,4-]	106-46-7	×	×	0	0	0	0	0	
Dichlorodifluoromethane	75-71-8		1	0.270	0.586	0.846	1.046	1.236	1.403
Dichloroethane[1,1-]	75-34-3	×	×	2.363	2.062	7.253	9.028	10.676	12.037
Dichloroethane[1,2-]	107-06-2	×	×	8.164	14.285	19.744	24.514	28.899	32.590
Dichloroethene[1,1-]	75-35-4	×	×	2.682	7.404	11.398	14.669	17.892	21.22
Dichloroethene[cis-1,2-]	156-59-2	1	×	0	0	0	0	0	
Dichloroethene[trans-1,2-]	156-60-5		×	0	0	0	0	0	
Dichloropropane[1,2-]	78-87-5	×	×	1.328	2.669	9.611	12.857	15.952	18.599
Dichloropropene[cis-1,3-]	10061-01-5	×	×	0	0	0	0	0	
Dichloropropene[trans-1,3-]	10061-02-6	Ü	×	0	0	0	0	0	
Dioxane[1,4-]	123-91-1	×	×	0.101	0.362	0.828	1.377	2.015	2.670
Ethanol	64-17-5	ı	×	0	0.007	0.007	0.043	0500	0:020
Ethylbenzene	100-41-4	×	×	0	0	0	0	0	
Ethyltoluene[4-]	622-96-8	:	×	0	0	0	0	0	
Hexachlorobutadiene	87-68-3	×	×	0	0	0	0	0	0
Hexane	110-54-3	×	×	0	0.046	0.046	0.046	0.046	0.046
Hexanone[2-]	591-78-6	¥	×	0	0	0	0	0	0
Isooctane	540-84-1	×	×	0	0.017	0.133	0.133	0.157	0.186
Isopropylbenzene	98-85-8	×	×	0	0	0	0	0	
Methyl tert-Butyl Ether	1634-04-4	×	×	0	0	0	0	0	
Methyl-2-pentanone[4-]	108-10-1	×	×	0	0	0	0	0	0
Methylene Chloride	75-09-2	×	ŧ	1.026	3.360	5.509	7.451	9.320	10.942
n-Heptane	142-82-5	1	×	0	0.022	0.022	0.022	0.022	0.022
Propanol[2-]	0-69-29	,	×	0	0	0	0	0	0
Propylbenzene[1-]	103-65-1	i)	×	0	0	0	0	0	0
Styrene	100-42-5	×	×	0	C	C	C	C	

MDA-L SVE Monthly Cumulative Summary of SUMMA Canister Sampling

	PARAMETER		No.	Cumulative Total Pounds through	Cumulative Total Pounds through	Cumulative Total	Cumulative Total	Cumulative Total	Cumulative Total
PARAMETER_NAME	CODE	HAP	Voc	2/1/2015	3/1/2015	4/1/2015	5/1/2015 5/1/2015	Founds through	Pounds through
Tetrachloroethane[1,1,2,2-]	79-34-5	×	×	0	0	0	0	CTOT IT IS	CTO2/T/
Tetrachloroethene	127-18-4	×	1	11.458	25.278	38.761	029 05	0 63 059	73,457
Tetrahydrofuran	109-99-9	1	×	0.042	0.160	0600		02.033	72.137
Toluene	108-88-3	×	×	0.057	0.289	0.579		0.035	1,102
Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	:	:	8,632	27.928	978 84	56.045	0.307	1.193
Trichlorobenzene[1,2,4-]	120-82-1	×	×	0	0	CCCC	1	0	096.77
Trichloroethane[1,1,1-]	71-55-6	×	1	61.382	144.988	716 434	520 770	200 705	0 00 020
Trichloroethane[1,1,2-]	79-00-5	×	×	0	0	C		010.130	274,002
Trichloroethene	79-01-6	×	×	41.494	78.906	110.707	136.865	161 166	192 640
Trichlorofluoromethane	75-69-4	1		0.539	1.604	2 501	3 763	3 027	102.043
Trimethylbenzene[1,2,4-]	95-63-6	1	×	0	C		0	0.532	170.4
Trimethylbenzene[1,3,5-]	108-67-8		×	0	0				
Vinyl Chloride	75-01-4	×	×	0	0				
Xylene[1,2-]	95-47-6	×	×	0	C				
Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	×	×	600'0	0.024	0.040	0.051	0.061	0 070 0
Total all Compounds Detected (lbs)				142.909	323.527	479.130	608.037	776.977	831 828
Total HAPs (lbs)		Total HAPs	HAPs	133.417	293.210	432.075	547.216	653 701	747 194
Total VOC (lbs)		Total VOC	VOC	29:292	119.773	171.690	214.669	254.984	290 833

ATTACHMENT A607.A.

Asphalt Plant

Differential Pressure Records

PRP 600233DIFFPRES PRP-Profile Report Program

1 Point found

Acronym

Reporting on 1 point

 Start
 Time
 [0:00:00]
 :

 Stop
 Time
 [23:59:59]
 :

Increment (xx[S/M/H/D 2M

Date	Time	DiffPress	Available	Operator Log Time	Comment
		inches	U=unavailable		
/lar-15	10:50:00	2.36		Hours of Operation 2 Mar 2015 10:50-11:24 AM	Datalogger operated continuously
/lar-15	10:52:00	2.39		Hours of Operation 2 Mar 2015 10:50-11:24 AM	Datalogger operated continuously
/lar-15	10:54:00	2.77		Hours of Operation 2 Mar 2015 10:50-11:24 AM	Datalogger operated continuously
/lar-15	10:56:00	3.21		Hours of Operation 2 Mar 2015 10:50-11:24 AM	Datalogger operated continuously
/lar-15	10:58:00	3.37		Hours of Operation 2 Mar 2015 10:50-11:24 AM	Datalogger operated continuously
/lar-15	11:00:00	3.37		Hours of Operation 2 Mar 2015 10:50-11:24 AM	Datalogger operated continuously
/lar-15	11:02:00	3.64		Hours of Operation 2 Mar 2015 10:50-11:24 AM	Datalogger operated continuously
/lar-15	11:04:00	3.64		Hours of Operation 2 Mar 2015 10:50-11:24 AM	Datalogger operated continuously
/lar-15	11:06:00	3.69		Hours of Operation 2 Mar 2015 10:50-11:24 AM	Datalogger operated continuously
/lar-15	11:08:00	3.92		Hours of Operation 2 Mar 2015 10:50-11:24 AM	Datalogger operated continuously
/lar-15	11:10:00	4.16		Hours of Operation 2 Mar 2015 10:50-11:24 AM	Datalogger operated continuously
/lar-15	11:12:00	4.15		Hours of Operation 2 Mar 2015 10:50-11:24 AM	Datalogger operated continuously
/lar-15	11:14:00	3.9		Hours of Operation 2 Mar 2015 10:50-11:24 AM	Datalogger operated continuously
/lar-15	11:16:00	0.35		Hours of Operation 2 Mar 2015 10:50-11:24 AM	Datalogger operated continuously
/lar-15	11:18:00	0		Hours of Operation 2 Mar 2015 10:50-11:24 AM	Datalogger operated continuously
/lar-15	11:20:00	0		Hours of Operation 2 Mar 2015 10:50-11:24 AM	Datalogger operated continuously
/lar-15	11:22:00	0.07		Hours of Operation 2 Mar 2015 10:50-11:24 AM	Datalogger operated continuously
/lar-15	11:24:00	0.12		Hours of Operation 2 Mar 2015 10:50-11:24 AM	Datalogger operated continuously
/lar-15	9:06:00	3.8		Hours of Operation 3 Mar 2015 9:07-9:38 AM	Datalogger operated continuously
/lar-15	9:08:00	3.81		Hours of Operation 3 Mar 2015 9:07-9:38 AM	Datalogger operated continuously
/lar-15	9:10:00	3.81		Hours of Operation 3 Mar 2015 9:07-9:38 AM	Datalogger operated continuously
/lar-15	9:12:00	3.81		Hours of Operation 3 Mar 2015 9:07-9:38 AM	Datalogger operated continuously
/lar-15	9:14:00	3.81		Hours of Operation 3 Mar 2015 9:07-9:38 AM	Datalogger operated continuously
/lar-15	9:16:00	3.81		Hours of Operation 3 Mar 2015 9:07-9:38 AM	Datalogger operated continuously
	lar-15	flar-15 10:50:00 flar-15 10:52:00 flar-15 10:54:00 flar-15 10:56:00 flar-15 10:58:00 flar-15 11:02:00 flar-15 11:04:00 flar-15 11:08:00 flar-15 11:10:00 flar-15 11:12:00 flar-15 11:16:00 flar-15 11:18:00 flar-15 11:22:00 flar-15 11:22:00 flar-15 9:06:00 flar-15 9:08:00 flar-15 9:10:00 flar-15 9:12:00 flar-15 9:12:00 flar-15 9:12:00 flar-15 9:14:00	inches lar-15	inches U=unavailable lar-15	Inches I

3-Mar-15	9:18:00	3.71	Hours of Operation 3 Mar 2015 9:07-9:38 AM	Datalogger operated continuously
3-Mar-15	9:20:00	3.56	Hours of Operation 3 Mar 2015 9:07-9:38 AM	Datalogger operated continuously
3-Mar-15	9:22:00	3.58	Hours of Operation 3 Mar 2015 9:07-9:38 AM	Datalogger operated continuously
3-Mar-15	9:24:00	3.9	Hours of Operation 3 Mar 2015 9:07-9:38 AM	Datalogger operated continuously
3-Mar-15	9:26:00	4.07	Hours of Operation 3 Mar 2015 9:07-9:38 AM	Datalogger operated continuously
3-Mar-15	9:28:00	3.92	Hours of Operation 3 Mar 2015 9:07-9:38 AM	Datalogger operated continuously
3-Mar-15	9:30:00	3.81	Hours of Operation 3 Mar 2015 9:07-9:38 AM	Datalogger operated continuously
3-Mar-15	9:32:00	2.56	Hours of Operation 3 Mar 2015 9:07-9:38 AM	Datalogger operated continuously
3-Mar-15	9:34:00	0.1	Hours of Operation 3 Mar 2015 9:07-9:38 AM	Datalogger operated continuously
3-Mar-15	9:36:00	0.1	Hours of Operation 3 Mar 2015 9:07-9:38 AM	Datalogger operated continuously
3-Mar-15	9:38:00	0.1	Hours of Operation 3 Mar 2015 9:07-9:38 AM	Datalogger operated continuously
4-Mar-15	9:22:00	4.55	Hours of Operation 4 Mar 2015 9:23-9:59 AM	Datalogger operated continuously
4-Mar-15	9:24:00	3.93	Hours of Operation 4 Mar 2015 9:23-9:59 AM	Datalogger operated continuously
4-Mar-15	9:26:00	3.66	Hours of Operation 4 Mar 2015 9:23-9:59 AM	Datalogger operated continuously
4-Mar-15	9:28:00	3.52	Hours of Operation 4 Mar 2015 9:23-9:59 AM	Datalogger operated continuously
4-Mar-15	9:30:00	3.63	Hours of Operation 4 Mar 2015 9:23-9:59 AM	Datalogger operated continuously
4-Mar-15	9:32:00	4.08	Hours of Operation 4 Mar 2015 9:23-9:59 AM	Datalogger operated continuously
4-Mar-15	9:34:00	4.07	Hours of Operation 4 Mar 2015 9:23-9:59 AM	Datalogger operated continuously
4-Mar-15	9:36:00	3.82	Hours of Operation 4 Mar 2015 9:23-9:59 AM	Datalogger operated continuously
4-Mar-15	9:38:00	4.67	Hours of Operation 4 Mar 2015 9:23-9:59 AM	Datalogger operated continuously
4-Mar-15	9:40:00	5.08	Hours of Operation 4 Mar 2015 9:23-9:59 AM	Datalogger operated continuously
4-Mar-15	9:42:00	5.25	Hours of Operation 4 Mar 2015 9:23-9:59 AM	Datalogger operated continuously
4-Mar-15	9:44:00	4.9	Hours of Operation 4 Mar 2015 9:23-9:59 AM	Datalogger operated continuously
4-Mar-15	9:46:00	3.86	Hours of Operation 4 Mar 2015 9:23-9:59 AM	Datalogger operated continuously
4-Mar-15	9:48:00	3.9	Hours of Operation 4 Mar 2015 9:23-9:59 AM	Datalogger operated continuously
4-Mar-15	9:50:00	1.93	Hours of Operation 4 Mar 2015 9:23-9:59 AM	Datalogger operated continuously
4-Mar-15	9:52:00	0	Hours of Operation 4 Mar 2015 9:23-9:59 AM	Datalogger operated continuously
4-Mar-15	9:54:00	0	Hours of Operation 4 Mar 2015 9:23-9:59 AM	Datalogger operated continuously
4-Mar-15	9:56:00	0	Hours of Operation 4 Mar 2015 9:23-9:59 AM	Datalogger operated continuously
4-Mar-15	9:58:00	0.05	Hours of Operation 4 Mar 2015 9:23-9:59 AM	Datalogger operated continuously
4-Mar-15	10:00:00	0.13	Hours of Operation 4 Mar 2015 9:23-9:59 AM	Datalogger operated continuously
5-Mar-15	11:04:00	3.3	Hours of Operation 5 Mar 2015 11:05-11:48 AM	Datalogger operated continuously
5-Mar-15	11:06:00	3.3	Hours of Operation 5 Mar 2015 11:05-11:48 AM	Datalogger operated continuously
5-Mar-15	11:08:00	3.3	Hours of Operation 5 Mar 2015 11:05-11:48 AM	Datalogger operated continuously

5-Mar-15	11:10:00	3.3	Hours of Operation 5 Mar 2015 11:05-11:48 AM	Datalogger operated continuously
5-Mar-15	11:12:00	3.46	Hours of Operation 5 Mar 2015 11:05-11:48 AM	Datalogger operated continuously
5-Mar-15	11:14:00	3.9	Hours of Operation 5 Mar 2015 11:05-11:48 AM	Datalogger operated continuously
5-Mar-15	11:16:00	4.22	Hours of Operation 5 Mar 2015 11:05-11:48 AM	Datalogger operated continuously
5-Mar-15	11:18:00	4.51	Hours of Operation 5 Mar 2015 11:05-11:48 AM	Datalogger operated continuously
5-Mar-15	11:20:00	4.42	Hours of Operation 5 Mar 2015 11:05-11:48 AM	Datalogger operated continuously
5-Mar-15	11:22:00	4.1	Hours of Operation 5 Mar 2015 11:05-11:48 AM	Datalogger operated continuously
5-Mar-15	11:24:00	4.21	Hours of Operation 5 Mar 2015 11:05-11:48 AM	Datalogger operated continuously
5-Mar-15	11:26:00	4.22	Hours of Operation 5 Mar 2015 11:05-11:48 AM	Datalogger operated continuously
5-Mar-15	11:28:00	3.82	Hours of Operation 5 Mar 2015 11:05-11:48 AM	Datalogger operated continuously
5-Mar-15	11:30:00	3.57	Hours of Operation 5 Mar 2015 11:05-11:48 AM	Datalogger operated continuously
5-Mar-15	11:32:00	3.67	Hours of Operation 5 Mar 2015 11:05-11:48 AM	Datalogger operated continuously
5-Mar-15	11:34:00	4.03	Hours of Operation 5 Mar 2015 11:05-11:48 AM	Datalogger operated continuously
5-Mar-15	11:36:00	3.89	Hours of Operation 5 Mar 2015 11:05-11:48 AM	Datalogger operated continuously
5-Mar-15	11:38:00	4.1	Hours of Operation 5 Mar 2015 11:05-11:48 AM	Datalogger operated continuously
5-Mar-15	11:40:00	4.33	Hours of Operation 5 Mar 2015 11:05-11:48 AM	Datalogger operated continuously
5-Mar-15	11:42:00	4.3	Hours of Operation 5 Mar 2015 11:05-11:48 AM	Datalogger operated continuously
5-Mar-15	11:44:00	3.71	Hours of Operation 5 Mar 2015 11:05-11:48 AM	Datalogger operated continuously
5-Mar-15	11:46:00	0	Hours of Operation 5 Mar 2015 11:05-11:48 AM	Datalogger operated continuously
5-Mar-15	11:48:00	0	Hours of Operation 5 Mar 2015 11:05-11:48 AM	Datalogger operated continuously
6-Mar-15	9:36:00	4.52	Hours of Operat ion 6 Mar 2015 9:37-9:56 AM	Datalogger operated continuously
6-Mar-15	9:38:00	4.75	Hours of Operat ion 6 Mar 2015 9:37-9:56 AM	Datalogger operated continuously
6-Mar-15	9:40:00	5	Hours of Operat ion 6 Mar 2015 9:37-9:56 AM	Datalogger operated continuously
6-Mar-15	9:42:00	5.16	Hours of Operat ion 6 Mar 2015 9:37-9:56 AM	Datalogger operated continuously
6-Mar-15	9:44:00	4.97	Hours of Operat ion 6 Mar 2015 9:37-9:56 AM	Datalogger operated continuously
6-Mar-15	9:46:00	4.86	Hours of Operat ion 6 Mar 2015 9:37-9:56 AM	Datalogger operated continuously
6-Mar-15	9:48:00	0.88	Hours of Operat ion 6 Mar 2015 9:37-9:56 AM	Datalogger operated continuously
6-Mar-15	9:48:00	0.88	Hours of Operat ion 6 Mar 2015 9:37-9:56 AM	Datalogger operated continuously
6-Mar-15	9:50:00	0	Hours of Operat ion 6 Mar 2015 9:37-9:56 AM	Datalogger operated continuously
6-Mar-15	9:52:00	0	Hours of Operat ion 6 Mar 2015 9:37-9:56 AM	Datalogger operated continuously
6-Mar-15	9:54:00	0	Hours of Operat ion 6 Mar 2015 9:37-9:56 AM	Datalogger operated continuously
6-Mar-15	9:56:00	0.18	Hours of Operat ion 6 Mar 2015 9:37-9:56 AM	Datalogger operated continuously
6-Mar-15	12:56:00	3.56	Hours of Operation 6 Mar 2015 12:56-1:36 PM	Datalogger operated continuously
6-Mar-15	12:58:00	3.31	Hours of Operation 6 Mar 2015 12:56-1:36 PM	Datalogger operated continuously

6-Mar-15	13:00:00	3.45	Hours of Operation 6 Mar 2015 12:56-1:36 PM	Datalogger operated continuously
6-Mar-15	13:02:00	3.69	Hours of Operation 6 Mar 2015 12:56-1:36 PM	Datalogger operated continuously
6-Mar-15	13:04:00	3.82	Hours of Operation 6 Mar 2015 12:56-1:36 PM	Datalogger operated continuously
6-Mar-15	13:06:00	3.82	Hours of Operation 6 Mar 2015 12:56-1:36 PM	Datalogger operated continuously
6-Mar-15	13:08:00	4.07	Hours of Operation 6 Mar 2015 12:56-1:36 PM	Datalogger operated continuously
6-Mar-15	13:10:00	4.08	Hours of Operation 6 Mar 2015 12:56-1:36 PM	Datalogger operated continuously
6-Mar-15	13:12:00	4.08	Hours of Operation 6 Mar 2015 12:56-1:36 PM	Datalogger operated continuously
6-Mar-15	13:14:00	4.08	Hours of Operation 6 Mar 2015 12:56-1:36 PM	Datalogger operated continuously
6-Mar-15	13:16:00	4.08	Hours of Operation 6 Mar 2015 12:56-1:36 PM	Datalogger operated continuously
6-Mar-15	13:18:00	3.74	Hours of Operation 6 Mar 2015 12:56-1:36 PM	Datalogger operated continuously
6-Mar-15	13:20:00	3.57	Hours of Operation 6 Mar 2015 12:56-1:36 PM	Datalogger operated continuously
6-Mar-15	13:22:00	3.57	Hours of Operation 6 Mar 2015 12:56-1:36 PM	Datalogger operated continuously
6-Mar-15	13:24:00	3.42	Hours of Operation 6 Mar 2015 12:56-1:36 PM	Datalogger operated continuously
6-Mar-15	13:26:00	3.31	Hours of Operation 6 Mar 2015 12:56-1:36 PM	Datalogger operated continuously
6-Mar-15	13:28:00	3.31	Hours of Operation 6 Mar 2015 12:56-1:36 PM	Datalogger operated continuously
6-Mar-15	13:30:00	3.31	Hours of Operation 6 Mar 2015 12:56-1:36 PM	Datalogger operated continuously
6-Mar-15	13:32:00	3.31	Hours of Operation 6 Mar 2015 12:56-1:36 PM	Datalogger operated continuously
6-Mar-15	13:34:00	3.31	Hours of Operation 6 Mar 2015 12:56-1:36 PM	Datalogger operated continuously
6-Mar-15	13:36:00	3.31	Hours of Operation 6 Mar 2015 12:56-1:36 PM	Datalogger operated continuously
9-Mar-15	12:00:00	2.23	Hours of Operation 9 Mar 2015 12:01-12:45 PM	Datalogger operated continuously
9-Mar-15	12:02:00	2.7	Hours of Operation 9 Mar 2015 12:01-12:45 PM	Datalogger operated continuously
9-Mar-15	12:04:00	2.91	Hours of Operation 9 Mar 2015 12:01-12:45 PM	Datalogger operated continuously
9-Mar-15	12:06:00	3.16	Hours of Operation 9 Mar 2015 12:01-12:45 PM	Datalogger operated continuously
9-Mar-15	12:08:00	3.18	Hours of Operation 9 Mar 2015 12:01-12:45 PM	Datalogger operated continuously
9-Mar-15	12:10:00	3.44	Hours of Operation 9 Mar 2015 12:01-12:45 PM	Datalogger operated continuously
9-Mar-15	12:12:00	3.59	Hours of Operation 9 Mar 2015 12:01-12:45 PM	Datalogger operated continuously
9-Mar-15	12:14:00	3.59	Hours of Operation 9 Mar 2015 12:01-12:45 PM	Datalogger operated continuously
9-Mar-15	12:16:00	3.19	Hours of Operation 9 Mar 2015 12:01-12:45 PM	Datalogger operated continuously
9-Mar-15	12:18:00	2.97	Hours of Operation 9 Mar 2015 12:01-12:45 PM	Datalogger operated continuously
9-Mar-15	12:20:00	2.92	Hours of Operation 9 Mar 2015 12:01-12:45 PM	Datalogger operated continuously
9-Mar-15	12:22:00	2.92	Hours of Operation 9 Mar 2015 12:01-12:45 PM	Datalogger operated continuously
9-Mar-15	12:24:00	2.8	Hours of Operation 9 Mar 2015 12:01-12:45 PM	Datalogger operated continuously
9-Mar-15	12:26:00	2.67	Hours of Operation 9 Mar 2015 12:01-12:45 PM	Datalogger operated continuously
9-Mar-15	12:28:00	2.67	Hours of Operation 9 Mar 2015 12:01-12:45 PM	Datalogger operated continuously

9-Mar-15	12:30:00	2.67	Hours of Operation 9 Mar 2015 12:01-12:45 PM	Datalogger operated continuously
9-Mar-15	12:32:00	2.67	Hours of Operation 9 Mar 2015 12:01-12:45 PM	Datalogger operated continuously
9-Mar-15	12:34:00	2.67	Hours of Operation 9 Mar 2015 12:01-12:45 PM	Datalogger operated continuously
9-Mar-15	12:36:00	1.75	Hours of Operation 9 Mar 2015 12:01-12:45 PM	Datalogger operated continuously
9-Mar-15	12:38:00	0	Hours of Operation 9 Mar 2015 12:01-12:45 PM	Datalogger operated continuously
9-Mar-15	12:40:00	0	Hours of Operation 9 Mar 2015 12:01-12:45 PM	Datalogger operated continuously
9-Mar-15	12:42:00	0	Hours of Operation 9 Mar 2015 12:01-12:45 PM	Datalogger operated continuously
9-Mar-15	12:44:00	0	Hours of Operation 9 Mar 2015 12:01-12:45 PM	Datalogger operated continuously
9-Mar-15	12:46:00	0	Hours of Operation 9 Mar 2015 12:01-12:45 PM	Datalogger operated continuously
10-Mar-15	9:16:00	3.14	Hours of Operation 10 Mar 2015 9:16-9:50 AM	Datalogger operated continuously
10-Mar-15	9:18:00	3.31	Hours of Operation 10 Mar 2015 9:16-9:50 AM	Datalogger operated continuously
10-Mar-15	9:20:00	3.31	Hours of Operation 10 Mar 2015 9:16-9:50 AM	Datalogger operated continuously
10-Mar-15	9:22:00	3.2	Hours of Operation 10 Mar 2015 9:16-9:50 AM	Datalogger operated continuously
10-Mar-15	9:24:00	3.06	Hours of Operation 10 Mar 2015 9:16-9:50 AM	Datalogger operated continuously
10-Mar-15	9:26:00	3.06	Hours of Operation 10 Mar 2015 9:16-9:50 AM	Datalogger operated continuously
10-Mar-15	9:28:00	3.06	Hours of Operation 10 Mar 2015 9:16-9:50 AM	Datalogger operated continuously
10-Mar-15	9:30:00	3.33	Hours of Operation 10 Mar 2015 9:16-9:50 AM	Datalogger operated continuously
10-Mar-15	9:32:00	3.42	Hours of Operation 10 Mar 2015 9:16-9:50 AM	Datalogger operated continuously
10-Mar-15	9:34:00	3.46	Hours of Operation 10 Mar 2015 9:16-9:50 AM	Datalogger operated continuously
10-Mar-15	9:36:00	3.68	Hours of Operation 10 Mar 2015 9:16-9:50 AM	Datalogger operated continuously
10-Mar-15	9:38:00	3.71	Hours of Operation 10 Mar 2015 9:16-9:50 AM	Datalogger operated continuously
10-Mar-15	9:40:00	3.93	Hours of Operation 10 Mar 2015 9:16-9:50 AM	Datalogger operated continuously
10-Mar-15	9:42:00	2.11	Hours of Operation 10 Mar 2015 9:16-9:50 AM	Datalogger operated continuously
10-Mar-15	9:44:00	0	Hours of Operation 10 Mar 2015 9:16-9:50 AM	Datalogger operated continuously
10-Mar-15	9:46:00	0.21	Hours of Operation 10 Mar 2015 9:16-9:50 AM	Datalogger operated continuously
10-Mar-15	9:48:00	0.47	Hours of Operation 10 Mar 2015 9:16-9:50 AM	Datalogger operated continuously
10-Mar-15	9:50:00	0.67	Hours of Operation 10 Mar 2015 9:16-9:50 AM	Datalogger operated continuously
10-Mar-15	12:50:00	2.91	Hours of operation 10 Mar 2015 12:50-1:31 PM	Datalogger operated continuously
10-Mar-15	12:52:00	3	Hours of operation 10 Mar 2015 12:50-1:31 PM	Datalogger operated continuously
10-Mar-15	12:54:00	3	Hours of operation 10 Mar 2015 12:50-1:31 PM	Datalogger operated continuously
10-Mar-15	12:56:00	3.1	Hours of operation 10 Mar 2015 12:50-1:31 PM	Datalogger operated continuously
10-Mar-15	12:58:00	3.25	Hours of operation 10 Mar 2015 12:50-1:31 PM	Datalogger operated continuously
10-Mar-15	13:00:00	3.2	Hours of operation 10 Mar 2015 12:50-1:31 PM	Datalogger operated continuously
10-Mar-15	13:02:00	3.13	Hours of operation 10 Mar 2015 12:50-1:31 PM	Datalogger operated continuously

10-Mar-15	13:04:00	3.26	Hours of operation 10 Mar 2015 12:50-1:31 PM	Datalogger operated continuously
10-Mar-15	13:06:00	3.26	Hours of operation 10 Mar 2015 12:50-1:31 PM	Datalogger operated continuously
10-Mar-15	13:08:00	3.26	Hours of operation 10 Mar 2015 12:50-1:31 PM	Datalogger operated continuously
10-Mar-15	13:10:00	3.12	Hours of operation 10 Mar 2015 12:50-1:31 PM	Datalogger operated continuously
10-Mar-15	13:12:00	2.86	Hours of operation 10 Mar 2015 12:50-1:31 PM	Datalogger operated continuously
10-Mar-15	13:14:00	2.76	Hours of operation 10 Mar 2015 12:50-1:31 PM	Datalogger operated continuously
10-Mar-15	13:16:00	2.76	Hours of operation 10 Mar 2015 12:50-1:31 PM	Datalogger operated continuously
10-Mar-15	13:18:00	2.76	Hours of operation 10 Mar 2015 12:50-1:31 PM	Datalogger operated continuously
10-Mar-15	13:20:00	2.76	Hours of operation 10 Mar 2015 12:50-1:31 PM	Datalogger operated continuously
10-Mar-15	13:22:00	1.46	Hours of operation 10 Mar 2015 12:50-1:31 PM	Datalogger operated continuously
10-Mar-15	13:24:00	0	Hours of operation 10 Mar 2015 12:50-1:31 PM	Datalogger operated continuously
10-Mar-15	13:26:00	0	Hours of operation 10 Mar 2015 12:50-1:31 PM	Datalogger operated continuously
10-Mar-15	13:28:00	0	Hours of operation 10 Mar 2015 12:50-1:31 PM	Datalogger operated continuously
10-Mar-15	13:30:00	0	Hours of operation 10 Mar 2015 12:50-1:31 PM	Datalogger operated continuously
10-Mar-15	13:32:00	0	Hours of operation 10 Mar 2015 12:50-1:31 PM	Datalogger operated continuously
11-Mar-15	9:00:00	3.32	Hours of operation 11 Mar 2015 9:00-9:32 AM	Datalogger operated continuously
11-Mar-15	9:02:00	3.32	Hours of operation 11 Mar 2015 9:00-9:32 AM	Datalogger operated continuously
11-Mar-15	9:04:00	3.32	Hours of operation 11 Mar 2015 9:00-9:32 AM	Datalogger operated continuously
11-Mar-15	9:06:00	3.55	Hours of operation 11 Mar 2015 9:00-9:32 AM	Datalogger operated continuously
11-Mar-15	9:08:00	3.58	Hours of operation 11 Mar 2015 9:00-9:32 AM	Datalogger operated continuously
11-Mar-15	9:10:00	3.58	Hours of operation 11 Mar 2015 9:00-9:32 AM	Datalogger operated continuously
11-Mar-15	9:12:00	3.58	Hours of operation 11 Mar 2015 9:00-9:32 AM	Datalogger operated continuously
11-Mar-15	9:14:00	3.58	Hours of operation 11 Mar 2015 9:00-9:32 AM	Datalogger operated continuously
11-Mar-15	9:16:00	3.42	Hours of operation 11 Mar 2015 9:00-9:32 AM	Datalogger operated continuously
11-Mar-15	9:18:00	3.29	Hours of operation 11 Mar 2015 9:00-9:32 AM	Datalogger operated continuously
11-Mar-15	9:20:00	3.28	Hours of operation 11 Mar 2015 9:00-9:32 AM	Datalogger operated continuously
11-Mar-15	9:22:00	2.95	Hours of operation 11 Mar 2015 9:00-9:32 AM	Datalogger operated continuously
11-Mar-15	9:24:00	0	Hours of operation 11 Mar 2015 9:00-9:32 AM	Datalogger operated continuously
11-Mar-15	9:26:00	0	Hours of operation 11 Mar 2015 9:00-9:32 AM	Datalogger operated continuously
11-Mar-15	9:28:00	0	Hours of operation 11 Mar 2015 9:00-9:32 AM	Datalogger operated continuously
11-Mar-15	9:30:00	0	Hours of operation 11 Mar 2015 9:00-9:32 AM	Datalogger operated continuously
11-Mar-15	9:32:00	0.06	Hours of operation 11 Mar 2015 9:00-9:32 AM	Datalogger operated continuously
11-Mar-15	12:40:00	3.16	Hours of operation 11 Mar 2015 12:41-1:12 PM	Datalogger operated continuously
11-Mar-15	12:42:00	3.16	Hours of operation 11 Mar 2015 12:41-1:12 PM	Datalogger operated continuously

11-Mar-15	12:44:00	2.93	Hours of operation 11 Mar 2015 12:41-1:12 PM	Datalogger operated continuously
11-Mar-15	12:46:00	2.78	Hours of operation 11 Mar 2015 12:41-1:12 PM	Datalogger operated continuously
11-Mar-15	12:48:00	2.66	Hours of operation 11 Mar 2015 12:41-1:12 PM	Datalogger operated continuously
11-Mar-15	12:50:00	2.7	Hours of operation 11 Mar 2015 12:41-1:12 PM	Datalogger operated continuously
11-Mar-15	12:52:00	2.91	Hours of operation 11 Mar 2015 12:41-1:12 PM	Datalogger operated continuously
11-Mar-15	12:54:00	2.91	Hours of operation 11 Mar 2015 12:41-1:12 PM	Datalogger operated continuously
11-Mar-15	12:56:00	2.91	Hours of operation 11 Mar 2015 12:41-1:12 PM	Datalogger operated continuously
11-Mar-15	12:58:00	3.15	Hours of operation 11 Mar 2015 12:41-1:12 PM	Datalogger operated continuously
11-Mar-15	13:00:00	2.91	Hours of operation 11 Mar 2015 12:41-1:12 PM	Datalogger operated continuously
11-Mar-15	13:02:00	2.5	Hours of operation 11 Mar 2015 12:41-1:12 PM	Datalogger operated continuously
11-Mar-15	13:04:00	0	Hours of operation 11 Mar 2015 12:41-1:12 PM	Datalogger operated continuously
11-Mar-15	13:06:00	0	Hours of operation 11 Mar 2015 12:41-1:12 PM	Datalogger operated continuously
11-Mar-15	13:08:00	0	Hours of operation 11 Mar 2015 12:41-1:12 PM	Datalogger operated continuously
11-Mar-15	13:10:00	0.09	Hours of operation 11 Mar 2015 12:41-1:12 PM	Datalogger operated continuously
11-Mar-15	13:12:00	0.13	Hours of operation 11 Mar 2015 12:41-1:12 PM	Datalogger operated continuously
12-Mar-15	12:14:00	4.72	Hours of operation 12 Mar 2015 12:14-1:04 PM	Datalogger operated continuously
12-Mar-15	12:16:00	4.86	Hours of operation 12 Mar 2015 12:14-1:04 PM	Datalogger operated continuously
12-Mar-15	12:18:00	4.96	Hours of operation 12 Mar 2015 12:14-1:04 PM	Datalogger operated continuously
12-Mar-15	12:20:00	4.56	Hours of operation 12 Mar 2015 12:14-1:04 PM	Datalogger operated continuously
12-Mar-15	12:22:00	4.01	Hours of operation 12 Mar 2015 12:14-1:04 PM	Datalogger operated continuously
12-Mar-15	12:24:00	3.93	Hours of operation 12 Mar 2015 12:14-1:04 PM	Datalogger operated continuously
12-Mar-15	12:26:00	3.93	Hours of operation 12 Mar 2015 12:14-1:04 PM	Datalogger operated continuously
12-Mar-15	12:28:00	3.75	Hours of operation 12 Mar 2015 12:14-1:04 PM	Datalogger operated continuously
12-Mar-15	12:30:00	3.68	Hours of operation 12 Mar 2015 12:14-1:04 PM	Datalogger operated continuously
12-Mar-15	12:32:00	3.68	Hours of operation 12 Mar 2015 12:14-1:04 PM	Datalogger operated continuously
12-Mar-15	12:34:00	3.59	Hours of operation 12 Mar 2015 12:14-1:04 PM	Datalogger operated continuously
12-Mar-15	12:36:00	3.36	Hours of operation 12 Mar 2015 12:14-1:04 PM	Datalogger operated continuously
12-Mar-15	12:38:00	3.18	Hours of operation 12 Mar 2015 12:14-1:04 PM	Datalogger operated continuously
12-Mar-15	12:40:00	3.44	Hours of operation 12 Mar 2015 12:14-1:04 PM	Datalogger operated continuously
12-Mar-15	12:42:00	3.29	Hours of operation 12 Mar 2015 12:14-1:04 PM	Datalogger operated continuously
12-Mar-15	12:44:00	3.19	Hours of operation 12 Mar 2015 12:14-1:04 PM	Datalogger operated continuously
12-Mar-15	12:46:00	3.41	Hours of operation 12 Mar 2015 12:14-1:04 PM	Datalogger operated continuously
12-Mar-15	12:48:00	3.2	Hours of operation 12 Mar 2015 12:14-1:04 PM	Datalogger operated continuously
12-Mar-15	12:50:00	3.07	Hours of operation 12 Mar 2015 12:14-1:04 PM	Datalogger operated continuously

12-Mar-15	12:52:00	3.17	Hours of operation 12 Mar 2015 12:14-1:04 PM	Datalogger operated continuously
12-Mar-15	12:54:00	3.4	Hours of operation 12 Mar 2015 12:14-1:04 PM	Datalogger operated continuously
12-Mar-15	12:54:00	0.38	Hours of operation 12 Mar 2015 12:14-1:04 PM	Datalogger operated continuously
12-Mar-15	12:58:00	0.38	Hours of operation 12 Mar 2015 12:14-1:04 PM	Datalogger operated continuously
12-Mar-15	13:00:00	0	Hours of operation 12 Mar 2015 12:14-1:04 PM	Datalogger operated continuously
12-Mar-15	13:00:00		·	,
12-Mar-15	13:02:00	0 0	Hours of operation 12 Mar 2015 12:14-1:04 PM	Datalogger operated continuously
12-10101-12	13:04:00	U	Hours of operation 12 Mar 2015 12:14-1:04 PM	Datalogger operated continuously
				Leased phoneline communication failure
				to remote terminal unit. See backup
22.14.45	40.20.00			chart & operator's manual entry in
23-Mar-15	10:20:00	U	Hours of operation 23 Mar 2015 10:24-10:59 AM	
				Leased phoneline communication failure
				to remote terminal unit. See backup
				chart & operator's manual entry in
23-Mar-15		U	Hours of operation 23 Mar 2015 1:09-1:38 PM	Attachment A607.E.
24-Mar-15	9:52:00	3.79	Hours of operation 24 Mar 2015 9:52-10:26 AM	Datalogger operated continuously
24-Mar-15	9:54:00	3.79	Hours of operation 24 Mar 2015 9:52-10:26 AM	Datalogger operated continuously
24-Mar-15	9:56:00	3.79	Hours of operation 24 Mar 2015 9:52-10:26 AM	Datalogger operated continuously
24-Mar-15	9:58:00	3.79	Hours of operation 24 Mar 2015 9:52-10:26 AM	Datalogger operated continuously
24-Mar-15	10:00:00	3.77	Hours of operation 24 Mar 2015 9:52-10:26 AM	Datalogger operated continuously
24-Mar-15	10:02:00	3.54	Hours of operation 24 Mar 2015 9:52-10:26 AM	Datalogger operated continuously
24-Mar-15	10:04:00	3.54	Hours of operation 24 Mar 2015 9:52-10:26 AM	Datalogger operated continuously
24-Mar-15	10:06:00	3.8	Hours of operation 24 Mar 2015 9:52-10:26 AM	Datalogger operated continuously
24-Mar-15	10:08:00	3.8	Hours of operation 24 Mar 2015 9:52-10:26 AM	Datalogger operated continuously
24-Mar-15	10:10:00	3.99	Hours of operation 24 Mar 2015 9:52-10:26 AM	Datalogger operated continuously
24-Mar-15	10:12:00	4.06	Hours of operation 24 Mar 2015 9:52-10:26 AM	Datalogger operated continuously
24-Mar-15	10:14:00	3.8	Hours of operation 24 Mar 2015 9:52-10:26 AM	Datalogger operated continuously
24-Mar-15	10:16:00	3.5	Hours of operation 24 Mar 2015 9:52-10:26 AM	Datalogger operated continuously
24-Mar-15	10:18:00	3.24	Hours of operation 24 Mar 2015 9:52-10:26 AM	Datalogger operated continuously
24-Mar-15	10:20:00	3.24	Hours of operation 24 Mar 2015 9:52-10:26 AM	Datalogger operated continuously
24-Mar-15	10:22:00	3.24	Hours of operation 24 Mar 2015 9:52-10:26 AM	Datalogger operated continuously
24-Mar-15	10:24:00	3.24	Hours of operation 24 Mar 2015 9:52-10:26 AM	Datalogger operated continuously
24-Mar-15	10:26:00	2.77	Hours of operation 24 Mar 2015 9:52-10:26 AM	Datalogger operated continuously
24-Mar-15	12:58:00	3.29	Hours of operation 24 Mar 2015 12:59-1:25 PM	Datalogger operated continuously

24-Mar-15	13:00:00	3.08	Hours of operation 24 Mar 2015 12:59-1:25 PM	Datalogger operated continuously
24-Mar-15	13:02:00	2.88	Hours of operation 24 Mar 2015 12:59-1:25 PM	Datalogger operated continuously
24-Mar-15	13:04:00	2.89	Hours of operation 24 Mar 2015 12:59-1:25 PM	Datalogger operated continuously
24-Mar-15	13:06:00	2.87	Hours of operation 24 Mar 2015 12:59-1:25 PM	Datalogger operated continuously
24-Mar-15	13:08:00	3.02	Hours of operation 24 Mar 2015 12:59-1:25 PM	Datalogger operated continuously
24-Mar-15	13:10:00	2.74	Hours of operation 24 Mar 2015 12:59-1:25 PM	Datalogger operated continuously
24-Mar-15	13:12:00	2.9	Hours of operation 24 Mar 2015 12:59-1:25 PM	Datalogger operated continuously
24-Mar-15	13:14:00	2.99	Hours of operation 24 Mar 2015 12:59-1:25 PM	Datalogger operated continuously
24-Mar-15	13:16:00	2.99	Hours of operation 24 Mar 2015 12:59-1:25 PM	Datalogger operated continuously
24-Mar-15	13:18:00	2.99	Hours of operation 24 Mar 2015 12:59-1:25 PM	Datalogger operated continuously
24-Mar-15	13:20:00	2.01	Hours of operation 24 Mar 2015 12:59-1:25 PM	Datalogger operated continuously
24-Mar-15	13:22:00	0	Hours of operation 24 Mar 2015 12:59-1:25 PM	Datalogger operated continuously
24-Mar-15	13:24:00	0	Hours of operation 24 Mar 2015 12:59-1:25 PM	Datalogger operated continuously
24-Mar-15	13:26:00	0	Hours of operation 24 Mar 2015 12:59-1:25 PM	Datalogger operated continuously
26-Mar-15	9:12:00	3.59	Hours of operation 26 Mar 2015 9:12-9:45 AM	Datalogger operated continuously
26-Mar-15	9:14:00	3.79	Hours of operation 26 Mar 2015 9:12-9:45 AM	Datalogger operated continuously
26-Mar-15	9:16:00	3.79	Hours of operation 26 Mar 2015 9:12-9:45 AM	Datalogger operated continuously
26-Mar-15	9:18:00	3.79	Hours of operation 26 Mar 2015 9:12-9:45 AM	Datalogger operated continuously
26-Mar-15	9:20:00	3.79	Hours of operation 26 Mar 2015 9:12-9:45 AM	Datalogger operated continuously
26-Mar-15	9:22:00	3.75	Hours of operation 26 Mar 2015 9:12-9:45 AM	Datalogger operated continuously
26-Mar-15	9:24:00	3.52	Hours of operation 26 Mar 2015 9:12-9:45 AM	Datalogger operated continuously
26-Mar-15	9:26:00	3.52	Hours of operation 26 Mar 2015 9:12-9:45 AM	Datalogger operated continuously
26-Mar-15	9:28:00	3.52	Hours of operation 26 Mar 2015 9:12-9:45 AM	Datalogger operated continuously
26-Mar-15	9:30:00	3.52	Hours of operation 26 Mar 2015 9:12-9:45 AM	Datalogger operated continuously
26-Mar-15	9:32:00	3.52	Hours of operation 26 Mar 2015 9:12-9:45 AM	Datalogger operated continuously
26-Mar-15	9:34:00	3.52	Hours of operation 26 Mar 2015 9:12-9:45 AM	Datalogger operated continuously
26-Mar-15	9:36:00	3.69	Hours of operation 26 Mar 2015 9:12-9:45 AM	Datalogger operated continuously
26-Mar-15	9:38:00	3.77	Hours of operation 26 Mar 2015 9:12-9:45 AM	Datalogger operated continuously
26-Mar-15	9:40:00	3.76	Hours of operation 26 Mar 2015 9:12-9:45 AM	Datalogger operated continuously
26-Mar-15	9:42:00	3.52	Hours of operation 26 Mar 2015 9:12-9:45 AM	Datalogger operated continuously
26-Mar-15	9:44:00	2.11	Hours of operation 26 Mar 2015 9:12-9:45 AM	Datalogger operated continuously
26-Mar-15	9:46:00	0.06	Hours of operation 26 Mar 2015 9:12-9:45 AM	Datalogger operated continuously

				Leased phoneline communication failure to remote terminal unit. See backup
30-Mar-15	13:00:00	U	Hours of operation 30 Mar 2015 1:00-2:10 PM	chart & operator's manual entry in Attachment A607.E.
				Leased phoneline communication failure
				to remote terminal unit. See backup
				chart & operator's manual entry in
31-Mar-15	9:00:00	U	Hours of operation 31 Mar 2015 9:00-9:25 AM	Attachment A607.E.
31-Mar-15	12:38:00	3.82	Hours of operation 31 Mar 2015 12:39-1:25 PM	Datalogger operated continuously
31-Mar-15	12:40:00	3.1	Hours of operation 31 Mar 2015 12:39-1:25 PM	Datalogger operated continuously
31-Mar-15	12:42:00	2.56	Hours of operation 31 Mar 2015 12:39-1:25 PM	Datalogger operated continuously
31-Mar-15	12:44:00	2.3	Hours of operation 31 Mar 2015 12:39-1:25 PM	Datalogger operated continuously
31-Mar-15	12:46:00	2.15	Hours of operation 31 Mar 2015 12:39-1:25 PM	Datalogger operated continuously
31-Mar-15	12:48:00	1.94	Hours of operation 31 Mar 2015 12:39-1:25 PM	Datalogger operated continuously
31-Mar-15	12:50:00	2.08	Hours of operation 31 Mar 2015 12:39-1:25 PM	Datalogger operated continuously
31-Mar-15	12:52:00	2.19	Hours of operation 31 Mar 2015 12:39-1:25 PM	Datalogger operated continuously
31-Mar-15	12:54:00	2.19	Hours of operation 31 Mar 2015 12:39-1:25 PM	Datalogger operated continuously
31-Mar-15	12:56:00	2.19	Hours of operation 31 Mar 2015 12:39-1:25 PM	Datalogger operated continuously
31-Mar-15	12:58:00	2.19	Hours of operation 31 Mar 2015 12:39-1:25 PM	Datalogger operated continuously
31-Mar-15	13:00:00	2.19	Hours of operation 31 Mar 2015 12:39-1:25 PM	Datalogger operated continuously
31-Mar-15	13:02:00	2.36	Hours of operation 31 Mar 2015 12:39-1:25 PM	Datalogger operated continuously
31-Mar-15	13:04:00	2.7	Hours of operation 31 Mar 2015 12:39-1:25 PM	Datalogger operated continuously
31-Mar-15	13:06:00	2.71	Hours of operation 31 Mar 2015 12:39-1:25 PM	Datalogger operated continuously
31-Mar-15	13:08:00	2.81	Hours of operation 31 Mar 2015 12:39-1:25 PM	Datalogger operated continuously
31-Mar-15	13:10:00	2.96	Hours of operation 31 Mar 2015 12:39-1:25 PM	Datalogger operated continuously
31-Mar-15	13:12:00	3.18	Hours of operation 31 Mar 2015 12:39-1:25 PM	Datalogger operated continuously
31-Mar-15	13:14:00	3.21	Hours of operation 31 Mar 2015 12:39-1:25 PM	Datalogger operated continuously
31-Mar-15	13:16:00	3.21	Hours of operation 31 Mar 2015 12:39-1:25 PM	Datalogger operated continuously
31-Mar-15	13:18:00	3.3	Hours of operation 31 Mar 2015 12:39-1:25 PM	Datalogger operated continuously
31-Mar-15	13:20:00	3.47	Hours of operation 31 Mar 2015 12:39-1:25 PM	Datalogger operated continuously
31-Mar-15	13:22:00	3.47	Hours of operation 31 Mar 2015 12:39-1:25 PM	Datalogger operated continuously
31-Mar-15	13:24:00	3.47	Hours of operation 31 Mar 2015 12:39-1:25 PM	Datalogger operated continuously
31-Mar-15	13:26:00	0.81	Hours of operation 31 Mar 2015 12:39-1:25 PM	Datalogger operated continuously
LAEVSA\$				

LAEVSB\$ PRP 600233DIFFPRES

PRP - Profile Report Program -

1 Point Found

Acronym

Reporting on 1 point

 Start
 Time
 [0:00:00]
 :

 Stop
 Time
 [23:59:59]

Increment (xx[S/M/H/D 2M

Date	Time	DiffPress	Available Operator Log Time	Comment
		inches	=unavailable	
8-Apr-15	8:42:00	3.44	Hours of Operation 8 Apr 2015 8:43-9:30 AM	Datalogger operated continuously
8-Apr-15	8:44:00	3.44	Hours of Operation 8 Apr 2015 8:43-9:30 AM	Datalogger operated continuously
8-Apr-15	8:46:00	3.44	Hours of Operation 8 Apr 2015 8:43-9:30 AM	Datalogger operated continuously
8-Apr-15	8:48:00	3.6	Hours of Operation 8 Apr 2015 8:43-9:30 AM	Datalogger operated continuously
8-Apr-15	8:50:00	3.73	Hours of Operation 8 Apr 2015 8:43-9:30 AM	Datalogger operated continuously
8-Apr-15	8:52:00	3.73	Hours of Operation 8 Apr 2015 8:43-9:30 AM	Datalogger operated continuously
8-Apr-15	8:54:00	3.73	Hours of Operation 8 Apr 2015 8:43-9:30 AM	Datalogger operated continuously
8-Apr-15	8:56:00	3.73	Hours of Operation 8 Apr 2015 8:43-9:30 AM	Datalogger operated continuously
8-Apr-15	8:58:00	3.73	Hours of Operation 8 Apr 2015 8:43-9:30 AM	Datalogger operated continuously
8-Apr-15	9:00:00	3.48	Hours of Operation 8 Apr 2015 8:43-9:30 AM	Datalogger operated continuously
8-Apr-15	9:02:00	3.48	Hours of Operation 8 Apr 2015 8:43-9:30 AM	Datalogger operated continuously
8-Apr-15	9:04:00	3.48	Hours of Operation 8 Apr 2015 8:43-9:30 AM	Datalogger operated continuously
8-Apr-15	9:06:00	3.48	Hours of Operation 8 Apr 2015 8:43-9:30 AM	Datalogger operated continuously
8-Apr-15	9:08:00	3.27	Hours of Operation 8 Apr 2015 8:43-9:30 AM	Datalogger operated continuously
8-Apr-15	9:10:00	3.21	Hours of Operation 8 Apr 2015 8:43-9:30 AM	Datalogger operated continuously
8-Apr-15	9:12:00	3.43	Hours of Operation 8 Apr 2015 8:43-9:30 AM	Datalogger operated continuously
8-Apr-15	9:14:00	3.48	Hours of Operation 8 Apr 2015 8:43-9:30 AM	Datalogger operated continuously
8-Apr-15	9:16:00	3.48	Hours of Operation 8 Apr 2015 8:43-9:30 AM	Datalogger operated continuously
8-Apr-15	9:18:00	3.48	Hours of Operation 8 Apr 2015 8:43-9:30 AM	Datalogger operated continuously
8-Apr-15	9:20:00	3.33	Hours of Operation 8 Apr 2015 8:43-9:30 AM	Datalogger operated continuously
8-Apr-15	9:22:00	1.26	Hours of Operation 8 Apr 2015 8:43-9:30 AM	Datalogger operated continuously
8-Apr-15	9:24:00	0	Hours of Operation 8 Apr 2015 8:43-9:30 AM	Datalogger operated continuously
8-Apr-15	9:26:00	0	Hours of Operation 8 Apr 2015 8:43-9:30 AM	Datalogger operated continuously

8-Apr-15	9:28:00	0	Hours of Operation 8 Apr 2015 8:43-9:30 AM	Datalogger operated continuously
8-Apr-15	9:30:00	0	Hours of Operation 8 Apr 2015 8:43-9:30 AM	Datalogger operated continuously
8-Apr-15	12:30:00	3.42	Hours of Operation 8 Apr 2015 12:30-1:07 PM	Datalogger operated continuously
8-Apr-15	12:32:00	3.25	Hours of Operation 8 Apr 2015 12:30-1:07 PM	Datalogger operated continuously
8-Apr-15	12:34:00	3.15	Hours of Operation 8 Apr 2015 12:30-1:07 PM	Datalogger operated continuously
8-Apr-15	12:36:00	3.15	Hours of Operation 8 Apr 2015 12:30-1:07 PM	Datalogger operated continuously
8-Apr-15	12:38:00	3.06	Hours of Operation 8 Apr 2015 12:30-1:07 PM	Datalogger operated continuously
8-Apr-15	12:40:00	2.92	Hours of Operation 8 Apr 2015 12:30-1:07 PM	Datalogger operated continuously
8-Apr-15	12:42:00	3.15	Hours of Operation 8 Apr 2015 12:30-1:07 PM	Datalogger operated continuously
8-Apr-15	12:44:00	3.28	Hours of Operation 8 Apr 2015 12:30-1:07 PM	Datalogger operated continuously
8-Apr-15	12:46:00	3.4	Hours of Operation 8 Apr 2015 12:30-1:07 PM	Datalogger operated continuously
8-Apr-15	12:48:00	3.4	Hours of Operation 8 Apr 2015 12:30-1:07 PM	Datalogger operated continuously
8-Apr-15	12:50:00	3.4	Hours of Operation 8 Apr 2015 12:30-1:07 PM	Datalogger operated continuously
8-Apr-15	12:52:00	3.2	Hours of Operation 8 Apr 2015 12:30-1:07 PM	Datalogger operated continuously
8-Apr-15	12:54:00	3.39	Hours of Operation 8 Apr 2015 12:30-1:07 PM	Datalogger operated continuously
8-Apr-15	12:56:00	3.41	Hours of Operation 8 Apr 2015 12:30-1:07 PM	Datalogger operated continuously
8-Apr-15	12:58:00	3.41	Hours of Operation 8 Apr 2015 12:30-1:07 PM	Datalogger operated continuously
8-Apr-15	13:00:00	3.41	Hours of Operation 8 Apr 2015 12:30-1:07 PM	Datalogger operated continuously
8-Apr-15	13:02:00	3.38	Hours of Operation 8 Apr 2015 12:30-1:07 PM	Datalogger operated continuously
8-Apr-15	13:04:00	3.11	Hours of Operation 8 Apr 2015 12:30-1:07 PM	Datalogger operated continuously
8-Apr-15	13:06:00	3.17	Hours of Operation 8 Apr 2015 12:30-1:07 PM	Datalogger operated continuously
8-Apr-15	13:08:00	3.36	Hours of Operation 8 Apr 2015 12:30-1:07 PM	Datalogger operated continuously
9-Apr-15	9:52:00	3.57	Hours of Operation 9 Apr 2015 9:52-10:34 AM	Datalogger operated continuously
9-Apr-15	9:54:00	3.57	Hours of Operation 9 Apr 2015 9:52-10:34 AM	Datalogger operated continuously
9-Apr-15	9:56:00	3.57	Hours of Operation 9 Apr 2015 9:52-10:34 AM	Datalogger operated continuously
9-Apr-15	9:58:00	3.57	Hours of Operation 9 Apr 2015 9:52-10:34 AM	Datalogger operated continuously
9-Apr-15	10:00:00	3.57	Hours of Operation 9 Apr 2015 9:52-10:34 AM	Datalogger operated continuously
9-Apr-15	10:02:00	3.84	Hours of Operation 9 Apr 2015 9:52-10:34 AM	Datalogger operated continuously
9-Apr-15	10:04:00	3.89	Hours of Operation 9 Apr 2015 9:52-10:34 AM	Datalogger operated continuously
9-Apr-15	10:06:00	3.7	Hours of Operation 9 Apr 2015 9:52-10:34 AM	Datalogger operated continuously
9-Apr-15	10:08:00	3.63	Hours of Operation 9 Apr 2015 9:52-10:34 AM	Datalogger operated continuously
9-Apr-15	10:10:00	3.63	Hours of Operation 9 Apr 2015 9:52-10:34 AM	Datalogger operated continuously
9-Apr-15	10:12:00	3.63	Hours of Operation 9 Apr 2015 9:52-10:34 AM	Datalogger operated continuously
9-Apr-15	10:14:00	3.79	Hours of Operation 9 Apr 2015 9:52-10:34 AM	Datalogger operated continuously

9-Apr-15	10:16:00	4.12	Hours of Operation 9 Apr 2015 9:52-10:34 AM	Datalogger operated continuously
9-Apr-15	10:18:00	4.14	Hours of Operation 9 Apr 2015 9:52-10:34 AM	Datalogger operated continuously
9-Apr-15	10:20:00	3.92	Hours of Operation 9 Apr 2015 9:52-10:34 AM	Datalogger operated continuously
9-Apr-15	10:22:00	3.88	Hours of Operation 9 Apr 2015 9:52-10:34 AM	Datalogger operated continuously
9-Apr-15	10:24:00	2.55	Hours of Operation 9 Apr 2015 9:52-10:34 AM	Datalogger operated continuously
9-Apr-15	10:26:00	0	Hours of Operation 9 Apr 2015 9:52-10:34 AM	Datalogger operated continuously
9-Apr-15	10:28:00	0	Hours of Operation 9 Apr 2015 9:52-10:34 AM	Datalogger operated continuously
9-Apr-15	10:30:00	0	Hours of Operation 9 Apr 2015 9:52-10:34 AM	Datalogger operated continuously
9-Apr-15	10:32:00	0	Hours of Operation 9 Apr 2015 9:52-10:34 AM	Datalogger operated continuously
9-Apr-15	10:34:00	0.05	Hours of Operation 9 Apr 2015 9:52-10:34 AM	Datalogger operated continuously
9-Apr-15	13:04:00	U	Hours of Operation 9 Apr 2015 1:04-1:35 PM	Leased phoneline communication failure to remote terminal unit. See backup chart & operator's manual entry in Attachment A607.E.
10-Apr-15	9:00:00	U	Hours of Operation 10 Apr 2015 9:01-9:34 AM	Leased phoneline communication failure to remote terminal unit. See backup chart & operator's manual entry in Attachment A607.E.
10-Apr-15	12:50:00	U	Hours of Operation 12:51-1:19 PM	Leased phoneline communication failure to remote terminal unit. See backup chart & operator's manual entry in Attachment A607.E.
14-Apr-15	9:40:00	U	Hours of Operation 9:40-10:11 AM	Leased phoneline communication failure to remote terminal unit. See backup chart & operator's manual entry in Attachment A607.E.
14-Apr-15	12:36:00	U	Hours of Operation 12:37-1:04 PM	Leased phoneline communication failure to remote terminal unit. See backup chart & operator's manual entry in Attachment A607.E.
19-Apr-15	10:00:00	U	Hours of Operation 10:00-10:49 AM	Leased phoneline communication failure to remote terminal unit. See backup chart & operator's manual entry in Attachment A607.E.

				Leased phoneline communication failure to
				remote terminal unit. See backup chart &
19-Apr-15	11:30:00	U	Hours of Operation 11:31 AM-12:07 PM	operator's manual entry in Attachment A607.E.
		_		
				Leased phoneline communication failure to
				remote terminal unit. See backup chart &
20-Apr-15	9:34:00	U	Hours of Operation 9:34-9:58 AM	operator's manual entry in Attachment A607.E.
				Leased phoneline communication failure to
				remote terminal unit. See backup chart &
20 4 - 15	12:46:00		House of Operation 12:46 1:10 DM	operator's manual entry in Attachment A607.E.
20-Apr-15	12:46:00	U	Hours of Operation 12:46-1:18 PM	
				Leased phoneline communication failure to
				remote terminal unit. See backup chart &
21-Apr-15	8:54:00	U	Hours of Operation 8:55-9:28 AM	operator's manual entry in Attachment A607.E.
21-Apr-15	12:56:00	3.31	Hours of Operation 21 Apr 2015 12:56-1:24 PM	Datalogger operated continuously
21-Apr-15	12:58:00	3.31	Hours of Operation 21 Apr 2015 12:56-1:24 PM	Datalogger operated continuously
21-Apr-15	13:00:00	3.31	Hours of Operation 21 Apr 2015 12:56-1:24 PM	Datalogger operated continuously
21-Apr-15	13:02:00	3.31	Hours of Operation 21 Apr 2015 12:56-1:24 PM	Datalogger operated continuously
21-Apr-15	13:04:00	3.31	Hours of Operation 21 Apr 2015 12:56-1:24 PM	Datalogger operated continuously
21-Apr-15	13:06:00	3.31	Hours of Operation 21 Apr 2015 12:56-1:24 PM	Datalogger operated continuously
21-Apr-15	13:08:00	3.31	Hours of Operation 21 Apr 2015 12:56-1:24 PM	Datalogger operated continuously
21-Apr-15	13:10:00	3.31	Hours of Operation 21 Apr 2015 12:56-1:24 PM	Datalogger operated continuously
21-Apr-15	13:12:00	3.31	Hours of Operation 21 Apr 2015 12:56-1:24 PM	Datalogger operated continuously
21-Apr-15	13:14:00	0.68	Hours of Operation 21 Apr 2015 12:56-1:24 PM	Datalogger operated continuously
21-Apr-15	13:16:00	0	Hours of Operation 21 Apr 2015 12:56-1:24 PM	Datalogger operated continuously
21-Apr-15	13:18:00	0	Hours of Operation 21 Apr 2015 12:56-1:24 PM	Datalogger operated continuously
21-Apr-15	13:20:00	0	Hours of Operation 21 Apr 2015 12:56-1:24 PM	Datalogger operated continuously
21-Apr-15	13:22:00	0	Hours of Operation 21 Apr 2015 12:56-1:24 PM	Datalogger operated continuously
21-Apr-15	13:24:00	0	Hours of Operation 21 Apr 2015 12:56-1:24 PM	Datalogger operated continuously
22-Apr-15	10:26:00	2.52	Hours of Operation 22 Apr 2015 10:27-11:10 AM	Datalogger operated continuously
22-Apr-15	10:28:00	2.53	Hours of Operation 22 Apr 2015 10:27-11:10 AM	Datalogger operated continuously
22-Apr-15	10:30:00	2.56	Hours of Operation 22 Apr 2015 10:27-11:10 AM	Datalogger operated continuously

22-Apr-15	10:32:00	2.77	Hours of Operation 22 Apr 2015 10:27-11:10 AM	Datalogger operated continuously
22-Apr-15	10:34:00	2.77	Hours of Operation 22 Apr 2015 10:27-11:10 AM	Datalogger operated continuously
22-Apr-15	10:36:00	2.77	Hours of Operation 22 Apr 2015 10:27-11:10 AM	Datalogger operated continuously
22-Apr-15	10:38:00	3.03	Hours of Operation 22 Apr 2015 10:27-11:10 AM	Datalogger operated continuously
22-Apr-15	10:40:00	3.04	Hours of Operation 22 Apr 2015 10:27-11:10 AM	Datalogger operated continuously
22-Apr-15	10:42:00	3.04	Hours of Operation 22 Apr 2015 10:27-11:10 AM	Datalogger operated continuously
22-Apr-15	10:44:00	3.29	Hours of Operation 22 Apr 2015 10:27-11:10 AM	Datalogger operated continuously
22-Apr-15	10:46:00	3.31	Hours of Operation 22 Apr 2015 10:27-11:10 AM	Datalogger operated continuously
22-Apr-15	10:48:00	3.31	Hours of Operation 22 Apr 2015 10:27-11:10 AM	Datalogger operated continuously
22-Apr-15	10:50:00	3.31	Hours of Operation 22 Apr 2015 10:27-11:10 AM	Datalogger operated continuously
22-Apr-15	10:52:00	3.31	Hours of Operation 22 Apr 2015 10:27-11:10 AM	Datalogger operated continuously
22-Apr-15	10:54:00	3.24	Hours of Operation 22 Apr 2015 10:27-11:10 AM	Datalogger operated continuously
22-Apr-15	10:56:00	3.06	Hours of Operation 22 Apr 2015 10:27-11:10 AM	Datalogger operated continuously
22-Apr-15	10:58:00	3.06	Hours of Operation 22 Apr 2015 10:27-11:10 AM	Datalogger operated continuously
22-Apr-15	11:00:00	1.61	Hours of Operation 22 Apr 2015 10:27-11:10 AM	Datalogger operated continuously
22-Apr-15	11:02:00	0	Hours of Operation 22 Apr 2015 10:27-11:10 AM	Datalogger operated continuously
22-Apr-15	11:04:00	0	Hours of Operation 22 Apr 2015 10:27-11:10 AM	Datalogger operated continuously
22-Apr-15	11:06:00	0	Hours of Operation 22 Apr 2015 10:27-11:10 AM	Datalogger operated continuously
22-Apr-15	11:08:00	0	Hours of Operation 22 Apr 2015 10:27-11:10 AM	Datalogger operated continuously
22-Apr-15	11:10:00	0	Hours of Operation 22 Apr 2015 10:27-11:10 AM	Datalogger operated continuously
LAEVSB\$				

DIFFPRESS REPORT FOR MONTH OF MAY

PRP 600233 DIFFPRES

PRP - Profile Report Program

1 Point Founrd

Acronym:

Reporting on 1 point

Start [31-MAY-2 1-May

Stop [1-MAY-2015]: 31-May

Increment (xx[S/M/H, 2M

Date	Time	DiffPress	Available	Operator Log Time	Comment
		inches	U=unavailable		
2-May-15	8:54:00	3.56		Hours of Operation 2 May 2015 8:55-9:47 AM	Datalogger operated continuously
2-May-15	8:56:00	3.57		Hours of Operation 2 May 2015 8:55-9:47 AM	Datalogger operated continuously
2-May-15	8:58:00	3.57		Hours of Operation 2 May 2015 8:55-9:47 AM	Datalogger operated continuously
2-May-15	9:00:00	3.57		Hours of Operation 2 May 2015 8:55-9:47 AM	Datalogger operated continuously
2-May-15	9:02:00	3.57		Hours of Operation 2 May 2015 8:55-9:47 AM	Datalogger operated continuously
2-May-15	9:04:00	3.57		Hours of Operation 2 May 2015 8:55-9:47 AM	Datalogger operated continuously
2-May-15	9:06:00	3.57		Hours of Operation 2 May 2015 8:55-9:47 AM	Datalogger operated continuously
2-May-15	9:08:00	3.57		Hours of Operation 2 May 2015 8:55-9:47 AM	Datalogger operated continuously
2-May-15	9:10:00	3.57		Hours of Operation 2 May 2015 8:55-9:47 AM	Datalogger operated continuously
2-May-15	9:12:00	3.57		Hours of Operation 2 May 2015 8:55-9:47 AM	Datalogger operated continuously
2-May-15	9:14:00	3.57		Hours of Operation 2 May 2015 8:55-9:47 AM	Datalogger operated continuously
2-May-15	9:16:00	3.57		Hours of Operation 2 May 2015 8:55-9:47 AM	Datalogger operated continuously
2-May-15	9:18:00	3.57		Hours of Operation 2 May 2015 8:55-9:47 AM	Datalogger operated continuously
2-May-15	9:20:00	3.57		Hours of Operation 2 May 2015 8:55-9:47 AM	Datalogger operated continuously
2-May-15	9:22:00	3.57		Hours of Operation 2 May 2015 8:55-9:47 AM	Datalogger operated continuously
2-May-15	9:24:00	3.57		Hours of Operation 2 May 2015 8:55-9:47 AM	Datalogger operated continuously
2-May-15	9:26:00	3.57		Hours of Operation 2 May 2015 8:55-9:47 AM	Datalogger operated continuously
2-May-15	9:28:00	3.57		Hours of Operation 2 May 2015 8:55-9:47 AM	Datalogger operated continuously
2-May-15	9:30:00	3.57		Hours of Operation 2 May 2015 8:55-9:47 AM	Datalogger operated continuously
2-May-15	9:32:00	3.34		Hours of Operation 2 May 2015 8:55-9:47 AM	Datalogger operated continuously
2-May-15	9:34:00	3.57		Hours of Operation 2 May 2015 8:55-9:47 AM	Datalogger operated continuously

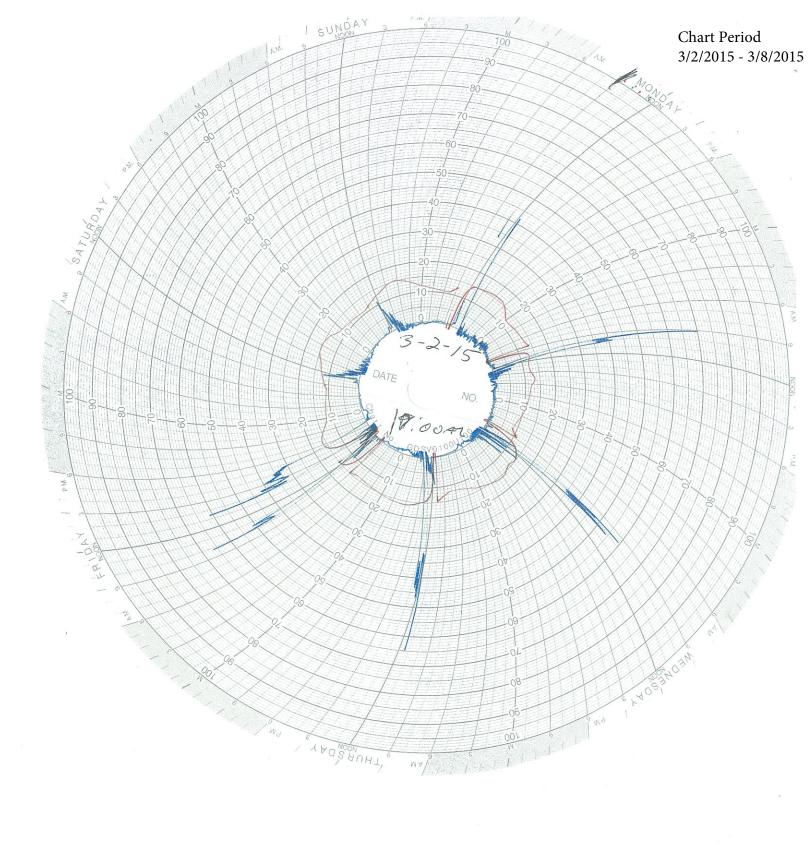
2-May-15	9:36:00	2.39	Hours of Operation 2 May 2015 8:55-9:47 AM	Datalogger operated continuously
2-May-15	9:38:00	0	Hours of Operation 2 May 2015 8:55-9:47 AM	Datalogger operated continuously
2-May-15	9:38:00	0	Hours of Operation 2 May 2015 8:55-9:47 AM	Datalogger operated continuously
2-May-15	9:40:00	0	Hours of Operation 2 May 2015 8:55-9:47 AM	Datalogger operated continuously
2-May-15	9:42:00	0	Hours of Operation 2 May 2015 8:55-9:47 AM	Datalogger operated continuously
2-May-15	9:44:00	0	Hours of Operation 2 May 2015 8:55-9:47 AM	Datalogger operated continuously
2-May-15	9:46:00	0	Hours of Operation 2 May 2015 8:55-9:47 AM	Datalogger operated continuously
2-May-15	9:48:00	0	Hours of Operation 2 May 2015 8:55-9:47 AM	Datalogger operated continuously
2-May-15	10:46:00	3.29	Hours of Operation 2 May 2015 10:47-11:25 AM	Datalogger operated continuously
2-May-15	10:48:00	2.85	Hours of Operation 2 May 2015 10:47-11:25 AM	Datalogger operated continuously
2-May-15	10:50:00	2.66	Hours of Operation 2 May 2015 10:47-11:25 AM	Datalogger operated continuously
2-May-15	10:52:00	2.52	Hours of Operation 2 May 2015 10:47-11:25 AM	Datalogger operated continuously
2-May-15	10:54:00	2.4	Hours of Operation 2 May 2015 10:47-11:25 AM	Datalogger operated continuously
2-May-15	10:56:00	2.4	Hours of Operation 2 May 2015 10:47-11:25 AM	Datalogger operated continuously
2-May-15	10:58:00	2.65	Hours of Operation 2 May 2015 10:47-11:25 AM	Datalogger operated continuously
2-May-15	11:00:00	2.66	Hours of Operation 2 May 2015 10:47-11:25 AM	Datalogger operated continuously
2-May-15	11:02:00	3.08	Hours of Operation 2 May 2015 10:47-11:25 AM	Datalogger operated continuously
2-May-15	11:04:00	4.09	Hours of Operation 2 May 2015 10:47-11:25 AM	Datalogger operated continuously
2-May-15	11:06:00	4.49	Hours of Operation 2 May 2015 10:47-11:25 AM	Datalogger operated continuously
2-May-15	11:08:00	4.49	Hours of Operation 2 May 2015 10:47-11:25 AM	Datalogger operated continuously
2-May-15	11:10:00	4.49	Hours of Operation 2 May 2015 10:47-11:25 AM	Datalogger operated continuously
2-May-15	11:12:00	1.65	Hours of Operation 2 May 2015 10:47-11:25 AM	Datalogger operated continuously
2-May-15	11:14:00	0.09	Hours of Operation 2 May 2015 10:47-11:25 AM	Datalogger operated continuously
2-May-15	11:16:00	0.34	Hours of Operation 2 May 2015 10:47-11:25 AM	Datalogger operated continuously
2-May-15	11:18:00	0.34	Hours of Operation 2 May 2015 10:47-11:25 AM	Datalogger operated continuously
2-May-15	11:20:00	0.34	Hours of Operation 2 May 2015 10:47-11:25 AM	Datalogger operated continuously
2-May-15	11:22:00	0.34	Hours of Operation 2 May 2015 10:47-11:25 AM	Datalogger operated continuously
2-May-15	11:24:00	0.34	Hours of Operation 2 May 2015 10:47-11:25 AM	Datalogger operated continuously
2-May-15	11:26:00	0.34	Hours of Operation 2 May 2015 10:47-11:25 AM	Datalogger operated continuously
6-May-15	9:44:00	3.72	Hours of Operation 6 May 2015 9:46-10:20 AM	Datalogger operated continuously
6-May-15	9:46:00	3.72	Hours of Operation 6 May 2015 9:46-10:20 AM	Datalogger operated continuously
6-May-15	9:48:00	3.72	Hours of Operation 6 May 2015 9:46-10:20 AM	Datalogger operated continuously
6-May-15	9:50:00	3.72	Hours of Operation 6 May 2015 9:46-10:20 AM	Datalogger operated continuously
6-May-15	9:52:00	3.72	Hours of Operation 6 May 2015 9:46-10:20 AM	Datalogger operated continuously

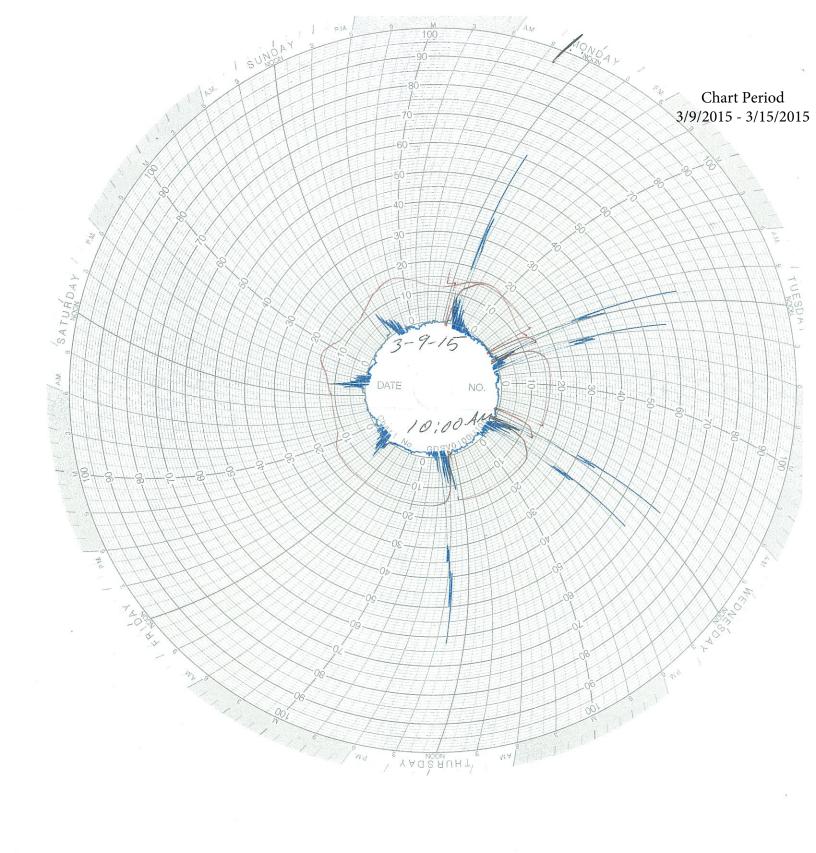
6-May-15	9:54:00	3.56	Hours of Operation 6 May 2015 9:46-10:20 AM	Datalogger operated continuously
6-May-15	9:56:00	3.47	Hours of Operation 6 May 2015 9:46-10:20 AM	Datalogger operated continuously
6-May-15	9:58:00	3.47	Hours of Operation 6 May 2015 9:46-10:20 AM	Datalogger operated continuously
6-May-15	10:00:00	3.47	Hours of Operation 6 May 2015 9:46-10:20 AM	Datalogger operated continuously
6-May-15	10:02:00	3.47	Hours of Operation 6 May 2015 9:46-10:20 AM	Datalogger operated continuously
6-May-15	10:04:00	3.47	Hours of Operation 6 May 2015 9:46-10:20 AM	Datalogger operated continuously
6-May-15	10:06:00	3.47	Hours of Operation 6 May 2015 9:46-10:20 AM	Datalogger operated continuously
6-May-15	10:08:00	3.47	Hours of Operation 6 May 2015 9:46-10:20 AM	Datalogger operated continuously
6-May-15	10:10:00	0.94	Hours of Operation 6 May 2015 9:46-10:20 AM	Datalogger operated continuously
6-May-15	10:12:00	0	Hours of Operation 6 May 2015 9:46-10:20 AM	Datalogger operated continuously
6-May-15	10:14:00	0	Hours of Operation 6 May 2015 9:46-10:20 AM	Datalogger operated continuously
6-May-15	10:16:00	0	Hours of Operation 6 May 2015 9:46-10:20 AM	Datalogger operated continuously
6-May-15	10:18:00	0	Hours of Operation 6 May 2015 9:46-10:20 AM	Datalogger operated continuously
6-May-15	10:20:00	0	Hours of Operation 6 May 2015 9:46-10:20 AM	Datalogger operated continuously
7-May-15	8:58:00	3.55	Hours of Operation 7 May 2015 8:59-9:28 AM	Datalogger operated continuously
7-May-15	9:00:00	3.55	Hours of Operation 7 May 2015 8:59-9:28 AM	Datalogger operated continuously
7-May-15	9:02:00	3.55	Hours of Operation 7 May 2015 8:59-9:28 AM	Datalogger operated continuously
7-May-15	9:04:00	3.55	Hours of Operation 7 May 2015 8:59-9:28 AM	Datalogger operated continuously
7-May-15	9:06:00	3.55	Hours of Operation 7 May 2015 8:59-9:28 AM	Datalogger operated continuously
7-May-15	9:08:00	3.55	Hours of Operation 7 May 2015 8:59-9:28 AM	Datalogger operated continuously
7-May-15	9:10:00	3.55	Hours of Operation 7 May 2015 8:59-9:28 AM	Datalogger operated continuously
7-May-15	9:12:00	3.55	Hours of Operation 7 May 2015 8:59-9:28 AM	Datalogger operated continuously
7-May-15	9:14:00	3.24	Hours of Operation 7 May 2015 8:59-9:28 AM	Datalogger operated continuously
7-May-15	9:16:00	3	Hours of Operation 7 May 2015 8:59-9:28 AM	Datalogger operated continuously
7-May-15	9:18:00	0.08	Hours of Operation 7 May 2015 8:59-9:28 AM	Datalogger operated continuously
7-May-15	9:20:00	0.05	Hours of Operation 7 May 2015 8:59-9:28 AM	Datalogger operated continuously
7-May-15	9:22:00	0.05	Hours of Operation 7 May 2015 8:59-9:28 AM	Datalogger operated continuously
7-May-15	9:24:00	0.05	Hours of Operation 7 May 2015 8:59-9:28 AM	Datalogger operated continuously
7-May-15	9:26:00	0.05	Hours of Operation 7 May 2015 8:59-9:28 AM	Datalogger operated continuously
7-May-15	9:28:00	0.05	Hours of Operation 7 May 2015 8:59-9:28 AM	Datalogger operated continuously
7-May-15	12:42:00	3.4	Hours of Operation 7 May 2015 12:43-1:08 PM	Datalogger operated continuously
7-May-15	12:44:00	3.71	Hours of Operation 7 May 2015 12:43-1:08 PM	Datalogger operated continuously
7-May-15	12:46:00	3.5	Hours of Operation 7 May 2015 12:43-1:08 PM	Datalogger operated continuously
7-May-15	12:48:00	3.49	Hours of Operation 7 May 2015 12:43-1:08 PM	Datalogger operated continuously

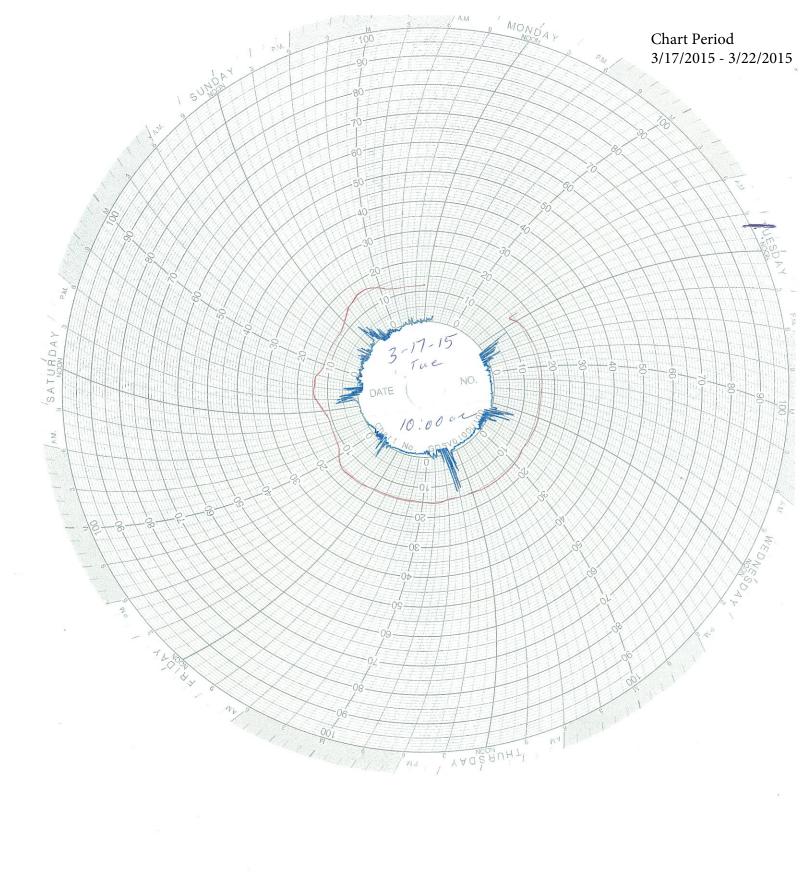
7-May-15	12:50:00	3.54	Hours of Operation 7 May 2015 12:43-1:08 PM	Datalogger operated continuously
7-May-15	12:52:00	3.54	Hours of Operation 7 May 2015 12:43-1:08 PM	Datalogger operated continuously
7-May-15	12:54:00	3.12	Hours of Operation 7 May 2015 12:43-1:08 PM	Datalogger operated continuously
7-May-15	12:56:00	2.37	Hours of Operation 7 May 2015 12:43-1:08 PM	Datalogger operated continuously
7-May-15	12:58:00	0.66	Hours of Operation 7 May 2015 12:43-1:08 PM	Datalogger operated continuously
7-May-15	13:00:00	0	Hours of Operation 7 May 2015 12:43-1:08 PM	Datalogger operated continuously
7-May-15	13:02:00	0	Hours of Operation 7 May 2015 12:43-1:08 PM	Datalogger operated continuously
7-May-15	13:04:00	0	Hours of Operation 7 May 2015 12:43-1:08 PM	Datalogger operated continuously
7-May-15	13:06:00	0	Hours of Operation 7 May 2015 12:43-1:08 PM	Datalogger operated continuously
7-May-15	13:08:00	0	Hours of Operation 7 May 2015 12:43-1:08 PM	Datalogger operated continuously
8-May-15	9:36:00	3.06	Hours of Operation 8 May 2015 9:37-10:13 AM	Datalogger operated continuously
8-May-15	9:38:00	2.89	Hours of Operation 8 May 2015 9:37-10:13 AM	Datalogger operated continuously
8-May-15	9:40:00	2.89	Hours of Operation 8 May 2015 9:37-10:13 AM	Datalogger operated continuously
8-May-15	9:42:00	2.89	Hours of Operation 8 May 2015 9:37-10:13 AM	Datalogger operated continuously
8-May-15	9:44:00	2.89	Hours of Operation 8 May 2015 9:37-10:13 AM	Datalogger operated continuously
8-May-15	9:46:00	2.89	Hours of Operation 8 May 2015 9:37-10:13 AM	Datalogger operated continuously
8-May-15	9:48:00	3.08	Hours of Operation 8 May 2015 9:37-10:13 AM	Datalogger operated continuously
8-May-15	9:50:00	3.17	Hours of Operation 8 May 2015 9:37-10:13 AM	Datalogger operated continuously
8-May-15	9:52:00	3.22	Hours of Operation 8 May 2015 9:37-10:13 AM	Datalogger operated continuously
8-May-15	9:54:00	3.22	Hours of Operation 8 May 2015 9:37-10:13 AM	Datalogger operated continuously
8-May-15	9:56:00	3.22	Hours of Operation 8 May 2015 9:37-10:13 AM	Datalogger operated continuously
8-May-15	9:58:00	3.09	Hours of Operation 8 May 2015 9:37-10:13 AM	Datalogger operated continuously
8-May-15	10:00:00	2.77	Hours of Operation 8 May 2015 9:37-10:13 AM	Datalogger operated continuously
8-May-15	10:02:00	1.82	Hours of Operation 8 May 2015 9:37-10:13 AM	Datalogger operated continuously
8-May-15	10:04:00	0	Hours of Operation 8 May 2015 9:37-10:13 AM	Datalogger operated continuously
8-May-15	10:06:00	0	Hours of Operation 8 May 2015 9:37-10:13 AM	Datalogger operated continuously
8-May-15	10:08:00	0	Hours of Operation 8 May 2015 9:37-10:13 AM	Datalogger operated continuously
8-May-15	10:10:00	0	Hours of Operation 8 May 2015 9:37-10:13 AM	Datalogger operated continuously
8-May-15	10:12:00	0	Hours of Operation 8 May 2015 9:37-10:13 AM	Datalogger operated continuously
8-May-15	10:14:00	0	Hours of Operation 8 May 2015 9:37-10:13 AM	Datalogger operated continuously
8-May-15	12:44:00	2.77	Hours of Operation 8 May 2015 12:45-1:02 PM	Datalogger operated continuously
8-May-15	12:46:00	2.77	Hours of Operation 8 May 2015 12:45-1:02 PM	Datalogger operated continuously
8-May-15	12:48:00	2.95	Hours of Operation 8 May 2015 12:45-1:02 PM	Datalogger operated continuously
8-May-15	12:50:00	3.02	Hours of Operation 8 May 2015 12:45-1:02 PM	Datalogger operated continuously

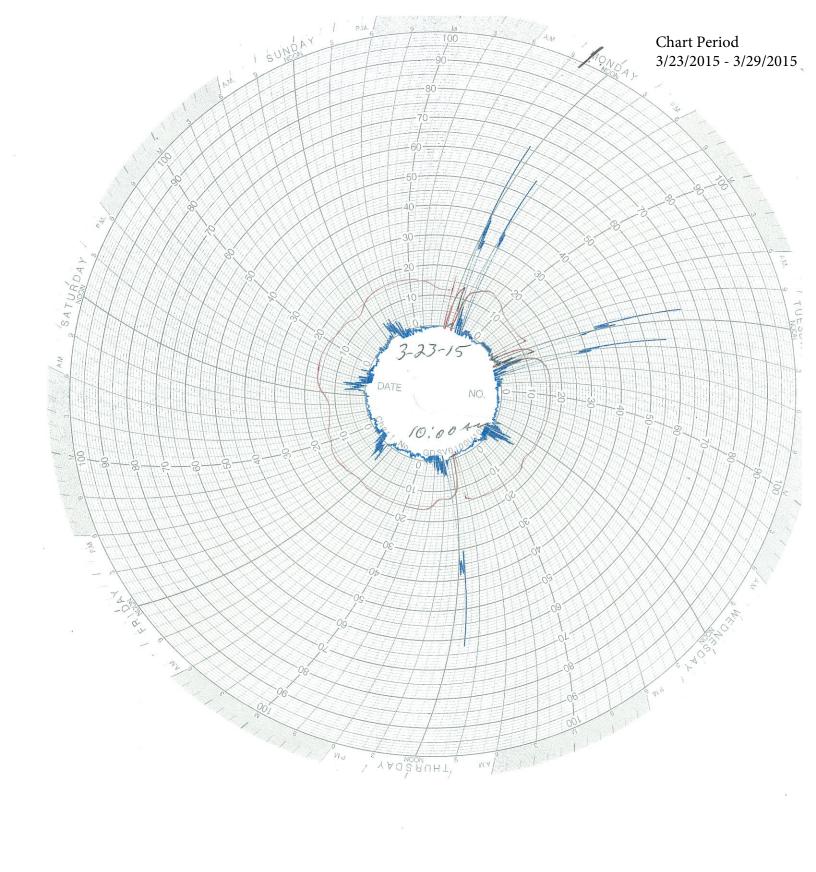
8-May-15	12:52:00	3.02	Hours of Operation 8 May 2015 12:45-1:02 PM	Datalogger operated continuously
8-May-15	12:54:00	3.02	Hours of Operation 8 May 2015 12:45-1:02 PM	Datalogger operated continuously
8-May-15	12:56:00	2.1	Hours of Operation 8 May 2015 12:45-1:02 PM	Datalogger operated continuously
8-May-15	12:58:00	0.09	Hours of Operation 8 May 2015 12:45-1:02 PM	Datalogger operated continuously
8-May-15	13:00:00	0.09	Hours of Operation 8 May 2015 12:45-1:02 PM	Datalogger operated continuously
8-May-15	13:02:00	0.09	Hours of Operation 8 May 2015 12:45-1:02 PM	Datalogger operated continuously

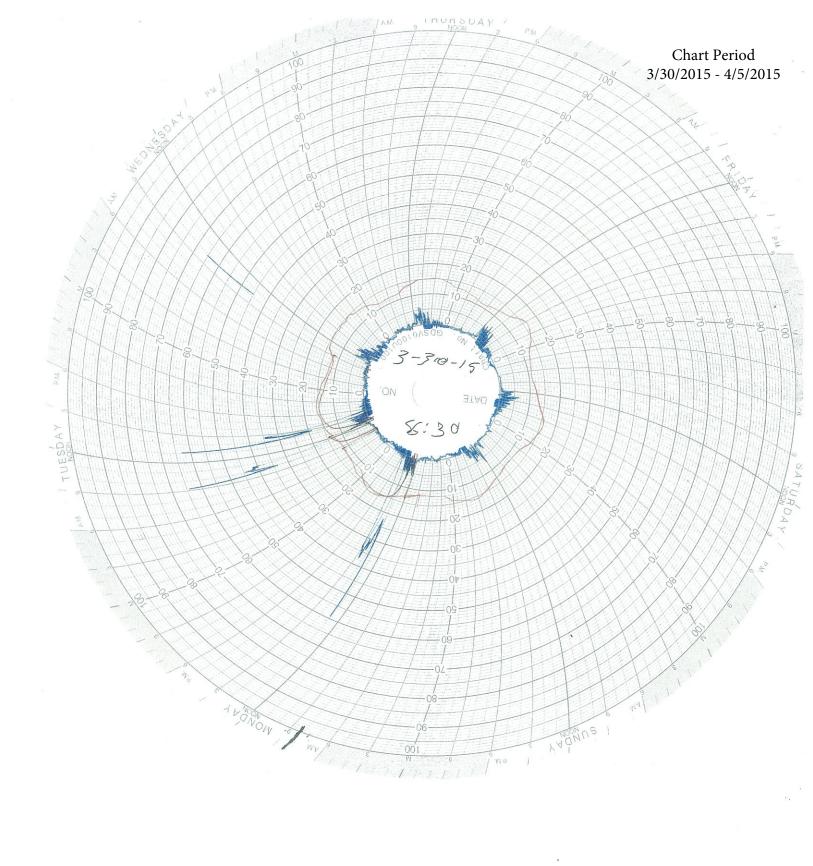
Asphalt plant did not operate in June 2015 No Differential Pressure Readings

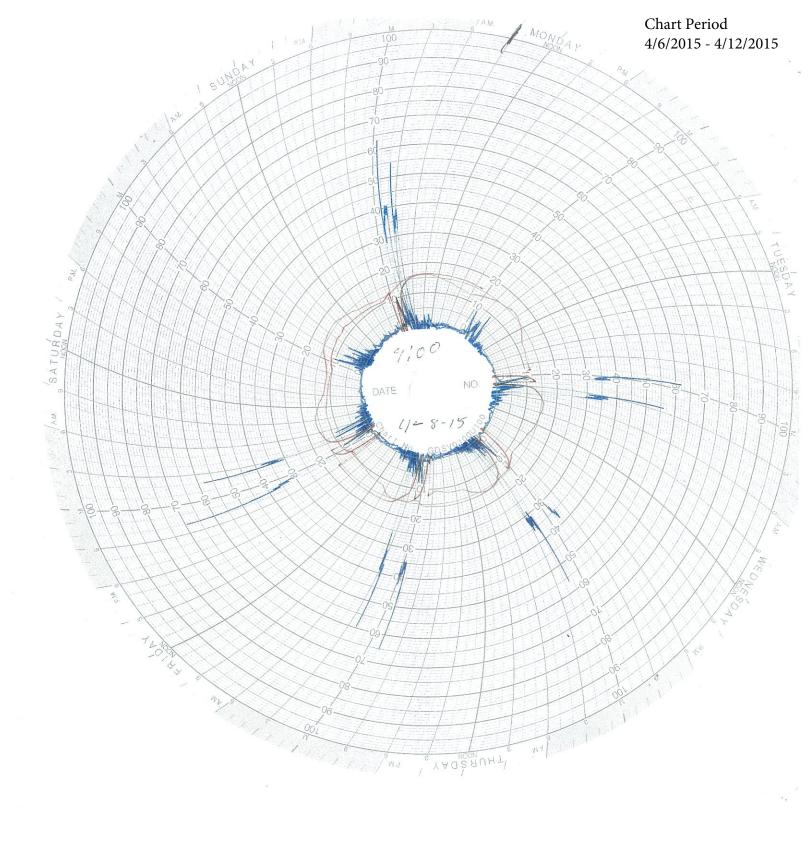


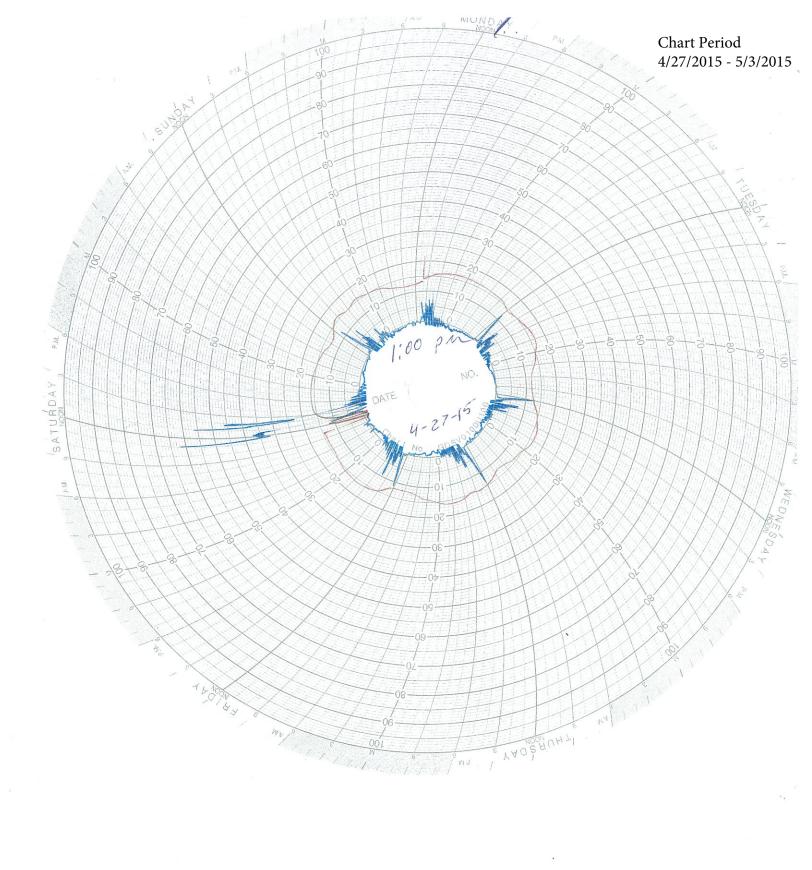


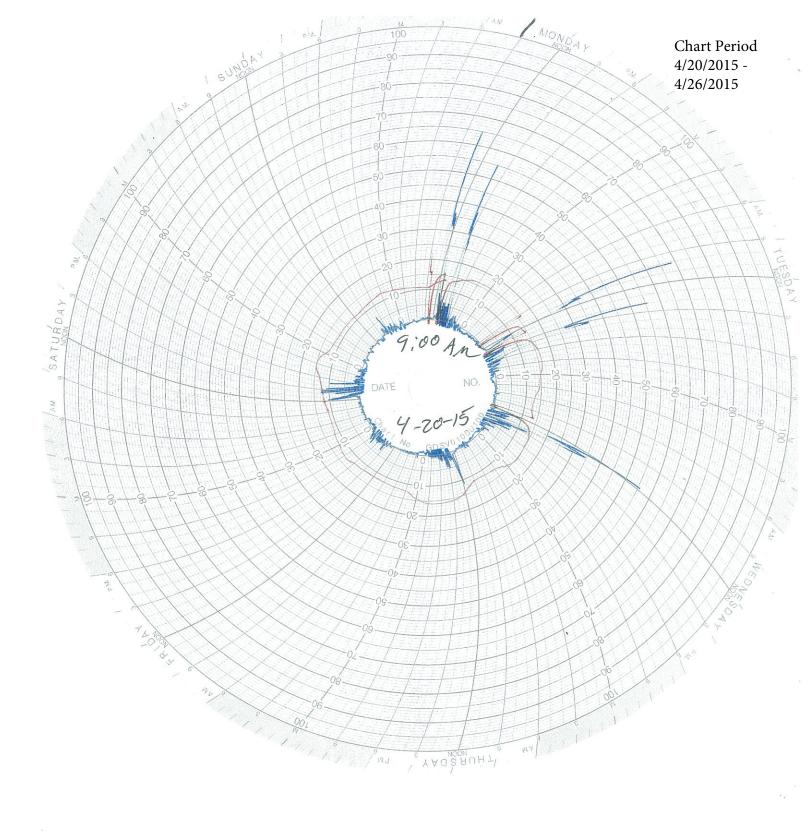


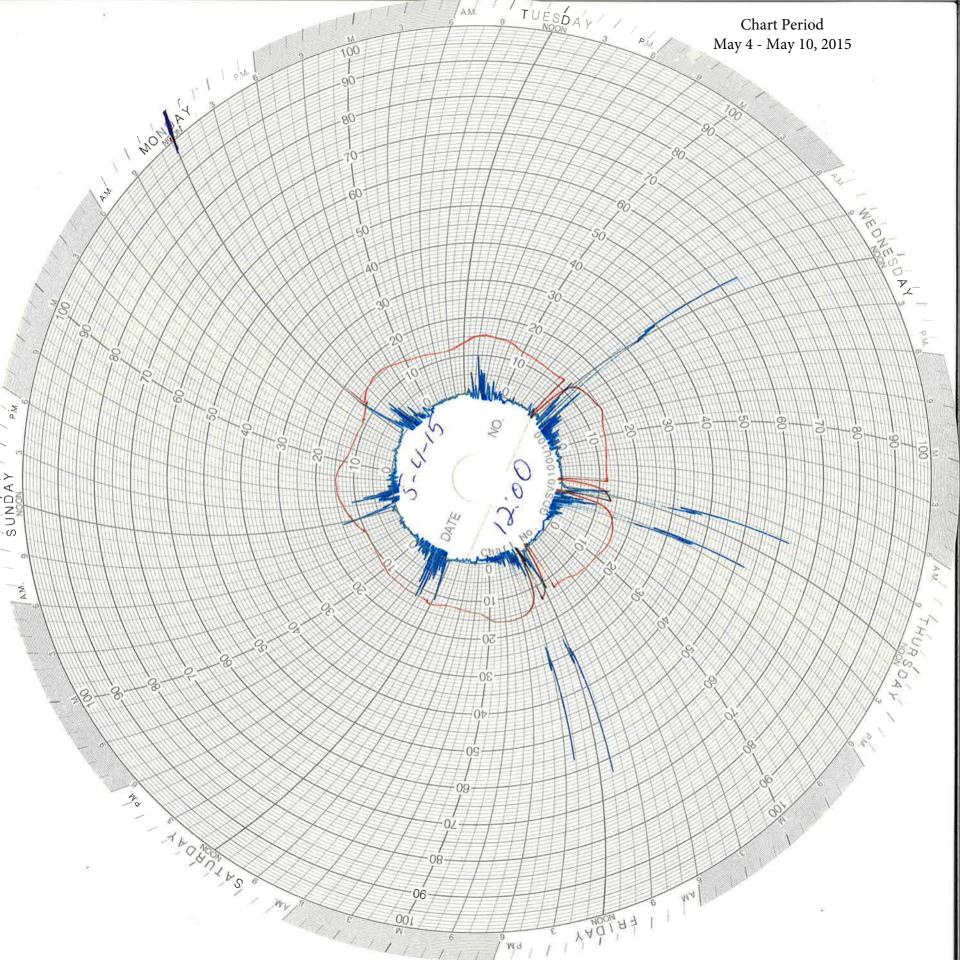


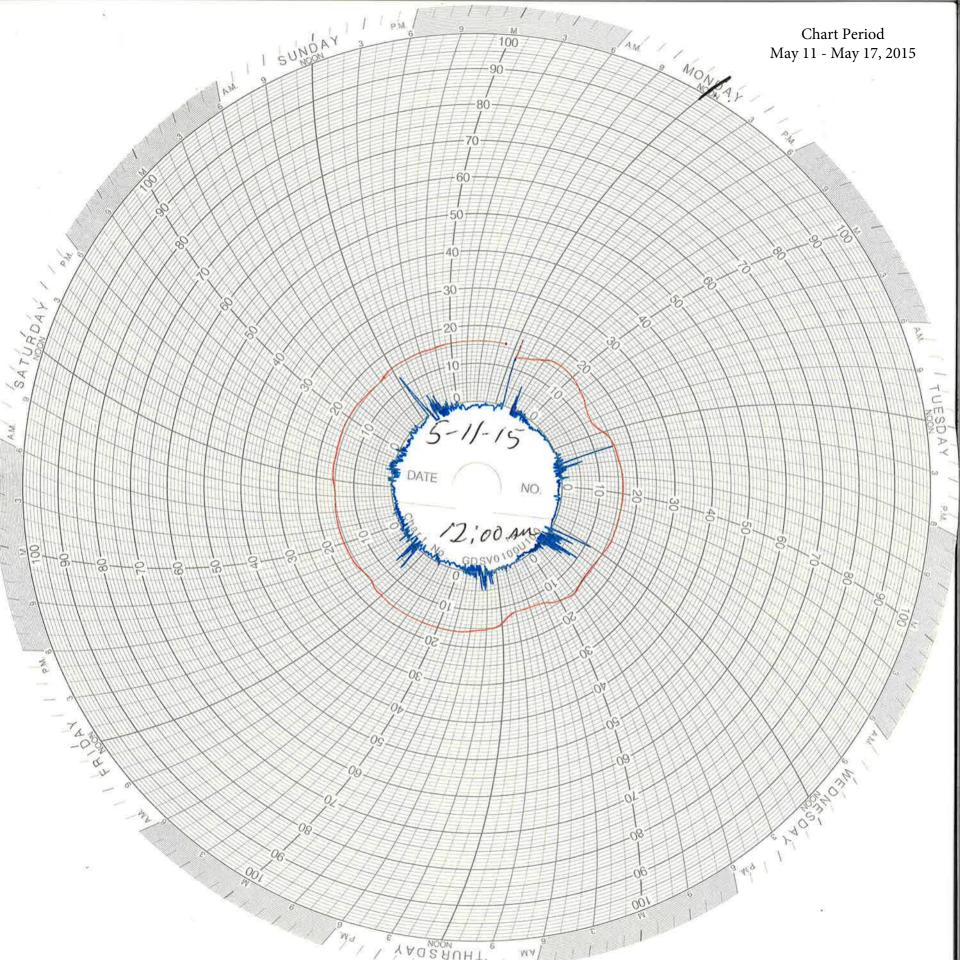


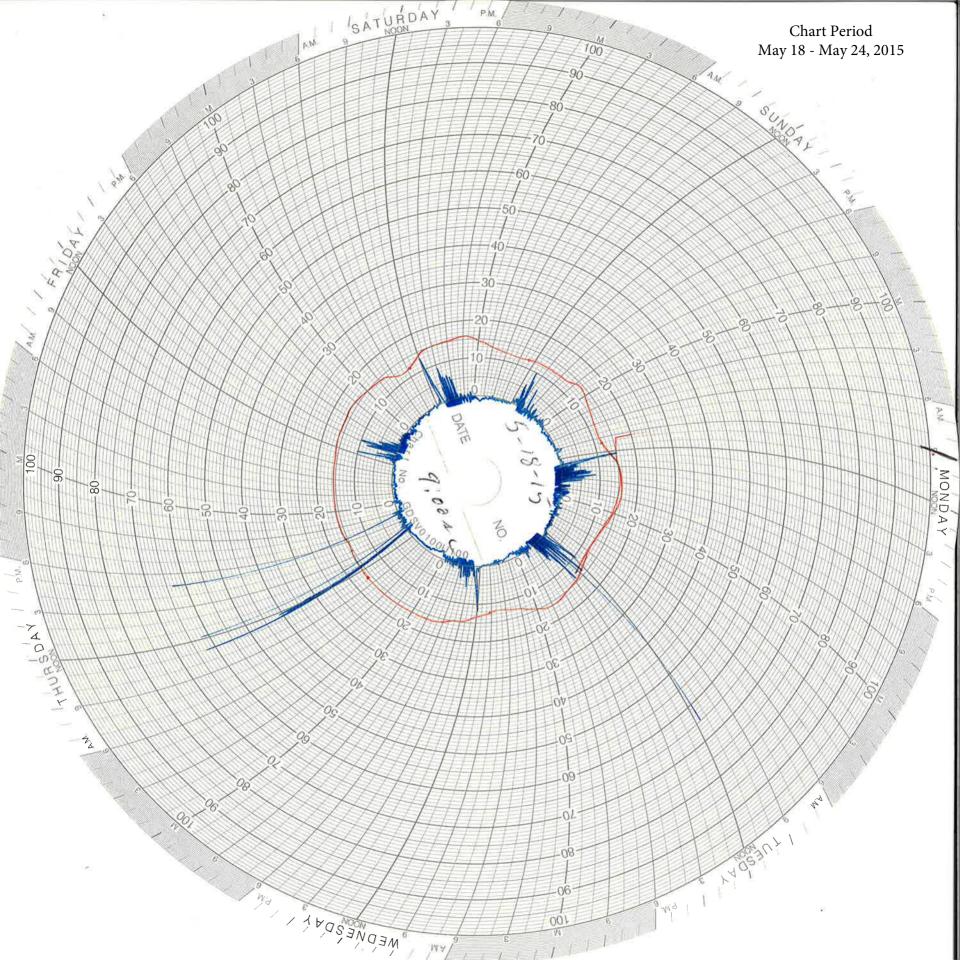


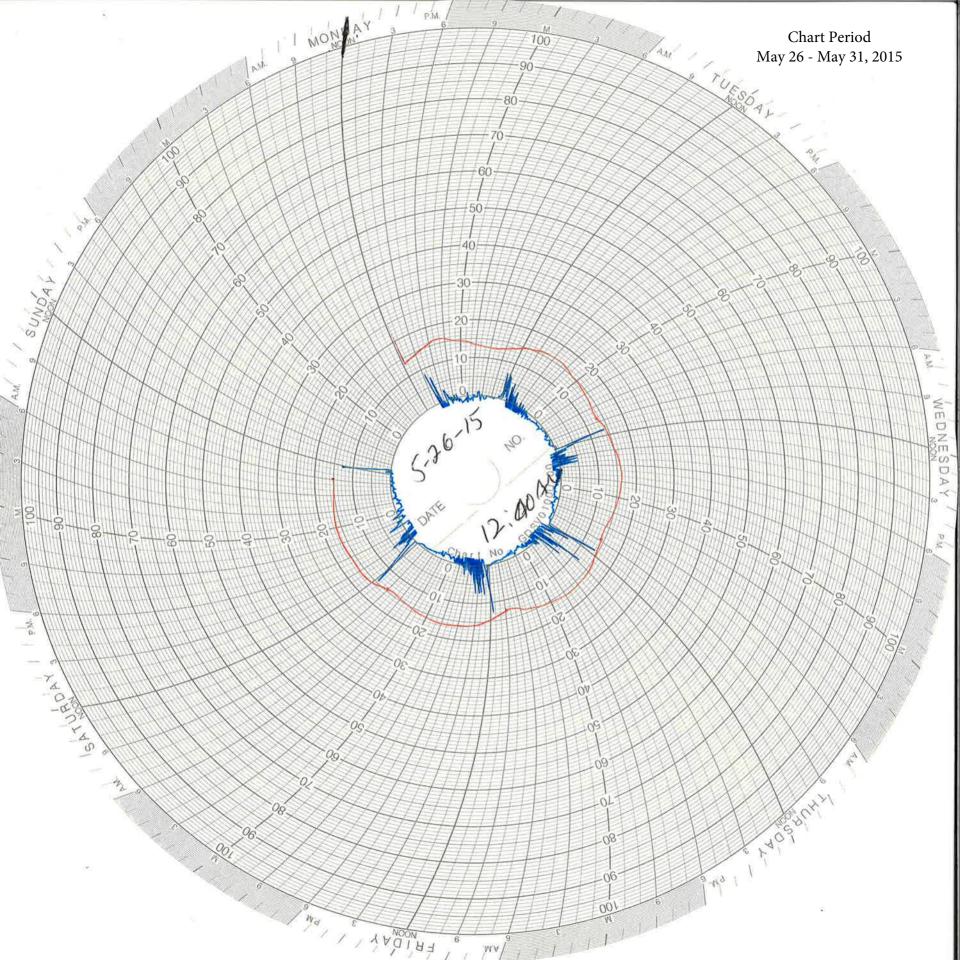












ATTACHMENT A607.C.

Asphalt Plant

Method 9 Opacity Reports

<u>A</u>						
LOS ALAMOS NATIONAL VISIBLE EMISSION OBSERV						
TAGO As chalt Batch Plant	Observation Da			Start 7	ime :46	End Time
Source Location: TA 60-233	Sec Min	0	15	30	45	Comments
Type of Source Type of Control Equipment	1	φ	Ø	Ø	Ø	
Asphalt Plant Bagleouse	2	Ø	Ø	Ø	10	
Describe Envission Point (Top of stack, etc.) Saghouse Stack	3	0	Ø	Φ	Ø	
Height Above Ground Level Height Relative to Observer	1 4	Ø	Ø	(b)	Ø	
Distance From Observer Direction of Source From Observer	5	Ø	Ø	め	6	
Description of Phune (stack exit only)	6	B	Ø	Ø	Ø	
OLoring Orange Glack exacting OFaming OConing To Puna Presen:		100 30			*	
Emission Color Plume Type Ko Plume Present Continuous D Fugitive Dimerminent	1 8	65 0 40 0 T				
Water Droplets Present?	9	(32.000)s		1013-12-98 1013-11-91 2013-11-91	2830149-674 253425-554 254427-554	
At what point in the phane was opacity determined?	10				0)21.5	
2' Above Stack Top	11					
Describe Background (i.e. blue sky, trees, etc.) Blue / < rey > ky	12	10.42	\$1000			
Background polor Blue Crey Vartly County	1 13					
Wind Speed Wind Disection (provide from/to, i.e. from North to South)	14					
10-5 From S	15					
Ambient Temperature Relative Humidity 54 5 23 %	16					
Additional Comments/Information:	17					
	18					
	19					
Stack SOURCE LAYOUT SKETCH	1 20	1(2)(55) 1653(75) 1553(45)				
with O Phune Draw Arrow in	Average 6-Mi	aute O	pacity	ini ba	ganās o	f Opacity Readings
Sun Point North Direction	$ $ \bigcirc				din.	Max. Ø
Wind \rightarrow X	OBSERVER (Λ.		Title:	S C O
	C. Hew	1420	the \	\ \		DEY
	Signature	1 /42	<u>ا</u> تسا			3/23/15
	Observer Wil	_		<u>1</u> S		
OBSERVER'S POSITION	Certified by	f				Certification Date 2/25/15
SUN LOCATION LINE						

Lab Home | Phone | Search Date: Monday, March 23, 2015 | Time: 11:10 MDT (17:10 UTC) | Time Note »

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The table below provides a snapshot of current conditions at each tower location. Wind variables are measured at 11 meters above the ground (36 meters at PJMT) and the atmospheric state variables (temperature, humidity, and pressure) are measured at 1.2 meters above the ground (2 meters at PJMT).

Other Text Summaries Available: 15-Minute Short Summary (English)

Current Observations:			E	English	Metric
Tower (tower)	TA6	TA41	TA49	TA53	TA54
Date (mm/dd)	03/23	03/23	03/23	03/23	03/23
Time (hhmm)	1000	1000	1000	1000	1000
Wind Speed (mph)	13.2	7.4	11.6	4.0	10.3
Wind Direction (deg)	278	261	239	117	198
Max Gust (mph)	30.2	15.0	23.5	25.3	16.3
Max Gust Direction (deg)	274	261	239	302	249
Time of Max Gust (hhmm)	945	1000	1000	215	30
Temperature (deg-F)	54.5	55.8	55.8	52.9	54.7
Max Temp Since Midnight (deg-F)	55.2	55.8	55.8	53.1	54.7
Time of Max Temp (hhmm)	945	1000	1000		1000
Min Temp Since Midnight (deg-F)	42.8	34.7	42.3	46.2	37.6
Time of Min Temp (hhmm)	645	345	630	745	400
Pressure (mb)	777.2	-	- "	-	801.9
Relative Humidity (%)	23		24	31	*
Dew Point Temperature (deg-F)	18.0	-	19.8	23.5	-9.8
Precip Last 15 Minutes (in)	0.00	-	0.00	0.00	0.00
Precip Since Midnight (in)	0.00	_	0.00	0.00	0.00
Downwelling Shortwave (BTU/hr*ft^2)	139	115	178	163	204
windchill (deg-C)	10.5	12.2	11.6	11.2	11.0
NOTE: III I					

NOTE: All times are reported in Mountain Standard Time (MST).



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- Los Alamo	os m	LOS ALAM	OS NATIONAL	LABORATO	RY (I	ANL)			
Market (1931)	· · · · · ·	VISIBLE EMIS	SION OBSERV			UNU				
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Type of Source	01 4	Type of Control		1 1	Ø	Ø	0	Ø		
Aspect	PIQUI		ouse	2	0	Ø	Ø	Ø		
Bugh	ion Point (Top of s	RICK, etc.)		3		6	Ø			
Height Above G	iround Level	Height Relative to		1	Ø		4	Ø		
33		27	Feet	4	0	0	Ø	\$		
Distance From C		Direction of Source	*	5	ď	1	15	Ø		
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Description of P	hune (stack exit o rapping - DLoopi	nly) ne OEanne C	Cening	6	Ø	Ø	Ø	<i>(</i>)		
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	ound (i.e. blue sla	r, trees, etc.)		92		基型				
Blue				10.00		(B)			医溶肿瘤	
Background Cole	or	Sky Conditions		15						azazalda Gilialda
Wind Speed	Wind Der	ection		SASHORIUS DATE OF SARK	WINES.	Contract of				ide (g
15-20 =		tomito, i.e. from Nor		14.7			4			
		my Sought	n	15			W.Y.E.			
Ambient Temper	rature =	Relative Humidity	9/4	。在自然会和各种知识的意思		Carriera Carriera	introdu.	GASAII K*Oman		1000
2 <u>7</u>	-	32	7.	16					吸引抑制	12.05
Additional Cenu	nents/Information	;		17			2.5		de auces	Triestly
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Table Summaries Page 1 of 1

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The table below provides a snapshot of current conditions at each tower location. Wind variables are measured at 11 meters above the ground (36 meters at PJMT) and the atmospheric state variables (temperature, humidity, and pressure) are measured at 1.2 meters above the ground (2 meters at PJMT).

Other Text Summaries Available: 15-Minute Short Summary (English)

Current Observations:			E	English	Metric
Tower (tower)	TA6	TA41	TA49	TA53	TA54
Date (mm/dd)	04/08	04/08	04/08	04/08	04/08
Time (hhmm)	0815	0815	0815	0815	0815
Wind Speed (mph)	16.1	7.2	14.8	22.8	15.0
Wind Direction (deg)	226	317	204	208	214
Max Gust (mph)	34.0	15.2	26.8	38.7	25.1
Max Gust Direction (deg)	220	317	206	208	204
Time of Max Gust (hhmm)	800	815	800	815	745
Temperature (deg-F)	54.3	56.8	54.5	54.0	55.9
Max Temp Since Midnight (deg-F)	54.3	56.8	54.5	54.0	55.9
Time of Max Temp (hhmm)	815	815	815	815	815
Min Temp Since Midnight (deg-F)	44.2	38.1	45.5	48.0	42.1
Time of Min Temp (hhmm)	315	130	115	615	115
Pressure (mb)	770.5	-	_	-	795.2
Relative Humidity (%)	32	-	26	30	24
Dew Point Temperature (deg-F)	25.3	-	21.2	23.5	19.9
Precip Last 15 Minutes (in)	0.00	-	0.00	0.00	0.00
Precip Since Midnight (in)	0.00	-	0.00	0.00	0.00
Downwelling Shortwave (BTU/hr*ft^2)	168	165	153	169	139
windchill (deg-C)	10.0	13.0	10.3	9.1	11.3

NOTE: All times are reported in Mountain Standard Time (MST).



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- Los Alamos	LOS ALAMOS NATIONAI	L	ABORATOR	XY (L	$TN\Gamma$)		
The prints distance failure of the country Secure	VISIBLE EMISSION OBSERV	LA.			IINU	TE)		
Source Name:	o ()	71	Observation Da	îê		Starr		End Time
TA 60 Asphalt	Batch Plant		5/6/1	5		9	:56	10:02
Source Location:		71	Sec					
TA 60-23		-11	Mie	0	15	30	45	Comments
Type of Source	Type of Control Equipment	71	1	(1)	Ø	Ø	0	
Asphalt Plant	Baa House	lŀ						<u> </u>
Describe Emission Point (Top o	stack, etc.)	7	2	Ø	Ø	Ø	Ø	
Baghouse St	rack	П	3	Ø	æs	15	45	***************************************
Height Above Ground Level	Height Relative to Observer	-11	· · · · · · · · · · · · · · · · · · ·	3	Ø	Ø	0	
33 Feet	27 Feet	Н	4	Ø	Ø	Ø	0	
Distance From Observer	Direction of Source From Observer	1	5	· ·				
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Ambient Temperature	Relative Humidity	- 1	1.7		- 20.52			albali di ili ili ili ili ili ili ili ili il
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Date: Wednesday, May 06, 2015 | Time: 10:27 MDT (16:27 UTC) | Time Note

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The table below provides a snapshot of current conditions at each tower location. Wind variables are measured at 11 meters above the ground (36 meters at PJMT) and the atmospheric state variables (temperature, humidity, and pressure) are measured at 1.2 meters above the ground (2 meters at PJMT).

Other Text Summaries Available: 15-Minute Short Summary (English)

Current Observations:			E	English	Metric
Tower (tower)	TA6	TA41	TA49	TA53	TA54
Date (mm/dd)	05/06	05/06	05/06	05/06	05/06
Time (hhmm)	0915	0915	0915	0915	0915
Wind Speed (mph)	8.5	1.3	7.8	5.1	4.7
Wind Direction (deg)	279	241	207	281	234
Max Gust (mph)	21.3	6.9	17.0	17.2	17.2
Max Gust Direction (deg)	279	74	174	196	205
Time of Max Gust (hhmm)	915	800	145	245	215
Temperature (deg-F)	52.5	53.2	55.6	54.9	56.8
Max Temp Since Midnight (deg-F)	52.5	53.2	55.6	54.9	56.8
Time of Max Temp (hhmm)	915	915	915	915	915
Min Temp Since Midnight (deg-F)	44.6	43.2	43.3	44.2	45.0
Time of Min Temp (hhmm)	600	300	545	345	500
Pressure (mb)	770.9	-	-	-	795.6
Relative Humidity (%)	60	-	53	57	55
Dew Point Temperature (deg-F)	39.4	ć, -	38.7	40.1	41.0
Precip Last 15 Minutes (in)	0.00	-	0.00	0.00	0.00
Precip Since Midnight (in)	0.00	-	0.00	0.00	0.00
Downwelling Shortwave (BTU/hr*ft^2)	110	75	210	279	158
windchill (deg-C)	9.8	11.8	11.9	12.1	13.6

NOTE: All times are reported in Mountain Standard Time (MST).





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ATTACHMENT A607.E.

Asphalt Plant

Daily Operation Log and 12-Month Rolling Production

2015 TA-60 BDM Asphalt Plant	M Asph	alt Plant			Data Reviewe	Data Reviewed By / Date: Margie Stockton/July 10, 2015	argie Stockte	on/July 10,	2015	
		Data Entry			Data Entry			Annua	Annual Hours	
		Asphalt	12-Month		Asphalt	12-Month				
Month		Produced (Tons)	Rolling Total	Month	Produced (Tons) Rolling Total	Rolling Total	Month	Hours	Month	Hours
January		31	533	July			Jan	5.2	Jul	
February		14	439	August			Feb	2.8	Aug	
March		25	452	September			Mar	12.2	Sep	
April		61	434	October			Apr	8.7	Oct	
May		32	397	November			May	3.9	Nov	
June		0	390	December			Jun	0.0	Dec	
6 mo. Total		195		6 mo. Total:	0		Total:	32.7	Total:	0.0
2015 Asphalt Produced (ed (Tons):	195	12-Month Roll	ing Production	12-Month Rolling Production Permit Limit is 6,000 Tons	3,000 Tons	Annual Total (to date):	II (to date):	32.7	Hours
							Hours	Hours are Limited to 4,380 per Year	to 4,380 p	er Year

Logistics Division-HERG Maintenance Operation Instruction Asphalt Plant Operations

Mar 2015			(cool lawing headings)	Γ	6031,6	John J	165/1.8	Saha V	105/10	2/227	0,7%	. 1 .	3		145/26	6.651.	2,1807	1001,0	3/16	7 7 7 7	27	101	127	7.5					
	Propage	Tank	(percent)																										
ADINGS	house	End	Time	┸	0.0	1_	_	9.40	1.20	12,27	0n:6	11.1	6/6	20.1	13.62	25.01	1.72	2011	10.07	77.0		577	7 1	37					T
URED R	Pressure Drop Across Baghouse	Ü	Pressure	3,50	21/4	13.60	2 00 00	M 255	41.39	2:2/	hE,E	3.10	5,36	250	3.80	03.6	2.10	765	2 28	2.40	3.20	م ا	200	M .					
OG (REO	ure Drop A	Start	Time	 \	975	24.6	1: 20	9:40	1:07	12:17	4:34	1:06	9:12	12.53	04:01	10.40	1/0	21,01	1:13	71.6	1.76	71.00	70.1						
RATING L	Pressi		Pressure	3:38	3:81	4:16	3.89	82.h	3.28	3,52	3:08	3,23	3,30	2.80	3:65	3:22	2:48		181	3 66	11	7.	2:13					1	
INT OPE	Haul Road	owepr? (check one)	Yes No		_							_										`						-	
HALT PLA	Number H	* 5		_	-	\	_	/	/,				-	- /	1		_	-	-		_	-	-	\vdash	20	7	-		
DAILY TA-60 ASPHALT PLANT OPERATING LOG (REQUIRED READINGS)	Asphalt	70		7	7	3	5	7	7	n	7	4	4	7	7	4	7	7	7	7	0	N	γ	K77 8%	X	V			
DAILY			Total (hrs.)	0.54	0.52	09.0	0.72	0.32	19.0	0.33	0.57	69.0	0.53	0.52	0.83	0.58	87.0	0.57	6.03	0.55	1.17	0.42	44.0	Г	12.24				
	Hours of Operation		End Time	72	9:38	9:59		7	36	1,45	7	7	J	1:12	1:09		1:38	,0	\Box		2:100m	9:25	1:25		onth				≯ 6
	Hou		Start Time	0	902	M	10	+	9,	7	+	+	1	15:41	14:14	1	1.09	9.52	12:58	9.12	1	7:00 Am	12:39		FOF M				
			_	2-15		-4-15		1		_	1	+	+	-	2	3-23-15/	_		3-24-15	51-57	30-15		-31-15	u	Tota				

Logistics Division-HERG Maintenance Operation Instruction Asphalt Plant Operations

Apr 2015

*			- 1	DAILY TA-60 ASP	HALT PI	ANT OP	PHALT PLANT OPERATING LOG (REQUIRED READINGS)	OG (REQ	UIRED RE	ADINGS		
	Ŷ	Hours of Operation	ation	Asphalt	Number of	Haul Road	d Presst	ure Drop /	Pressure Drop Across Baghouse	house	Propane	
				Produced (tons)	Truck Trips to	(check one)		Start		End	Tank Reading	Operator Name
	Start Time	End	Total (hrs.)		Plant	Yes No	Pressure	Time	Pressure	Time	(percent)	(coco caning neadings)
	8:4.3	9:30	84.0	8			3,27	6.17	31.00			- 1
1	12,30	1:01	0.62	5			3.20	20:00	2.10	20.0		405/10
	9:52	10,34	0.40	Ü				61.61	371	622		4001.0
4-8-15	1:04	1:35	0.57	B	\		200		- П - ч	07.07		4.1507
101	9.01	4:34	0.55	4	-		3.50	4.5	220	1,00		1
4-10-15		61:1	27.0	2			3,36	1.03		11,01		405/12
-	01.6	10:11	0.52	7	/		2.37	25.6	2.70	10.00		201.6
-	12:37	1.04	0.45	7			1277	17.60	_	10.00		45510
4-19-15	10:06	10:01	0.82	8				10.00	_	16,2/		625/16
4-19-10	11:31	12:07	0.60	1	-	-	270	11,501	2000	10.57		4e,5/1.c
_	4:34	85.6	0.40	n	Į,		757	9.77	2012	16.10		681.0
4-20-15	12,46	81:1	0.53	4			3.47	13,57	2,50	777		4631.0
4-21-15	8:55	82:6	0.85	4	-		3,44	9:17	2,27	0/2		4001.6
1-12-12	12:56	1:24	44.0	N			7.27	1.00	1000	000		600/6
4-22-15	10:27	01:11	0.72	1/2	,		2,57	18.39	1,00	5/1		4.50%
	,									12/2/		1601, 1
Nonth	101-61	4	89.8	19	15	-						
1			hrs	tons	trips							
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7					-							
1												
1												
1												
1												
											•	•

Maintenance Operation Instruction Asphalt Plant Operations Logistics Division-HERG

May 2015

May 2019		Operator Name (Person Taking Readings)		(211.0)	1 4	1	1001	1,00%	1002/20	1												
	Propane	Tank Reading	(percent)																			
ADINGS)	ponse	0	Time	930	01:11	80.01	91.6	1:00	00.01	12.59												
JIRED RE	cross Bag	End	Pressure	354	3,04	3.53	3,49	3:59	3:05	2,57												
og (REQL	Pressure Drop Across Baghouse	Ħ	Time	9.10	11:05	10.07	1		9.50	12:51												
ATING LO	Pressu	Start	Pressure	3145	2,35	3,67	3,55	00	882	308												
INT OPER	Haul Road	(check one)	Yes No														-					
HALT PL/	Number	Truck (/		/		/	\			1+	trips	,								
DAILY TA-60 ASPHALT PLANT OPERATING LOG (REQUIRED READINGS)	Asphalt	Produced (tons)		10	V	M	7	2	6	8		32	FANS									
DAILY			Total (hrs.)	0.83	0.63	0.57	87.0	0.42	0.60	0.28		3.85	hrs)}								
	Hours of Operation		d Time	4,47	11:25	0:20	8716	80!	10,73	(0)		721										
	Hour		irt Time	55	7	97		7	7	12,45		4 101	,									
				100	5-2-15 /	+		21-15		5-8-12 1		Monthi										

Logistics Division-HERG
Maintenance Operation Instruction
Asphalt Plant Operations

No Run

2015		Operator Name	(efilinge) Filing	page																
	Propane	Tank Reading	(percent)	1	3															
DAILY TA-60 ASPHALT PLANT OPERATING LOG (REQUIRED READINGS)	ss Baghouse	End	Pressure Time																	
LOG (REQUIR	Pressure Drop Across Baghouse	Start	Time										1							
ERATING	ad Pres		Pressure										_	1		4				
LANT OP	Number Haul Road	check one)	Yes No									L	$\frac{1}{1}$							
PHALT P	Number		Plant																	
TA-60 AS	Asphalt	Produced (tons)																-		
DAILY			End Time Total (hrs.)																	
	Hours of Operation								1											
	운		Start Time																	
			Date																	

ATTACHMENT A607.F.

Asphalt Plant

Maintenance Records

LANL Permit P100-R2 | Monitoring Period March-June 2015

Attachment A607.F. – Asphalt Plant Maintenance Records

Maintenance was not conducted during this monitoring period.

ATTACHMENT A607.G.

Asphalt Plant

Method 22 Opacity Reports

	National Laboratory nation of Fugitive Emissions Form
Location: TAGO AS Whalf Batch D	hut Observer Affiliation: DSESH-UIMS
Representative: C. Heintsche	Date of Inspection: 3/23/15
Sky Conditions: Partly Cloudy	Wind Direction: From South
Precipitation:	Wind Speed: 0-5 mph
Industry: National Lab	Process Unit: Fugitive Emissions
Sketch of Process Unit: Indicate: * observer position relative to source * potential emission and/or actual emission po * sun location BAG House	* wind direction
0 7	
Observations: Clock Time O	bservation period Accumulated Emission
d	uration (min:sec) Time(min:sec)
Begin <u>10:35</u>	
	\v:00 Ø
End Observation 10:45	
Notes:	
during the Method 22 inspection/observation period (wh minutes for all other LANL sources), a Method 9 visible	from outside air emission sources. If an emission is observed lich must be at least 6 minutes for the Asphalt Plant and 10 emission test may need to be performed.
SIGNATURE OF OBSERVER/INSPECTOR:	DATE:3/23/15

Lab Home | Phone | Search Date: Monday, March 23, 2015 | Time: 11:10 MDT (17:10 UTC) | Time Note »

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 ✓

LANL Observations > Table Summaries

The table below provides a snapshot of current conditions at each tower location. Wind variables are measured at 11 meters above the ground (36 meters at PJMT) and the atmospheric state variables (temperature, humidity, and pressure) are measured at 1.2 meters above the ground (2 meters at PJMT).

Other Text Summaries Available: 15-Minute Short Summary (English)

Current Observations:			E	English	Metric
Tower (tower)	TA6	TA41	TA49	TA53	TA54
Date (mm/dd)	03/23	03/23	03/23	03/23	03/23
Time (hhmm)	1000	1000	1000	1000	1000
Wind Speed (mph)	13.2	7.4	11.6	4.0	10.3
Wind Direction (deg)	278	261	239	117	198
Max Gust (mph)	30.2	15.0	23.5	25.3	16.3
Max Gust Direction (deg)	274	261	239	302	249
Time of Max Gust (hhmm)	945	1000	1000	215	30
Temperature (deg-F)	54.5	55.8	55.8	52.9	54.7
Max Temp Since Midnight (deg-F)	55.2	55.8	55.8	53.1	54.7
Time of Max Temp (hhmm)	945	1000	1000		1000
Min Temp Since Midnight (deg-F)	42.8	34.7	42.3	46.2	37.6
Time of Min Temp (hhmm)	645	345	630	745	400
Pressure (mb)	777.2	-	- "	-	801.9
Relative Humidity (%)	23		24	31	*
Dew Point Temperature (deg-F)	18.0	-	19.8	23.5	-9.8
Precip Last 15 Minutes (in)	0.00	-	0.00	0.00	0.00
Precip Since Midnight (in)	0.00	_	0.00	0.00	0.00
Downwelling Shortwave (BTU/hr*ft^2)	139	115	178	163	204
windchill (deg-C)	10.5	12.2	11.6	11.2	11.0
NOTE: III I					

NOTE: All times are reported in Mountain Standard Time (MST).



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Los Alamos National Laboratory METHOD 22 Visual Determination of Fugitive Emissions Form							
	Observer Affiliation: DSESH-UIMS						
Representative: C. Heintschel	Date of Inspection: 4/8/15						
Sky Conditions: Clear	Wind Direction: From South						
Precipitation: 🥩	Wind Speed: (5-20 mph						
Industry: National Lab	Process Unit: Fusitive Emissions						
Sketch of Process Unit: Indicate: * observer position relative to source * potential emission and/or actual emission points * sun location	* wind direction * North direction						
BAG House	North Direction						
A.	Wind Direction						
Observations:							
. Clock Time Observa	ntion period Accumulated Emission n (min:sec) Time(min:sec)						
): 00 Ø						
End Observation 9:05	<u> </u>						
Notes:							
This form is used to document fugitive visible emissions from during the Method 22 inspection/observation period (which muminutes for all other LANL sources), a Method 9 visible emission	est be at least 6 minutes for the Asphalt Plant and 10						
SIGNATURE OF OBSERVERINSPECTOR:	DATE: 4/8/15						

Table Summaries Page 1 of 1

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Date: Wednesday, April 08, 2015 | Time: 09:26 MDT (15:26 UTC) | Time Note

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LANL Observations > Table Summaries

The table below provides a snapshot of current conditions at each tower location. Wind variables are measured at 11 meters above the ground (36 meters at PJMT) and the atmospheric state variables (temperature, humidity, and pressure) are measured at 1.2 meters above the ground (2 meters at PJMT).

Other Text Summaries Available: 15-Minute Short Summary (English)

Current Observations:			E	English	Metric
Tower (tower)	TA6	TA41	TA49	TA53	TA54
Date (mm/dd)	04/08	04/08	04/08	04/08	04/08
Time (hhmm)	0815	0815	0815	0815	0815
Wind Speed (mph)	16.1	7.2	14.8	22.8	15.0
Wind Direction (deg)	226	317	204	208	214
Max Gust (mph)	34.0	15.2	26.8	38.7	25.1
Max Gust Direction (deg)	220	317	206	208	204
Time of Max Gust (hhmm)	800	815	800	815	745
Temperature (deg-F)	54.3	56.8	54.5	54.0	55.9
Max Temp Since Midnight (deg-F)	54.3	56.8	54.5	54.0	55.9
Time of Max Temp (hhmm)	815	815	815	815	815
Min Temp Since Midnight (deg-F)	44.2	38.1	45.5	48.0	42.1
Time of Min Temp (hhmm)	315	130	115	615	115
Pressure (mb)	770.5	-	_	-	795.2
Relative Humidity (%)	32	-	26	30	24
Dew Point Temperature (deg-F)	25.3	-	21.2	23.5	19.9
Precip Last 15 Minutes (in)	0.00	-	0.00	0.00	0.00
Precip Since Midnight (in)	0.00	-	0.00	0.00	0.00
Downwelling Shortwave (BTU/hr*ft^2)	168	165	153	169	139
windchill (deg-C)	10.0	13.0	10.3	9.1	11.3

NOTE: All times are reported in Mountain Standard Time (MST).



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Los Alamos National Laboratory METHOD 22 Visual Determination of Fugitive Emissions Form								
Location: TA 60 Asphalt Batch Plant	Observer Affiliation: DSESH-UIMS							
Representative: C. Heintschel	Date of Inspection: 5/6/15							
Sky Conditions: Partly Cloudy	Wind Direction: From NW							
Precipitation:	Wind Speed: 5 - 영 MPH							
Industry: National Lab	Process Unit: Fugitive Emissions							
Sketch of Process Unit: Indicate: * observer position relative to source * potential emission and/or actual emission points * sun location	* wind direction * North direction							
BAG House	North Direction Wind Direction							
4								
	ution period Accumulated Emission n (min:sec) Time(min:sec)							
Begin <u>9:45</u>								
);00 Ø							
End Observation 9:55								
Notes: This form is used to document fugitive visible emissions from during the Method 22 inspection/observation period (which me	ust be at least 6 minutes for the Asphalt Plant and 10							
minutes for all other LANL sources), a Method 9 visible emiss SIGNATURE OF OBSERVER/INSPECTOR:	DATE:							

V

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Date: Wednesday, May 06, 2015 | Time: 10:27 MDT (16:27 UTC) | Time Note

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✓ LANL Climatology

✓ Data Requests

LANL Observations > Table Summaries

The table below provides a snapshot of current conditions at each tower location. Wind variables are measured at 11 meters above the ground (36 meters at PJMT) and the atmospheric state variables (temperature, humidity, and pressure) are measured at 1.2 meters above the ground (2 meters at PJMT).

Other Text Summaries Available: 15-Minute Short Summary (English)

Current Observations:			E	English	Metric
Tower (tower)	TA6	TA41	TA49	TA53	TA54
Date (mm/dd)	05/06	05/06	05/06	05/06	05/06
Time (hhmm)	0915	0915	0915	0915	0915
Wind Speed (mph)	8.5	1.3	7.8	5.1	4.7
Wind Direction (deg)	279	241	207	281	234
Max Gust (mph)	21.3	6.9	17.0	17.2	17.2
Max Gust Direction (deg)	279	74	174	196	205
Time of Max Gust (hhmm)	915	800	145	245	215
Temperature (deg-F)	52.5	53.2	55.6	54.9	56.8
Max Temp Since Midnight (deg-F)	52.5	53.2	55.6	54.9	56.8
Time of Max Temp (hhmm)	915	915	915	915	915
Min Temp Since Midnight (deg-F)	44.6	43.2	43.3	44.2	45.0
Time of Min Temp (hhmm)	600	300	545	345	500
Pressure (mb)	770.9	-	-	-	795.6
Relative Humidity (%)	60	-	53	57	55
Dew Point Temperature (deg-F)	39.4	ć, -	38.7	40.1	41.0
Precip Last 15 Minutes (in)	0.00	-	0.00	0.00	0.00
Precip Since Midnight (in)	0.00	-	0.00	0.00	0.00
Downwelling Shortwave (BTU/hr*ft^2)	110	75	210	279	158
windchill (deg-C)	9.8	11.8	11.9	12.1	13.6

NOTE: All times are reported in Mountain Standard Time (MST).





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ATTACHMENT A707.B.a.

Beryllium

TA-03-0066 Beryllium Logs

Semi-Annual Monitoring Report Sigma Facility TA-03-0066

January 1, 2015 - June 30, 2015

	Date	Number of Metallographic Specimens Used in the Polishing Operation
	2/6/2015	8
λ	2/24/2015	5
apl	6/16/2015	1
Metallography		
alle		
Met		
_		

Note: Information required under Title V Operating Permit P100-R2, Section A707.B, Emissions Monitoring Requirements and A707.D, Reporting Requirements

Semi-Annual Monitoring Report Sigma Facility TA-03-0066

January 1, 2015 - June 30, 2015

h.0	Date	Weight or Volume of Beryllium Samples Processed	UOM
Electroplating/Chemical Milling			
al N		No samples processed	
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Ш			

Note: Information required under Title V Operating Permit P100-R2, Section A707.B, Emissions Monitoring Requirements and A707.D, Reporting Requirements

Semi-Annual Monitoring Report Sigma Facility TA-03-0066

January 1, 2015 - June 30, 2015

	Date	Weight or Volume of Beryllium	UOM
		No samples processed	
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	Date	Weight or Volume of	UOM
		No samples processed	
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Arc Melting/Casting			

Note: Information required under Title V Operating Permit P100-R2, Section A707.B, Emissions Monitoring Requirements and A707.D, Reporting Requirements

ATTACHMENT A707.B.b.

Beryllium

TA-35-0213 Beryllium Operating Log

Beryllium Operating Log TA-35-213 March - June 2015

January		Febru	February			March April		March April May			y	Jun	е
Date	Hours	Date	Hours		Date	Hours		Date	Hours	Date	Hours	Date	Hours
					2-Mar	6		1-Apr	6	6-May	3	1-Jun	6-Jan
					3-Mar	7		2-Apr	7	7-May	4	2-Jun	5
					4-Mar	6		3-Apr	4	11-May	6	3-Jun	5
					5-Mar	4		7-Apr	4	12-May	7	4-Jun	4
					11-Mar	4		8-Apr	5	13-May	4	5-Jun	7
					12-Mar	6		9-Apr	7	14-May	7	8-Jun	6
					16-Mar	6		13-Apr	5	15-May	6	9-Jun	7
					17-Mar	6		14-Apr	6	18-May	7	10-Jun	7
					18-Mar	7		15-Apr	6	19-May	5	11-Jun	5
					19-Mar	6		16-Apr	7	20-May	4	12-Jun	6
					20-Mar	7		17-Apr	3	21-May	5	15-Jun	4
					23-Mar	5		21-Apr	5	26-May	3	18-Jun	4
					24-Mar	5		22-Apr	6	27-May	4	22-Jun	2
					25-Mar	6		27-Apr	3	28-May	3		
					26-Mar	6		28-Apr	6	29-May	2		
					30-Mar	7		30-Apr	6				
					31-Mar	5							
otal Hours	0		0			99			86		70		68

Sum Total of hours for March 1 - June 30, 2015: 323

ATTACHMENT A707.C.a.

Beryllium

TA-03-0141 Beryllium HEPA Filter Differential Pressure Readings

TA-03-0141 New Mexico State Report for March-2015

Í	EXHAL	JST_HEPA	_1_DP	EXHAL	JST_HEPA	_2_DP	Ţ	DUST_COLLECTOR_DP			
	04:00	12:00	20:00	04:00 12:00 20:00		04:00	12:00	20:00			
03/01/15	4.11	4.29	4.13	1.88	1.94	1.90		0.81	0.84	0.81	
03/02/15	4.14	4.28	4.32	1.89	1.95	1.95		0.81	0.87	0.90	
03/03/15	4.20	4.26	4.19	1.93	1.93	1.94		0.79	0.87	0.85	
03/04/15	4.13	4.21	4.22	1.88	1.93	1.94	. 1	0.77	0.88	0.89	
03/05/15	4.18	5.27	4.18	1.92	2.26	1.90		0.73	0.83	0.85	
03/06/15	4.16	4.25	4.20	1.89	1.93	1.90		0.81	1.03	0.89	
03/07/15	4.15	4.21	4.22	1.89	1.91	1.91		0.82	0.82	0.86	
03/08/15	4.19	4.24	4.28	1.90	1.92	1.94		0.81	0.85	0.85	
03/09/15	4.21	4.36	4.22	1.92	1.98	1.91		0.81	0.90	0.90	
03/10/15	4.15	4.28	4.21	1.89	1.95	1.91		0.83	0.90	0.89	
03/11/15	4.23	4.33	4.25	1.92	1.96	1.93		0.84	0.94	0.91	
03/12/15	4.23	4.34	4.25	1.92	1.95	1.94		0.87	0.90	0.92	
03/13/15	4.25	4.42	4.37	1.92	1.99	1.97		0.87	0.89	0.88	
03/14/15	4.28	4.38	4.27	1.94	1.96	1.94		0.84	0.86	0.86	
03/15/15	4.29	4.37	4.30	1.92	1.97	1.94		0.86	0.88	0.88	
03/16/15	4.29	4.42	4.49	1.94	1.99	2.01		0.85	1.09	0.92	
03/17/15	4.30	4.46	4.49	1.95	2.01	2.01		0.89	0.88	0.94	
03/18/15	4.34	4.61	4.34	1.95	2.06	1.95		0.87	0.92	0.87	
03/19/15	4.20	4.24	4.39	1.89	1.92	1.99		0.87	0.94	0.95	
03/20/15	4.24	4.34	4.42	1.92	1.95	1.99		0.83	0.89	0.96	
03/21/15	4.25	4.30	4.40	1.92	1.94	1.98		0.87	0.87	0.85	
03/22/15	4.25	4.34	4.25	1.92	1.94	1.91		0.91	0.89	0.88	
03/23/15	4.24	4.49	4.46	1.93	2.00	1.99		0.91	0.90	0.92	
03/24/15	4.45	4.31	4.40	1.99	1.94	1.97		0.82	0.94	0.91	
03/25/15	4.25	4.35	4.22	1.91	1.98	1.91		0.89	0.90	0.88	
03/26/15	4.18	4.30	4.28	1.88	1.95	1.93		0.84	0.88	0.91	
03/27/15	4.23	4.35	4.61	1.90	1.95	2.05		0.87	1.19	0.92	
03/28/15	4.40	4.29	4.41	1.96	1.92	1.97		0.86	0.93	0.92	
03/29/15	4.39	4.28	4.47	1.97	1.92	2.00		0.91	0.92	0.96	
03/30/15	4.29	4.55	4.56	1.92	2.04	2.03		0.91	1.22	0.94	
03/31/15	4.27	4.55	4.50	1.93	2.03	2.00		0.89	1.25	0.92	

TA-03-0141 New Mexico State Report for

March-2015

	EXHAUST_HEPA_1_DP	EXHAUST_HEPA_2_DP	DUST_COLLECTOR_DP
Average:	4.32	1.95	0.89
Median:	4.28	1.94	0.88
Min:	4.11	1.88	0.73
Max:	5.27	2.26	1.25

TA-03-0141 New Mexico State Report for April-2015

The state of the s	EXHAUST_HEPA_1_DP		EXHAUST_HEPA_2_DP			H	DUST_COLLECTOR_DP			
	04:00	12:00	20:00	04:00	12:00	20:00		04:00	12:00	20:00
04/01/15	4.40	4.65	4.76	1.96	2.07	2.10		0.88	1.23	0.91
04/02/15	4.54	4.74	4.42	2.02	2.09	1.98		0.87	0.90	0.89
04/03/15	4.37	4.40	4.32	1.97	1.99	1.94		0.83	1.09	0.94
04/04/15	4.34	4.40	4.32	1.94	1.97	1.94		0.85	0.83	0.86
04/05/15	4.29	4.51	4.40	1.94	2.00	1.97		0.89	0.91	0.90
04/06/15	4.39	4.45	4.61	1.96	2.00	2.04		0.85	1.06	0.92
04/07/15	4.39	4.51	4.53	1.96	2.00	2.02		0.87	0.99	0.95
04/08/15	4.39	4.78	4.52	1.95	2.11	2.01		0.92	1.19	0.93
04/09/15	4.35	4.50	4.39	1.95	2.01	1.97		0.85	0.93	0.92
04/10/15	4.46	4.60	4.42	1.99	2.05	1.97		0.85	0.91	0.89
04/11/15	4.41	4.48	4.46	1.97	2.00	1.99		0.84	0.88	0.90
04/12/15	4.45	4.50	4.52	1.98	2.00	2.03		0.86	0.88	0.89
04/13/15	4.48	4.72	4.51	2.00	2.08	2.01		0.85	1.11	0.94
04/14/15	4.44	4.72	4.46	1.99	2.09	1.99		0.84	1.14	0.89
04/15/15	4.45	4.67	4.45	1.98	2.06	2.00		0.84	0.89	0.90
04/16/15	4.48	4.62	4.58	2.00	2.05	2.05		0.85	0.86	0.84
04/17/15	4.39	4.56	4.48	1.98	2.03	2.00		0.78	1.27	0.89
04/18/15	4.42	4.54	4.43	1.98	2.02	2.00		0.82	0.79	0.81
04/19/15	4.47	4.57	4.50	2.00	2.03	2.01		0.77	0.82	0.84
04/20/15	4.48	3.15	4.78	2.01	1.51	2.10		0.82	0.85	0.92
04/21/15	4.45	3.16	4.70	1.99	1.50	2.06		0.86	1.12	0.94
04/22/15	4.49	4.82	4.44	2.01	2.12	1.98		0.89	0.90	0.88
04/23/15	4.38	4.54	4.72	1.96	2.03	2.10		0.83	0.97	0.93
04/24/15	4.46	4.62	4.75	1.98	2.05	2.09		0.86	0:86	0.87
04/25/15	4.41	4.55	4.50	1.98	2.02	1.99	6-b	0.86	0.83	0.87
04/26/15	4.49	4.56	4.50	1.99	2.02	2.02		0.81	0.79	0.85
04/27/15	4.41	4.56	4.65	1.98	2.03	2.07		0.80	0.85	0.89
04/28/15	4.73	4.90	4.71	2.09	2.15	2.07		0.79	0.79	0.77
04/29/15	4.77	4.82	4.80	2.08	2.12	2.10	0-1	0.72	0.83	0.80
04/30/15	4.72	4.79	4.81	2.09	2.10	2.11		0.77	0.77	0.89
05/01/15	4.48	4.79	4.81	1.99	2.10	2.10		0.73	0.86	0.88

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April-2015

	EXHAUST_HEPA_1_DP	EXHAUST_HEPA_2_DP	DUST_COLLECTOR_DP
Average:	4.51	2.01	0.89
Median:	4.50	2.00	0.87
Min:	3.15	1.50	0.72
Max:	4.90	2.15	1.27

TA-03-0141 New Mexico State Report for May-2015

	EXHAUST_HEPA_1_DP			EXHAL	EXHAUST_HEPA_2_DP			DUST_COLLECTOR_DP		
	04:00	12:00	20:00	04:00	12:00	20:00		04:00	12:00	20:00
05/01/15	4.48	4.79	4.81	1.99	2.10	2.10		0.73	0.86	0.88
05/02/15	4.88	4.87	4.67	2.13	2.12	2.05		0.80	0.89	0.75
05/03/15	4.84	4.81	4.72	2.12	2.10	2.07		0.78	0.81	0.74
05/04/15	4.55	4.83	4.78	2.01	2.13	2.11		0.79	0.97	0.78
05/05/15	4.65	4.87	4.87	2.04	2.15	2.13		0.71	0.93	0.76
05/06/15	4.63	4.86	4.97	2.07	2.14	2.15		0.76	0.75	0.78
05/07/15	4.65	5.00	4.75	2.04	2.19	2.10		0.73	0.80	0.82
05/08/15	4.66	4.85	4.87	2.06	2.13	2.14		0.72	1.06	0.84
05/09/15	4.69	4.71	4.76	2.07	2.08	2.10		0.73	0.72	0.69
05/10/15	4.87	4.79	4.75	2.13	2.11	2.09		0.71	0.74	0.79
05/11/15	4.80	5.06	4.69	2.10	2.20	2.07		0.74	1.08	0.80
05/12/15	4.68	4.76	4.73	2.07	2.11	2.07		0.72	0.77	0.81
05/13/15	4.66	4.89	4.73	2.07	2.15	2.08		0.72	0.77	0.80
05/14/15	4.68	4.66	4.65	2.07	2.06	2.06		0.74	0.77	0.81
05/15/15	4.77	4.83	4.78	2.10	2.12	2.10		0.79	0.79	0.73
05/16/15	4.62	4.81	4.80	2.05	2.12	2.11		0.62	0.80	0.80
05/17/15	4.71	4.98	4.67	2.08	2.18	2.06		0.80	0.88	0.76
05/18/15	4.66	4.77	4.47	2.06	2.10	1.99		0.76	0.83	0.75
05/19/15	4.75	4.63	4.69	2.10	2.08	2.07		0.74	0.83	0.73
05/20/15	4.63	4.61	4.66	2.05	2.03	2.06		0.74	0.80	0.83
05/21/15	4.69	4.66	4.56	2.06	2.07	2.04		0.78	0.77	0.73
05/22/15	4.57	4.77	4.69	2.04	2.11	2.08		0.67	0.80	0.79
05/23/15	4.68	4.62	4.63	2.06	2.05	2.06		0.81	0.79	0.70
05/24/15	4.54	4.60	4.72	2.03	2.04	2.08		0.69	0.76	0.72
05/25/15	4.60	4.79	4.64	2.03	2.10	2.06		0.68	0.83	0.74
05/26/15	4.61	4.66	4.65	2.03	2.08	2.05		0.74	0.76	0.86
05/27/15	4.65	4.79	4.69	2.05	2.10	2.07		0.76	0.82	0.88
05/28/15	4.54	4.71	4.72	2.02	2.09	2.08		0.75	0.84	0.90
05/29/15	4.72	4.67	4.67	2.09	2.07	2.07		0.76	0.80	0.87
05/30/15	4.43	4.65	4.65	1.98	2.05	2.04		0.75	0.77	0.89
05/31/15	4.68	4.63	4.50	2.07	2.05	1.98		0.76	0.86	0.93

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	EXHAUST_HEPA_1_DP	EXHAUST_HEPA_2_DP	DUST_COLLECTOR_DP
Average:	4.71	2.08	0.79
Median:	4.69	2.07	0.78
Min:	4.43	1.98	0.62
Max:	5.06	2.20	1.08

TA-03-0141 New Mexico State Report for June-2015

1	EXHAL	JST_HEPA	1 DP	EXHAL	JST_HEPA	2 DP	DU	JST_COLLECT	OR_DP
	04:00	12:00	20:00	04:00	12:00	20:00	04:0	00 12:00	20:00
06/01/15	4.42	4.62	4.48	1.96	2.05	1.99	0.7	8 0.90	0.96
06/02/15	4.37	4.70	4.53	1.94	2.06	1.99	0.7	9 0.94	1.00
06/03/15	4.97	4.55	4.52	2.15	2.01	2.00	0.8	8 0.92	1.00
06/04/15	4.50	4.55	4.46	1.98	2.01	1.98	0.8	5 0.98	0.92
06/05/15	4.49	4.58	4.48	1.98	2.04	1.99	0.8	0 0.89	0.90
06/06/15	4.42	4.57	4.51	1.96	2.02	2.02	0.7	7 0.88	0.89
06/07/15	4.44	4.59	4.49	1.96	2.02	1.99	0.7	7 0.92	0.87
06/08/15	4.46	4.57	4.56	1.97	2.02	2.01	0.7	9 0.93	1.04
06/09/15	4.48	5.05	4.46	1.98	2.18	1.98	0.8	5 0.94	0.94
06/10/15	4.38	4.48	4.34	1.96	1.99	1.95	0.8	1 0.94	0.87
06/11/15	4.23	4.40	4.63	1.91	1.97	2.06	0.7	9 0.91	0.87
06/12/15	4.24	4.45	4.41	1.90	1.99	1.98	0.7	4 0.86	0.95
06/13/15	4.25	4.38	4.28	1.92	1.97	1.92	0.7	7 0.74	0.76
06/14/15	4.09	4.34	4.36	1.86	1.95	1.96	0.7	5 0.82	0.89
06/15/15	4.12	4.30	4.36	1.87	1.94	1.96	0.7	3 0.90	0.97
06/16/15	4.26	4.38	4.29	1.92	1.95	1.94	0.7	9 0.92	0.97
06/17/15	4.19	4.41	4.40	1.91	1.97	1.97	0.7	8 0.98	1.06
06/18/15	4.21	4.38	4.38	1.91	1.97	1.96	0.8	7 1.01	1.06
06/19/15	4.28	4.42	4.35	1.93	1.97	1.95	0.8	8 1.00	1.10
06/20/15	4.09	4.33	4.38	1.87	1.95	1.96	0.8	9 0.97	1.15
06/21/15	4.29	4.40	4.46	1.93	1.96	1.99	0.9	6 1.10	1.23
06/22/15	4.30	4.41	4.53	1.93	1.98	2.01	1.0	0 1.09	1.17
06/23/15	4.30	4.47	4.41	1.93	1.99	1.97	0.9	7 1.09	1.10
06/24/15	4.34	4.49	4.49	1.95	1.99	2.01	0.9	0 0.99	1.08
06/25/15	4.28	4.48	4.49	1.94	1.99	2.01	0.9	0 1.01	1.09
06/26/15	4.36	4.50	4.29	1.96	2.01	1.93	0.9	2 0.99	1.05
06/27/15	4.36	4.42	4.28	1.93	1.95	1.90	0.8	8 0.97	0.91
06/28/15	4.27	4.36	4.39	1.90	1.93	1.93	0.8	2 0.96	0.97
06/29/15	4.22	4.34	4.32	1.89	1.92	1.92	0.8	4 0.98	1.01
06/30/15	4.20	4.36	4.45	1.88	1.95	1.95	0.8		1.13
07/01/15	4.26	4.37	4.44	1.91	1.94	1.97	0.8	8 0.94	1.05

TA-03-0141 New Mexico State Report for

June-2015

	EXHAUST_HEPA_1_DP	EXHAUST_HEPA_2_DP	DUST_COLLECTOR_DP
Average:	4.41	1.96	0.93
Median:	4.40	1.96	0.92
Min:	4.09	1.86	0.73
Max:	5.05	2.18	1.23

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

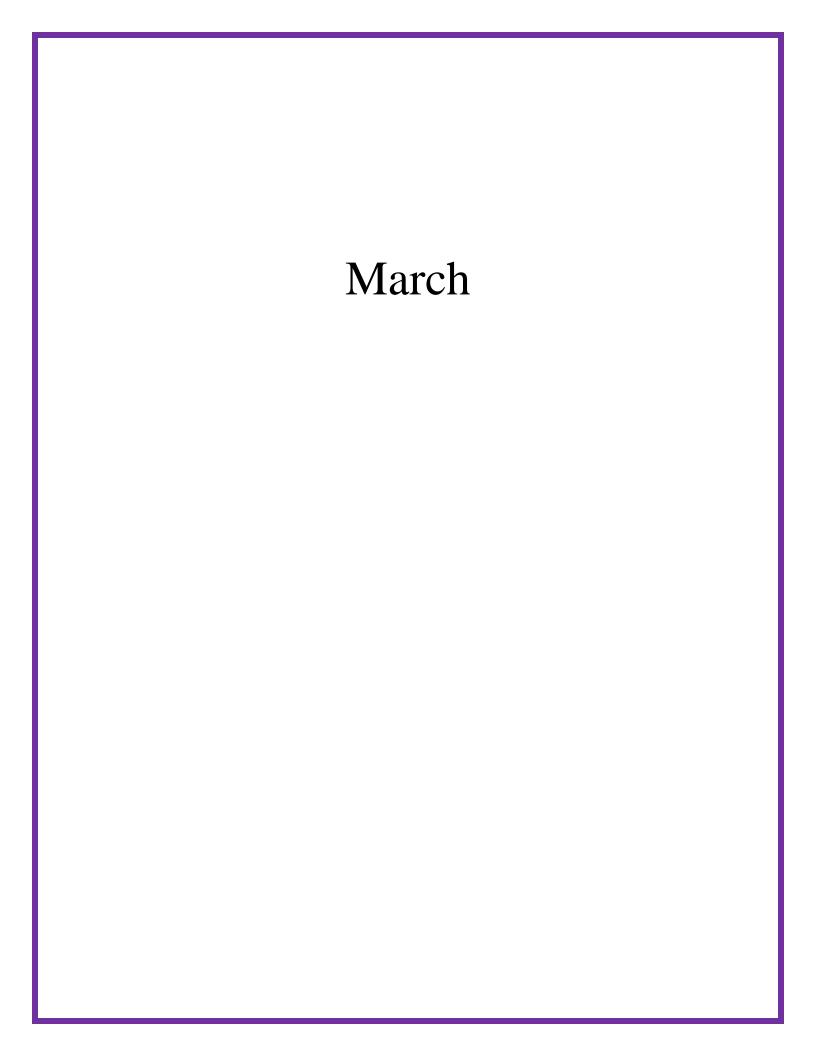
January – June.

months of

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	Connds	
Procedure no.:	TA 55-STP-0		-
Date of issue:	3/1/2015		
Working copy issued to:	BEYAN C	hance	
Working copy issued by:	JOHN Smel		
		Operations Center Oper	rator
Operations Genter Ope	rator Review	10000	·
Required Reading for this Surv	nature cillance has been completed.		Date
Fraining Checklist		Applicable Surveillan	oca Training Current
Workers Perform	ing Surveillance	Initials	Date
R. Bricoe		-13	3/1/2015
B. Chance		-503	个
D. Dunlavy	XU/	for	
A- Dunseith		-foj	2
J. Lovato		102	
P. Lur	<u> </u>	407-	
A- Ortiz		المل المل	
F-Suyser		1652	
J. Smeltz		102	<u>V</u>
R. Price		105	3/1/2018
Comments:			
	-	0.	

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

Training Checklist (continuation sheet)

Workers Performing Surveillance	Applicable Surveillance	Training Current
	Initials	Date
J. MARTINEZ	Jo	3/1/2015
N. Montoya	107	1
N. Montoga P. Trujello	407	
T. LANGWORTY R Hohner	Jo2	
R Hohner	407	<i>X</i>
Mr Irish	49	
A. Herrera	400	
H, Atencio	707	
A. Sanchez	452	V
B- FORDHAM	Jor	3/1/2015
<u> </u>		
74		

ATTACHMENT A: Per Shift Surveillance Rounds [UET]

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	4.1.1.3 4.1.2.3 ²				4.1.1.5 4.1.2.2 ²					4.1.1.1		SAS	20	whenever possible. Do alternate PDIs are used.	taken on n	
IRT Tunnel AP	South basement AP	North basement AP	IFIT Facility AP	400 area laboratory PDI-852-1 or header AP PDI-852-2	300 area laboratory PDI-853-1 or PDI-853-2	100 area laboratory header AP	200 area laboratory PDI-803-1 or header AP PDI-803-2	400 area glovebox exhaust header AP	300 area glovebox exhaust header AP	100 area glovebox exhaust header AP	200 area glovebox exhaust header AP	Description		whenever possible. Document if alternate PDIs are used.	taken on rack #4 in the OC.	Note
PDT-901 or PDI-901	PDI-854-1 or PDI-854-2	PDI-804-1 or PDI-804-2	PDI-865-4 or PDI-865-5	PDI-852-1 or PDI-852-2	PDI-853-1 or PDI-853-2	PDI-802-1 or PDI-802-2	PDI-803-1 or PDI-803-2	PDI-864-1 or PDI-864-2	PDI-870-1 or PDI-870-2	PDI-820-1 or PDI-820-2	PDI-814-1 or PDI-814-2	Gauge Acce				
< 0.00 in. wc	< 0.00 in. wc	< 0.00 in. wc	≤-0.05 in. wc	<-0.05 in. wc ¹	<-0.05 in. wc ¹	<-0.05 in. wc¹	<-0.05 in. wc	≤-1.0 in. wc¹	≤-1.0 in. wc¹	<-1.0 in. wc¹	≤-1.0 in. wc	Acceptance Criteria	Initials:	Shift:	Weekday:	Date:
														AM PM	Mon.	
							2	C						MA	Tue.	
						~						SO.		PM /	.0	
							i					SURVEI	-	AM PM	Wed.	
														M A		
			Q				_					ANCE (in. wc)		PM	Thu.	
		X										(in. wc)		AM	Fri.	
			_									LTS		PM		
						-								AM F	Sat.	
0,000	0,1	15 OG	و ره	رمري ا	Oct O	0,24	نخ	1,98	75.	16.1			4	PM AI		اما
87°.	0,00	5,	الا	B,	61. Of	22 120	81: 9:07	6-1-97	1.52		1,52,188		120	AM PM	Sun.	11/15

ATTACHMENT A: Per Shift Surveillance Rounds [UET] (Page 2 of 3)

		·			4.1.1.6	1				SRs	and local pk	FMT#151	using FCS screens	Danking 1
fan/ plenum	Vault re- circulation	plenum	400 area recirculation fan/	plenum	300 area re- circulation fan/	pienum	100 area re- circulation fan/	pienum	200 area re- circulation fan/	Description	and local plenum PDIs may be used if FCS is unavailable.	FMT#151,152,201LD	using FCS screens	Note
PDT-841 AP > .050	PDT-840 AP >,050 or	PDT-839 AP > .050	PDT-838 AP > .050	PDT-837 AP > .050	PDT-836 AP>.050	PDT-835 AP > .050	PDT-833 AP >,050	PDT-832 AP > .050	PDT-831 AP > .050	Readings	4			
	At least one fan/plenum is in	service	At least one fan/plenum is in	service	At least one fan/plenum is in	service	At least one fan/plenum is in	SCLAICE	At least one fan/plenum is in	Acceptance Criteria	Initials:	Shift:	Weekday:	Date:
Unsat Unsat Unsat Unsat Unsat	Sat	Unsat Unsat Unsat Unsat Unsat	Sat	Unsat Unsat Unsat Unsat Unsat	Sat	Unsat Unsat Unsat Unsat Unsat	Sat	Unsat	Sat			AM	Mon.	
Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat			PM	on.	
Unsat	Sat	∪nsat	Sat	Unsat	Sat	Unsat	Sat	Unsat Unsat Unsat Unsat Unsat	Sat			AM	Tue.	
Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat			PM	le.	
Jnsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	SURVEII Sat. / U		AM	Wed.	
	Sat		Sat		Sat		Sat		Sat	VEIL		PM	ed.	
Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	LANCE nsat. (cir		AM	Thu.	
Jusat	Sat	Jnsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	CE F		PM	ŗ.	
Jnsat	Sar	Jnsat	Sat	Jnsat	Sat	Unsat	Sat	Unsat	Sat	JRVEILLANCE RESULTS Sat. / Unsat. (circle one)	<u>-</u> .	AM	Fri.	
Jnsat	Sat	Jnsat	Sat	Jnsat	Sat	Jnsat	Sat	Unsat	Sat	e)		PM	·	
Jnsat	Sat	Jnsat	Sat	Jnsat (Sat	Unsat∫t	Sat	Unsat	Sat			AM	Sat.	
Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat	Sat	Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat	Sat	Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat	Sat (Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat	Sat	Unsat Unsat Unsat Unsat Unsat Unsat Unsat	Sat		1	PM	ıt.	
Jnsat		Jnsat		Jnsat	(E)	Jnsat (Jnsat	(E)		B	MA	Sun.	3/1/
Jnsat		Jnsat		Jnsat	Sar	Jnsat		Unsat	Sat		R	PM	n.	3

Surveillance Rounds ATTACHMENT A: Per Shift Surveillance Rounds [UET]

(Page 3 of 3)

923	0777 1923					7.												
											./			Completion Time	Complet			
Jasan (Sag		Sat Sat Sat Sat Sat Sat Sat Unsat Un	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Sat Sat Sat Sat Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	PDI-864-2 PDI-852-2 PDI-854-2 PDI-854-2 2 < PDI-854-2	PDI-864-2 PDI-852-2 PDI-854-2	400 Агса		
	Sat	Sat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat		PDI-870-2 PDI-853-2 PDI-854-2 PDI-854-2 PDI-854-2	PDI-870-2 PDI-853-2 PDI-854-2	300 Arca	and 400	
Unsat) Sign	at Unsat Uns	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Sat Sat Sat Sat Sat Sat Unsat Un	Sat Unsat	Sat Unsat		PDI-820-2 < PDI-802- 2 < PDI-804-2	PDI-820-2 PDI-802-2 PDI-804-2	100 Arca	< laboratory APs < basement APs for 100 Area areas 100, 200, 300	4.1.1.4
Unsat	Unsat	Sat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	Sat Sat Sat Sat Sat Sat Unsat	Sat Unsat	Sat Unsat		PDI-814-2 PDI-803-2 PDI-804-2 PDI-804-2	PDI-814-2 PDI-803-2 PDI-804-2	200 Arca	Glovebox exhaust	
	, (TS	ESUL e one)	ALLANCE RESULTS / Unsat. (circle one)	LLAN Unsat	SURVEI Sat. / I	SU					Acceptance Criteria	Gauge	Area	Description	SRs
Sp.	B													Initials:				
14.1	MV	M	AM	Md	NA M	PM	ΛM	Ρĕ	>	Ž	≥	ž	≥	Shift:	mate	nt any alte	be used if necessary. Document any alternate	be used if no
Ē.	Sun.	ĬĬ.	Sat.	7.	Fri	Thu	<u> </u>	Wed.	¥	Tue		Mon.	3	Weekday:	ck #4 in	ken on ra I equivale	Gauge readings should be taken on rack #4 in the OC when possible, local PDI equivalents may	Gauge read the OC when
2	8													Date:		8	Note	
												(

Note: 1 Mode 2 acceptance criteria is < 0.00 in. we Note: 2 SRs 4.1.2.x only apply during mode 2 in accordance with LCO 3.1.2.

Completed by: Like Date 0301 & Time 1923 Reviewed by:

Comments:

On-class Supervisor Date: 3/4/15 Time: 1200

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 1 of 4)

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).

			4.4.1.1	SR				
	(LCD Reading) (LED Reading)	(DET-305-3) – (CP-305H)	CP-305-H (LED Reading)	Check DET-305-3 (LCD Reading)			٠	
Completion Time:	≥ -0.1; ≤+0.1	Record Calculated Value		NA	Acceptance Criteria	Initials:	Weekday:	Date:
	Sat. / Unsat.			5>			Mon.	
	Sat. / Unsat.						Tue.	
	Sat. Unsat.				SURVEILLAN		Wed.	
+	Sat. / Unsat.			<u> </u>	CE RESULTS (percentage)		Thu.	
	Sat. / Unsat. Sat. / Unsat. Sat)/ Unsat.				(percentage)		Fri.	
	Sat. / Unsat.	S					Sat.	74
8416	Sat)/ Unsat.	0.0	0	0		74	Sun.	3-1-15

Surveillance Rounds ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side)[UET] (Page 2 of 4)

	į	-			4.1.3.4					Γ		4.1.3.4		4.1.5.4			4.1.3.4	SKS			
(FF859) AP		300 area special recovery glovebox		(FF855) AP	.4 300 area glovebox		(FF858) AP	exhaust filter plenum	1000		(FF854) AP		•		South Corridor supply (HVP-	(HVP-841) AP		Description			
PDI-821-4	PDI-821-3	PDI-821-1	PDI-818-5	PDI-818-4	PDI-818-2	1-818-1	PDI-819-4	m PDI-819-3	PDI-81 9-1	PDI-817-5	PDI-817-4	PDI-817-2	1-118-10d ₁	PDI-895-2	1-568-1Gd ₁	PDI-894-2	'PDI-894-1	n Gauge			
$\leq 2.0 \& > 0^1$ in. wc	$\leq 2.0 \& > 0^{1}$ in. wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	$\leq 2.0 \& > 0^1 \text{ in. wc}$	$\leq 2.0 \& > 0^{1} in. wc$	≤2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^{1} \text{ in, wc}$	≤2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^{1} \text{ in, wc}$	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^1$ (n. wc.	≤ 2.0 & > 0¹ in. wc	≤2.0 & >0\ in. wc	$\leq 2.0 \& > 0^1 \text{in. wc}$	Acceptance Criteria	Initials:	Weekday:	Date:
											9									Mon.	
							5	.(S											Tue	
					<		S								,			SURV		Wed.	
							,											SURVEILLANCE RESULTS (in. we)		Thu.	
							,											ESULTS		Fri.	
																				Sat	
38	143	Qh,	, 23	.25	30	.2G.	STBY	JAK	ake egine	StiBy	JEB1/	18.15	INSTANTA	\$8	306	55'	90,		a	Sun.	3/1/8

Surveillance Rounds ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET] (Page 3 of 4)

			4.1.1.7				41124	=			4.LJ.4	y 5		л-	4.13.4		S S	5		
	filter plenum (HVP-806) AP	300 area re-circulation		filter plenum	300 area re-circulation		filter plenum	South Basement exhaust		(FF857) AP	400 area glovebox			(FF856) AP	400 area glovebox		Description			
PDI-837-3	PDI-837-2	¹PDI-837-1	PDI-836-3	PD1-836-2	'PDI-836-1	PDI-830-3	PDI-830-2	IPDI-830-I	PDI-823—5	PDI-823-4	PDI-823-2	'PDI-823-1	PDI-822-5	PD1-822-4	PDI-822-2	¹PDI-822-1	Gauge			
$\leq 2.0 \& > 0^1$ in. wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^1 \text{ in. wc}$	$\leq 2.0 \& > 0^1 \text{ in. wc}$	$\leq 2.0 \& > 0^{1}$ in. wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^{1}$ in. wc	$\leq 2.0 \& > 0^{1}$ in. wc	$\leq 2.0 \& > 0^{1} \text{ in, wc}$	$\leq 2.0 \& > 0^1 \text{in, wc}$	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^{1} \text{ im. wc}$	≤2.0 & > 0 in. wc	$\leq 2.0 dc > 0^{1} in. wc$	Acceptance Criteria	Initials;	Weekday:	Date:
										?									Mon.	
						\$													Tue.	
,				•													SURVI		Wed.	
																	SURVEILLANCE RESULTS (in. wc)		Thu,	
											_						SULTS		Fri.	
																			Sat.	
38	940	550	53	58	86	29	22	.61	4	ر <u>ا</u> .	,39	Z	57.31	AT 31/	19.15	513/		2	Sun.	3/1/15

Surveillance Rounds ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 4 of 4)

			Dute:							3/1/15
			Weekday:	Mon.	Tuc.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials;							0
SRs	Description	Gauge	Acceptance Criteria			SURVI	SURVEILLANCE RESULTS (in. wc)	SILTIS		
	400 area re-circulation	1-828-10d ₁	$\leq 2.0 \text{ Åz} > 0^{1} \text{ in. wc}$							44
	filter plenum	2-828-1Cld	≤2.0 & > 0 in. wc							500
4.1.1.7	(11 (1 00 /) //)	PD1-838-3	$\leq 2.0 \text{ & } > 0^{1} \text{ in. wc}$:				ļ		<u>\</u>
	400 area re-circulation	1-658-IGd ₁	$\leq 2.0 \& > 0^{1} in. wc$			j		į		14
	fitter plenum	PDI-839-2	$\leq 2.0 \& > 0^1 \text{ in. wc}$							2
	(as a coop sa	PDI-839-3	$\leq 2.0 \& > 0^{1} \text{ in, wc}$							· ^ ·
	South Bleed off filter	PDI-810-1	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	3						2
#.1.J.	plenum (FF-822A) AP	PDI-810-2	$\leq 2.0 \& > 0^{1}$ in. wc							
		PDI-810-3	$\leq 2.0 \& > 0^{1} \text{ in. wc}$							
	South Bleed off filter	PD1-811-1	$\leq 2.0 \& > 0^1 \text{ in. wc}$							402
1.1.54	pleaum	PD1-811-2	$\leq 2.0 \& > 0^{1} \text{ in. wc}$		S					916
		PD1 -811 -3	≤2.0 & > 0³ in. wc							
			. Completion Time			<)			2
000	OC Operator Review and Page Count Complete (initials)	age Count Comp	lete (initials)							B
'Non TSR requirement:	ement:								1	Ì
Note: SR 4.1.1.7	Note: SR 4.1.1.7 applies during mode 1 as stated in LCO 3.1.1. SRs 4.1.3.X apply during mode 1 and mode 2 as stated in LCO	ated in LCO 3.1.1.	SRs 4.1 .3.X apply during	mode I and mo	de 2 as stated in	LCO 3.1.3.				
Completed by:	B	Date 7/115 Time 58/5	Reviewed by:	On-duty Supervisor	1	10:3/d/5 11	Date: 5/4/8 Time: 1290			
Comments			\							

Comments

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

(Page 1 of 4)

			71.17			4 Lu									4.1.1.7				SKG			
		plenum (FF-820B) ∆I'	North Bleed off filter		plenum (FF-820A) AP	North Blood off Giver		filter plenum (HVP-802) AP	200 area re-circulation		filter pleaum	200 area re-circulation		filter plenum	Vault re-circulation		filter plenum	Vault re-circulation	Description			
	PDI-809-3	PD1-809-2	¹PDI-809-1	PDI-807-3	PD1-807-2	PDI-807-1	PDI-832-3	PDI-832-2	¹ PDI-832-I	PDI-831-3	PDI-831-2	14D1-831-1	PD1-841-3	PDI-841-2	¹PDI-841-1	PDI-840-3	PDI-840-2	'PDI-840-1	Gauge			
	$\leq 2.0 \& > 0^1$ in. wc	$\leq 2.0 \& > 0^1 \text{ in, wc}$	≤2,0 & > 0 ¹ in. wc	≤2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	<2.0 & > 01 in. wc	≤2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^{1}$ in. wc	$\leq 2.0 \& > 0^{1}$ in. wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	<2.0 & > 01 in. wc	<2.0 & > 01 m, we	<2.0 & > 0 ^t in, wc	<2.0 & > 0 in1, wc	<2.0 & > 01 in. wc	Acceptance Criteria	Initials;	Weckday:	Date:			
		!														0.0					Mon.	
	į					,TP															Tue.	
								9											SURV		Wcd.	
řů.										÷									SURVEILLANCE RESULTS (in. we)		Thu.	
																			ESULTS		Fri.	
																		27			Sat.	
48		. 51	000	عريتر ت	0 F F	770	. 55	ه ما ر	.32	. 22	9 h .	. 32	. 50	. 50	. 42	5 T RY	V24.5	CYRV		27	Sun.	3-1-15

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

(Page 2 of 4)

		4.1.3.4	1:			4.1.3.4			_	2	4.1.1.7				4.1.3.4		SKs			
	exhaust filter plenum (FF853) AP	100 area glovebox			(FF852) AP	100 arca glovebox	3		filter plenum	100 area re-circulation	ŝ	filter plenum	100 area re-circulation		filter plenum (FF-828)	North Recoment exhaust	Description			
PDI-816-5	PDI-816-4	PDI-816-2	lpDI-816-1	PD1-815-5	PDI-815-4	PDI-815-2	19DI-815-1	PDI-835-3	PDI-835-2	PD1-835-1	PDI-833-3	PDI-833-2	1PD1-833-1	PDI-829-3	PDI-829-2	¹PD1-829-1	Gauge			
<2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^1 \text{ in. wc.}$	$\leq 2.0 \& > 0^{1}$ in. wc	$\leq 2.0 \& > 0^{1}$ in, wc	$\leq 2.0 \& > 0^{1}$ in. wc	≤2.0 & > 0¹ in. wc	$\leq 2.0 \& > 0^{1}$ in, we	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$- \le 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^{1}$ in. wc	≤2.0 & > 0¹ in. wc	$<2.0 \& > 0^{1}$ in. wc	<2.0 & > 01 m, wc	<2.0 & > 01 in. wc	<2 0 & > 0 in. wc	≤20 &>01 in. wc	Acceptance Criteria	Initials:	Weekday:	Date:
											\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		/						Mon.	
													¥.						Tuc.	
													33				SURV		Wcd.	
																*	SURVEILLANCE RESULTS (in, wc)		Thu.	
							:										ESULTS		Fn.	
			=															8	Sat.	
. ч 2	ا لا	٠ ٢٠	٠, ١	57BY	STRV	CTRV	STRV	۰ 40	. 42	513	۲۳.	. 47	>1.0	.30	. N	714		25	Sun.	3-1-15

Surveillance Rounds (PF-4 North Side) [UET]

(Page 3 of 4)

		1 1 1		11111	- - - -				1 1 3 1							Sks			
	(HVP-863) AP	filter plenum			IFIT exhaust filter plenum				(FF851) AP	200 area glovebox				(FF850) AP	200 area glovebox	Description			
	PD1-863-2	PD1-863-1	PDI-865-3	PDI-865-2	1-865-1	PDI-813-5	PDI-813-4	PDI-813-3	PDI-813-2	¹PD1-813-1	PDI-812-5	PDI-812-4	PDI-812-3	PDI-812-2	'PDI-812-1	Sange			
	<2.0 & >0 in. wc	≤2.0 & > 01 in. wc	≤2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^{1}$ in. wc	≤2.0 & > 0¹ in. wc	$\leq 2.0 \& > 0^{1}$ in. wc	$\leq 2.0 \& > 0^{1}$ in. wc	$\leq 2.0 \& > 0^1$ in. wc	$\leq 2.0 \& > 0^1 \text{in. wc}$	$\leq 2.0 \& > 0^1 \text{ in. wc}$	≤2.0 & 01 in. wc	<2.0 & > 01 m, wc	<2.0 & 01 in. wc	$\approx 2.0 & > 0^3 \text{ in. wc}$	Acceptance Criteria	Initials:	Weekday:	Date:
			!					5										Mon.	32
		90.																Tue.	825
	~															SURVE		Wed.	
																SURVEILLANCE RESULTS (in. wc)		Thu.	
į								i								SULTS		Fn.	
		75																Sat.	
23	. 2/6	. 06	۱4 -	25,	10.	176	3	. 2 9	.30	1.07	57.87	STBY	STBY	とナル	5780		PT	Sun.	3-1-15

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

(Page 4 of 4)

				(4 to 4 oge 1)	77)					
			Date:							3-1-15
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fn.	Sat.	Sun.
			Initials:					j		77
SRs	Description	Gauge	Acceptance Criteria			SURV	SURVEILLANCE RESULTS	STIUS		
	North Basement supply	PDI-857-1	≥ 2.0 & > 01 in. wc							3
4.1.3.4	(IIVP-840) AP	PDI-857-2	<2 (1 & > 0 m. wc							
4.1.3.4	North corridor supply	1-958-10d	<2 0 & > 0 in. we							7
ß	(HVP-809) ∆P	PD1-856-2	<2.0 & > 01 in, wc		_	į				2 6
ANi	Combustible exclusion area around basement exhaust fans FE828, FE829 and bleed-off fans FE820A, FE822B, FE822A, FE822B, FE822C		0 lb/ft² combustibles in designated exclusion area (within 15 feet of fans)							SAT
4322	Rooms 201, 204, 206, & 207		0 lb/ft² combustibles within 3.5 feet							
-			perpendicular from the face of the PMMA, the width of the aisles							
			up to the walls of the rooms, whichever is less		د(597
			Completion time					,) (A) (A) (A) (A) (A) (A) (A) (A) (A) (A
	OC Operator Rev	iew and Page Co	OC Operator Review and Page Count Complete (initials)	i	į					
Note: SR 4.1 Completed b	Note: SR 4.1.3.4 applies during mode 1 and mode 2. Completed by: Comments: Comments	l and mode 2.	<u>のまん</u> Reviewed by		On-duty Supervisor	Date: 5/6/2-Time:	Time: 7200			

ATTACHMENT C: Non-PF-4 Daily Surveillance Rounds [UET]

		матес	M&TE Calibrated Data				ŀ		
ş	PI-10 Thermometer File No.: 056	1.01-1d 7/2650	PF-10 Thermistor File No.:	10: 0422	55%	V-701 Th	V-701 Thermistor File No.:		M12520
Record September	Calibration Expiration Date:	O6/17/15 Calibratic	Calibration Expiration Date:	Ile:	12/12	Calibration	Calibration Expiration Date:		21/12
through April only	PF-11 Thermometer File No.	042252 PI-11-11	PF-11 Thermistor File No.:		0 6373	V-704 The	V-704 Thermistor File No.:		10372
	Calibration Expiration Date:	17/18 Calibratio	Calibration Expiration Date:	In: 06/	2/1/	Culibration	Calibration Expiration Date:	<u> </u>	
				000				100/	3119
	PF-10 & PF-11 Pumpho	PF-10 & PF-11 Pumphouse Room Temperature and V-701 & V-704 Fire Water Storage Tank Temperature	d V-701 & V-704	Fire Water S	torage Tank Te	mperature			
•		Date:							7/1/2
Daily (So	Daily (September through April only)	Weekday:	Mon.	Tue.	Wed.	Thu.	Fi.	Sat.	Sun.
		Initiats:							B
SR Description		Acceptance Criteria		,					
NA ENSURE A	ENSURE M&TE Calibration Data above is recorded and calibration dates have not clapsed.	Calibration dates have not elapsed.	SATVUNSAT	SAT /UNSAT	SAT AINSAT	SAT/UNSAT	SAT/UNSAT	SAT/UNSAT/	SATUNSAT
4.3.1.11 RECORD	RECORD fire water storage tank V-701 temperature	≥ 42.1 F							47
4.3.1.1' RECORD I	RECORD fire water storage tank V-704 temperature	≥ 42.1 F							101
43.1.31 RECORD I	RECORD PI-10 room temperature	≥ 50.1 F							2.52
4.3.1.31 RECORD I	RECORD PF-11 room temperature	≥ 50.1 F							1
		Completion Time:							25/20
	OC Operator Review and Page Count Complete (initials)	ount Complete (initials)							\$
Temperatures	chould be received using Defermandes							85	
e a maria di la c	compensation of the Model 1524 connected to Thermistor Probe Fluke Model 5610-9 (or approved engineered equivalent).	nometer FLUKE Model I	524 connected t	o Thermistor	Probe Fluke	Model 5610-9	(or upproved	engineered e	quivalent).
Completed by:		Date	1/1/	٦	Time 25	36			

Reviewed by:
On-duty Supervisor

Date: 3/2/15

Time: / 200

Comments:

ATTACHMENT A: Per Shift Surveillance Rounds [UET] (Page 1 of 3)

	4.1.1.3 4.1.2.3 ²				4.1.1.5 4.1.1.5 4.1.2.2 ²				<i>31.0</i> 2	4.1.1.1 4.1.2.1 ²		SRs	CHOCK I KNOW	whenever	taken on)	
IRT Tunnel AP	South basement AP	North basement AP	IFIT Facility AP	400 area laboratory header AP	300 area laboratory header AP	100 area laboratory header AP	200 area laboratory header AP	400 area glovebox exhaust header AP	300 area glovebox exhaust header AP	100 area glovebox exhaust header AP	200 area glovebox exhaust header AP	Description	and tank t Dis are used.	whenever possible. Document if	Gauge readings should be taken on rack #4 in the OC.	Note	
PDT-901 or PDI-901	PDI-854-1 or PDI-854-2	PDI-804-1 or PDI-804-2	PDI-865-4 or PDI-865-5	PDI-852-1 or PDI-852-2	PDI-853-1 or PDI-853-2	PDI-802-1 or PDI-802-2	PDI-803-1 or PDI-803-2	PDI-864-1 or PDI-864-2	PDI-870-1 or PDI-870-2	PDI-820-1 or PDI-820-2	PDI-814-1 or PDI-814-2	Gauge Accel					
< 0.00 in. wc	< 0.00 in. wc	< 0.00 in. wc	≤-0.05 in. wc	≤-0.05 in. wc¹	≤-0.05 in. wc¹	≤-0.05 in. wc¹	≤-0.05 in. wc¹	≤-1.0 in. wc¹	≤-1.0 in. wc¹	≤1.0 in. wc¹	≤-1.0 in. wc¹	Acceptance Criteria	Initials:	Shift:	Weekday:	Date:	
18-	20-	Les	; b(:	-23	12:	03.	. M.	-1.97	- qel	i e	1.96		2	AM -	Mon.	3/2/15	
نې	, So.	ا محورًا	.\.	-, 3	or,) j	`e>	11. Co. 11	200	196	1.00		2005	PM A		٦)	
1.	11:	a/: 0	19 719	12: UE:	رو درو	21 -22	19 - 19	97		1.87 -1.87	-1.94 -1.		7	AM PM	Tue.	12/19	
-010 801-			10,19	2 0.2	000	1,0,1	10,09	15/161	95/367-	47,772	-1.93 1.97	SO	181		S	7	
7107	-10	.10	19	.72	(12.	in	81:	198	181-	-1.42	751-	SURVEIL	20/	AM PM	Wed.	Het	1
(80)				عال		16%	719			142	-1.18		B	AM	Thu.	3/5	
210	1		6	Nil.	97		- 18/	57	31-1-17-1	761-761-	-196	(CE F	Ri	PM	u.	え	
107- 169 - 170- MO	07	-06	75	α.	1/20		-18	1.77	178	192	-/96	LÀNCE RESULTS (in. wc)	K	AM PM	Fri.	19/4	1
. [07]	-,0807	-07	5/2	22	12	- 16 -	- 19	196-108	Sh-1867-	-1,92-191	195-146	LTS	P		ı.	7	
		10,7	1-1-2	22-	02,-	12-		_		191	146		7	AM PM	Sat.	3/1/15	
076	80%		9		-19	ي	- 18	-197 -198	85.1-86/	22/20/12	921-121-		P				
280- 520- 940-	- 90:	1	- 11:	- 67:	- 17	2,2				122			٦	AM PM	Sun.	3/8/5	
280	20,	200	7	7	06:	-,21	-16	-1.97	121-	-1,92	1.91		θ	PM	٠.	٦	

ATTACHMENT A: Per Shift Surveillance Rounds [UET] (Page 2 of 3)

			4.1.1.6			SRs	and local pl be used if F	FMT#15	Readings should b	
	Vault recirculation fan/ plenum	400 area recirculation fan/	300 area re- circulation fan/ plenum	100 area re- circulation fan/ plenum	200 area re- circulation fan/ plenum	Description	and 2021.D. Field vertication and local plenum PDIs may be used if FCS is unavailable.	FMT#151,152,201LD	Readings should be taken using FCS screens	Note
	PDT-840 AP > .050 or FR-812 Icon red and PDT-841 AP > .050	FR-807 Icon red and PDT-838 AP > .050 or FR-808 Icon red and PDT-839 AP > .050	FR-805 Icon red and PDT-836 AP > .050 or FR-806 Icon red and PDT-837 AP > .050	FR-803 Icon red and PD1-833 AP > .050 or FR-804 Icon red and PD1-835 AP > .050	I'R-801 loon red and I'DT-831 \text{\tint{\text{\tint{\text{\tin\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\texit{\tex{\texi}\text{\texi{\texi{\texi{\texi{\texi{\texi{\texi{\texi{\texi{\texi{\texi{\texi{\texi{\texi{\texi{\texi{\texi{\texi{\t	Readings	1			
	At least one fan/plenum is in service	At least one fan/plenum is in service	At least one fan/plenum is in service	At least one fan/plenum is in service	At least one fan/plenum is in service	Acceptance Criteria	Initials:	Shift:	Weekday:	Date:
	Sat Sat Unsat Unsat	Sat Sat Unsat Unsat	Sat Sat Unsat Unsat	Sat Sat Unsat Unsat	Sat Sat Unsai		M. 980	AM PM	Mon.	3/2/15
	Sgr Say	Sat) (Sat) Unsat Unsat	Say Say Unsat Unsa	Sat Say Unsat Unsa	Sat Sat Unsat Unsa		A M	AM PM	Tue.	15 3/2/12
	Sat Sat Sat Say Say Sal Sal	Sat Sat Sat Sat Say Sat Unsat	Sat Sat Say Say Say Dan Unsat Unsat Unsat Unsat Unsat Unsat	(Sat Sat Sat Sat Sat Can Unsat	Sat Sat Sat Sat Sat May And Unsat	SURVEII Sat./I	18	AM PM	Wed.	3/4//
-		Sat			_		2/ 80	1 AM PM	Thu.	2/5/15
-	Sat Sat	(Sat) (Sat)	(Sa) (Sa)	Sat Sat Unsat Unsat	Sat Unsat Unsat	LANCE RESULTS Insat. (circle one)	n P	1 AM PM	Fri.	3/10/18
-	Say Say	(Sat) (Sat)	(Sa) (Sa)	(Sa) (Sat)	Sat Sap	S	2 2	4 AM PM	Sat.	, 37/15
	Sat Sat Sat Sat Sat Sat Sat Sat Unsat Unsa	(Sat) (Sat) (Sat) (Sat) (Sat) (Sat) (Sat) Unsat	Sat Sat Sat Say Say Say Say Unsat Un	Sat Sab Sat Sat Sat Sat Sat Unsat Un	Sat Sat Sat Sat Sat Sat Sat Sat Unsat Unsa		7	1 AM PM	Sun.	3/8/15

ATTACHMENT A: Per Shift Surveillance Rounds [UET]

the OC when possible, local PDI equivalents may Gauge readings should be taken on rack #4 in be used if necessary. Document any alternate 4.1.1.4 SRs < basement APs for areas 100, 200, 300 < laboratory APs Glovebox exhaust Description header APs and 400 400 Arca 300 Arca 100 Area 200 Area Area PDI-870-2 PDI-853-2 PDI-854-2 PDI-864-2 PDI-852-2 PDI-854-2 PDI-854-2 PDI-854-2 PDI-814-2 PDI-803-2 PDI-820-2 PDI-802-2 PDI-820-2 PDI-802-PDI-804-2 2 < PDI-804-2 Gauge PDI-804-2 Completion Time PDI-870-2 < PDI-853-2 < PDI-854-2 PDI-814-2 < PDI-803-2 < PDI-804-2 Acceptance Criteria Weekday: Initials: Shin: Date: Unsat Unsat Unsat Unsat Unsat | Unsat Unsat Unsat Unsat | Unsa Unsat Unsat Unsat Unsat Unsat Unsat Sat Sat Sat (Sat) Sat Unsat Un SE SE Sax ₹ 72/2 Mon. (Page 3 of 3) 193E Sar Sar (Sar Sat Sat Q B ž 1640 Sar Sat ≥ 8 Jue. Say Sár (Sat ž 3 920 (Sax 100 <u>×</u> SURVEILLANCE RESULTS Wcd. 225 Sat. / Unsat. (circle one) Sar Unsat | Unsat | Unsat | Unsat | Unsat Sal Sat) Sat B ž 1270 Unsat | Unsat | Unsat | Unsat 级 TES. Sap (Sa) Sar (Sar) ≥ nuL Sat Sal R ž 950 Cab 8 Sal Sat <u>2</u> <u>2</u> <u>7</u>21 Sat Sat 5 ≥ ₹. 1570 0731 Sat Sat Sal ž Sar Unsat Unsat Unsat Unsat Unsat Sat Sg. Sa. 3 7 Sat 1930 Unsat (Sát) Sac Sai Sor Z 200 Sa (Sat Unsat Unsat 2 (3) 2 2,8 Sun 1536 Sat Sar Sag Sat . N:1

Vote: 2	Vote:
SRs 4.1	Mode:
.2.x only a	2 acceptar
pply durin	Note: 1 Mode 2 acceptance criteria is < 0.00 in. wc
g mode 2 i	1 is < 0.00
n accordance	in. wc
ie: 2 SRs 4.1.2.x only apply during mode 2 in accordance with LCO 3.1.2	•
<u>-</u> 2	

Date 3-845 Time 1930

Comments:

Completed by:

Reviewed by:

on-duty Supervisor

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 1 of 4)

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 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). storage cabinet. The gas concentration readout directly on the detector in the storage cabinet is compared with the gas concentration readout on

		Т.					,		_
				4.4.1.1	SR		٨		
		(LCD Reading) (LED Reading)	(DET-305-3) - (CP-305H)	CP-305-H (LED Reading)	Flammable Gas Channel Check DET-305-3 (LCD Reading)	Description / Gauge		,	
	Completion Time: 0759	≥-0.1; ≤+0.1	Record Calculated Value		N _A	Acceptance Criteria	Initials:	Weekday:	Date:
,		San / Unsat.	0.0	0.0	0		P.	Mon.	Date: 3/2/15 3/3/15
	0751	(Sa) / Unsat. (Sa) / Unsat.	0.0	0.0	20		HE	Tue.	3/3/15
	0820	Salvi Unsat.	0,0	9.0	0.0	SURVEILLANG	lm	Wed.	3/4/15
	0780 0810	Cgr. / Unsat. Sap / Unsat. Cgr. / Unsat. Cgr. / Unsat.	0.0	0.0	0.0	ICE RESULTS (percentage)	面	Thu.	3/5/15
	0180	Say/ Unsat.		0.0	0,0	(percentage	li,	Fri.	3/6/15
	09×1	Sar. / Unsat.		Ø.&	B		Var burg)	Sat.	
	4.080	(Sa). / Unsat.	Ø Ø	S.	CA CS		£1	Sun.	BADE O SORVE

Surveillance Rounds ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side)[UET]

(Page 2 of 4)

Γ			Τ_				Т							1		Т-		1	1		
	7.1.2077	- -			4.1.3.4			4.1				4.1.3.4			1 1		4.1.3.4	SRs			
(FF859) AP	exhaust filter plenum	300 area special recovery glovebox		(FF855) AP	300 area glovebox		(FF858) AP	exhaust filter plenum	300 area special		(FF854) AP	300 area glovebox		810) AP	South Corridor supply (HVP-	(HVP-841) AP	South basement	Description			
PDI-821-4	PDI-821-3	PDI-821-1	PDI-818-5	PDI-818-4	PDI-818-2	¹₽D1-818-1	PDI-819-4	PD1-81 9-3	PD1-81 9-1	PD1-817-5	PDI-817-4	PDI-817-2	PD1-817-1	PDI-895-2	1PDI-895-1	PD1-894-2	¹PD[-894-1	Gauge		Q.	W
≤2.0 & > 0 ¹ in. we	$\leq 2.0 \& > 0^{1}$ in. wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	≤2.0 & > 0 in. wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	$\leq 2.0 \& > 0^3 \text{ in. wc}$	$\leq 2.0 \text{ &} > 0^{1} \text{ in, wc}$	$\leq 2.0 \& > 0^{1}$ in. wc	$\leq 2.0 \& > 0^4$ in. wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^1 \text{ in. wc}$	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	≤2.0 & > 0 ¹ in. wc	≤2.0 & > 0¹ in, wc	≤2.0 & > 01 in, we	≤ 2.0 & > 0¹ in. wc	<20 & >0 in. wc	$\leq 2.0 \times > 0^1$ in. wc	Acceptance Criteria	Initials:	. Weekday:	Date:
. 39	.44	. 46	.28	. 30	. 30	.24	3784	7878	18.15	42.18	878Y	25.75	5784	.54	.04	.57	.04		单	Mon.	3/2/15
.40	94.	.40	.30	.37	.32	. 27	48.55	N845	क्षक्र	78.45	3737	87.8Y	आहर्	er 00	10.	52	.06		742	Tue.	3/3/15
.39	3	دي.	.73	.32	.3/	77	STBV	VE S	SAY	STRY	SYBY	S70 Y	STAV	.56	96	.52	.06	SURVI	Car	Wcd.	3/4/15
. 39	. 4×1	ats.	0	. 32	24	27	STRY	5784	3784	5784	5737	STOY	ST8Y	87 ·	.04	.53	.06	SURVEILLANCE RESULTS	15	Thu.	51/3/
38	.43	.40	7	:30	: 30	.23	1012	5701	57BV	NOLS	5787	STAY	484	,58	90.	.52	.06	SULTS	Ju	Fri.	3/6/15
.૩ષ્ટ	.43	39	<i></i> ₩ ,	. Ko	is,			AH.			SHB	Sthy	Shy	.77 &	.ot,	£3.	.මරු		Paral	Sat.	5/t4/20
98.	5H.	85.	果	38		re.	SHO	Stly	S. T.	SHOW	St	STOR	4012	ଧ	, <i>Ø</i> 6	S S S S S S S S S S S S S S S S S S S	. ØG		Markey	Sun.	Ø3/ % /5

Surveillance Rounds ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 3 of 4)

_			<u>_</u> _			,							,							
			4.1.1.7				4,1,3,4				4.1.3.4				4.1.3.4		SRs			
	filter pienum	300 area re-circulation	1	filter plenum	300 area re-circulation		filter plenum	South Basement exhaust		(FF857) AP	400 area glovebox			(FF856) AP	400 area glovebox		Description			
PDI-837-3	PDI-837-2	¹ PD1-837-1	PDI-836-3	PDI-836-2	'PDI-836-1	PDI-830-3	PDI-830-2	1PD1-830-1	PDI-823—5	PDI-823-4	PDI-823-2	¹PDI-823-I	PDI-822-5	PDI-822-4	PDI-822-2	¹PD1-822-1	Gauge			
≤2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^1 \text{ in. wc}$	≤2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	≤2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^3 \text{ in. wc}$	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	<2.0 & > 0¹ in. wc	≤2.0 & > 0¹ in, wc	≤2.0 & > 0 ¹ in, wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	$\leq 2.0 \& > 0^{1}$ in. wc	<2 0 & > 01 in. wo	<2.0 & >0 in. wc	<2.0 & > 0 in. wc	Acceptance Criteria	Initials:	Weekday:	Date:
. 38	.45	.40	15.	. 57	.96	.29	. 30	. 69	.42	.44	40	70.	578Y	7815	7873	3734		#	Mon.	3/2/15
36	. 40	-50	.56	. 57	.96	.29	. 30	. 69	HO	.He	.42	60.	अन्तर	3184	SES.	378		12	Tue.	3/3/15
نخ	.41	·so	.55	.56	.96	28	d	88	.48	.46	. 42	.09	5701	5713Y	5181	57.34	SURVI	dn	Wed.	3/4/15
.39	.40	01 0	.56	727	.97	. 29	- 30	.69	.49	.46	-42	60.	7878	424	4784	YELS	SURVEILLANCE RESULTS (in. wc)	AR.	Thu.	3/5/15
.38	, 4,	-50	.55	35.	.97	.28	-30	.69	.53	.40	.39	80-	5773 ¥	4675	5731	5731	SULTS	an	Fi	3/6/15
.37	. 480 800			.5S	, 9,7	. 28		,69,	£ (1)	નથ	, %	, 2 8,	StbV	Stby	Stay	Stby		1 Bury	Sut.	05/07/5
7.57	, P. 8	.50	20.	185	97	\$€.	30	8	が、	.400	38	27	计	(A)	SHox	SHE		7 (3)	Sun.	63/08/15

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 4 of 4)

		24	Date:	3/2/15	3/3/15	3/4/5	3/5/15	3/6/15	osydths	02)nc/15
			Weekday:	Mon.	Tue.	Wed.	Thu.	l'iri.	Sat.	Sun.
			Initials:	11≥	+13	gn	A)	lin	(Maral)	13 W
SRs	Description	Gauge	Acceptance Criteria			SURVE	SURVEILLANCE RESULTS (in. wc)	STTUS		
	400 area re-circulation	¹PDI-838-1	≤2.0 & > 0 in. we	.44	.44	.4%	.47	. 47	サナ	たれ
	filter plenum	PDI-838-2	$\leq 2.0 \text{ & > } 0^{1} \text{ m. wc}$. 55	. 25	.55	ਪ ਪ	.55	J L	נק
4.1.1.7		PDI-838-3	≤2.0 & >0' in, wc	.50	.5°0	.50	. £0	.50	50	Sign
	400 area re-circulation	¹PDI-839-I	≤2.0 & > 0¹ int. wc	42	-42	.42	. 42	, 42	D	. La
	filter plenum	PDI-839-2	$\leq 2.0 \& > 0^1 \text{ in. wc}$. \$7	56	.50	82.	.57		4 8
		PD1-839-3	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	5	-51	52	사 지	.52		٠ <u>۶</u>
<u>-</u>	South Bleed off filter	'PDI-810-1	$\leq 2.0 \& > 0^1 \text{ in. wc}$	DFA	OFF	0££	420		off	CAP
	plenum (FF-822A) AP	PDI-810-2	$\leq 2.0 \& > 0^{1}$ in. wc	220	OFT	off	056			0 1 7
		PDI-810-3	$\leq 2.0 \& > 0^1$ in. wc	のおが	0=7=	0F5	250			धर्मक व
	South Bleed off filter	1 - 118- 10d ₁	$\leq 2.0 \& > 0^{-1} \text{ in. wc}$	- 10	96		. //			
4.1.0.4	plenum	PDI -811 -2	$\leq 2.0 \& > 0^{1}$ in. wc	. 47	. 47	45	. 49	.48	44	*7
		PDI -811 -3	<2.0 & > 0 ¹ in, wc	.48	.47	47	84			14 14
			. Completion Time	ω 82	0800	c430	8270	.0835	P1879	838
000	OC Operator Review and Page Count Complete (initials)	ge Count Comp	lete (initials)	7	Rep.	2	600 1000	`		3
Non TSR requirement:	ment:			M	King Y	1/18		<i>X</i> €		
							•			

Note: SR 4.1.1.7 applies during mode 1 as stated in LCO 3.1.1. SRs 4.1.3.X apply during mode 1 and mode 2 as stated in LCO 3.1.3.

	Completed by:
	by: Michael Ivish Di
	Sh Date #5/16/15 Time #630
	Reviewed by:
Opeduty Supervisor	MAL

Comments

Date: 3/1/15 Time: 0730

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

(Page 1 of 4)

	2.1	-		1	1 1 2 1									4.1.1.7			_	SRs			
	plenum (FF-820B) Al'	North Bleed off filter	(FF-020%) (A)	plenum plenum			filter plenum (HVP-802) \triangle P	200 area re-circulation		filter plenum	200 area re-circulation		filter plenum	Vault re-circulation	,	filter plenum	Vault re-circulation	Description			
PDI-809-3	PDI-809-2	1-808-ICI ⁴¹	PDI-807-3	PD1-807-2	'PDI-807-1	PDI-832-3	PDI-832-2	'PDI-832-I	PDI-831-3	PDI-831-2	¹PDI-831-1	PDI-841-3	PDI-841-2	lpDI-841-1	PDI-840-3	PDI-840-2	'PD1-840-1	Gauge			
≤2.0 & > 0 ¹ in. wc	≤2.0 & > 0¹ in. wc	≤2.0 & > 0 ¹ in. wc	≤2.0 & > 0 ¹ in. wc	≤2.0 & > 0 ¹ in. wc	≤2.0 & > 0 ¹ in. wc	≤2.0 & > 0 ¹ in, wc	<2.0 & > 0¹ in. wc	$<2.0 & > 0^{1} \text{ im. wc}$	<2.0 & > 0 ¹ in. wc	≤2.0 & > 0 ¹ in. wc	<2.0 & > 01 in. wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	<2.0 & > 0¹ in. wc	<2.0 & > 01 m, wc	$\leq 2.0. \& > 0^{1} \text{ in. wc}$	<2.0 & > 0 in'. wc	<2.0 & > 0 in. wc	Acceptance Criteria	Inicials:	Weekday:	Date:
.48	.51	.07	270	aff	270	.55.	.59	Jan 1/4/5 34.31	.33	96.	.33	70	58	14.	Y872	STBY	STRY	. 45	fa-	Mon.	3/2/15
.53	.51	.07	47.0	off.	OFF	45.	03.	.31	.33	C/3.	13	.50	95.	.43	VELLS	STBY	८म हर	`	In	Tue.	3, 3, 5,
,47	.51	.08	720	0871	230	. 44	160	.32	.33	.40	. 37	. ZO	.48	. 44	5085	784	784	SURVI	1	Wed.	3/4/15
64	.51	80.	of.	33.0	of:f	.54	.50	32	.33	:39	,33	.50	23	ייי	1825	NELS	5737	SURVEILLANCE RESULTS (in. we)	Ohr-	Thu.	3/5/15
. 47	. 51	.08	O Tr	240	250	. 75	.60	.32	. 32	. 40	. 33	.50	508	44.	3784	S284	5784	ESULTS	Ţ	Fi.	26/15
<u>.</u> £	.5]	£0;	APP	230	ったり	57 .	.(W	h N	is :	, tr	.30 CE.	.58	85.	HIH.	\$#\$	Sta	X45		到	Sat.	83/07/5
. 4	15	.07	0FF	OFF	のデド	٠٤५	-60	.32	.30	240	. 33	,50	-58	۱. ۲۰۱۰	STBY	STBY	5187		٨	Sun.	2/8/18

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

(Page 2 of 4)

								_										-		
		4.1.3.4				4.1.3.4					4.1.1.7				4.1.3.4		SNG			
	(FF853) AP	100 area glovebox			(FF852) AP	100 area glovebox			filter plenum	100 area re-circulation		filter pleaum (HVP-803) AP	100 area re-circulation		filter plenum (FF-828)	North Basement exhaust	Description			
PDI-816-5	PDI-816-4	PDI-816-2	¹ PD1-816-1	PDI-815-5	PDI-815-4	PDI-815-2	1-518-1Cld ₁	PDI-835-3	PD1-835-2	PDI-835-1	PDI-833-3	PD1-833-2	¹PDI-833-1	PDI-829-3	PDI-829-2	¹PD1-829-1	Gauge			
$\leq 2.0 \text{ &} > 0^1 \text{ in. we}$	$\leq 2.0 \& > 0^1 \text{ in. wc}$	≤2.0 & > 0¹ in. wc	$\leq 2.0 \& > 0^{1}$ in, we	$\leq 2.0 \& > 0^{1} \text{ in, we}$	≤2.0 & > 0¹ in. wc	$\leq 2.0 \& > 0^{1} \text{ in, wc}$	$\leq 2.0 \& > 0^{1}$ in. wc	≤2.0 & > 0 ¹ in, wc	≤2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^1 \text{ in, wc}$	$\leq 2.0 \& > 0^1 \text{ in. wc}$	≤2.0 & > 0 ¹ in. wc	<2.0 & > 01 in we	$\leq 2.0 \text{ Å} > 0^1 \text{ in. wc}$	<2.0 & > 0 1 m. wc	≤2.0 & > 0' in. wc	Acceptance Criteria	Initials:	Weekday:	Date:
.43	.42	.41	.37	18-5	STBV	VELS	5-31	40	ξ.	.15	hh		7/0	.30	.38	./4	,	ML	Mon.	3/2/18
.46	56.	.44	36	१६७२	57.87	1872	570 v	ch.	Ct.	i)	.44	.45	71.0	.29	38	./y		lan	Tue.	3/3/15
.46	2.	.44	. 39	5787	5584	578V	2-84	40	.45	. 15	.45	. 45	71.0	ଧୃତ	 8	. 15	SURVE	Ą	Wed.	3/4/15
34.	.45	h(ti	.38	3'/	١٥٠٥	PERS	97134	.40	.44	.15	44	.45	71.0	.29	.38	14	SURVEILLANCE RESULTS (in. wc)	Mrs	Thu.	3/5/15
.43	. #2	.45	.34								.44	.45	71.0	.30	. 39	. 15	SULTS	型	F).	3/6/15
t,	147	きり	36	V945	Stby	Stby	545	.40 (.ц5	Gi	44	45	710	.35	38° /	ir.		3 (2)	Sat.	3/6/15 0 JUHS
Ju3	,42	-42	-36	भक्र	484	Star	STAT	.40	-45	.15	74.	Zh.	> 1. o	.30	.30			4	Sun.	3/8/5

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

(Page 3 of 4)

		<u> </u>			<u> </u>				<u> </u>					<u> </u>					
		<u>.</u>		-	4.134	_			4134		_		- 1	n 2		SRS			
	(HVP-863) ∆P	filter plenum		(FF-865) ∆P	filter plenum				(FF851) AP	200 area glovebox				(FF850) △P	200 area glovebox	Description			
	PDI-863-2	¹PDI-863-1	PD1-865-3	PDI-865-2	1-865-1	PDI-813-5	PDI-813-4	PDI-813-3	PDI-813-2	PDI-813-1	PDI-812-5	PDI-812-4	PD1-812-3	PDI-812-2	¹ PDI-812-1	Gauge	_	1.09	
	≤2.0 & >0 in. wc	≤2.0 & > 0 ¹ in. wc	≤2.0 & > 0 ¹ in. wc	≤2.0 & > 0¹ in, wc	≤2.0 & > 0¹ in. wc	≤2.0 & > 0 ¹ in, wc	$\leq 2.0 \& > 0^{1} in. wc$	≤2.0 & > 0 ¹ in. wc	≤2.0 & > 0 ¹ in. wc	≤2.0 & > 0¹ in. wc	≤2.0 & > 01 in. wc	<2.0 & > 0 in, wc	<2.0 & > 0 ¹ in, wc	<2.0 & >01 in. wc	$2.0 \& > 0^{1} \text{ in. wc}$	Acceptance Criteria	Initials:	Weekday:	Date:
	.25	8	.40	73	.02	178	3)	79	-30	0	4603	4025	5791	VB15.	STAV		fin	Mon.	3/2/15
	.75	.05	.40	.32	.03	28	u	79	30	1.06	57611	_	STBY	አታይአ 1	STAV	\	In	Tue.	3/3/15
	.24	.05	.40	28.	.03	. 28	- 3/	.30	W	1.07	STEV	STEV	STEN	5781	STRY	SURVE	THE	Wcd.	3/4/15
	.70	05	.40	.34	.03	.28	31	29	, , , , , , , , , , , , , , , , , , ,	107	S713 y	٧٤٢٦٤	Yars	STBV	STBY	SURVEILLANCE RESULTS (in. wc)	les	Thu.	3/5/15
	. 27	,05	141	. 34	. 03	. 29	18	.30	. 30	1.05	STRY	YEVS	YEARS	4810	STBY	SULTS	P	F1.7	3/4/15
-	<u>ل</u>	Spi	Ţ.	34	EQ.	ن بر	8	.30	.500	1,005	(H)	ST.	Stor	Shy	Shov		* 1031	Sat.	शम्बर्
	12,	20°	7.	.34	ره.	727	06.	-30	.)0	1.05	STBY	57BX	5888	STOY	5401		٦	Sun.	3) 8/5

Surveillance Rounds (PF-4 North Side) [UET]

(Page 4 of 4)

										-
			Date:	3/2/15	3/3/15	3/4/15	3/5/15	3/6/15	COS-AD-AS	3/8/15
			Weekday:	Mon.	Tue.	Wed.	े Thu.	F)	Sat.	.nnS
	X V.		Initials:	Ju-	M	N	h	++3	7m m	F
SRs	Description	Gauge	Acceptance Criteria			SURV	SURVEILLANCE RESULTS			
7117	North Basement supply filter plenum	(-857-1	≥ 2.0 & > 01 in, we	.ß	./3	١, ١	Z	.12	รับ	212
4.1	(HVP-840) AP	PDI-857-2	\$2.0 & >0 hin. wc	81:	80.	49	Ø	24.	סבו	× 4 ×
4.1.3.4	North corridor supply filter plenum	¹ PDI-856-1	≤2 0 & > 0 in. we	è	20.	. 04	70-	20	& .	.06
	(HVP-809) AP	PDI-856-2	$\leq 2.0 \text{ &} > 0^1 \text{ in, wc}$	50	24	なり	n2	. K	7	23
NA C	Combustible exclusion area around basement exhaust fans FE828, FE829 and bleed-off fans FE820A, FE820B, FE822A, FE822B, FE822C		0 lb/ft² combustibles in designated exclusion area (within 15 feet of fans)		2	节	S	S A	St.	\\$
1227	D 701 701 707 P.			OAI	SAL	1	SAT	A	4	
90	207		within 3.5 feet perpendicular from the							
			width of the aisles		5					
-	_		between gloveboxes, or							14V
			rooms, whichever is less	N.S.	CAT C	M	2	SAT	B	
			Completion time	1580	2/80	0841	3355	0880	サイスト	0830
•	OC Operator Rev	iew and Page Co	OC Operator Review and Page Count Complete (initials)	7	200	N		`	-	3
Non TSR requirement Note: SR 4.1.3.4 applies	Note: SR 4.1.3.4 applies during mode 1 and mode 2.	l and mode 2.			75.5	Ball	(S)	XX.		Ċ
Completed by: Phu	Phu w Date	Date 3/1/5 Time 0830	ox 30 Reviewed by:			Date: 3/1/15	3 h/15 Time: 12510			
Comments:			ì		Or-duty Supervisor	1				
1			*	1						
				i						

Surveillance Rounds ATTACHMENT C: Non-PF-4 Daily Surveillance Rounds [UET]

6/26/2015	Calibration Expiration Date:	6/26/2015	Calibration Expiration Date:	6/17/2015	Calibration Expiration Date: 6/17/2015	
215040	V-704 Thermistor File No.:	040375	PF-11 Thermistor File No.: 040375	042252	PF-11 Thermometer File No. 042252	unough April only
6/26/2015	Calibration Expiration Date: 6/26/2015	6/26/2015	Calibration Expiration Date: 6/26/2015	6/17/2015	Calibration Expiration Date: 6/17/2015	Record September
144.beo	V-701 Thermistor File No.: 039744	042253	PF-10 Thermistor File No.: 042253	944680	PF-10 Thermometer File No.: 039746	
=			M&TE Calibrated Data			

Rev On-	Cor			Т	Т	Τ-	$\overline{}$	$\overline{}$		Т	Т			Т
Reviewed by: On-duty Supervisor	Completed by:	T.			43.13	43.13	43.1.1	4.3.1.1	N N	SE				
rvisur ###	by:	Temperatures should be recorded using Reference Thermometer FLUKE Model 1534 connected to Thermistor Probe Fluke Model 5610-9 (or approved engineered equivalent).	OC Operator Review and Page Count Complete (initials)		RECORD PF-11 room temperature	RECORD PI-10 room temperature	RECORD fire water storage tank V-704 temperature	RECORD fire water storage tank V-701 temperature	ENSURE M&TE Calibration Data above is recorded and calibration dates have not clapsed.	Description		Daily (September through April only)		PF-10 & PF-11 Pumpho
D _a	Da	iometer FLUKE Model	ount Complete (initials)	Completion Time:	≥ 50.1 F	≥ 50.1 F	≥ 42.1 F	≥ 42.1 F	Calibration dates have not chapsed.	Acceptance Criteria	Initials:	Weekday:	Date:	PF-10 & PF-11 Pumphouse Room Temperature and V-701 & V-704 Fire Water
Date: 3/5/6	Date 3-8-15	1524 connected	٦	7180	62.49	59.50	46.83	47.62	UNSAT		85	Mon.	\$2/2015	d V-701 & V-70
		to Thermisto	K	1180	61.20	59.68	46.21	47.26	TASHUÇAS		t)		8/8/2015	4 Fire Water
Time: 77.5	Time 1039	or Probe Fluk		O821	H.40	59.28	45.82	46.33	(SAI MINSAT		BF	Wed.	74/2015	Storage Tank Temperature
0		Model 5610	Robert	0740	63.40	57.37	45.93	46.63	(SA) /UNSAT		3	Thu.	3/5/2015	Temperature
		/\$4 -9 (or approve	a. K	0909	- 1	58.7	8.74	47	SAT NUSAT		74	Fri.	3-6-15	
		d engineered	4	5 160	8:01	St. 12	47.0	8.94	TASNU (AS)		٦	Sut.	3 7/8	
		equivalent).	چہ لار	1037	59.7	(6.7	47.2	46.8	TASNU/ÚS		3	Sun.	3-y-is	

Comments:

ATTACHMENT A: Per Shift Surveillance Rounds [UET] (Page 1 of 3)

	4.1.1.3 4.1.2.3 ²				4.1.1.5 4.1.1.5 4.1.2.2 ²					4.1.1.1 4.1.2.1 ²		SRs		whenever	taken on i)
IRT Tunnel AP	South basement AP	North basement AP	IFIT Facility AP	400 area laboratory header AP	300 area laboratory header AP	100 area laboratory header AP	200 area laboratory PDI-803-1 or header AP PDI-803-2	400 area glovebox exhaust header AP	300 area glovebox exhaust header AP	100 area glovebox exhaust header AP	200 area glovebox exhaust header AP	Description	alcitato i Disarcuscu.	whenever possible. Document if	taken on rack #4 in the OC.	Note
PDT-901 or PDI-901	PDI-854-1 or PDI-854-2	PDI-804-1 or PDI-804-2	PDI-865-4 or PDI-865-5	PDI-852-1 or PDI-852-2	PDI-853-1 or PDI-853-2	PDI-802-1 or PDI-802-2	PDI-803-1 or PDI-803-2	PDI-864-1 or PDI-864-2	PDI-870-1 or PDI-870-2	PDI-820-1 or PDI-820-2	PDI-814-1 or PDI-814-2	Gauge Accel				
< 0.00 in. wc	< 0.00 in. wc	< 0.00 in. wc	≤-0.05 in. wc	<-0.05 in. wc¹	≤-0.05 in. wc¹	≤-0.05 in. wc¹	<-0.05 in. wc ¹	≤-1.0 in. wc¹	≤-1.0 in. wc¹	≤-1.0 in. wc¹	≤-1.0 in. wc	Acceptance Criteria	Initials:	Shift:	Weekday:	Date:
-07C 386 5099 000 200	-08	707	.19	101	12'	72	719	-1.97 -19	-1.48	1,40	¥.9.		BC	AM PM	Mon.	03.0
9		PQ'	-19	ري. الإ	719	M	. \ }	-19	- 147	t	194 -196 J97 J.48		1	₽Z) H	03.09.18 03.10.15
7099	10	.09	719	721	61.	2	-19	\$6.1-	148	191	196		BC	MA	7	03.11
0.02	0100,01	10.07	-0,19 -19	02= 04,00	D.A	O. TO.	0.19	7,97	198-1-18	1191	باما		M	PM	Tue.	
8bo'-	017-	-09	-19	- 20	-19	-20	Z.	-)_17	-1.98	1.41	.).4 <i>8</i>	SUR	2	AM	€	4
<u> 160</u> .	7 69	801	515	16.	610	-30	81	-197	197	-142	-191	VEI	P	AM PM	Wed.	117
505	107	-0×	1-14	-20	174	-21	11.	915/6	- 47	-1.92	-[.91	(in	K	AM	Ţ	3
. 10%	1/2	./6	No.	\$,	ેરુ	10	ري.	187	1,28	757	-1.92 194 -193	SURVEILLANCE RESULTS (in. wc)	000	PM	Thu.	12/15
107	'Ŀ	8	<u>- 1</u>	20	1 20	720	- 18	-1.88	86.1-	1.92	-1 93	RESI	328	AM	-	03.1
.100		1/0	51.0	.5	(بع	12,	719	199	7 9 P	J9,4C	-192	ULTS	3	PM	Fri.	03.13.15
910.	80-11.	80,	ء ،	72/6.	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	ÿ	<u>-1</u>	151-131-181-	197-197	261-061 26.1-	181.9h1-		8	AM	70	
-107-10- Jos- 780	.g.	,0%	17.14	<u>.</u>) \ (2	 S	(1).		1. 1. 1.	162	Ş	D	PM	Sat.	21-4-15
0	ÇÇ.	, , ,	0.19	-0.21	1,20	102	619	-1.9-	16.1	-1 <i>q</i> 0		C	(3)	AM	S	
90.00	50,00	80,	ñ,0,A	0,21	,0,20	io 3	0,19	-1.97 1.97	giller-161-	192	551- 56r	,	18	PM	Sun.	3/15/2015

ATTACHMENT A: Per Shift Surveillance Rounds [UET] (Page 2 of 3)

		_		T										
	Readings using FC	FMT#15	and local p	SRs					4.1.1.6					
Note	Readings should be taken using FCS screens	FMT#151,152,201LD	and 2021.D. Field venification and local plenum PDIs may be used if FCS is unavailable.	Description	200 area re-	plenum	100 area re- circulation fan/	plenum	300 area re- circulation fan/	plenum	400 area re- circulation fan/	plcnum	Vault re-	fan/ plenum
				Readings	PDT-831 AP > .050	FR-802 fcon red and PDT-832 AP > .050	PD1-833 AP > .050 or	FR-804 icon red and PDT-835 AP > .050	FR-805 Icon red and PDT-836 AP > .050 or	PDT-837 AP > .050	PDT-838 AP > .050	PDT-839 AP > .050	FR-811 fcon red and PDT-840 AP > .050	1 red and 12 / 12 / 12 / 12 / 12 / 12 / 12 / 12
Date:	Weekday:	Shift:	Initials:	Acceptance Criteria	At least one	service	At least one fan/plenum is in	service	At least one fan/plenum is in	service	At least one fan/plenum is in		At least one	service
21.50.50	Mon.	AM PM	Ass		San (San)	Unsat Unsat Unsat Unsat Unsat Unsat U	Sal Sal	Unsat Unsat Unsat Unsat Unsat L	Sat (Sat)	Unsat Unsat Unsat Unsat	Sat Sar	Unsat Unsat Unsat Unsat Unsat L	Sat) Sat	Unsat Unsat Unsat Unsat Unsat Unsat U
١ .		1 AM	86		(S)	at Unsa		at Unsa	3	ıt Unsa		ıt Unsa		It Unsa
21.015	Tue.	1 PM				tUnsa	(A)	tUnsa		t Unsa	(Sa)	Unsa	2	Unsa
3/11/5	¥	AM	R	SUE	<u> </u>	tUnsat	(Sat	t Unsat	(A)	Unsat		Unsat	(F)	Unsat
ب	Wed.	PM	P	SURVEILLANCE RESUL Sat. / Unsat. (circle one)	Sar	Unsat	Sa	Unsat	(E)	Unsat		Unsat	(S)	Unsat
3 12	Thu.	AM	٦		Sar		Sat		San	1		Unsat	E	
à	Ē.	PM	900	CE R	S)	Unsat	(<u>E</u>)	Unsat	(E)	Unsat	(E)	Unsat		Unsat
2 15	Fri.	MA	80	LANCE RESULTS		Unsat (Unsat t		nsat	3	Insat		nsat
712/21		PM	4	ST7	<u>a</u> /	Jnsat	(Sat)	insat	(3)	Jnsat C	(1)	Insat	(2)	Jnsat C
S. E. N	Sat.	AM	8			Jnsat U	(2)	Jnsat U		Insat U		nsat U		nsatU
<u>آ</u>		PM /	8			nsat U		nsat U		nsat U	Sat)	nsat U		nsat U
3 5 5	Sun.	AM P	R	-		Insat Unsat Unsat Unsat Unsat Unsat Unsat Unsat		Insat Unsat Unsat Unsat Unsat Unsat Unsat Unsat		nsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat		Insat Unsat Unsat Unsat Unsat Unsat Unsat Unsat		Insat Unsat Unsat Unsat Unsat Unsat Unsat Unsat
1	•	PM	18			ısat	S	ısat		ısat	Sat 1	ısat		sat

Surveillance Rounds ATTACHMENT A: Per Shift Surveillance Rounds [UET] (Page 3 of 3)

												-		1	2	1			
	Note	•			Date:	03.09.15	29.12	03 10 15	7	> 10	3	3/12/15	15	24	がない	03 14 15	4.15	3/15/15	1
Jauge read he OC when	Cauge readings should be taken on rack #4 in the OC when possible, local PDI equivalents may	ken on rad I equivaler	ck #4 in	H	Weekday:	Mon	m	7	Tuc	Wed	ğ	Thu.	Ė		Fn.	Sat	Ĭ.	Sun.	ā
be used if ne	be used if necessary. Document any alternate	nt any alter	mate		Shift:	M<	Wd	N N	M	Ν	FM	Μ	M	M	ř	N M	M	Ν	איו
Dis Bou.					Initials:	B	7	8	18	3	P	7	3	Z.	P	12	5	7	81
SRs	Description	Area	Gauge	Acceptance	ance		~		η	SUI	SURVEI	LLANCE RESULTS	CE R	ESUI	ST			9	η
		_	Cauge	Criteria	cia)=	ro.		Unsat. (circle one)	(circ	le one))
	Glovebox exhaust header Al's	200 Arca	PDI-814-2 PDI-803-2 PDI-804-2	5-108-1014 > 5-108-1014 > 5	PDI-803- 804-2	Unsat Unsat	SaD Unsat	Singal Car	Sat	(Sar Unsar	(Sat) Unsat) is (gr	(Sat) Unsat		Sal (Sal Insal Unsal		Sar	(Sat (Sat) (Sat (Sat (Sat (Sat Unsat	(Sal Unsat
4.1.1.4	< laboratory APs < basement APs for areas 100, 200, 300	100 Arca	PDI-820-2 PDI-802-2 PDI-804-2	PDI-820-2 < PDI-802- 2 < PDI-804-2		Single ((at) Unsat) Sat	(Sat)	Unsat	Sat	(Sat) Unsat		Tage (See		(San) Unsat	(Sat) Unsat	Unsat
	900 bna	300 Arca	PDI-870-2 PDI-853-2 PDI-854-2	PDI-870-2 < PDI-853- 2 < PDI-854-2		FE B			Jasan Jasan	Sat (Sat (Sat (Sat (Sat Unsat	Say		Sat	Sail	Unsat	Sal Sal	Sat) (Sat) Unsat Unsa	(Sat) Unsat	Unsat
	:	400 Arca	PDI-864-2 PDI-852-2 PDI-854-2	PDI-864-2 < PDI-852- 2 < PDI-854-2		(Sa) (Sat Unsat Unsat	Sar Unsat	Unsat	Unsat Car	Say (Sa) (Sa) Unsat Unsat Unsat Unsa	(Sat) Unsat	Sat	Unsat (Sat)	Sar) Unsar	Unsat		Sat	(Sat (Sat) Sai) (Sát Bán Sai Sai) (Sat Unsat	Lings (Exp.
21			Complet	Completion Time		0721	(4)	0719		1925 0734	N. P.	cest onla	લ્લક	240	Jep)	2410	3	129) KELO SCO TOLO SCO) 1760	1921
2		! !	\					F		859				8					
ote: ' Mode 2 i	Note: 'Mode 2 acceptance critoria is < 0.00 in. we Note: 2 SRs 4.1.2.x only apply the product of accordance with LCO 3.1.2.	ode 2 m acco	rdance with	LCO 3.1.2.			Δ.	•	\										
Completed by:	A A	Date 3/14/25 Time /92/	Time 1	'	Reviewed by:	by:	9	Vill Vill	On-duty Supervisor	Date	Date: 3///	15-1		7	00				
	l												⊀						

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 1 of 4)

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).

	Т						T		
			4.4.1.1	SR					
	(LCD Reading) (LED Reading)	(DET-305-3) - (CP-305H)	CP-305-H (LED Reading)	Check DET-305-3 (LCD Reading)	Flammable Gas Channel	Description / Gauge		٠	
Completion Time: 07:57	≥ -0.1; ≤+0.1	Record Calculated Value	•	NA		Acceptance Criteria	Initials:	Weekday:	Date:
07:57	Sal) / Unsat.	0.0	۰.0	ව.0			AY.	Mon.	Date: 3/9/15
0800	Sat)/ Unsat.	0.0	0,0	0.0		S	In	Tue.	3/10/15
22.00	Sat)/ Unsat.	0.0	0,0	0.0		SURVEILLANCE RESULTS (percentage)	On	Wed.	3/11/5
8/80	Sat)/ Unsat.	0.0	0.0	0.0		CE RESULTS	h	Thu.	3/12/5
0727	Sat) / Unsat. Sat / Unsat.	0	o. O	0.0		(percentage)	B-F-	Fri.	3/13/2015
08/4 0756	Sat// Unsat.	0.0	0.0	0.0		-	le	Sat.	3/14/5
0756	Sau / Unsat.	0.0	0.0	0.0				Sun.	3/15/2018

Surveillance Rounds ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side)[UET]

(Page 2 of 4)

							T			T				_		_		1	_	_	
	1000	4134			4.1.3.4			11.00	- -			4.1.3,4			1111		4.1.3.4	SE			
(FF859) AP	exhaust filter picnum	300 area special recovery glovebox		(FF855) AP	300 area glovebox		(FF858) AP	exhaust filter plenum	300 area special		(FF854) AP	300 area glovebox		810) AP	South Corridor supply (HVP-	(HVP-841) AP	South basement	Description			
PDI-821-4	PDI-821-3	PDI-821-1	PDI-818-5	PDI-818-4	PDI-818-2	1-818-1	PDI-819-4	PDI-81 9-3	PDI-81 9-I	PDI-817-5	PDI-817-4	PDI-817-2	¹PDI-817-1	PD1-895-2	1-568-10d ₁	PDI-894-2	PDI-894-1	Gauge			
≤2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^{1}$ in, wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	≤2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^1 \text{ in. wc}$	$\leq 2.0 \& > 0^1 \text{ in. wc}$	<2.0 & > 0 ¹ in. wc	<2.0 & > 0 ¹ in. wc	<2.0 & > 0 ¹ in. wc	<2.0 & > 0¹ in. wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	≤2.0 & > 0¹ in. wc	$<2.0 \& > 0^{1} \text{ m. we}$	< 2.0 & > 01 in. wo	20 & 0 in. wc	<2.0 &>0 in. wc	Acceptance Criteria	Initials:	Weekday:	Date:
कं	+4+	.40	.28	.30	. 30	.24	5784	378	37.87	378Y	57.82	57-3Y	370	38	10,	. 54	. 07		A.A.	Mon.	3/1/15
,39	.43	.40	.28	Ju 3/10/5	32	.26	STBY	5431	Mets	S78 X	S/8/	578/	VELLS	53	06	19	.07	_	An	Tue.	3/10/15
39	.43	-40	.1 8	.32	.37	2	TBV	STDX.	5784	5781	57134	STBY	A 84.5	.57	.06	54	ره،	SURVI	lm	Wed.	3/11/15
-39	-43	.40	20	. Ja	.372	27	KELS	VE-40	46.5	18.5	V E45	VELS	5731	,57	-06	<i>ب</i> 5٠	70.	SURVEILLANCE RESULTS (in. wc)	la	Thu.	3/2/8
, 29 9	.43	14.	. 29	. 32.	33 	. 27	STBY	STBY	STBY	STBY	STBY	NALIS	YBTS	υ ₁	.07	- 55	.06	STANS	BF	Fri.	3/3/2016
.39	. 44	40	.28	. 30	-30	. 23	SIBY	SIBY	SIBY	SIBY	SIBY	376Y	SIBY	.57	.07	į Š	٠٥٢		88	Sat.	N.41.80
.39	.44	.40	.28	.3/	Jo	.26	5784	STBY	5784	5704	STBY	5764	.\$ 7 .6 y	57	.06	55	.06	,	m	Sun.	3/Islis

Surveillance Rounds ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 3 of 4)

													Τ				Γ	Ī		
			4.1.1.7				4.14				4.1.3.4				4.1.3.4		SKs			
	filter plenum	300 area re-circulation		filter plenum	300 area re-circulation		filter plenum	South Basement exhaust		(FF857) AP	400 area gluvebox			(FF856) AP	400 area glovebox		Description			
PDI-837-3	PDI-837-2	¹ PDI-837-1	PDI-836-3	PDI-836-2	'PD1-836-1	PDI-830-3	PDI-830-2	¹ PDI-830-1	PDI-823—5	PDI-823-4	PDI-823-2	¹PDI-823-1	PDI-822-5	PDI-822-4	PDI-822-2	³PDI-822-1	Gauge			
≤2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^{1}$ in. wc	≤2.0 & > 0 ¹ in. wc	≤2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	≤2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^{1}$ in. wc	≤2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	<2.0 & > 0¹ in. wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	≤2.0 & > 0¹ in. wc	$\leq 2.0 \& > 0^{1}$ in. we	<2.0 & > 01 in. wc	≤2.0 & > 0 no. wc	$\leq 2.0 \& > 0^{1}$ in. wc	Acceptance Criteria	Initials:	Weekday:	Date:
.39	.46	. 50	. St	. 48	.97	. 29	. 30	. 70	.41	. 240	ま	.01	\$78Y	872Y	7855	5778		10	Mon.	3/4/15
.39	.4)	.50	.55	.56	.97	.78	.30	83.	.48	24	.4)	.06	YUN	STBY	162.5	STOV	_	gu-	Tuc.	3/10 lis
.39	.4)	.50	.55	.56	9	0P	3/	83.	.48	.46	.4)	.68	1825	STDV	5501	AB45	SURVI	h-	Wed.	3/11/18
.39	141	.50	55.	.56	.97	28	3	85	.48	24'	.41	80.	/10.15	STBY	STBV	Vaus	SURVEILLANCE RESULTS	div	Thu.	3 12 15
.39	٠٢١	. 50	.57	. 58	.97	.28	.3)	.69	. 49	.48	14.	.09	STBY	STBY	STBY	5764	ESULTS	BF	Fri,	3/13/2015
-39	.4)	.50	157	158	.97	28	:31	.69	.42	.40	<u>k</u> .	. 80	STBV	STBY	STBY	SIBV		8	Sat.	51.61.80
.39	.41	.50	.55	.58	.97	28	.3(.69	.42	.41	.40	.08	S713Y	5784	STBU	5734	_	an	Sun.	3/15/15

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 4 of 4)

26	000			1.1.0.4			4	<u> </u>				41.1.7			SRs				
	OC Operator Review and Page Count Complete (initials)			plenum (FF-822B) AP	South Bleed off filter		plenum (FF-822A) AP	South Bleed off filter		filter plenum	400 area re-circulation		filter plenum	400 area re-circulation	Description	=			
	nge Count Comp		PDI -811 -3	PDI -811 -2	PDI-811-1	PDI-810-3	PDI-810-2	1-018-10d	PD1-839-3	PDI-839-2	1-683-1dd	PDI-838-3	PDI-838-2	'PDI-838-1	Gauge				
	lete (initials)	. Completion Time	<2.0 & > 0 ¹ in. wc	<2.0 & > 01 in. wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	≤2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^1$ in. wc	≤2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	≤2.0 & > 0 in. wc	<2.0 & > 0 ¹ in wc	$\leq 2.0 \& > 0^4$ in. wc	≤2 0 & > 0 h, wc	2.0 & > 01 in. wc	Acceptance Criteria	Initials:	Weekday:	Date:	
\$ C \$ 1		0845	847.	.49	.12	250	144O	OFF	252	00	142	. 50	. 3/3/	747		142	Mon.	3/10/15 3/10/18	
SA		6280	.48	84.	p.	9F8	afir	730	.52	.58	th'	.50	.55	.47	,	lin	Tue.	3/10/15	
2		6/80	.46	45		720	aff	off	·S22	38	.yz	.50	.55	.47	SURVI	In	Wed.	3/11/5	
5		7847	46	.45	. }	off	0.55	0FF	.52	.58	.42	.50	.55	Lh:	SURVEILLANCE RESULTS (in. wc)	du.	Thu.	3/11/15	
THE PARTY OF THE P	8	08/3	ь т.	h4·	11.	340	440	OFF.	.53	. 5 8	£4 ·	.51	.55	.47	SULTS	17	ř.	3/13/2015	
19		ORZ	46	74	=	7)	440	9 7 7	.<2	. 58	.42	. <0	55	. 47		80	Sat.	03-14-18	
多多		0 821	5	.46	.,,,	SEC.	4	oft	.52	,58	.42	50	54	.47	•	m	Sun.	3/15/15	

Note: SR 4.1.1.7 applies during mode 1 as stated in LCO 3.1.1. SRs 4.1.3.X apply during mode 1 and mode 2 as stated in LCO 3.1.3.

Comments	Completed by:
	115/15 Time 0822 Re
\	Reviewed by:
On-duty Supervisor	John Marie Contract of the Con

Comments

1 Date 3/11/15 Time: 070 C

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

(Page 1 of 4)

		4.1.3.4				E- 								<u> </u>	4.1.1.7				SRG			
		7.				<u>.</u>									1.7				<u>د</u>			
	(FF-820B) ∆I ²	plenum	North Rived off filter	(F.F.040W) ZX	plenum	North Bland off files		filter plenum (HVP-802) AP	200 area re-circulation		filter plenum	200 area re-circulation		filter plenum	Vault re-circulation		filter pleaum (HVP-811) AP	Vault re-circulation	Description			
101-007-0	1-008-IUG	PDI-809-2	1-608-1Cld	PDI-807-3	PDI-807-2	¹PDI-807-1	PDI-832-3	PDI-832-2	lpDI-832-1	PD1-831-3	PDI-831-2	1PD1-831-1	PDI-841-3	PDI-841-2	¹ PDI-841-1	PDI-840-3	PDI-840-2	¹ PDI-840-1	Gauge			
2 P	20 8 × 01 m	<2.0 & > 01 in. wc	$\leq 2.0 \& > 0^1$ in. wc	$\leq 2.0 \& > 0^{1} \text{ in, wc}$	$\leq 2.0 \& > 0^1 \text{ in. wc}$	$\leq 2.0 \& > 0^1 \text{ in. wc}$	≤2.0 & > 0 ¹ in, wc	$\leq 2.0 \& > 0^{1}$ in, wc	≤2.0 & > 0¹ in. wc	$\leq 2.0 \& > 0^{1}$ in, we	<2.0 & > 0¹ in. wc	≤2.0 & > 0 ¹ in, wc	≤2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^{1} \text{ in, wc}$	<2.0 & > 01 in vyc	$\leq 2.0 & > 0^{1}$ in, we	<2.0 & > 0 in wc	<2.0 & > 0¹ in. wc	Acceptance Criteria	Initials:	Weekday:	Date:
Ġ	30	7	.07	770	277	DEE	.55	.60	. 32	. 32	.¥5	37	. 50	.58	1/44	STON	STOY	5787		瓦	Mon	3/9/15
43.	.so	•	٠٥٦	off	off	330	155	.60	32	Ų.	.40	:33	.50	.57	. 44	5-31	STBY	STBY		(m)	Tuc.	3/10/15
ŝ.	.50		.07	off.	OFF.	of F	.55°	•60	.32	32	.40	.33	.50	.57	·r/4	١٤٦٤	5737	1845	SURV	an	Wed.	3/11/15
.47	. 0	7	80,	0 H	QF TH	affe	. 55	.60	.35	.38	.40	S. 5.	.50	.57	.45	STBY	STBY	STBY	SURVEILLANCE RESULTS (in. we)	86	Thu.	5/12/2015
. 48			. 08	740	340	CFF	.56	.60	.33	.35	.40	. 33	.51	.53	.45	STBY	5-8Y	STBY	ESULTS	£1 11	Fri.	3/13/2015
.46	.5)		.0)	o#	H	15°	55.	.60	32	.33	a4.	.33	.5)	.57	.44	57134	5784	CTBY		de	Sal.	3/14/15
34.	,5/	ŋ	,07	5 FF	orti	OFF	95.	65.	.32	h5-	, 40	.32	50	.56	Sh.	STBY	7515	STBY	(X	Sun.	3/15/15

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

		4.1.3.4				4.1.3.4	,				4.1.1.7				4.1.3.4		SKS			
	(FF853) AP	100 area glovebox			(FF852) AP	100 area glovebox			filter plenum (HVP-804) AP	100 area re-circulation		filter plenum (JIVP-803) AP	100 area re-circulation	To the second	filter plenum (FF-828)	North Basement exhaust	Description			
PDI-816-5	PDI-816-4	PDI-816-2	1-918-ICla	PDI-815-5	PDI-815-4	PDI-815-2	լ-518-1G _վ	PDI-835-3	PDI-835-2	1PD1-835-1	PDI-833-3	PDI-833-2	¹ PDI-833-1	PDI-829-3	PD1-829-2	'PDI-829-1	Gauge			
<2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	$\leq 2.0 \& > 0^1 \text{ in. wc}$	≤2.0 & > 0 ¹ in. wc	<2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	<2.0 & > 01 in. wc	≤2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	$\leq 2.0 \& > 0^{1} in. wc$	≤2.0 & > 0 ¹ in. wc	<2.0 & > 01 in. wc	$\leq 2.0 \& > 0^1 \text{in. wc}$	<2.0 & > 01 in we	<2.0 & > 01 in. we	≤2 0 & > 0 lin, wc	<2.0 & 01 in. wc	Acceptance Criteria	Initials:	Weekday:	Date:
.42	. #2	+4.	. 32	AR15	STRY	5784	STISY	.45	.45	.15	美	43	21.0	. 30	. 39	. 15		A.	Mon.	3/9/15
<i>;</i>	.46	.44	.38	STBV	5784	STBV	5713 Y	γa	hh	.)5	. 44	.45	71.6	.30	36	14	_	SL	Tuc.	3/15/15
.47	94.	245	.38	S7BY	۸ فاردی	STBY	973 F	40	114	ż	144	.45	71.0	.30	38	14	SURVI	Im	Wed.	3/11/15
. ts	.47	. HS	.39	STBY	3757	STBY	STBY	.41	. 45	.15	.46	94.	21.0	.30	,59	. 15	SURVEILLANCE RESULTS (in. wc)	8 =		3/12/015
84.	. 47	. HS	.39	8784	Y372	STBY	STBY	Ť.	.45	-15	٠ 4٢	.46	0.15	.30	. 39	-15	ESULTS	35	Fn.	3/13/2015
.45	45	ંડ	38	5734	STBY	5784	570/	.40	.44	51.	144	94:	71.0	30	.39	. 14		Or-	Sat.	3/14/15
. 43	۳4,	-42	.36	5784	5764	5754	5784	:41	-24.	. 15	. 43	. 4S	0.15	, 30	. P£ .	21,		dos	Sun.	3/15/15

ATTACHMENT B-2: Daily Surveillance Rounds (PF-4 North Side) [UET] (Page 3 of 4)

					_					_								
	7 2 7			4.1.3.4			100	4134							SKs			
(HVP-863) AP	IPIT supply filter plenum		(FF-865) ∆P	filter plenum				(FF851) AP	200 area glovebox				(FF850) AP	200 area glovebox	Description			
PDI-863-2	'PD1-863-1	PDI-865-3	PDI-865-2	1PD1-865-1	PDI-813-5	PDI-813-4	PDI-813-3	PDI-813-2	¹ PDI-813-1	PDI-812-5	PDI-812-4	PDI-812-3	PDI-812-2	¹ PDI-812-1	Cauge			82
≤2.0 & >01 in. wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	≤2.0 & > 0 in. wc	$<2.0 \& > 0^{1}$ in. wc	$\leq 2.0 \& > 0^{1}$ in. wc	$\leq 2.0 \& > 0^{1}$ in. wc	≤2.0 & > 0¹ in. wc	$\leq 2.0 \& > 0^{1}$ in. we	$\leq 2.0 \& > 0^{1} \text{ in, wc}$	$\leq 2.0 \& > 0^1 \text{ in. wc}$	$\leq 2.0 \& > 0^1 \text{ in. wc}$	$\leq 2.0 \text{ & } > 0^1 \text{ in. wc}$	<2.0 & > 0' in wc	$\leq 2.0 \text{ & } > 0^1 \text{ in. wc}$	$\leq 2.0 \& > 0^{1} \text{in. wc}$	Acceptance Criteria	Initials:	Weekday:	Date:
, 27 T	.05	. ⊀ o	- 34	. 03	. 29	. 30	. 30	.30	1.05	5784	8734	578Y	878Y	578Y		Ha	Mon.	3/9/15 3/10/15
.27	,05	.39	32	.03	28	3	19	30	1.06	5737	AGIS	ABLS	ARIES	STBY	\	Mr	Tue	3/10/15
26	.05		.32	03	.78	16	. 29	15	1.06	STBY	1872	STBY	VEIT29	571311	/ SURV	d.h	Wed.	3/11/15
. 26	.05	14,	. 33	. 03	.28	.31	. 28	. 30	1.08	STBY	21 <u>8</u> 7	STBY	STBY	STBY	SURVEILLANCE RESULTS (in. wc)	E)	Thu.	3/2/2015
. 28	.05	.42	.35	. ०५	.30	.35	. 3	. 32	1.18	STBY	5TBY	5-8Y	STBY	STBY	ESULTS	70	Fri.	3/13/2015
.26	.05	14,	.33	.03	.28	.32	-29	.3)	1.08	STBY	4025	7878	5784	CTRY	/	lin	Sat.	3/14/15
, 25	20.	740	.32	,03	,29	. 57	.30	.31	1.10	5784	5784	5764	5764	>८८५		A A	Sun.	3/15/15

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

(Page 4 of 4)

					On daily Supervisor	Op-did			C	Comments:
	(g (Date: 3/1//2-Time: 070)	Date: 3/11/14			C824 Reviewed by:	Date 3118 15 Time 0824	Completed by: Act S. C. Date	Completed
		3			0			i and made 2	Note: SR 4.1.3.4 applies during mode 1 and mode 2	Note: SR 4.
A P	7	No. of	JX 3	1	A A	R A	OC Operator Review and Page Count Complete (initials)	view and Page C	OC Operator Re	
280	0836	0813	8880	0880	370	2480	Completion time			
SAT	IRS	SAT	SAT	5 Th	SAT	7	o lb/n² 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		Rooms 201, 204, 206, & 207	43.2.2
SAT	IRS	SAT	SAT	SAT	SAT	a	0 lb/ft² combustibles in designated exclusion area (within 15 feet of fans)		Combustible exclusion area around basement exhaust fans FE828, FE829 and bleed-off fans FE820A, FE820B, FE822C	'NA
.07	300	5.5°	57	62	306	152	$\leq 2.0 \& > 0^1 \text{ in, wc}$	PDI-856-2	(HVP-809) AP	
249	.49	2	10.	7,	.70	. 2/2	<2.0 & > 0 ¹ m. wc	¹ PDI-856-1	North corridor supply	4.1.3.4
.12	.17			. 72	.12	. 452	2.0 & 0 in. wc	PDI-857-1	North Basement supply filter plenum (HVP-840) AP	4.1.3,4
		ESULTS	SURVEILLANCE RESULTS	SURV	7		Acceptance Criteria	Gauge	Description	SRs
de la company	h	35	7)	Me	Jan	到	Initials:			
Sun.	Sat.	Fn.	Thu	Wed.	Tue.	Mon.	Weekday:			
5/15/245	3/14/15	3/13/2015	3/12/2015	3/11/15	3/10/15	3/9/15	Date:			-

ATTACHMENT C: Non-PF-4 Daily Surveillance Rounds [UET]

`						`				
0726	1025	0815	0949 0815	0745	0737	0837	Completion Time:			
68.1	72,2	69.3	55.3	65,40	6.06	(4.19)	≥ 50,1 F	RECORD PF-11 room temperature	\vdash	43.13
60.2	60.8	61.4	41.0	60.10	60.04	60.8	≥ 50.1 F	RECORD PF-10 room temperature	\perp	43.1.3
J.8h	482	48.3		47.43	46.98	47.2	≥ 42.1 F	RECORD fire water storage tank V-704 temperature	\perp	4.3.1.1
47.3	47.2	47.3	47.0	46.56	46.39	46.7	≥ 42.1 F	RECORD fire water storage tank V-701 temperature	↓_	4.3.1.1
SAT UNSAT	TASHUTAS TASHUTAS	TASAUT (VS)	TASNUTA	TVSNIVE	SADUNSAT	EAT UNSAT	Calibration dates have not clapsed.	ENSURE M&TE Calibration Data above is recorded and calibration dates have not clapsed.	and calibrat	N N
							Acceptance Criteria		Description	SE
ф	4	7	¥	E P	gj T	A A	initials:			
Sun.	Sat.	Fri,	Thu,	Wed.	Tue.	Mon.	Weekday:	Daily (September through April only)	Daily (Se	
03-18:15	3/14/2010		3/12/15 3/13/15	St. 15.00	3/19/2015	3 9/15 3/92015	Date:			:
			ank-Temperature		04 Fire Water	I V-701 & V-70	e Room Temperature and	PF-10 & PF-11 Pumphouse Room Temperature and V-701 & V-704 Fire Water Storage		
26.15	ute: 6/26	Calibration Expiration Date:	Calibration	126/15	6	Calibration Expiration Date:	17 15 Calibration	Calibration Expiration Date:		
040375		V-704 Thermistor File No.:	V-704 Th	040373		PF-11 Thermistor File No.:		PF-11 Thermometer File No.: 042252	urougn April only	
6/26/15		Calibration Expiration Date:	Calibration	6/26/15	\vdash	Calibration Expiration Date:	L	Calibration Expiration Date: 6 17 15	Record September	Rec
144	No.: 039744	V-701 Thermistor File No.:	V-701 Th	042253		PF-10 Thermistor File No.:		PF-10 Thermometer File No.: 039746		
					_	M&TE Calibrated Data	M&TE C			
]

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

OC Operator Review and Page Count Complete (initials)

88

Reviewed by: On-duty Supervisor	Completed by:
Mr Chr	J. Marce
Date: 3/17/15	Date 03-18-18
Time: Q	Time 0724

Comments:

ATTACHMENT A: Per Shift Surveillance Rounds [UET] (Page 1 of 3)

	4.1.1.3 4.1.2.3 ²				4.1.1.5 4.1.1.5 4.1.2.2 ²	· · · · · · · · · · · · · · · · · · ·				4.1.1.1 4.1.2.1 ²		SRs	alical Exer F	whenever I	taken on i)	
IRT Tunnel Al	South basement AP	North basement AP	IFIT Facility AP	400 arca laboratory header AP	300 area laboratory header AP	100 area laboratory header AP	200 area laboratory header Al ³	400 area glovebox exhaust header Al ³	300 area glovebox exhaust header AP	100 area glovebox exhaust header AP	200 area glovebox exhaust header AP	Description	and late i Disale (ISCI.	whenever possible. Document if	taken on rack #4 in the OC.	Note	
PDI-901 or	PDI-854-1 or PDI-854-2	PDI-804-1 or PDI-804-2	PDI-865-4 or PDI-865-5	PDI-852-1 or PDI-852-2	PDI-853-1 or PDI-853-2	PDI-802-1 or PDI-802-2	PDI-803-1 or PDI-803-2	PDI-864-1 or PDI-864-2	PDI-870-1 or PDI-870-2	PDI-820-1 or PDI-820-2	PDI-814-1 or PDI-814-2	Gauge Accep					
< 0.00 in. wc	< 0.00 in. wc	< 0.00 in. wc	≤-0.05 in. wc	≤-0.05 in. wc¹	≤-0.05 in. wc¹	≤-0.05 in. wc¹	≤-0.05 in. wc¹	≤-1.0 in. wc¹	≤-1.0 in. wc¹	≤-1.0 in. wc¹	≤-1.0 in. wc	Acceptance Criteria	Initials:	Shift:	Weekday:	Date:	
111-000	11° go	W. 80.	19	122 - 20	ai vi	rie rai	61= cri	121-1.00	196	16: N	561- Co		~ (HE	AM PM	Mon.	3/16/15	
100,	30 - 08	, CO -, CO.	b1 = 6,7	N -19	715 215	M- N	*	86.Y. C.S.\	14/- Bis	16-1-41	194 -1:45	,	000 1	1 AM PM	Tue.	3/17/18	
PI'V KO! 210-	- 10	01.	1 79 LOVA	1 21 ,00	20.	· <u>2</u>	20	-1-5-7	1831	-1-92	15-157 199	SURVEI	Bell	AM PM	Wed.	03:18:15	
011.	10	0 10	19 79 A	- ng.	Sar.	50,	7.9		851	1.91	-194		8	M AM PM		03-19-15	
Me- 600 211	10 -07	10,1	10-19	12:01	d 3 - 10	82:- El B	16-25-21	19 VEN 198	11.1- asi asi	161- is/ -161	186 View -1	(in. wc)	n ceal	M AM PM	Fri.	3/20/	
1900-Cop 1	07 06 -06	77 00 -07	b1:- 16/1	12-01 17	02: W W	52-N, 83	اح	15.6-1-VI	N 190-1.98	115-151	197 -197	TS	J 000 K	M AM PM	Sat.	3/2	3/21/12
19	-20-	. 1	1		11: 11: 0.	_	12-08-02	,	861-867 Rb	119-1191-111	17 -1.97-1.98		- A K	M AM PM	Sun.	3-22-15	j

ATTACHMENT A: Per Shift Surveillance Rounds [UET] (Page 2 of 3)

	-								
i		4.1.1.6			SRs	and local p	FMT#15	Reading:	
Vault re- circulation fan/ plenum	400 area re- circulation fan/ plenum	300 area re- circulation fan/ plenum	100 area recirculation fan/	200 area recirculation fan/	Description	and local plenum PDIs may be used if FCS is unavailable.	FMT#151,152,201LD	Readings should be taken	Note
PDT-840 AP > .050 PDT-840 AP > .050 or FR-812 Icon red and PDT-841 AP > .050	PDT-838 AP > .050 PDT-838 AP > .050 or PR-808 Icon red and PDT-839 AP > .050	FR-805 Icon red and PDT-836 AP > .050 or FR-806 Icon red and PDT-837 AP > .050	FR-803 Icon red and PDT-833 AP > .050 or FR-804 Icon red and PDT-835 AP > .050	FR-801 Icon red and PDT-831 AP > .050 or FR-802 Icon red and PDT-832 AP > .050	Readings				
At least one fan/plenum is in service	At least one fan/plenum is in service	At least one fan/plenum is in service	At least one fan/plenum is in service	At least one fan/plenum is in service	Acceptance Criteria	Initials:	Shift:	Weekday:	Date:
Sat Sat Sat Sar San Say Unsat Unsat Unsat Unsat Unsat	(Sat)	Sat Sat Sat Sat Unsat Un	Sat Sat Sat Sat Sat Unsat Unsat Unsat	Sat Sat Sat Sat Sat (Sat Unsat		040 	AM	Mon.	3/16/15
Sat	San	Sat	Jnsat	Sat Insat		۶	PM	Ä	3
Sat Unsat	San Unsat	Sat) Unsat	Sat) Unsat	Sat) Unsat		080	AM PM	Ţ	6/15 3/17/
(Sg) Unsat	(Sat) Unsat	Sat Unsat	(\$at) Unsat	(Sat Unsat		۲	PM	Tue.	3/17/18
(Sah) Unsat	San Unsat	Sail	Saf) Unsat	(Sat) Unsat	SUR S	33	AM	٤	21.81.50
(Say) Unsat	Sa) Unsat	(Saj) Winsat	(Sat) Unsat	(Sat) Unsat	SURVEIL Sat. / U	18	AM PM	Wed.	ر د ا
	Sar Unsat	(Sai) Unsat		(Saf) Unsat		SE SE	AM		82-14-15
(Sau Unsut	Sat Unsat	©g≱ Unsat	Sar Unsat	(Sa) Unsat	(CE)	of the	PM	Thu.	7
Sat	Sat Unsat	Sat Unsat	Sat Unsat	(Sat) Unsat	LANCE RESULTS nsat. (circle one)	DAO		<u>.,</u>	3/2
(Ca)	(Sat) Unsat	Sat Unsat	(Lineat	Sat Unsat	LTS	۴	AM PM	Fri.	3/20/8
Sat Unsat	Sat) Unsat	(Sat) Unsat	Sat Unsat	(Sg) Unsat		999	AM	S	3/21
San Say San Sat	Sat	Sat Sat Sat Sat Sat Sat Sat Sat Insat Unsat Unsa	Sal Sar Sat Sat Say Sat Say Say Insat Unsat Unsa	Sat Sat Sat Sat Sat Sav Sav Sav Unsat		الر	AM PM		5
Sat Unsat	(Saj) Unsat	Sat Unsat	(Sat) Unsat	(Sat) Unsat		P	AM	S	7-2215
(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	Sal		۴	PM	Sun.	215

ATTACHMENT A: Per Shift Surveillance Rounds [UET]

(Page 3 of 3)

				41.1.4		SRs		be used if no	the OC when	
			and 4180	< laboratory APs < basement APs for areas 100, 200, 300	Glovebox exhaust header APs	Description		be used if necessary. Document any alternate	the OC when possible, local PDI equivalents may	Note
		400 Arca	300 Area	100 Area	200 Arca	Area		nt any alte	ken on ra I equivale	
	Comple	PDI-864-2 PDI-852-2 PDI-854-2	PDI-870-2 PDI-853-2 PDI-854-2	PDI-820-2 PDI-802-2 PDI-804-2	PDI-814-2 PDI-803-2 PDI-804-2	Gauge		mate	nts may	
	Completion Time	PDI-864-2 PDI-852-2 PDI-854-2 PDI-854-2 2 < PDI-854-2	PDI-870-2 < PDI-853- 2 < PDI-854-2	PDI-820-2 PDI-802-2 PDI-804-2 PDI-804-2 PDI-804-2	PDI-814-2 < PDI-803- 2 < PDI-804-2	Acceptance Criteria	Initials:	Shift:	Weekday:	Date:
	1261 1200	Sat (Sat) Unsat Unsat	(Sat) Unsat	Sat (Sat) (S	Unsat		933	ΔM	Mon	3/14/18
	1561	Sat Unsat	Sa) Unsat	Sat Unsat	Sat Unsat		5	. J	ř	3
8	0733 924	Sat	Sat Unsat	Sat) Unsat	(Sa) Unsat		9 8	Σ	Tuc	3/17/18
	yen	San	(Sa) Unsat	(Sa) Unsat	Sat Jnsat)	K	PM	.,	
Ž.	000	Sat Sat	Single Control	Sat Unsat	Sar	TeS ANDS	28	×	Wcd.	23-8-80
	757		Sar	Sak Unsat	Sat Unsat	(VEII	8	PM	igi.	É
X	ote			TISSET OF THE PROPERTY OF THE	Unsat	LLAN Jnsat.	8 GD	AM	T'hu.	03.
	19/3	(Sar Unsat	(Sar Unsat) insat	Say Unsat	CEV R		PM	Ë	9.15
	3110	Sat Unsat	Unsat Unsat Unsat	Sat (Sat) (Sat) Insat Unsat Unsat	Sat Unsat	RVEILLANCE RESULTS	Cree	MA	- -	3/2
	1,251	(Sa) Unsat	(Sat Unsat	(Sar) Unsat	(Sat Unsat	TS	7	Md	Fri.	6/15
	120	Sat	(Sat) Unsat	Sat Unsat	Sat Unsat	ĺ	200	MA	ÿ.	03.19.15 3/20/16 3/4/15
	97 20 012 1929 one 1929 one 1929 0730 1933	Unsat	(Sat) (Sat) (Sat Unsat Unsat Unsat	(Sat) Unsat	Unsat ()	x	M	Sat.	
	0730	(Sat) Unsat	(Sat Unsat	(Sat) Unsat	Satu		P	MV	S	7-22-15
	1433	Sai	Sat	(Sat Unsat	Unsat)	2	W.l	Sun.	2-15

Note: ¹ Mode 2 acceptance criteria is < 0.00 in. we Note: ² SRs 4.1.2.x only apply during mode 2 in accordance with LCO 3.1.2.

Completed by: [P41 & Date 3/22/18 Time 1933 Reviewed by:

Date: 3/21/25 Time:

Comments: 200 1940 4 10 15 200 AFER GB EXH READING TAKEN FROM SIREEN FAT ISD POTRIN DIE TO RACK 4 DISCREPT -CY

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 1 of 4)

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). 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

-										
		! !	5	4.4.1.1	SR					
		(LCD Reading) (LED Reading)	(DET-305-3) – (CP-305H)	CP-305-H (LED Reading)	Check DET-305-3 (LCD Reading)	Flammable Gas Channel	Description / Gauge		,	
	Completion Time: 0807	≥ -0.1; ≤+0.1	Record Calculated Value		NA		Acceptance Criteria	Initials:	Weekday:	Date:
	0807	Sat)/Unsat.	0.0	0.0	0.0		X	lm	Mon.	3/16/15
7002	3 0 2	Sat / Unsat. Sat / Unsat.	00	0	0.0		S	76	Tue.	3-17.15 3/18/15
0000		Sar / Unsat.	4.0	0.0	0.0		SURVEILLAN	an	Wed.	3/18/15
0/27	Men	&ar. / Unsat.	0.0	0.0	0.0		CE RESULTS (percentage)	<i>In</i>	Thu.	3/19/15
	075,	&gl. / Unsat. Sap / Unsat. Sat. / Unsat.	0.0	0.0	0.0		(percentage)	#	Fri.	3/20/15
080/ 08/0	2	Sat.) Unsat.	0,0	0,0	0.0			79		3-21-15
0/80		Sat) / Unsat.	0.0	ò	0			77	Sun.	3-22-15

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side)[UET]

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	_						_									_		1			
		4134			4.1.3.4				<u> </u>			4.1.3.4			4.1.3.4		4.1.3.4	SKG			
(FF859) AP	exhaust filter plenum	300 area special recovery glovebox		(FF855) AP	300 area glovebox		(FF858) AP	exhaust filter plenum	300 area special		(FF854) AP	300 area glovebox		810) AP	South Corridor supply (HVP-	(IIVP-841) AP	South basement	Description			
PDI-821-4	PDI-821-3	PDI-821-1	PDI-818-5	PDI-818-4	PDI-818-2	1-818-IGd	PDI-819-4	PDI-81 9-3	1-8 18-1drl	PDI-817-5	PDI-817-4	1יטו-817-2	¹ PDI-817-1	PD1-895-2	1-568-1Cld ₁	PDI-894-2	'PDI-894-1	Gauge			
$\leq 2.0 \text{ & > 0}^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^1$ in. wc	≤2.0 & > 0 ¹ in. wc	≤2.0 & > 0 in. wc	≤2.0 & > 0 ¹ in. wc	≤2.0 & > 0 ¹ in. wc	$\leq 2.0 \text{ & } > 0^1 \text{ in. wc}$	$\leq 2.0 \& > 0^1 \text{ in, wc}$	<2.0 & > 01 in, wc	≤2.0 & > 0 ³ in. wc	≤2.0 & > 0 ¹ in, wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^1 \text{ in, wc}$	≤2,0 & >01 in. wc	$\leq 2.0 \& > 0^1 \text{ m. we}$	≤ 2.0 & >0' in. wu	-20 & >0 in. wc	$\leq 2.0 \% > 0^{1}$ in. wc	Acceptance Criteria	Initials:	Weekday:	Date:
. 39	. 45	.46	JA 19 4	N. A.	į	3500	5781	7878	7815	55787	5787	3737	SYRY	350	.07	১১১	.04		¥	Mon.	3/16/15
	54,	. 40	. 29	-31	.31	.27	STBY	57BY	5784	57.B.V	STRY	STBY	STBY	58	.07	И	. 06		PT	Tue.	3-17-15
.39	.44	40	.29	32	.32	27	STAY	STIBY	578Y	STBY	STBY	5767	STAV	65.	.07	.56	.07	SURVE	Ju	Wed.	3/18/15
-39	, yy	.40	29	32	2	.27	VES	40.45	5784	VB+5	5731	STBY	5791	.59	.07	-22	.07	SURVEILLANCE RESULTS (in. wc)	Om	Thu.	3/19/15
-39	\$. 46	. 28	. 30	.30	4د .	573Y	578Y	578Y	ड न्ड ४	5784	STRY	Yers	.60	.07	. ይና ይጎ	70.	SULTS	5	Fri.	3/20/15
. 39	.43	e40	,28	130	.30	, 2 H	STRY	5784	57BY	STBY	5784	STRY	S78Y	, 59	.07	ر ار ار	70.		PT	Sat.	3-21-15
. 39	, 42	oh.	. 28	.30	.30	. 24	S784	STBV	STRY	5784	57.80	S T.BY	STRY	, 59	, 07	٠ ٧	.07	·	77		3_22-15

Surveillance Rounds ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET]

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			Date:	3/14/15	3-17-15	3/18/15	3/19/18	2/22/2	3-26-15	Z-72-15
		¥	Weekday:	Mon.	Tuc,	Wed.	Thu.	ā	Sat.	Sun.
			Initials:	772	797	Open	lm	#	27	74
SRs	Description	Gauge	Acceptance Criteria			SURVI	SURVEILLANCE RESULTS (fn. wc)	SULTS		
		¹PDI-822-I	$\leq 2.0 \& > 0^{1} \text{in. wc}$	STBY	5784	STBY	SHBY	787	シナスト	5784
4.1.3.4	400 area glovebox	PDI-822-2	≤2.0 & >0 ⁴ in. wc	STAY	STRV	<i>ያ</i> ተ <i>B</i> -/	STBV	1787	5784	5784
	(FF856) AP	PDI-822-4	<2.0 & 01 in. we	STRY	STBY	STRY	5437	Y875	STBY	57BY
		PDI-822-5	<2.0 & > 0 m. wc	STAY	5784	<i>ያገ</i> В ሃ	STBY	<u>१८</u> ८९	STRY	5784
	_	¹PDI-823-1	≤2.0 & > 0¹ in. wc	106	.09	.07	,08	70.	,07	70.
4.1.3.4	400 area glovebox	PDI-823-2	≤2.0 & > 0¹ in. wc	40	.42	. .	.42	.40	04,	.40
	(FF857) AP	PDI-823-4	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	40	45	.46	24.	.40	14.	. 4)
		PDI-823—5	<2.0 & > 0 ¹ in. wc	.41	9 4.	.49	.49	. 43	,42	.42
-	South Basement exhaust	1PDI-830-1	$\leq 2.0 \& > 0^1 \text{ in. wc}$.70	63	89.	83.	. 70	.70	. 69
111.4	fiter plenum (FF-829) AP	PDI-830-2	≤2.0 & > 0 ¹ in. wc	. 30	.40	30	.30	. 30	+ 30	. 30
		PDI-830-3	≤2.0 & > 0 ¹ in. wc	. 29	. 29	78	.28	. 29	,28	. 28
	300 area re-circulation	1PDI-836-1	$\leq 2.0 \& > 0^{1}$ in. wc	.98	. 97	.97	.97	.98	, 97	. 97
	filter plenum	PDI-836-2	$\leq 2.0 \& > 0^{1} in. wc$. 59	,59	.57	.57	.58	.58	85'
4.1.1.7		PDI-836-3	≤2 0 & > 0 in. wc	. 56	.56	.56	J. 3/9/15	.54	,56	. 56
	300 area re-circulation	lpDI-837-1	$\leq 2.0 \& > 0^{1}$ in. wc	. 57/	.50	-50	50	.50	,50	. 50
	filter plenum (HVP-806) AP	PDI-837-2	≤2.0 & > 0 ¹ in, wc	.40	.40	.40	.40	÷	.40	. 40
		PDI-837-3	$\leq 2.0 \& > 0^{1}$ in. wc	.39	,39	.39	.39	. 39	ولا.	

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET]

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			,			-				
			Date:	21/0/12	3-17-15	3/18/15	3/19/18	3/20/15	3-21-15	3-22-15
			Weekday:	Mon.	Tuc	Wed.	Thu.	<u> </u>	Sat.	Sun.
			Initials:	图	PT	m	gn	10	77	77
SRs	Description	Gauge	Acceptance Criteria			SURVI	SURVEILLANCE RESULTS (in. wc)	SULTS		
•	400 area re-circulation	*PDI-838-1	<2.0 & > 01 in. we	. 47	.47	.47	,47	747	, H 2	7 4 7
	filter plenum	PDI-838-2	≤2.0 & >0 m. wc	. 55	. 5.3	.55	.55	১১	ળ ગ	5.55
4.1.1.7		PDI-838-3	<2.0 & > 0' in. wc	.50	. 50	.50	.50	. <u>50</u>	250	7
	400 area re-circulation	'PDI-839-1	$\leq 2.0 \& > 0^{1} \text{ in, wc}$	43	.43	.43	.43	. 43	54°	. 43
	filter plenum	PDI-839-2	$<2.0 \& > 0^1 \text{ in. wc}$	200	5 0	\$5.	.53	. 58	85,	50
		PDI-839-3	<2.0 & > 0 ^t in, wc	15	-51	.5)	.5)	. 5ス	152	
<u>-</u>	South Bleed off filter	1-810-1	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	OH.	OFF	off	254-0	. 15	. 15	. 15
	plenum (FF-822A) AP	PDI-810-2	$\leq 2.0 \& > 0^1$ in. wc	SAO	OFF	off	0fif	. 48	64.	6 h·
		PDI-810-3	≤2.0 & > 0¹ in. wc	ATCO	075	o#∓	0.FF	.45	· 45	. 45
	South Bleed off filter	¹ PDI -811 - I	≤2.0 & > 0 ¹ in. wc	.17			.11	OF	のドチ	o II
41.20.4	plenum	PDI -811 -2	≤2.0 & > 0 ¹ in. wc	. 49	. 48	48	.48	000	740	0 2 2
		PDI -811 -3	≤2.0 & > 0' in. wc	.49	, 49	pp	48	DAS	710	ת ת
			. Completion Time	09/4	0825	9480		0906	0753	0757
000	OC Operator Review and Page Count Complete (initials)	ige Count Comp	lete (initials)	P	P Cap	A A		1 CO CO		<i>₽</i>
¹ Non TSR requirement:	ment:			N	88	O 888	ORS			

Completed by: 0 0 7 1/2 Date 3 22 1/2 make the Date 3 22 1/2 make th

Note: SR 4.1.1.7 applies during mode 1 as stated in LCO 3.1.1. SRs 4.1.3.X apply during mode 1 and mode 2 as stated in LCO 3.1.3.

Completed by: Part Light Date 3 22-15 Time 98 00 Reviewed by:

Comments

On-unit Supervisor

Date: 34% Time: 1200

ATTACHMENT B-2: Daily Surveillance Rounds (PF-4 North Side)[UET] (Page 1 of 4)

			_			_					-										
		1111			4114									4.1.1.7				SRG			
	ptenum (FF-820B) ∆I ²	North Bleed off filter		plenum	North Blank of Glos		filter plenum (HVP-802) AP	200 area re-circulation		filter plenum	260 area re-circulation		filter plenum (HVP-812) Al'	Vault re-circulation		filter plenum (HVP-811) AP	Vault re-circulation	Description			
PDI-809-3	PDI-809-2	¹PDI-809-1	PDI-807-3	PDI-807-2	¹PD1-807-1	PDI-832-3	PDI-832-2	¹PD1-832-1	PDI-831-3	PDI-831-2	¹PD1-831-1	PDI-841-3	PDI-841-2	PDI-841-1	PDI-840-3	PDI-840-2	'PDI-840-1	Gauge		1	
<2.0 & > 01 in. wc	$\leq 2.0 \text{ & } > 0^1 \text{ in. wc}$	$\leq 2.0 \& > 0^1 \text{ in. wc}$	≤2.0 & > 0¹ in. wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	≤2.0 & >01 in. wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	$\leq 2.0 \& > 0^{1}$ in. wc	≤2.0 & > 0¹ in. wc	≤2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^1 \text{ in. wc}$	$\leq 2.0 \& > 0^1 \text{ in. wc}$	<2.0 & > 01 in. wc	<2.0 & > 01 m, wc	$<2.0 & > 0^1 \text{ in, wc}$	2.0 & > 0 in 1, wc	<2.0 & > 0 ¹ m. wc	Acceptance Criteria	Initials:	Weekday:	Date:
.46	50	.07	250	off	OFF	:25	.60	.32	. 33 3	.40	.32	50	.S.7	S.H.	5734	STIBY	STRY	-	gm	Mon.	3/16/15
,46	.50	.07	04	330	23.0	.53	.60	.32	.32	.40	. 322 242	.50	.57	.45	4815	5784	٧٤٦٢	ر	Q.	Tue,	3/17/15
. 47	. 50	.07	OKT	040	Q T	. 575	20	32	. 34	.40	U	.50	.58	.45	5734	3734	YELLS	SURVI	414	Wed.	3/18/15
.46	-50	3	gr.	g- F-F	0 72	.55	-60	.32	.33	.40	.33	,50	.57	54'	STBY	STBY	4.813	SURVEILLANCE RESULTS (in. we)	In	Thu.	3/19/15
SF.	240	DATE	.48	.49	./2	.55	. 40	.32	. 33	.40	W	2184	1878	5.84	ታዕ	.57	.16	ESULTS	4	l'n.	3/20/15
OFF	065	0/-	54.	, 49	. / 2	. 5 5	,60	,32	£33	040	,33	STRY	STBV	5784	-50	53	.16		74	Sat.	3-21-15
340	240	130	. 49	· 4 9	, /2.	. 55	. 60	. 32	, 73	. 40	3	5784	STRY	5784	. 50	. 5 8	. 16	, ,	74	Sun.	3-22-15

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

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	_			_	-			_		<u> </u>								_		
		4.1.3.4				4.1.3.4					4.1.1.7				4.1.3.4		SNG			
	(FF853) AP	100 area glovebox			(FF852) AP	100 area glovebox			filter plenum	100 area re-circulation		filter plenum (HVP-803) AP	100 area re-circulation	3	filter plenum (FF-828) AP	North Busement exhaust	Description			
PD1-816-5	PDI-816-4	PDI-816-2	1-918-IQdr	PDI-815-5	PDI-815-4	PDI-815-2	1-518-IQd1	PDI-835-3	PDI-835-2	¹PDI-835-I	PDI-833-3	PDI-833-2	lbDI-833-1	PDI-829-3	PDI-829-2	¹PDI-829-1	Gauge	***		
≤2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^1 \text{ in. wc}$	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^1 \text{ in. wc}$	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	≤2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^1 \text{ in, wc}$	$\leq 2.0 \& > 0^{1} \text{ im. wc}$	≤2.0 & > 0 ¹ in. wc	≤2.0 & > 0 ¹ in. wc	<2.0 & > 01 in, wc	≤2.0 & > 0¹ in, wc	\$2.0 & > 01 m, we	<2.0 & > 01 in. wc	<2 0 & > 0 n, wc	≤2.0 & > 0 ¹ in. wc	Acceptance Criteria	Initials:	Weekday:	Date:
.44	. K	. 42	36.	5781	STBY	STBY	57134	.40	:	.15	Ġ.	34.	مرد	30	38	-15		Im	Mon.	3/16/15
.45	.45	. K	.38	्रकार	7575	57BY	STBY	. 40	, HA;	ls	hh	.46	21.0	.30	300	. 15		Jan .	Tue.	3/mls
·#	.45	. #5	. 39	7875	57:54	ASES	STRY	45	.45	. 15	44	.44	71.0	. 36	- 39	./5	SURVI	#	Wed.	3/18/15
.46	24.	34.	38	A BASS	SKBY	STBY	57BY	.40	.44	-15	.44	.46	>1.0	30	38	h1"	SURVEILLANCE RESULTS (in. wc)	Im	Thu.	3/19/15
STR	57 84	STRY	STRY	.40	-36	. 40	05 ٠	.40	.45	.15	. 44	.45	>1.0	· 30	. 39	115	SULTS	14	Fri	3/20/15
STRY	STBY	5 ナ オソ	5784	.39	135	94.	,19	1 40	45	. 15	44,	,47	>1.0	. 30	65,	. 15		27	Sut	3-21-15
57.8Y	57.8y	STBY	5784	. 39	.35	. 40	. 19	. 40	. 44	, 15	hh.	.47	71.0	. 30	39	, /5		PT	Sun.	3-22.15

ATTACHMENT B-2: Daily Surveillance Rounds (PF-4 North Side) [UET] (Page 3 of 4)

			_																
		1111			4134				4.1.3.4					4.1.3.4		368			
	(HVP-863) ∆P	IFIT supply filter plenum		(FF-865) ∆P	filter plenum				(FF851) AP	200 area glovebox				(FF850) AP	200 area glovebox	Description of the state of the	Danasini		
	PDI-863-2	¹ PDI-863-1	PD1-865-3	PDI-865-2	1PDI-865-1	PDI-813-5	PDI-813-4	PDI-813-3	PDI-813-2	'PDI-813-1	PDI-812-5	PDI-812-4	PDI-812-3	PDI-812-2	'PDI-812-1	Caugo			
	≤2.0 & >0¹ in. wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	$\leq 2.0 \text{ & > 0}^{-1} \text{ in. wc}$	$\leq 2.0 \& > 0^{1}$ in. wc	$\leq 2.0 \& > 0^4 \text{ in. wc}$	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$<2.0 \& > 0^1 \text{ in. wc}$	$\leq 2.0 \& > 0^{1} \text{ in. we}$	$\leq 2.0 \& > 0^1 \text{in, wc}$	<2.0 & > 0 ¹ in, wc	≤2.0 & > 01 in. wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	Acceptance Criteria	Initials:	Weekday:	Date:
	26	.05	, <i>42</i>	,34	.03	.29	.31	30	31	LID OF	STG 7	STBY	57734	5734	Sty		m	Mon.	3/14/15
	.26	. وح	91	.34	.o.	23	i.	30	يد	1 1/18/15 1.17	STBY	4875	Y872	\$7BY	५ घ४		In	Tue.	3/17/15
	. 200	.05	.40	. 32	. 03	.29	. 3(. 30	<u>W</u>	1.11	287	5785	1845	5-81	5750	SURVI	744	Wed.	3/18/15
	.76	.05	.42	15.	. 63	.29	.31	.30	يد	1.16	S773 Y	4615	5134	SITOV	5701	SURVEILEANCE RESULTS (in. we)	In	Thu.	8/15 3/19/15
	. 28	.05	.40	.36	.03	57/8/	4845	5784	5784	378V	.30	. 39	. 32	. 35	. 15	SULTS	4	Fn.	3/20/15
	.27	.05	14:	.35	.03	STBY	1878	STRY	STBY	5784	12,	98.	£ 5.	.3 (-16		PT	Sat.	3-21-15
ia I	97.	.05	0.47	. 32	,D4	STBY	STBY	57BY	STBY	4245	16.	.30	٠ ١ ٧	55.	.16		77	Sun.	3-22-15

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

(Page 4 of 4)

		S RH	3/18/15	43.2.2.		addressed.	oh issue	n bustil	center om bustible issue	OFR
STIPLE	- 2016	combustible	8	h) a	upervisor	0,	A window wange text	wandow.	Comments: Roam 206 A	Comments:
		ر در	Time: XX Q	Date: 3/23/1ime:	1		2853 Reviewed by	J-22:15 Time (Completed by: fond Light Date J-2215 Time 0853 Reviewed by:	Completed !
			NAS.	1 00 Bey	Xts	W.		l and mode 2.	Note: SR 4.1.3.4 applies during mode 1 and mode 2.	Note: SR 4.
B B	Br DAN	4 see	S. D.	89 ×	P	R	OC Operator Review and Page Count Complete (initials)	view and Page Co	OC Operator Re	
2580	0830	0907	0836	5415	0829	0905	Completion time			
547	5#7	TES	5.47	SAT	SAT	SA	up to the walls of the rooms, whichever is less			
					1		perpendicular from the face of the PMMA, the width of the aisles			
							0 lb/ft² combustibles		Rooms 201, 204, 206, & 207	43.2.2
S > 1	SAT	4	SAT	N A		3	O lb/ft² combustibles in designated exclusion area (within 15 feet of fans)		around basement exhaust fans FE828, FE829 and bleed-off fans FE820A, FE820B, FE822A, FE822B, FE822C	Ň
. 50	05:	. 50	145.	. 54	.54	.55	$\leq 2.0 \& > 0^1 \text{ in. wc}$	PD1-856-2	(HVP-809) AP	i.
. 07	.07	.04	.07	.07	.07	.07	≤2.0 & > 0 m, wc	PDI-856-I	North corridor supply filter plenum	4.1.3.4
, 50	.50	0, 5 °	.49	٠ تر.	.48	.48	<2.0 & >04 in, wc	PDI-857-2	(HVP-840) ΔP	
	. //	77.	. 12	.12	.//	./2	2.0 & -01 in. wc	¹ PIDI-857-1	North Basement supply filter plenum	4134
		ESULTS	SURVEIL ANCE RESULTS	SURV	,	<	Acceptance Criteria	Gauge	Description	SRs
74	79	单	an	24	Am	Am	Initials:			
Sun.	Sat.	Fri.	Thu	Wed.	Tue,	Mon.	Weekday:			_
3-22-	3-21-15	3/20/15	3/19/15 3/20/15	3/18/15	3/11/15	3/16/15	Date:			

ATTACHMENT C: Non-PF-4 Daily Surveillance Rounds [UET]

6/26/2015	Culibration Expiration Date: 6/26/2015	6/26/2015	Calibration Expiration Date: 6/17/2015 Calibration Expiration Date: 6/26/2015	6/17/2015	Calibration Expiration Date:	
040375	V-704 Thermistor File No.: 040375	040373	PF-11 Thermistor File No.:	042252	PF-11 Thermometer File No.: 042252	unrough April only
6/26/2015	Calibration Expiration Date: 6/26/2015	6/26/2015	Culibration Expiration Date: 6/26/2015	6/17/2015	Calibration Expiration Date: 6/17/2015	Record September
444680	V-701 Thermistor File No.: 039744	042253	PF-10 Thermistor File No.:	039746	PF-10 Thermometer File No.: 039746	20
			N&TE Calibrated Data			

	PF-10 & PF-11 Pumpho	PF-10 & PF-11 Pumphouse Room Temperature and V-701 & V-704 Fire Water St	V-701 & V-70	H Fire Water	Storage Tank	orage Tank Temperature			
		Date:	3/16/2015	3/17/2015	5102 AVE	1/A/2015	Hey2015	31-16	3/22/15
,	Daily (September through April only)	Weekday:	Mon.	Tue.	Wed.		- 1		Sun.
		Initials:	9=	1 P	\$2	₽°	A B	8	283 2
SR	Description	Acceptance Criteria							í
NA	ENSURE M&TE Calibration Data above is recorded and calibration dates have not clapsed.	Calibration dates have not elapsed.	TASHINGUS TASHINGS	TASHUATAS	(SA) AUNSA'T	TASHUTASAT (SA) TURSAT (SAT) MESAT	TASNUTA	ENT/UNSAT	GAT AUNSAT
4.3.1.1	RECORD fire water storage tank V-701 temperature	≥ 42.1 F	42.79	74,47	48.32	48.54	47.98	474	97.Lh
43.1.1	RECORD fire water storage tank V-704 temperature	≥ 42.1 F	49.28	49.91		\$2.02	49.57	1.54	44.3
4.3.1.3	RECORD PF-10 room temperature	∃ 1.05 ≤	45.19	hh.19		61.33	60.50	709	62.3
4.3.1.3	RECORD PF-11 room temperature	≥ 50.1 F	71.43	67.40	69.91	24.99	68.10	159	65,5
		Completion Time:	0950	0820	0830	092/	0740	las	1012
	OC Operator Review and Page Count Complete (initials)	ount Complete (initials)	Brown	DAN BY	XXXX	128 BA	<i>B</i> 380	38	4
	Tomportura charle by			ক্ট	0 8	O Ass			

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

Reviewed by:
On-duty Supervisor Completed by: __ Date 3/22/15 Date: 3/23/19 Time: 12

Comments:

ATTACHMENT A: Per Shift Surveillance Rounds [UET]

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	4.1.1.3 4.1.2.3 ²				4.1.1.5 4.1.2.2 ²					4.1.1.1 4.1.2.1 ²		SRs	alicitziic 17	whenever	Gauge rea)
IRT Tunnel AP	South busement AP	North basement AP	IFIT Facility AP	400 area laboratory header AP	300 area laboratory header AP	100 area laboratory header AP	200 area laboratory header AP	400 area glovebox exhaust header AP	300 area glovebox exhaust header AP	100 area glovebox exhaust header AP	200 area glovebox exhaust header AP	Description	alientale rus are used.	whenever possible. Document if	Gauge readings should be taken on rack #4 in the OC.	Note
PDT-901 or PDI-901	PDI-854-1 or PDI-854-2	PDI-804-1 or PDI-804-2	PDI-865-4 or PDI-865-5	PDI-852-1 or PDI-852-2	PDI-853-1 or PDI-853-2	PDI-802-1 or PDI-802-2	PDI-803-1 or PDI-803-2	PDI-864-1 or PDI-864-2	PDI-870-1 or PDI-870-2	PDI-820-1 or PDI-820-2	PDI-814-1 or PDI-814-2	Gauge Accel				
< 0.00 in. wc	< 0.00 in. wc	< 0.00 in. wc	≤-0.05 in. wc	≤-0.05 in. wc¹	<-0.05 in. wc	<-0.05 in. wc ¹	≤-0.05 in. wc¹	≤1.0 in. wc¹	≤-1.0 in. wc¹	≤1.0 in. wc¹	≤-1.0 in. wc	Gauge Acceptance Criteria	Initials:	Shift:	Weekday:	Date:
101/70	706 -09	11: 90.	79 -19	.19-21	717 720	الات 127	79-22	1.97 -1.98	-1-98-197	CB 14 161-	X98 7 11		ac so	AM PM	Mon.	03-23-15
40° 880°	30_	-09	-19	-20 (·	-19	73	.70-	15.1	1.48 X	-191	2.20 2.18		300	AM	Tue.	03-24-15
104 ,10	5/01/		Ņď	[\ \begin{align*}	30	32			ic girk		J.18 7.2	S	9 0	PM A		-
ml:	100x -04	06- 10	10 -19	73: N	925	82 - 40°	n: 1	157 -178	it and	191-191	112- JU	SURVEI	9AO 4	AM PM	Wed.	3/25/15
960.	00.	200	11/2	ر کی	3	45	رړه	Test .	108	1.91	215		ese	MA I	I.I.	
712	Ol-	Q.	br.	72.	ä,	h2'	-, 22	L.b.	312/	-191	-2.17-2.17	ANCE F	n	PM	Thu.	She/15
-082-109	80.	80.	القر	.20	18	.23	- 22	-1961-	-198			LLANCE RESULTS (in. wc)	138	MA	Fri.	03.27.15
, p01.	101.	76	7	TC.		>¢.	رز	167-1-98	163 -	ト シ -	<u>م</u> م	LĬŚ	3	PM		· 1
0.100	1.000	10000	-121.0-	15,0		, a .			168	191	7.8	4	\$	AM F	Sat.	7 20 15
13.6	-101-	-10-	19	1-21-19)4	ນ	[9]-	- 84	-191-	ارة ارة ارة		8	PM A		
-113 .090 -108	708 -10	Ja. 80.	P1- 62.			·	2 - 22	191-197797		21-192	108 108 108	٠.	& R	AM PM	Sun.	03.29.15

ATTACHMENT A: Per Shift Surveillance Rounds [UET] (Page 2 of 3)

						_
4.1.1.6	SRs	and local p	FMT#15	using FC	:	
200 area recirculation fan/ plenum 100 area recirculation fan/ plenum 300 area recirculation fan/ plenum 400 area recirculation fan/ plenum Vault recirculation fan/ plenum	Description	and local plenum PDIs may be used if FCS is unavailable.	FMT#151,152,201LD	Readings should be taken using FCS screens	Note	
FR-801 Icon red and PDT-831 AP > .050 or FR-802 Icon red and PDT-832 AP > .050 FR-803 Icon red and PDT-835 AP > .050 FR-805 Icon red and PDT-836 AP > .050 FR-806 Icon red and PDT-837 AP > .050 or FR-807 Icon red and PDT-838 AP > .050 or FR-807 Icon red and PDT-838 AP > .050 or FR-808 Icon red and PDT-839 AP > .050 or FR-808 Icon red and PDT-839 AP > .050 FR-811 Icon red and PDT-840 AP > .050 FR-812 Icon red and PDT-841 Icon	Readings					
is in is in is in	Acceptance Criteria	Initials:	Shift:	Weekday:	Date:	
Sat Sat Unsat Unsa		12	AM PM	Mon.	62.23.15	1
Sat Unsat Un		& 2			I	C 10 7 280 T
Sat Unsat Un	9	() <u>(</u>	AM PM	Tue.	03.24.15	(5.10
at Unsai at	SUIS	998	=	<	3/25/	
Sat Unsat t Un	SURVEILLANCE RESULTS Sat. / Unsat. (circle one)	ع	AM PM	Wed.	5/16	
	LLAN Unsat	වසිර	ΑM	T	3	
Sat Unsat Un	CE R	٤	PM	Thu.	กษาร์	
Unsat Unsat Unsat Unsat Unsat Unsat Unsat U	LANCE RESUL	S.	AM PM	Fri.	03.27.	
Sal Unsat Un	e ETS	7)	_		7	
Sat U		3	MA	Sat.	3/28/18	
Vinsat Ut Vinsat Vins		4	PM ,	•	1	
Sat	4	280	AM P	Sun.	73- 52.E.O	
Just Just Just Just Just Just Just Just		3.	PM	_		

ATTACHMENT A: Per Shift Surveillance Rounds [UET]

				4.1.1.4		SRS	SP.	be used if ne PDIs used.	he OC when		
			100	< laboratory APs < basement APs for areas 100, 200, 300	Glovebox exhaust	Description		be used if necessary. Document any alternate PDIs used.	the OC when possible, local PDI equivalents may	Note	
		400 Arca	300 Area	100 Arca	200 Area	Area		nt any alte	ken on ra I equivale		
	Comple	PDI-864-2 PDI-852-2 PDI-854-2	PDI-870-2 PDI-853-2 PDI-854-2	PDI-820-2 PDI-802-2 PDI-804-2	PDI-814-2 PDI-803-2 PDI-804-2	Gauge		mate	nts may	-	
	Completion Time	PDI-864-2 2 < PI	PDI-870-: 2 < PI	PDI-820-: 2 < PI	PDI-814- 2 < P	Aced Cr		ŧ			
		PDI-864-2 < PDI-852- 2 < PDI-854-2	PIDI-870-2 < PIDI-853- 2 < PIDI-854-2	PDI-820-2 PDI-802-2 PDI-804-2 PDI-804-2 PDI-804-2	PDI-814-2 < PDI-803- 2 < PDI-804-2	Acceptance Criteria	Initials:	Shin:	Weekday:	Date:	
	hzta						B	3	Mon.	03-23-15	
	mey last on 9	(Sal Unsat	8at) Sal Insat Unsat	(Sat) Unsat	Sat (Sat) Insat Unsat		B	PM	3	35	(Page 3 of 3)
2	b.Lo	Sati	Sat	Sar Unsar	Sar		B	Σ	Tuc	27-12	01.
	25	(gar Unsat	(Sat) Unsat	(Sar) Unsat	€ap Unsat	3	130	PM	ř.	F-15\	۳
	0170	Unsat	Sat Unsat	Sau	(Sat) (Sat Unsat Unsa	SU	B B	ž	Wcd	3/25/1	
		Unsat	(Sa)) Program	Unsat	RVEI Sat.	3	PM	8	3/18	
2	1920 0732 1925	Unsat	Unsat (Sat)	Unsat	Sat ut Unsat	LLAP Unsat	94	×	ⅎⅎ	3/20	
	\ \ \ \	(Sak Unsat	Say Unsat	Unsat	Unsat	Eire CE H	>	ž	Thu	3/26/15	
Š	320	Sail	TO SERVICE OF THE PERSON OF TH		Unsat Unsat Unsat	SURVEILLANCE RESULTS Sat. (Direle one)	80	À M	Fi	03.27.15	
	1928	(Sar) Unsat	msat Unsat	L'nsat	Sat Unsat	TS	3	Mel	2.	· 57	
<u>(</u>	C KC	Sat	(Sal) Unsat	Unsat Onsat	Sat)	3	MV	Sat	4	3/2
	THE PERIOD OF TH	(Sat) Unsat	Unsat V	Sa) Unsat	(Sat) (San) Unsat Unsat		100 R	РМ	F _	*	3/28/205
	978 475 1924 0051 1934	(Sal Sal) (Sar (Sar) (Sa	Sai (Sai) (Sai) (Sai) (Sai (Sai (Sai) (Sai	(Sat)	(Sat)		B	MV	Sun	03.29-18	
	1934	Sar Unsat	Sat Unsut	Unsat	Unsat	=-{	D	PM	ិ	29-18	

Note: 1 Mode 2 acceptance criteria is < 0.00 in. we Note: 2 SRs 4.1.2.x only apply during mode 2 in accordance with LCO 3.1.2.

Completed by: Date 3/24/15 time 1934 Reviewed by: 1835

On-dufy Supervisor

Comments: 200 HER MINNEBOY PERDING TALEN ON FLS FUT 2014D POT . SIH BESSE

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 1 of 4)

storage cabinet. The gas concentration readout directly on the detector in the storage cabinet is compared with the gas concentration readout on 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 the system control and alarm panel. The difference between the two readings is checked to VERIFY it is in the range of $(\geq -0.1; \leq 0.1)$.

						,		
			4.4.1.1	SR				
	(LCD Reading) (LED Reading)	(DET-305-3) – (CP-305H)	CP-305-H (LED Reading)	Flammable Gas Channel Check DET-305-3 (LCD Reading)	Description / Gauge			
Completion Time: 0830	≥-0.1; ≤+0.1	Record Calculated Value		N _A	Acceptance Criteria	Initials:	Weekday:	Date:
0830	Sar. Unsat.	0	0.0	0.0		113	Mon.	Date: 3/23/15 3/24/2015
0805	Sar. Unsat. (Sat / Unsat. (Sat.)	0.0	0	00	70	B	Tue.	3/24/2015
0813	Sat / Unsat.	0.0	0.0	0.0	SURVEILLAN	Jm	Wed.	3/25/15
0825	Say/ Unsat.	0.0	0.0	0.0	CE RESULTS (percentage)	an	Thu.	3/26/15
889 2080	Say/ Unsat. (Say/ Unsat. (Sat) / Unsat.	0.0	0.0	0. 0	(percentage)	1	Fri.	3/27/15 05/20/18
8 हुने 8	San / Unsat.	6.6	S S	& .g		X Fel	Sat.	03/23/K
6230	(Sat) / Unsat.	0.0	0,0	0,0		488	Sun.	3/29/15

Surveillance Rounds ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side)[UET]

(Page 2 of 4)

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	_	4.1.3.4			4.1.3.4			į	7117			4.1.3.4			4.1.3.4		4.1.3.4	383			
(FF859) AP	exhaust filter plenum	300 area special recovery glovebox		(FF855) AP	300 area glovebox		(FF858) AP	exhaust filter plenum	300 area special		(FF854) AP	300 area glovebox		810) AP	South Corridor supply (HVP-	(HVP-841) AP	South basement	Description			
PDI-821-4	PDI-821-3	PDI-821-1	PDI-818-5	PDI-818-4	PD1-818-2	1-818-1	PDI-819-4	PDI-81 9-3	PDI-81 9-1	PD1-817-5	PDI-817-4	PDI-817-2	PDI-817-1	PDI-895-2	1-568-10d ₁	PDI-894-2	'PDI-894-1	Gauge			
≤2,0 & > 0 ¹ in. wc	<2.0 & > 0 ¹ in. wc	$\leq 2.0 \text{ &} > 0^1 \text{ in. wc}$	$\leq 2.0 \& > 0^{1}$ in. wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	≤2 0 & > 0 in. wc	$\leq 2.0 \& > 0^1 \text{ in, wc}$	$\leq 2.0 \& > 0^{3} \text{ in. wc}$	$\leq 2.0 \& > 0^1 \text{ in. wc}$	≤2.0 & > 0¹ in, wc	$\leq 2.0 \text{ & } > 0^1 \text{ in, wc}$	≤2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^1$ in, wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	≤2.0 & > 0¹ in. wc	< 2.0 & >01 in. wc	≤2.0 & > 0 nn. wc	$\leq 2.0 \text{W} > 0^{1} \text{in. wc}$	Acceptance Criteria	Initials:	Weekday:	Date:
. 40	. 45	.40	. 36	. 3/	. 3/	. 27	STRY	STAN	1843	5784	787	5-84	3784	60	.07	. ১১১	.07		T	Mon.	3/23/15
o.	54.	Ŧ.	.30	N.	.38	.27	STBY	STBY	STBY	STBY	STBY	STBY	STBY	.60	80.	. 55	.07		BF	Tue.	724/2015
20	F	.40	.30	. 3 /	. 32	.27	3784	SUBY	\$5-8Y	STRY	578	5784	STBY	160	. 0	.56	.07	SURVI	42	Wcd.	3/25/15
.39	44	oh:	Ü	322	32	.27	57.84	STBV	5781	STBY	STBY	STBY	5701	.60	.07	.55	۲٥.	SURVEILLANCE RESULTS (in. we)	gn	Thu.	3 26/15
. 39	. 45	.40	.30	. 32	. 32	1 :			5784		`	45.84	3789	. 60	90.	. 56	60.	SULTS	146	Fri.	3/27/15
29	.45	, HØ	.300	32	3	£ _	Stav	Sthow	SHAY	SHOV	Sta	stby	Stay	(84	.gr8	.65	FØ.		1 m	Sat.	5/8T/S
. 39	sep.	.40	-30	,32	.32	, 27	5701	57aY	አፀጋዳ	57 BY	HOIS	ታ(βነ	Sna4	,60	80,	. 575	F ₁		JA	Sun.	21 22 12

Surveillance Rounds ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 3 of 4)

									_			_	T				T	_		
			4.1.1.7					4134			4.1.3.4				4.1.3.4) SNC			
	filter plenum (HVP-806) AP	300 area re-circulation		filter plenum (HVP-805) AP	300 area re-circulation		filter plenum (FF-829) AP	South Basement exhaust		(FF857) AP	400 area glovebox			(FF856) AP	400 area glovebox		Description			
PDI-837-3	PDI-837-2	lPDI-837-1	PDI-836-3	PDI-836-2	¹ PDI-836-1	PDI-830-3	PDI-830-2	'PDI-830-1	PDI-8235	PDI-823-4	PDI-823-2	1PD1-823-1	PDI-822-5	PDI-822-4	PDI-822-2	¹PDI-822-1	Gauge			
<2.0 & > 0¹ in. wc	$\leq 2.0 \& > 0^{1}$ in. wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	≤2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^{1}$ in. wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^1 \text{ in. wc}$	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	<2.0 & > 0 ¹ in. wc	≤2.0 & > 0¹ in. wc	<2.0 & > 01 in. wc	≤2 0 & > 01 in, wc	<2 0 & >01 in. wc	2.0 & 0 in. wc	$\leq 2.0 \text{ as} > 0^{1} \text{ in. wc}$	Acceptance Criteria	Initials:	Weekday:	Date:
. 39	.40	. 50	.54	.59	.97	. 29	. 30	.69	.49	.48	41	.09	5187	3184	3734	STBY		津	Mon.	3/23/15
.89	.t.	•50	.57	. 59	.97	.29	ÿ	63	So	64	-42	0	STBY	STBY	STBY	этвү		B 7	Tue.	3/24/2015
38	.40	.50	. 56	.58	.97	. 29	90	-69	. 49	.46	.42	.09	रज्ञ(55/84	क्रम्	TRY	SURVI	721+	Wed.	3/25/15
39	40	.50	.\$5	5.	.97	.28	.30	.68	49	.47	.42	,09	STBY	STBY	ABLS	5731	SURVEILLANCE RESULTS (in. we)	an	Thu.	3/26/15
. 39	.40	.50	, 55	. 58	. 97	.29	.30	.69	.49	.45	.42	.09	3187	5787	SIBY	ठाडर	STIUS	+62	Fn	327/15
.37	KON.	.583	ż	.58	.97	, 2 4	38:	. હવ	, L, 3	. '5	בא.	ø9	SH6/	SHOY	CHov	SHOV		Kare K	Sut.	71/28/ED
. 38	.40	,50	.55	58	.97	.28	Š	89,	-49	84.	14.	100	57.64	, ५९).S	5784	7818	C	A B	Sun	32915

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 4 of 4)

z ·		T		-		_	77.00		1		-		2 2		1		- 0	
Non TSR requirement:	8				71.37			4.134				4.1.1.7			35			
ement:	OC Operator Review and Page Count Complete (initials)			plenum (FF-822B) AP	South Bleed off filter		plenum (FF-822A) AP	South Bleed off filter		fitter plenum (HVP-808) AP	400 area re-circulation		filter plenum (HVP-807) AP	400 area re-circulation	Description			
	ge Count Comp		PDI -811 -3	PD1 -811 -2	l-118• Idd	PDI-810-3	יטויג.	¹PDI-810-1	PDI-839-3	PDI-839-2	¹PDI-839-1	PD1-838-3	PDI-838-2	¹PDI-838-1	Gauge		4100	
	lete (initials)	. Completion Time	≤2.0 & > 0 ³ in. wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^1 \text{ in. wc}$	$\leq 2.0 \& > 0^{1}$ in. wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	\leq 2.0 & > 0 ¹ in. wc	$\leq 2.0 \text{ & } > 0^{1} \text{ in, wc}$	$\leq 2.0 \& > 0^{3} \text{in. wc}$	$\leq 2.0 & > 0^4 \text{ m, wc}$	$\leq 2.0 \& > 0^{1} \text{in. wc}$	Ассеріннее Criteria	Initials:	Weekday:	Date:
Û	NA	0903	3	91	OFF	:45	.49	. 14	.61	85.	.42	.50	. 55	. 44		24	Mon.	3/23/15 3/24/2018
380		O8 <i>33</i>	710	940	OFF	.46	.49	<u>ড়</u>	.52	CV	.42	<u>Ů</u>	. 55	.47	:	BF	Tuc.	
Re	N COCK	14 80	2000	OFF	Q H	.42	.45	.14	. 52	58	24.	. 50	55	.47	SURVI	+	Wcd.	3/25/15
100 V	TRAN CECTO	0810	ØFF	off	430	.45	.47	·15	154	.58	.42	15.	.55	.47	SURVEILLANCE RESULTS (in. we)	an	Thu.	3/26/5
850	Se Se	0819	OFF	ಶ್ವರ	0,55	.42	145	74	.52	.58	.43	.50	. 50	.47	SULTS	+6	Pri.	3/27/15
	V	#KS2	のかた	क् र िक	affi Z	Chi	· 方	4	-82 -	oo L	.43	.50	:55	ĘĻ.		Menter	Sat.	05 KV/FJ
		5844	OFF	0fr-	0开	12/	,43	١4,	, 5a	35.	<i>,</i> 43	.50	75,	747			Sun.	3/29/15

Note: SR 4.1.1.7 applies during mode 1 as stated in LCO 3.1.1. SRs 4.1.3.X apply during mode 1 and mode 2 as stated in LCO 3.1.3.

Completed by: Mass Date 3/24/15 Time 0344 Reviewed by: 1565

Comments _

Date: \$31/15 Time: 0647

On-duty Supervisor

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

(Page 1 of 4)

		4.1.3.4			÷									4.1.1.7				SW3			
	(FF-820B) AP	North Bleed off filter	,	plenum (FF-820A) Δl^2	North Rised off filter		filter plenum (HVP-802) AP	200 area re-circulation		filter plenum (HVP-801) \(\Delta P \)	200 area re-circulation		filter plenum (HVP-812) Al'	Vault re-circulation		filter plenum (HVP-811) AP	Vault re-circulation	Description			
	PDI-809-3	1-608-ICd.	PDI-807-3	PDI-807-2	¹PD1-807-1	PDI-832-3	PDI-832-2	¹ PDI-832-1	PDI-831-3	PD1-831-2	¹ PDI-831-1	PDI-841-3	PDI-841-2	PDI-841-1	PDI-840-3	PDI-840-2	'PDI-840-1	Gauge			
1	<2.0 & > 0 ¹ in. wc	≤2.0 & > 0 in. wc	≤2.0 & > 0 ¹ in. wc	≤2.0 & > 0¹ in. wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	<2.0 & > 01 in. wc	≤2.0 & > 0¹ in. wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	$\leq 2.0 \& > 0^3 \text{ in, wc}$	≤2.0 & > 0 in, wc	≤2.0 & > 0 ¹ in. wc	<2.0 & > 0 ¹ in, wc	<2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	<2.0 & >0' in. wc	<2.0 & > 0 in . wc	<2.0 & > 01 in. wc	Acceptance Criteria	Initials:	Weekday:	Date:
<u>+</u>	OFF T	OFF	. 49	. 49	٠١٦	. 55	.60	.32	. 33	.40	33	STBY	STEY	STBY	.50	. 56	.16		il.	Mon.	3/23/2015
OKK	OFF	0£ F	149	. 49	. / 2	. 55	. 60	. 32	-33	0.4	23	STBY	STBY	STBY	. 50	,57	.16		77	Tue.	3-24-15
off	off.	aff	. 48	.ya	./2	.52.	50	3 2	.33	.40	W W	4.81.25	5737	STRY	.50	.56	31.	SURV	gn	Wed.	3/15/ls
0 TI	0FF	740	-	. 50	21.	- 56	.60	.32	. 35	.40	. 33	अष्ठिप	STBY	STBY	.50	.57	-16	SURVEILLANCE RESULTS (in. wc)	75	l	126/2015
U.EO	0 P F	017	. 49	. 50	-12	. 56	. 60	.32	. 35	. to	. 35	STBY	STBY	STBY	- 50	.57	٦١٠.	ESULTS	120	Fri,	3/27/2015
まれ	究	27	3	ėž.	Ħ	3	.(0)	೮	Ċ	. u.	<i>?</i>	Shov	S.J.	क्सिक्	is a	Ů,			1 <u>2</u> 1	Sat.	N. S.
R PR	名	o式	F	140 140	O	.54	. (. Ø	B	E .	, 40°	,32 ·	SIL	\$.	affe	U O	£2.	7.7		Jacon	Sun.	03/20VE

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

(Page 2 of 4)

		4.1.3.4				4.1.3.4					4.1.1.7				4.1.3.4		ě	3		
	(FF853) AP	100 area glovebox			(FF852) AP	100 area glovebox			filter plenum (HVP-804) AP	100 area re-circulation		filter plenum (HVP-803) AP	100 area re-circulation		filter plenum (FF-828) AP	North Basement exhaust	Description			
PDI-816-5	PDI-816-4	PDI-816-2	1-918-10d	PDI-815-5	PDI-815-4	PDI-815-2	¹ PDI-815-1	PDI-835-3	PDI-835-2	¹ PDI-835-1	PD1-833-3	PDI-833-2	¹ PDI-833-1	PDI-829-3	PDI-829-2	¹PD1-829-1	Gauge			
≤2.0 & > 0 ¹ in. wc	≤2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^{1}$ in. wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \text{ & } > 0^{1} \text{ in. wc}$	≤2.0 & > 0 in. wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	≤2.0 & > 0 ¹ in. wc	≤2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^{1} in, wc$	$\leq 2.0 \& > 0^{1} in. wc$	≤2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	≤2.0 & > 0 in. wc	$\leq 2.0 \& > 0^1 \text{in. wc}$	Acceptance Criteria	Initials:	Weekday:	Date:
STBY	STBY	STBY	STBY	· 40	. 38	.43	.19	OH.	.45	135 -15	. 45	1.4.	V O	.30	. 39	-15		B	Mon.	3/23/2015
STBY	STRY	STRY	STBY	94	W 20	.42	- 19	. 40	44	7,	44	.47	>1.0	.30	.39	. 15		PT	Tue.	3-24-15
STBY	STBY	2784	STBY	.40	3	Eh.	19	OFF	.44	-15	.44	34.	21.0	30	.39	. 15	SURV	am	Wed.	3/25/15
STBY	5184	STBY	STBY	Oh:	30 00	.43	٠١٩	14.	5	-16	. 45	. 46	>1.0	.30	.39	- 15	SURVEILLANCE RESULTS (in. wc)	612		126/2015
STRY		STR/	STBY	.40	. 3	.45	-19	141	94-	.16	-54.	, H7	VI.0	.30	.39	.15	ESULTS	49	Fri.	3/27/2015
58	SHD _v	SHO	æ	J. J	÷£,	E	.14	म्ख	- Litt	. 16	. L.A	.HS	71.0	. DØC .	39	N		120 P.		21/8e/58
Star	CHADY	Sitox	CHby	.uo	,3 4	E V	. 16	8	,4H	. F		, 45T	7/.0	.30	36	ថា		Ter wy	Sun.	53/29/5

Surveillance Rounds ATTACHMENT B-2: Daily Surveillance Rounds (PF-4 North Side) [UET] (Page 3 of 4)

	4.1.3.4			4.13.4				1111				i	1 1 1		SRs			
(HVP-863) AP	HIT supply filter plenum		(FF:-865) ∆P	filter plenum				(FF851) AP	200 area glovebox				(I:F850) AP	200 area glovebox	Description			
PD1-863-2	'PDI-863-1	PDI-865-3	PDI-865-2	PDI-865-1	PDI-813-5	PDI-813-4	PDI-813-3	PDI-813-2	1-813-1Cl ^q 1	PD1-812-5	PIDI-812-4	PDI-812-3	PDI-812-2	'PDI-812-1	Cauge			
≤2.0 & >01 in. wc	$\leq 2.0 \& > 0^1$ in. wc	<2.0 & > 01 in. wc	<2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^1 \text{ in. we}$	≤2.0 & > 0 ¹ in. wc	<2.0 & > 0 ¹ m. wc	<2.0 & > 01 in. wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	<2.0 & > 0¹ in. wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \text{ & } > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^3 \text{m}. \text{Wc}$	$(2.0 \text{ & > 0}^{1} \text{ in. wc})$	<2.0 % > 01 in. wc	Acceptance Criteria	Initials:	Weekday:	Date:
-28	. 05	. 37	.32	: 03	STBY	STBY	STBY	STBY	578Y	.32	.38	.40	.37	-16		9F	Mon.	1/23/2015
. 20	, 05	.39	.32	.03	STRV	5 7 8x	STRY	STBY	STBY	 	, so	٠ ٤ ٥	.37	. 16		27	Tue.	3-24-15
. 78	20		.32	53.	STBY	STRY	STB Y	5734	AB-5	<i>د</i> ا دا	-38	0h.	.38	.16	SURV	ym	Wcd.	3/15/15
.28	.05	.39	. 32	.03	ST8Y	STB'/	518Y	STBY	STBY	. 32	. 38	٠ 40	.39	-16	SURVEILLANCE RESULTS (in. wc)	Br	Thu.	8/26/2015
. 28	. 05	.40	.32	20.	STBY	STRY	48-48	STBY	STBY	.52	RS.	٠40	. 39	-16	ESULTS	ŢŢ.	Fi.	1/2015
28	.ds	W 00	20	ده	2	5	計	8# .	S. T.	3)	ಖ ೧೯	Ś	\$	ĸ		3	Sat.	DSV-18/NS
8°C	.OS	7,0	χ,	1 24		F	F	Stov	£	2	Ju Je	у	رب ب ا	Š,		到	Sun.	Q:\/\&\/\x

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

(Page 4 of 4)

Note: SR 4.1 Completed b Comments:					4.3.2.2	, AN		4.1.3.4		4134	SRs			
Note: SR 4.1.3.4 applies during mode 1 and mode 2. Completed by Manally. Tridy Date 3/8/15. Time 265/26 Comments: 2007 206 547	OC Operator Rev				Rooms 201, 204, 206, & 207	Combustible exclusion area around basement exhaust fans FE828, FE829 and bleed-off fans FE820A, FE820B, FE822A, FE822B, FE822C	(HVP-809) AP	North corridor supply filter plenum	(HVP-840) AP	North Basement supply filter plenum	Description			
1 and mode 2. 3/19/15 Time 9	iew and Page Co		!			٨	PD1-856-2	PDI-856-I	PDI-857-2	¹ PDI-857-1	Gauge			
CAT FOR	OC Operator Review and Page Count Complete (initials)	Completion time	between gloveboxes, or up to the walls of the rooms, whichever is less	perpendicular from the face of the PMMA, the width of the aisles		0 lb/ft² combustibles in designated exclusion area (within 15 feet of fans)	<2.0 & > 01 in. wc	≤2.0 & > 0¹ m. wc	<2.0 & > 04 in wc	2.0 & >01 in. wc	Acceptance Criteria	Initials:	Weekday:	Date:
6 pm	R	0927	SAT		87	SAT	50	.06	150	-11		βř	Mon.	3/23/2015
Supervisor	SA / WES	0841	SAT	~		\$47	. 50	70'	05.	./2		Pr	Tue.	3-24-15
Date: 3	SE A	6580	SA .		į	S.J.	150	.07	.50	,p	SURV	On	Wed.	3/25/15
131/15 Time: 0648	a company	2280	SAT			X	• 5°O	.07	. 50	. 13	SURVEILLANCE RESULTS	Br		3/26/2015
8	20/20	0823	SAT			SAT	-50	.07	.50	, 13	ESULTS	7)	ā	3/27/2015
	N X	OFFI D	载			\$,sx	7.0°	:S(S:	Ţ.		1 ²	Sut.	SV&C/5,6
	A P	७ ८५९	5			£	, T	-0lo	л 9			17/18/1	Sun.	JV/5€/50

ATTACHMENT C: Non-PF-4 Daily Surveillance Rounds [UET]

		1	$\overline{}$	_		1		7	7		_	_	1					
T _c			4.3.1.3	43.1.3	43.1.1	4.3.1.1	N	SR							r uguonin	Record S		
mperatures s			RECORD P	RECORD P	RECORD (RECORD (ENSURE A	Description		Daily (Sc					unrougn April only	Record September		!
Temperatures should be recorded using Reference Thermometer FLUKE Model 1524 connected to Thermistor Probe Fluke Model 5610-9 (or approved engineered equivalent).	OC Operator Review and Page Count Complete (initials)		RECORD PF-11 room temperature	RECORD PF-10 room temperature	RECORD fire water storage tank V-704 temperature	RECORD fire water storage tank V-701 temperature	ENSURE M&TE Calibration Data above is recorded and calibration dates have not elapsed.	*1		Daily (September through April only)		PF-10 & PF-11 Pumphouse Room Temperature and V-701 & V-704 Fire Water Storage Tank Temperature		Calibration Expiration Date:	PF-11 Thermometer File No.: Q4	Calibration Expiration Date: 6/	PF-10 Thermometer File No.: 039	
mometer FLUK	Count Complete	Comple	≥ 50.1 F	≥ 50.1 F	≥ 42.1 F	≥42.1 F	Calibration dates have not clapsed.	Acceptance Criteria	S			nuse Room Temp		17/15	042252	17/15	039746	
E Model 15		Completion Time:	70	73	7.		es have	Criteria	Inicials:	Weekday:	Date:	erature and		Calibration	PF-11 Th	Culibration	41. 01-1d	M&TE Ca
524 connected	STATE OF THE PARTY	0936	67.5	62.1	49.9	7.81	SAT JUNSAT		ARJ	Mon.	3/23/15	V-701 & V-70		Calibration Expiration Date:	PF-11 Thermistor File No.:	Calibration Expiration Date:	Pl-10 Thermistor File No.:	M&TE Calibrated Data
to Thermis	A STA	09,09	59.3	61.5	50.4	184	TASHUMINE	İ	7	Tue.	324 15)4 Fire Water		Date: 6/		Date: 6/	Г	:
Red lor Probe Fluk	2000	0905	63.D	61.8	50.6	49.3	(SAT)UNSAT		争	Wed.	3 25 15	Storage Tank		76/15	546373	126/15	042253	=
(3) (3)	040 TOS	0913	61-5	59.9	50.4	49,2	SAT JUNSAT	٨	79	Thu.	3-26-15 327-15	Temperature		Calibratio	V-704 TI	Calibratio	V-701 T	:
O RSB	(May	0810	62.3	61-1	50.6	49.4	TASHUMIAS		7	FI.	327-15			Calibration Expiration Date:	V-704 Thermistor File No.:	Calibration Expiration Date:	V-701 Thermistor File No.:	
O d engincered	18 80 E	CASA	8.13	623	3.15	50.1	SATYUNSAT		80	Sat.	03.28.15		į.	Dute:		Date: 6	$\overline{}$	
l equivalent).	A C	0/60	63.6	62.9	82.7	5 .0	SABUNSAT		BC	Sun.	03.29.15			126/15	040375	126/15	039744	

Reviewed by: _____ On-duty Supervisor

Date: 3/31/15

Time: 0652

Dute 03-29-15

Comments:

Completed by:

ATTACHMENT A: Per Shift Surveillance Rounds [UET] (Page 1 of 3)

		132%		,	,						
)	Note		Date:	3-30-15	3-3/15						
Gauge re	Gauge readings should be taken on rack #4 in the OC.		Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	. .	Sun.
whenever	whenever possible. Document if		Shift:	AM PM	AM PM	AM PM	AM PM	AM PM	ΑM	PM A	AM PM
alien ale i	allengle Pusare used.		Initials:	0 h	Pie						
SRs	Description	Gauge Accept	Acceptance Criteria	,		SURVEI	LLANCE RESULTS	RESULT	S		
							(in. wc)				
2.748	200 area glovebox exhaust header AP	PDI-814-1 or PDI-814-2	≤-1.0 in. wc¹	-198-2.17	-1.97 -2.17	-					
4.1.1.1	100 area glovebox exhaust header AP	PDI-820-1 or PDI-820-2	≤-1.0 in. wc¹	16/16	16-1-19						
. 2000	300 area glovebox exhaust header AP	PDI-870-1 or PDI-870-2	≤-1.0 in. wc¹	8/2/-8/31-	8p.j-88						
	400 area glovebox exhaust header AP	PDI-864-1 or PDI-864-2	≤-1.0 in. wc¹	11:11. OCC	-198-178						
	200 area laboratory header AP	PDI-803-1 or 5 PDI-803-2	≤-0.05 in. wc¹		- 22 - 22					-	
•	100 area laboratory header Al'	PDI-802-1 or 9 PDI-802-2	<-0.05 in. wc ¹	-23 -24	724 - 15						
4.1.1.5 4.1.1.5 4.1.2.2 ²	300 area laboratory PDI-853-1 or header AP PDI-853-2		<-0.05 in. wc ¹	11.	500-20						
	400 area laboratory header AP	PDI-852-1 or 5	≤-0.05 in. wc¹	30 - 20	127-12						
	IFIT Facility AP	PDI-865-4 or PDI-865-5	≤-0.05 in. wc	19-19	19-19		C				
	North basement AP	PDI-804-1 or PDI-804-2	< 0.00 in. wc	01- 10	-10 -10			X			
4.1.1.3 4.1.2.3 ²	South basement AP	PDI-854-1 or PDI-854-2	< 0.00 in. wc	-,10	200-00						
	IRT Tunnel Al?	PDT-901 or PDI-901	< 0.00 in. wc	1091 - Joan	102 - 108						

ATTACHMENT A: Per Shift Surveillance Rounds [UET] (Page 2 of 3)

Dandings	using FC	FMT#15	and 2021 and local p be used if I	SRs										4.1.1.6		G200434							
Note Should be taken	using FCS screens	FMT#151,152,201LD	and 2021D. Field vernication and local plenum PDIs may be used if FCS is unavailable.	Description		200 area re-	circulation fan/	plenum		100 area re-	circulation fan/	plenum		300 area re-	CH CHIACON IAM	plenum	400 area ra	circulation fan/	plenum		Vault re-	fan/ plenum	,
				Readings	G.	FR-801 Icon red and	0,	FR-802 Icon red and	Line Programme Color	PDT-833 AP >.050	Or.	PDT-835 AP > .050	FR-805 Icon rod and	PDT-836 AP>,050	G.	PDT-837 AP > .050	FR-807 Icon red and	0C 0C	FR-808 Icon red and PDT-839 AP > .050	FR-811 Icon redund	PDT-840 AP >.050	FR-812 Icon red and	PDT-841 AP > .050
Date:	Weekday:	Shift:	Initials:	Acceptance	Criteria	At least one	fan/plenum is in	service		At least one	fan/plenum is in	service		At least one	randam is in	service	A+ loos+ one	fan/plenum is in			At least one	service	
23015	Mon.	AM	7			_	(See	\neg		Sat	(Unsat Unsat Unsat Unsat Unsat Unsat L		Sa)	(Unsat Unsat Unsat Unsat Unsat Unsat U	}	Sat	Unsat)	(Sai)	- Image	Chart
2	ñ.	PM	رخ				<u> </u>	ncat		San		Jnsat		Sat	(Jnsat)	Sat	Jnsat)	Sat		-
3-31-18	Tue.	AM PM	9				Oal	lineat				Unsat		E)	(Unsat	3	Sat	Unsat				-
X	ıе.	PM	R)	0	linesi	T		(Unsat		Sal	1	Unsat)	Sat	Unsat		Sat		011301
	£	AM		SUE	S	,	Sat	T near	Ī	S		Unsat		Sat		Unsat	X	Sat	Unsat		Sat		CHOCK
	Wed.	PM		SURVEIL	Sat. / U		Sal	Ineg	Ť	S		Unsa		Sat		Unsai		Sat	Unsat		Sat		CITION
		AM		LLA	Unsai		Sat	Inca	Ť	2 2 2	Ş	Unsa		Sat		Unsa		Sat	Unsat	1	Sat		Ollan
	Thu.	PM		NCE	nsat. (circle one)	<u> </u>	Sat	1 2 2 2	T	3 3 3		Unsa	7	Sat		Unsa		Sat	Unsai		Sat		CILIDA
T		ΑM		RES	cle o		Sat		T	<u> </u>	-	Unsa	1	Sat		Unsa		Sat	Unsa	7	Sat	X	CHOCK
	Fri.	PM		LANCE RESULTS	ne)		Sat	322	T	<u> </u>		Unsa	7	Sat		Unsa		Sat	Unsat	1	Sat	:	non-
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	Sat.	AM PM				\neg	Sat		T	200	Ç	Unsa	1	Sat		Unsa		Sat	Unsa	1	Sat		Olloa
		AM		t			Sat	-	T	<u>^</u>	- Cat	t Unsa	7	Sat		Unsa		Sat	Unsa	1	Sat		Dello I
	Sun.	PM					Sat	Incat I	T	<u>.</u>	701	Insat Unsat Unsat Unsat Unsat Unsat Unsat Unsat	+	Sat		Jnsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat	1	Sat	Unsat	7	Sat	:	Cusar

Surveillance Rounds ATTACHMENT A: Per Shift Surveillance Rounds [UET]

(Page 3 of 3)

			4.1.1.4		SRs		be used if ne	the OC when	
		2 6 6	< haberatory APs < basement APs for areas 100, 200, 300	Glovebox exhaust header APs	Description		be used if necessary. Document any alternate PDIs used.	the OC when possible, local PDI equivalents may	Note
	400 Arca	300 Area	100 Arca	200 Area	Area		nt any alte	ken on ra I equivale	•
Comple	PD1-864-2 PD1-852-2 PD1-854-2	PDI-870-2 PDI-853-2 PDI-854-2	PDI-820-2 PDI-802-2 PDI-804-2	PDI-814-2 PDI-803-2 PDI-804-2	Gauge		mate	nts may	-
Completion Time	PDI-864-2 PDI-852-2 PDI-864-2 < PDI-852- PDI-854-2 2 < PDI-854-2	PDI-870-2 < PDI-853- 2 < PDI-854-2	PDI-820-2 PDI-802-2 PDI-804-2 PDI-804-2 PDI-804-2	PDI-814-2 < PDI-803- 2 < PDI-804-2	Aeceptance Criteria	Initials:	Shift:	Weekday:	Date:
0130 1420 0130	(Sat) Unsat	(Sa) Unsat	(Sat) Unsat ((Sat) Unsat)	R	Α	Mon	2-2
1470	(Sai)	(Sat) Unsat	Saturnsat	(Sat Unsat)	il	ř) ja	3-30-15
offo	(gg) Unsat	(Sa) Dynsat	(a) Unsat	Sal) Unsat		P	Μ	Tue	12
विद्रय	(Sat Unsat	(Sa) Unsat	(Sar Unsat	(Sat) Unsat)	7	ΡM	<u>ة</u>	3-31-13
	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	SU		AW.	Wed	``
	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	SURVEILLANCE RESULTS Sat. / Unsat. (circle one)		Md	ed.	
	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	LLAN		MΑ	-:	
	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	CE F		PM	Thu.	
	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	(ESU)		ΜN	- T	
	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	LTS		Md	l'a	
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	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat			I.V.I	Sun.	

Comments:	Completed by: Proll	Note: 2 SRs 4.1.2.x only apply during mode 2 in accord
	Date 3/11/15 Time 1932	Note: ² SRs 4.1.2.x only apply during mode 2 in accordance with LCO 3.1.2.
On-duly supervisor	Date 3/11/15 Time 1432 Reviewed by: Reviewed by:	16
rvisor	Date: 3/4 Time: 071/3	

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 1 of 4)

SR 4.4.1.1, The OPERABILITY acceptance criterion for this surveillance is:

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). The FLAMMABLE GAS detector in the FSTF FLAMMABLE GAS SOURCE storage cabinet is exposed to the ambient atmosphere in the

	T						_		
:			4.4.1.1	SR					
	(LCD Reading) (LED Reading)	(DET-305-3) - (CP-305H)	CP-305-H (LED Reading)	Check DET-305-3 (LCD Reading)	Flammable Gas Channel	Description / Gauge			
Completion Time:	>-0.1; <+0.1	Record Calculated Value	•	NA	(Acceptance Criteria	Initials:	Weekday:	Date:
0842 0.00/0/2	Sa) / Unsat.	0.0	0.D	0.0			BF	Mon.	Date: 1/30/2015
0750	€aD/ Unsat.	0.0	0	0.0			38	Tue.	3/31/2015
	Sat. Unsat.					SURVEILLAN		Wed.	-
	Sat. / Unsat. Sat. / Unsat. Sat. / Unsat. Sat. / Unsat.					CE RESULTS (percentage)		Thu.	
	Sat. / Unsat.			L		(percentage)		Fri.	
	Sat. / Unsat.			,				Sat.	
	Sat. / Unsat.							Sun.	

Surveillance Rounds ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side)[UET]

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		7117			4.1.3.4				7117			4.1.3.4			4.1.3.4		4.1.3.4	SAS	66		
(FF859) AP	exhaust fitter	300 area special recovery glovebox		(FF855) AP	300 area glovebox		(FF858) AP	exhaust filter plenum	300 area special		(FF854) AP	300 area glovebox		810) AP	South Carridor supply (HVP-	(HVP-841) AP	South basement	Description			
PDI-821-4	PDI-821-3	PDI-821-1	PDI-818-5	PDI-818-4	PD1-818-2	¹ PDI-818-1	PDI-819-4	PD1-81 9-3	PDI-81 9-1	PDI-817-5	PDI-817-4	PDI-817-2	¹PDI-817-1	PDI-895-2	1-568-ICId ₁	PDI-894-2	1PD1-894-1	Gauge			
$\leq 2.0 \text{ & } > 0^{1} \text{ in, wc}$	≤2.0 & > 0¹ in. wc	$\leq 2.0 \& > 0^{1}$ in. wc	≤2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^1 \text{in. wc}$	$\leq 2.0 \& > 0^{1} \text{ in, wc}$	$\leq 2.0 \& > 0^1 \text{ in. wc}$	<2.0 & > 0 ¹ in. wc	≤2.0 & > 0¹ in. wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	$\leq 2.0 \& > 0^{1} in. wc$	≤2.0 & > 0 ¹ in, wc	≤2.0 & > 0' in. wc	≤2.0 & > 01 in wc	≤ 2.0 & > 0 ¹ in, wc	2.0 & 0 n. wc	$\leq 2.0 \text{eV} > 0^{1} \text{in. wc}$	Acceptance Criteria	Initials:	Weekday:	Date:
.39	. 4s	٠4٥		.32	- 33	.27	STBY	STBY	STBY	STBY	STBY	STBY	STBY	60	.09	,56	. 07		77	Mon.	3/30/2015
.39	.45	٠40	.30	.32	. 33	. 27	STBY	STBY	St By	STBY	2184	7878	8784	.60	.09	. 56	.07		B T	Tue	3/31/2015
				:	•													SURVI		Wed.	
																		SURVEILLANCE RESULTS (in. we)		Thu.	
					n n													SILIUS		l'ri,	
								,												Sat.	
																				Sun.	

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 3 of 4)

		-	<u>+</u>					<u> </u>							<u>.</u>		<u> </u>	T		
			4.1.1.7					-			4.1.3.4			_	4.1.3.4		SES			
	filter plenum	300 area re-circulation		filter plenum	300 area re-circulation		filter pleaum (FF-829) AP	South Basement exhaust		(FF857) AP	400 area glovebox	-		(FF856) AP	400 area glovebox		Description			
PDI-837-3	PDI-837-2	PDI-837-1	PDI-836-3	PD1-836-2	¹PDI-836-1	PD1-830-3	PIDI-830-2	'PDI-830-I	PDI-8235	PDI-823-4	PDI-823-2	¹ PDI-823-1	PDI-822-5	PDI-822-4	PDI-822-2	PDI-822-1	Gauge			
≤2.0 &>0¹ in. wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^{1}$ in. wc	$\leq 2.0 \& > 0^{1}$ in. wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	≤2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^{1}$ in. wc	≤2.0 & > 0¹ in. wc	$\leq 2.0 \& > 0^{1}$ in, we	$\leq 2.0 \& > 0^{1}$ in. wc	$\leq 2.0 \& > 0^{1}$ in. wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	<2.0 & > 0 in. we	<2.0 & -0' in. wc	≤2.0 & > 0 ¹ in. wc	Acceptance Criteria	Initials:	Weekday:	Date:
.39	.4.	. 50	.57	.58	. 97	.29	. 00	. 70	.49	. ts	42	000	STBY	STBY	STBY	STBY		73		3/80/2015
.39	14.	.50	.57	.58	. 97	. 29	. 31	70	.49	P. 49	.43	.09	5787	STBY	STBY	STBY		32	Tue.	3/31/2015
(a				4					-								SURVE		Wed.	
														19			SURVEILLANCE RESULTS (in. we)		Thu.	
																	SILIUS		ŀ'n.	
												3							Sat.	
																			Sun.	

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET]

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N _c		Т	T												Т	T		
Non TSR requirement:	80			4.1.4			-	- - -				4.1.1.7			SRS			
ement:	OC Operator Review and Page Count Complete (initials)			pienum (I/F-822B) AP	South Bleed off filter		pleaum (FF-822A) AP	South Bleed off filter		filter plenum	400 area re-circulation		filter pleaum	400 area re-circulation	Description			
	ge Count Comp		PDI -811 -3	PDI -811 -2	PDI -811 - 1	PD1-810-3	PDI-810-2	'PD1-810-1	PDI-839-3	PDI-839-2	'PDI-839-I	PD1-838-3	PDI-838-2	¹PD1-838-1	Свидс			
	lete (initials)	. Completion Time	≤2.0 & > 0 in. wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	<2.0 & > 0 ¹ in, wc	$\leq 2.0 \& > 0^1$ in. wc	$\leq 2.0 \& > 0^{4} \text{ in. wc}$	$\leq 2.0 \& > 0^1 \text{ in, wc}$	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^{1} \text{ in, wc}$	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	≤2 0 & > 0 tm, wc	<2.0 & 0¹ in. wc	Acceptance Criteria	Initials:	Weekday:	Date:
	830 P	0920	OFF	077	OFF	. 4S	.47	- 15	-55	.59	744	- 51	. 55	- 48		δF	Mon.	3/30/2014
B	Papa	0815	025	OFF	730	. 43	.43	-15	.55	- হত	. 44	.51	.55	.48		70	Tue.	3/31/2015
		*													SURVE		Wed.	
															SURVEILLANCE RESULTS (in, wc)		Thu.	
															SULTS		Fn.	
i						_											Sat.	
																	Sun.	

Note: SR 4.1.1.7 applies during mode 1 as stated in LCO 3.1.1. SRs 4.1.3.X apply during mode 1 and mode 2 as stated in LCO 3.1.3.

Completed by: 3. Forzotton Date 3/5/615 Time 0940 Reviewed by:

On-duty Supervisor

Date: 4/1/15 Time: 0744

Comments

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

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			-																		
	4.1.0.4	2		10000	1									4.1.1.7				SRS			
	plenum (FF-820B) AP	North Bleed off filter	(1,0,00,00)	plenum			filter plenum (HVP-802) AP	200 area re-circulation		filter plenum	200 area re-circulation	,	filter plenum	Vault re-circulation		filter plenum	Vault re-circulation	Description			
PDI-809-3	PDI-809-2	1-608-1Cldt	PDI-807-3	PD1-807-2	¹ PDI-807-1	PDI-832-3	PDI-832-2	¹ PDI-832-1	PDI-831-3	PDI-831-2	¹ PDI-831-I	PDI-841-3	PDI-841-2	'PD1-841-1	PDI-840-3	PDI-840-2	'PD1-840-1	Gauge			
$\leq 2.0 \text{ & } > 0^{1} \text{ in. wc}$	<2.0 & > 01 in. wc	$<2.0 &>0^{1}$ in. wc	≤2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^{1} \text{ in. we}$	≤2.0 & > 0 ¹ in. wc	≤2.0 & > 0¹ in. wc	<2.0 & > 01 in. wc	<2.0 & > 01 in. wc	<2.0 & > 01 in. wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	≤2.0 & > 0¹ in, wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	≤2.0 & > 0¹ in. wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	≤2.0 & > 0 ¹ in, w¢	<2.0 & > 0 in . wc	<2.0 & >01 m. wc	Acceptance Criteria	Initials:	Weckday:	Date:
OFF	OFF FI	O H H	· 49	ig	٠١٥	.52	.60	. 32	.37	40	. 33	Sales	\$75 \$45	3184	.50	. 53	.16		+	Mon.	3/30/2015
077	OFF	OFF	.49	,50	-12	.55	-60	-52_	. 8	.vo	CAS	STBY	STBY	STBY	.50	٠.১%	ط۱.	5	7	Tuc	3/31/2015
										25						H	4.	SURVI		Wed.	
		,													83			SURVEILLANCE RESULTS (in. we)		Thu.	
																	ļ	SILIN		Fri.	
																				Sat.	
																				Sun.	

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

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			÷				<u>+</u>					<u>+</u>				<u>.</u>			T		
		10	4.1.3.4				4.1.3.4					4.1.1.7				4.1.3.4		SKS			
		(FF853) AP	100 area glovebox			(FF852) AP	100 area glovebox			filter plenum	100 area re-circulation		filter plenum (HVP-803) AP	100 area re-circulation		filter plenum (FF-828)	North Busement exhaust	Description			
	PD1-816-5	PDI-816-4	PDI-816-2	1-918-1dd	PDI-815-5	PD1-815-4	PDI-815-2	1-818-IGq1	PDI-835-3	PDI-835-2	¹PD1-835-1	PDI-833-3	PDI-833-2	'PDI-833-1	PDI-829-3	PDI-829-2	¹PDI-829-1	Gauge			
	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^1 \text{ in. wc}$	$\leq 2.0 \& > 0^{1} \text{ in. we}$	≤2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	$\leq 2.0 \& > 0^1 \text{ in. wc}$	$\leq 2.0 \& > 0^1 \text{ in. wc}$	≤2.0 & > 01 in. wc	≤2.0 & > 0¹ in. wc	≤2.0 & > 0¹ in. wc	≤2.0 & > 0 in. wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	≤2.0 & > 0 ¹ in. wc	<2.0 & >0 ¹ in. we	≤2 0 & > 0 in. wc	$\leq 2.0 \text{ & } > 0^1 \text{ in. wc}$	Acceptance Criteria	Initials:	Weekday:	
	375V	STBY	STBY	STBY	.40	. 35	.45	-19	. 41	.46	-16	: 47	- 48	y	. 30	.39	-15		т	Mon.	2/5
	STBY	STBY	STBY	STBY	.40	.35	.45	- 19	14.	94.	6	94,	84.	71.0	.30	.39	. 15			Jue.	2/03/
							5							SI				SURVE		Wed.	
																9	*	SURVEILLANCE RESULTS (in. wc)		Thu.	
-										10								SULTS		<u>.</u>	2
																		11	6	Sat.	
																		:		Sun.	

Surveillance Rounds ATTACHMENT B-2: Daily Surveillance Rounds (PF-4 North Side) [UET] (Page 3 of 4)

			_			_					_						111		_
		4 1 1 4			4.1.4		_		1					4134		SKS			
	(HVP-863) AP	IFIT supply filter plenum		(FF-865) AP	filter plenum				(FF851) AP	200 area glovebox				(FF850) AP	200 area glovebox	Description			
	PDI-863-2	¹ PDI-863-1	PD1-865-3	PDI-865-2	lbDI-865-1	PDI-813-5	PDI-813-4	PDI-813-3	PDI-813-2	1PIDI-813-1	PDI-812-5	PDI-812-4	PDI-812-3	PDI-812-2	¹PI)1-812-1	Cauge	2.		
	≤2.0 & >0 ¹ in. wc	$\leq 2.0 \& > 0^{1}$ in. wc	$\leq 2.0 \& > 0^{1} \text{in. wc}$	≤2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	≤2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	≤2.0 & > 0¹ in. wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	<2.0 & > 0" in, wc	$\leq 2.0 \& > 0^{3} \text{m. wc}$	<2.0 & > 0 in. wc	$<2.0 \text{ %} > 0^1 \text{ in. wc}$	Acceptance Criteria	Initials:	Weekday:	Date:
	. 28	20.	4	. 32	. 03	2181	उन्हर	578y	STBY	STBY	iu N	.36	.38	.39	.15		87	Mon.	3/30/2015
	. 29	Q	. 59	. 32	.03	STBY	\$ ተ ያሃ	STBY	SrBY	STBY	.32	.37	.3 80	.39	. 16		8,2	Tuc.	731/2015
	4		5													SURVE		Wed.	
						27										SURVEILLANCE RESULTS (in. wc)		Thu	
																SULTS		Fi	
																		Sat.	
82						×												Sun.	

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

		Date:	3/30/2015	3/31/2015					
		Weekday:	Mon.	Tue.	Wed.	Thu.	Fi.	Sat.	Sun.
			48	Br					
SRs Description	Gauge	Acceptance Criteria			SURV	SURVEILLANCE RESULTS	SULTS		
North Basement supply	PDI-857-1	2.0 & >01 in. wc	.07	. වදි					
(HVP-840) AP	PDI-857-2	<2.0 & 0 in. wc	. 5a	. 50					
4.1.3.4 North corridor supply	1-958-IGd ₁	<2.0 & > 01 in. wc	.06	.07		į			
(IIVP-809) ∆P	PDI-856-2	≤2,0 & > 0 ¹ in, w¢	-51	.51					
Combustible exclusion area around basement exhaust fans FE828, FE829 and bleed-off fans FE820A, FE820B, FE822A, FE822B, FE822C		0 lb/ft² combustibles in designated exclusion area (within 15 feet of fans)	7,7	SAT					
4.3.2.2 Rooms 201, 204, 206, & 207		o lb/n² 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					
		Completion time	<u>ල</u>	0320					
OC Operator Rev	view and Page Co	OC Operator Review and Page Count Complete (initials)	D	R 240					
Non TSR requirement Note: SR 4.1.3.4 applies during mode 1 and mode 2.	l and mode 2.		1	0/3		Q			
Completed by: D. Forestan Date Comments:	Date 15/2015 Time 0941	Reviewed by:	2	On-duty Supervisor	Date: 4/1/15	1/15 Time 0743			

ATTACHMENT C: Non-PF-4 Daily Surveillance Rounds [UET]

6/24/15	Calibration Expiration Date: 6/26/15	6/26/15	Calibration Expiration Date: 6/26/15	chris	Calibration Expiration Date: 4/17/15	
40375	V-704 Thermistor File No.:	40373	PF-11 Thermistor File No.:	42252	PF-11 Thermometer File No.: 42252	through April only
4/24/15	Calibration Expiration Date: 4/24/15	6/26/15	Calibration Expiration Date: 6/24/15	Winles	Calibration Expiration Date: 677/15	Record September
39744	V-701 Thermistor File No.: 39744	42253	PF-10 Thermistor File No.: 42253	39746	PF-10 Thermometer File No.: 39746	
			M&TE Calibrated Data			

					(100)	10 0400	(minus)		
					0	2	ount Complete (initials)	OC Operator Review and Page Count Complete (initials)	
					08/5	0857	Completion Time:		
					623	61.2	≥ 50.1 F	RECORD PF-11 room temperature	43.13
	,				C2-8	45.7	≥ 50.1 F	RECORD PI-10 room temperature	43.131
					53.6	53.4	≥ 42.1 F	RECORD fire water storage tank V-704 temperature	4.3.1.1
					51.8	51.4	≥ 42.1 F	RECORD fire water storage tank V-701 temperature	4.3.1.1
TASNUA TAS	SAT JUNSAT	LVSNIV LVS	LVSNn/LVS	SAT /UNSAT	EAT UNSAT	GAIJ UNSAT	Calibration dates have not clapsed.	ENSURE M&TE Calibration Data above is recorded and calibration dates have not clapsed.	Z >
							Acceptance Criteria	Description	SR
					7	#	Initials:		
Sun.	Sat.	ŀń,	Thu.	Wed.	Tue.	Mon.	Weekday:	Daily (September through April only)	<u>.</u>
					3 31 15	3//s	Date:		
			emperature	Storage Tank Temperature	4 Fire Water	d V-701 & V-70	PF-10 & PF-11 Pumphouse Room Temperature and V-701 & V-704 Fire Water St	PE-10 & PE-11 Pumpha	

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

Reviewed by: 515	Completed by: 2 Very glasty
Dato Time:	Date 3 31 15 Time
340	Time 084

Comments:

ATTACHMENT D-1: Monthly Surveillance Rounds (Confinement Doors) [UET]

(Page 1 of 2)

							L
t) T	2015	9090	Sa) / Unsat.	AND VERIFY and RECORD the time (using calibrated stop watch) that the door(s) go to the fully closed position via the automatic door closure is \$30 seconds. # 59 Seconds	Seatting	COMMERSIANI ENVI ENVIOLE	
정	3/1/2015	Olbo	ி வ் / Unsul.	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).	Nodhuss	Confinement Door DR-107	33
TI TI	2015	2160	Cat./ Unsat.	Verify that the Astragals and Jamb-Scal 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	Northwest	Confinement DR-102	*Note
BF.	3/1/2015 BF	1335	Sip) / Unsat.	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure. For each confinement door, VERU:Y that one leaf of the door(s) is secured shut (NW, NE, SW, SE, south basement door).	Northeast	Confinement Door DR-149	4.1.3.2
t) T	3/1/2015	1339	🔊 / Unsat.	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).	Southeast	Confinement Door DR-344	4.1.3.2
a F	3/11/5	6 881	(Sa) / Unsat.	Verify that the Astragals and Jamb-Seal features are in-place and cover the gaps present I. Between the door leaves and 2. Between the frame and the door edge when the doors are in the closed position	Southeast	Confinement DR-344	Note
Initials	Date:	Completion Time:	Sat or Unsat.	Acceptance criteria	Lacation	Equipment	SHS

Requirements for LANL Building TA55-4 (PF-4); Installation of New Confinement Doors DR-102, DR-302, and DR-344 LANL-DOE-ORDER-420, LB-EQ-2013-001 *Note: Monthly Inspection of DR-344 and DR-102 in accordance with compensatory measure(s) from: Request for Permanent Equivalency to OF. Order 420, 18 Chapter II, NFPA 80, NFPA 101 and IBC

ATTACHMENT D-1: Monthly Surveillance Rounds (Confinement Doors) [UET]

(Page 2 of 2)

Exercise fully open and Verify that the door goes to the fully closed position Confinement Door Conf	n	Complete	OC Operator Review and Page Count Complete	or Review an	OC Operate			
Equipment Location Acceptance criteria Acceptance criteria Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure. Confinement Door DR-302 Confinement Door DR-302 Southwest AND VERIFY and RECORD the time (using calibrated stop watch) that the door(s) go to the fully closed position via the automatic door closure is ≤ 30 seconds. Exercise fully open and Verify that the door goes to the fully closed position via the Personnel door Personnel door N. Basement Personnel door Via the automatic door closure. Exercise fully open and Verify that the door goes to the fully closed position Via the automatic door closure. Exercise fully open and Verify that the door goes to the fully closed position Unsait. 1347 And Verify and RECORD the time (using calibrated stop watch) that the door goes to the fully closed position Unsait. 1347 And Verify and RECORD the time (using calibrated stop unsait. Sal. Unsait. 1346 Angulary 2045 2045	+01	2015		Unsat.	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).	South Basement Door (Tunnel)	Confinement Door DR-90	4.1.3.2
Exercise fully open and Verify that the door goes to the fully closed position via the automatic door, VERIFY that one leaf of the door(s) is secured shut (NW, NE, SW, SE, south basement door). Confinement Door DR-302 Southwest AND VERIFY and RECORD the time (using calibrated stop watch) that the door(s) go to the fully closed position via the automatic door closure is \(\leq 30 \) seconds. Completion Date: Unsat. 347 3/205	60	ነ ካ		Unsat.	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure.	N. Basement Personnel door DR-4	Confinement Door DR-4	4.1.3.2
Exercise fully open and Verify that the door goes to the fully closed position via the automatic door, VERIFY that one leaf of the door(s) is Confinement Door	W T	3/1/20/5	i i	(Sal.) Unsat.	AND VERIFY and RECORD the time (using calibrated stop watch) that the door(s) go to the fully closed position via the automatic door closure is \(\leq 30\) seconds.	Solitawasi	DR-302	Ė
Location Acceptance criteria Sat or Time:	T	3/1/205		Unsat.	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure. Eur each confinement door, VERIFY that one leaf of the door(s) is secured shut (NW, NE, SW, SE, south basement door).		Confinement Door	
	Initials	Date:	Completion Time:	Sat or Unsat.	Acceptance criteria	Location	Equipment	SRs

Completed by: DRIAN FORDHAM	Note: SR 4.1.3.2 applies during mode 1 and 2.
Date 3/1/201	
N.	
Time Hoc	
00	
eviewed by:	
R	
0	
Date: 3/11/15	
Time:	
1408	

On-duty Supervisor Comments: _

ATTACHMENT D-2: Monthly Surveillance Rounds (CAS) (Operations Center) [UET]

			(Page 1	of 1)	
SR	Desc	ription	Acceptance Criteria	Sat. / Unsat.	Initials
	Channel #	Location			
4.2.1.1		Rm. 201	> I mR/hr	Sat / Unsat	dos
	2	Rm. 106	> 1 mR/hr	Sat / Unsat	1.25
	3	Rm. 305	> 1 mR/hr	(Sat) / Unsat	for
	4	Rm. 401	> 1 mR/hr	Sat / Unsat	SU?
	5	Rm. 206	> 1 mR/hr	(Sat) / Unsat,	407
	6	Rm. 114	> 1 mR/hr	(Sat / Unsat.	Los
	7	Rm. 319 W	> 1 mR/hr	(Sat)/ Unsat	- Jeo
	8	Rm. 409	> 1 mR/hr	(Sat.)/ Unsat.	6
	9	Rm. 208	> 1 mR/hr	Sat // Unsat	402-
	10	Rm. 124	> 1 mR/hr	(Sat) / Unsat.	Los
	11	Rm. 319 E	> 1 mR/hr	(Sat.)/ Unsat.	for
	12	Rm. 420	> 1 mR/hr	(Sat.)/ Unsat	Sw.
	13	Rm. 209	> 1 mR/hr	Sat / Unsat	dw "
	14	Rm. 126	> 1 mR/hr	Sat. / Unsat.	des
	15	Rm. 327	> 1 mR/hr	(Sat.) Unsat.	Los
	16	Rm. 429	> I mR/hr	Sat. / Unsat.	Sio
	17	Vault 17	> t mR/hr	(Sat / Unsat.	Sw
	18	Vault 18	> 1 mR/hr	(Sat.)/ Unsat	Suo
	19	Vault 19	> 1 mR/hr	Sat // Unsat.	Sus
	20	Vault 20	> 1 mR/hr	(Sat / Unsat.	her

Note: These readings SHALL be taken on the rate meters in rack RK-801-3 in the OC.

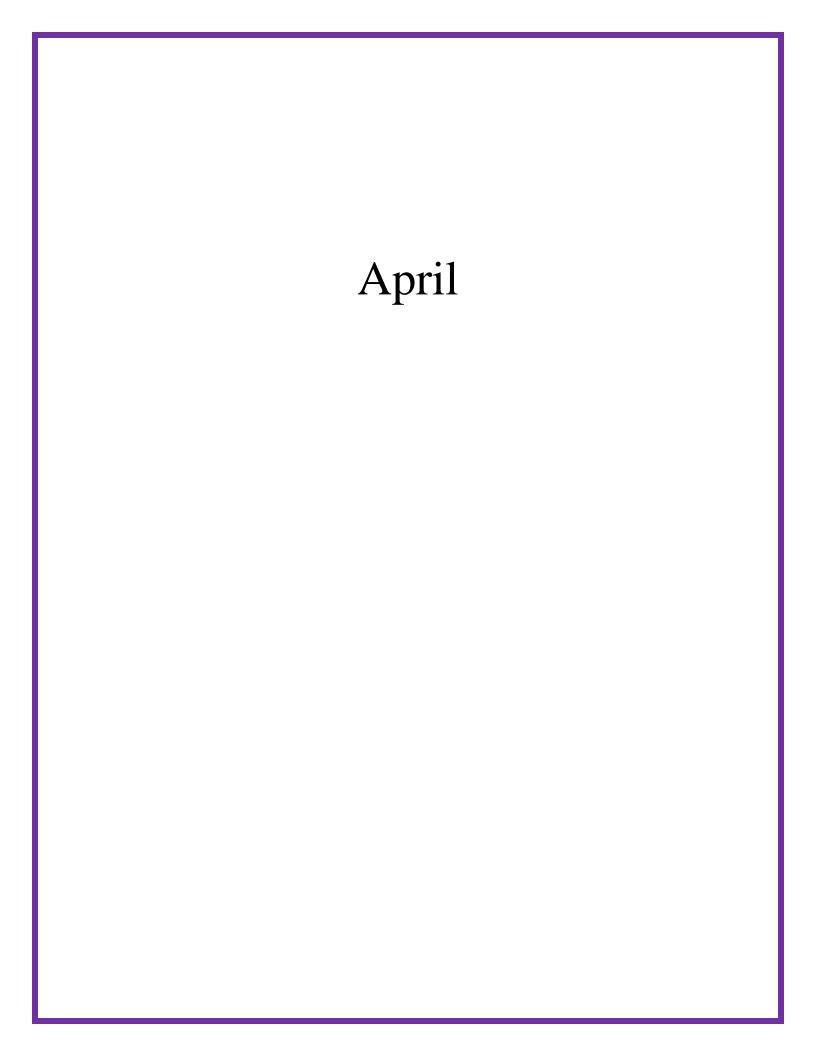
Completed by:

Date 3 | 15 Time 505

Reviewed by:

On-duty Sepervisor

Comments:



Attachment B, Surveillance Training Checklist

(Page 1 of 2)

Procedure title:	SURVEILLANCE ROUNDS
Procedure no.:	TAS5-STP-004, PI7
Date of issue:	4/15
Working copy issued to:	A DUNSETH
Working copy issued by:	R PRICE
4	Certified Operations Center Operator

Operations Center Operator Review		
Carl Carl	1 5/1/19	5
Signature		Date
Required Reading for this Surveillance has been completed.		
Training Checklist		
Workers Performing Surveillance	Applicable Surveillar	nce Training Current
workers i errorining surveinance	Initials	Date
\$ BE15(00Z	I.C.	41/15
B CHANCE	UL.	
D DUNCKUY	L.	
A DUNSEITH	и	
1 LOVATO	u	
R Lum	a 11	
A 01772	u	
F SETBERT	u	
J SMELTZ	u	
P PRICE	u	1 4
Comments:		
_		
	<u></u> .	

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

Training Checklist (continuation sheet)

Workers Performing Surveillance	Applicable Surveillane	ce Training Current
Works and a state of the state	Initials	Date
1 - ARTINEZ	L	4/15
N MONTOYA	u	E 02
P TRUSINO	и	
T LANGWORTHY	u	
R HOHNEN	u	X
M IRISH	u	/
A HE PRELA	u /	
4 Atrocio	a	
~ Saretc'C	K	
B FORD HAM	* / u	V
		=
1.0/		
Y /		
*/		

ATTACHMENT A: Per Shift Surveillance Rounds [UET] (Page 1 of 3)

					, ne	(1 age 1 01 J)								
	Note		Date:				04.01.15		04.02.15	4-3-15	4-4-15		4-5-15	2
Gauge re	Gauge readings should be taken on rack #4 in the OC.		Weekday:	Mon.	'n.	Tue.	Wed.		Thu.	Fri.	Sat.	. :	Sun.	
whenever	whenever possible. Document if	63	Shift:	AM	PM /	AM PM	AM	PM A	AM PM	AM PM	ΑM	PM.	AM	PM
afternate P	alternale l'DIs are used.		Initials:				ä	B	8	7	8	3	9	3
SRs	Description	Gauge Acce	Gauge Acceptance Criteria				SURV		ANCE (in. wc)	SURVEILLANCE RESULTS (in. wc)	Š			
	200 area glovebox exhaust header AP	PDI-814-1 or PDI-814-2	<-h0 in. wc¹				-2.18	- 5	-2.18 -21.10-2.18 -2.15	218-214	21.6- M.S- 11.C- MI	H.5-	3.16	112-
4.1.1.1	100 area glovebox exhaust header AP	PDI-820-1 or PDI-820-2	<-1.0 in. wc¹	<u> </u>	537		- T	1-181-	Ob. 1, 181-1			1.92	16)	<u>2.</u>
	300 area glovebox exhaust header AP	PDI-870-1 or PDI-870-2	<-1.0 in. wc ¹		1		89:	1.65	1-1-192 1197	CP. 1-197-	_	[8]	81:]-367-	50
	400 area glovebox exhaust header AP	PDI-864-1 or PDI-864-2	<-1.0 in. wc¹				1.47 149	5	461/199	-197-10	_		- 751-	- 197
	200 area laboratory PDI-803-1 or header AP PDI-803-2	PDI-803-1 or PDI-803-2	<-0.05 in. wc¹			0	22	12. (2.	16.0- 12	-, 21 -, 21	61		1 1	72
	100 area laboratory PDI-802-1 or header AP PDI-802-2	PDI-802-1 or PDI-802-2	<-0.05 in. wc¹				14.		l	42- hC-	137	27	7.	33
4.1.1.5 4.1.1.5 4.1.2.2 ²	300 area laboratory PDI-853-1 or header AP PDI-853-2	PDI-853-1 or PDI-853-2	<-0.05 in. wc¹			73.	0	20 Ja		30 - OC	4 5	P1.	- 16	01.0
	400 area laboratory PDI-852-1 or header AP PDI-852-2	PDI-852-1 or PDI-852-2	≤-0.05 in. wc¹				617	15	P. 0. 02.	1 6	-,00	3	5)	12-
	IFIT Facility AP	PDI-865-4 or PDI-865-5	<-0.05 in. wc				30	60	0.00	PI - 19			-14	7
	North basement AP	PDI-804-1 or PDI-804-2	< 0.00 in. wc				_	P	100, 60.	01-160.	200-	€1,-		01'-
4.1.1.3	South basement AP	PDI-854-1 or PDI-854-2	< 0.00 in. wc				80	8.01.	10,0	7.09-10		0,	78	21.5
	IRT Tunnel AP	PDT-901 or PDI-901	< 0.00 in. wc				780,	3.	211.0,700. 241.	7.097-105	590- 590- 5	501-	.87))('-

ATTACHMENT A: Per Shift Surveillance Rounds [UET] (Page 2 of 3)

(Page 2 of 3)	Date: 04.01.15 04.02.15 4.47) 4.47)	aken Weekday: Mon. Tue. Wed. Thu. Fri. Sat. Sun.	D Shift: AM PM	may Initials: Record Record of the subsection of	Readings Acceptance SURVEILLANCE RESULTS Sat. / Unsat. (circle one)		m FR-802 Icon red and service Unsat		1'R-804 Icon red and PDT-835 AP >.050		FR-806 Icon red and PIST-837 AP >,050	Bre- PDT-838 AP>.050 At least one Sat Sat Sat Sat Sat Sat) Sat	FR-808 Icon red and PDT-839 AP>.050	FIDT-840 AP > .050 At least one Sat	FR-812 Icon red and PDT-841 AP>.050
					Readings	FR-801 Icon red a PDT-831 AP > 05	FR-802 Icon red a PDT-832 AP > .05		FR-804 Icon red a PDT-835 AP >.05	FR-805 Icon red a PIYY-836 AP > .05 or	FR-806 Icon red a PIXT-837 AP > .05			FR-811 Icon red a PDT-840 AP >.05 or	FR-812 Icon red a PDT-841 AP > 05
	Note	Readings should be taken using FCS screens	FMT#151,152,201LD	and 202LD. Field verification and local plenum PDIs may be used if FCS is unavailable.	Description	200 area re- circulation fan/	plenum	100 area re- circulation fan/	plenum	300 area re- circulation fan/	plenum	400 area re-	plenum	Vault re-	fan/ plenum
		Readings should b	FMT#15	and 202L and local pl be used if F	SRs					4.1.1.6					

ATTACHMENT A: Per Shift Surveillance Rounds [UET]

(Page 3 of 3)

		10								
7	Sun.	P.M.	7		(Sat Unsat	(Sar Unsat	(Sat Unsat	Sat	1431
トンナ	Š	٧٧	9		(Sat	Sat Unsat	Sat Unsat	Sat Unsat	O130 1928 OTO
15	=	ΓM	3		(Sat Unsat	Sat Sat Unsat	Sat	Sat Unsat	1928
SIAh	Sat.	WV	9			Sat Unsat	&at Unsat	Sat Unsat	Sat	0130
\ \	نے.	P	3	TS	(-	Sat Unsat	Sat	Chisat	1929
17-4 S1-10-40	Fri.	ΜV	9	SURVEILLANCE RESULTS	Sat. / Unsat. (circle one)	Sat Sat Sat Unsat Unsa	Sat Unsat	(Sat) Unsat	Chrsat	810 (171 2210 JEP) HILO
2(5)	ä	μN	18	CE R	(circl	Christ Christ	Chisat Chisat	Sat Unsat	ag E	an
0.40	Thu.	МΛ	Z,	LLAN	Jnsat.	Signatura Linguis	Chisat		Signal Si	2210
ر. الح	ją.	ЬМ	B	ΥŒΠ	sat. / {	Sat Sat Sat Jusat Unsat Unsat	Saf Unsat	Sat Unsat	Sat	1494
040	Wed	МΛ	86	SUI	V 1	Sat Sar Sag Unsat Unsat Unsat	Sat) Sat Sat Unsat Unsat Unsat	Chsat	Sat	HELLO
	<u>ن</u>	ΡM	_			Sat Unsat	Sat Unsat	Sat Unsat		
	Tue.	٧W				Sat Unsat	Sat Unsat	Sat	Sat Sat Unsat Unsat	
	n.	PM				Sat Unsat	Sat Unsat			
	Mon	VΜ				Sat Unsat	Sat Unsat	Sat Sat Unsat Unsat	Sat Sat Unsat Unsat	
Date:	Weekday:	Shin:	Initials:	Acceptance	Criteria	PDI-844-2 < PDI-803- 2 < PDI-804-2	PDI-820-2 < PDI-802-	PDI-870-2 < PDI-853- 2 < PDI-854-2	PDI-864-2 < PDI-852- 1 2 < PDI-854-2	Completion Time
	ck #4 in	mate		Элис	9	PDI-814-2 PDI-803-2 PDI-804-2	PDI-820-2 PDI-802-2 PDI-804-2	PDI-870-2 PDI-853-2 PDI-854-2	PDI-864-2 PDI-852-2 PDI-854-2	Complet
	ken on ra I equivale	nt any alte		Area		200 Area	100 Area	300 Area	400 Arca	
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		Description		Glovebox exhaust header APs	< taboratory APs < basement APs for areas 100, 200, 300	and 400		
	Gauge read	be used if ne	. Dis used.	SRs			4.1.1.4			

Note: ¹ Mode 2 acceptance criteria is < 0.00 in. wc Note: ² SRs 4.1.2.x only apply during mode 2 in accordance with LCO 3.1.2.

Completed by: W Had Date 4/1/5 Time 1131

Reviewed by:

On-duty Supervisor

Date: 11.113

Comments:

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 1 of 4)

SR 4.4.1.1, The OPERABILITY acceptance criterion for this surveillance is:

storage cabinet. The gas concentration readout directly on the detector in the storage cabinet is compared with the gas concentration readout on The FLAMMABLE GAS detector in the FSTF FLAMMABLE GAS SOURCE storage cabinet is exposed to the ambient atmosphere in the 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:			4/1/15	4-2-15	4-2-15 4-3.15	J1/h/h	1/2/12
	v	Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
		Initials:			岛	14	74	(PAC)	A2080
	Description / Gauge	Acceptance Criteria		S	URVEILLAN	SURVEILLANCE RESULTS (percentage)	(percentage)		
SR	Flammable Gas Channel Check DET-305-3 (LCD Reading)	NA AN			0.0	0.0	0	0,0	0.0
4.4.1.1	CP-305-H (LED Reading)				0.0	0	0	0.0	0.0
	(DET-305-3) - (CP-305H)	Record Calculated Value		?	0.0	0,0	0,0	0.0	0.0
	(LCD Reading) (LED Reading)	≥-0.1; <+0.1	Sat. / Unsat.	Sat. / Unsat.	(Sat.)/ Unsat.	(Sat.) Unsat. (Sat.) Unsat. (Sat.) Unsat. (Sat.) Unsat.	Sat / Unsat.	Sat / Unsat.	Sat / Unsat.
		Completion Time:			90:8	7580	4170	5510	0825

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Surveillance Rounds

TA55-S. -- 004, R17

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side)[UET]
(Page 2 of 4)

				(rage 2 01 4)	14)					٥.
			Date:			4/1/15	4-2-15	4.3-15	31/4/1	4-5-15
		2	Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:			534	27	77	gir	9
SRs	Description	Gauge	Acceptance Criteria			SURVE	SURVEILLANCE RESULTS (in. wc)	SULTS		
4.1.3.4	South basement	1-894-1	$<2.0 \& > 0^1 \text{ in. wc}$			20.	.07	70.	70.	10.
	(HVP-841) AP	PDI-894-2	$\leq 2.0 \text{ &> } 0^4 \text{ in. wc}$.56	, 5 to	5 5 .	35	.55
	South Corridor supply (IIVP-	1-868-ICId ₁	≤ 2.0 & > 0¹ in. wc			.08	00	90	80.	.08
4.6.6.4.4	810) AP	PDI-895-2	<2.0 & > 01 in. wc			.40	. 6.]	. 6.	/9.	19.
	Ŷ.	1-718-1041	$<2.0 & > 0^1 \text{ in. wc}$			STRY	STBY	STBY	STBY	57.64
4.1.3.4	300 area glovebox	PDI-817-2	$\leq 2.0 \text{ & > 0}^4 \text{ in. wc}$			ST84	STBY	STBY	57.13 V	57.89
	(FF854) AP	PDI-817-4	<2.0 & > 01 in. wc			STRY	STBY	57.84	STBY	12475
		PDI-817-5	$\leq 2.0 \& > 0^1 \text{ in. wc}$) X	57.34	5787	STBY	57.13 %	STAN
	300 area special	PDI-81 9-1	<2.0 & > 0 in. wc			STRY	STRY	4815	C7.13 Y	STBY
# T	recovery glovebox exhaust filter plenum	PDI-81 9-3	$\leq 2.0 & > 0^{1} \text{ in. wc}$			5524	5787	STBY	AULS	50.64
	(FF858) AP	PDI-819-4	<2.0 & > 0 in. wc			425	STBY	STBY	V872	5604
		'PDI-818-1	<2.0 & > 01 in. wc			75	72.	72.	72.	. 27
4.1.3.4	300 area glovebox	PDI-818-2	<2.0 & > 0 ¹ in. wc			. 3/	310	.21	32	33
	exhaust filter plenum (FF855) AP	PDI-818-4	$\leq 2.0 \& > 0^1 \text{ in. wc}$			12.	131	18.	32	,32
		PDI-818-5	$\leq 2.0 \text{ &> } 0^1 \text{ in. wc}$	2		. 30	30	,30	.30	.30
9	300 area special	PDI-821-1	<2.0 & > 01 in. wc			.40	04.	<i>0h</i> ·	04	01,
4.1.4	exhaust filter	PDI-821-3	<2,0 & > 01 in. wc	į		44.	545	. u	hh.	.45
	(FF859) AP	PDI-821-4	<2.0 & > 01 in. wc			هې .	04.	04.	.39	. 39

Surveillance Rounds

TA55-Six-004, R17

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET]
(Page 3 of 4)

			Date:	1		4/1/15	4-2-15	4-3-15	ululic	4515
		ii.	Weekday:	Mon.	Tue.	Wed.	Thu,	Fri,	Sat.	Sun.
115			Initials:			112	74	ρŢ	gran	4
SRs	Description	Gauge	Acceptance Criteria	8.		SURVI	SURVEILLANCE RESULTS (in. wc)	SULTS	-	
		'PDI-822-1	$\leq 2.0 \& > 0^4$ in. wc			STRY	STBY	STRY	57.8 /	4875
4.1.3.4	400 area glovebox	PDI-822-2	$\leq 2.0 \& > 0^{1}$ in, wc			57.87	STBY	5787	76175	4075
	exhaust filter plenum (FF856) AP	PDI-822-4	$\leq 2.0 \ \& > 0^4 \ \text{in wc}$			STRY	4878	V8.72	7572	4074
		PDI-822-5	<2.0 & 0 ¹ in wc			राड/	STRY	STRY	7.872	, 703 Y
		¹PDI-823-1	$<2.0 \& > 0^4 \text{ im. wc}$			69.	60.	60	8	30.
4.1.3.4	400 area glovebox	PDI-823-2	$\leq 2.0 \& > 0^1 \text{ in. wc}$			14.	14.	lh:	16) b'
	(FF857) AP	PDI-823-4	$\leq 2.0 \& > 0^{4} \text{ in. wc}$.45	84'	. 47	<i>Ch</i> .	14.
		PDI-823—5	$\leq 2.0 \& > 0^{1}$ in, we		× × ×	. 49	64.	64.	64.	05'
•	South Basement exhaust	¹PDI-830-1	$\leq 2.0 \& > 0^3 \text{ in. wc}$. 69	69	69,	29"	69,
4.1.3.4	filter plenum	PDI-830-2	≤2.0 & > 01 in. wc			30	.30	-30	.30	.30
		PDI-830-3	$\leq 2.0 \& > 0^{1} in. wc$. 29	, 2 &	. 25	82.	29
	300 area re-circulation	'PDI-836-1	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	ů.		. 97	.97	.97	66.	79.
)II	filter plenum	PDI-836-2	$\leq 2.0 \& > 0^{1}$ in. wc			. 58	5.8	8	<i>8</i> 5°	85,
4.1.1.7		PDI-836-3	≤2.0 & > 01 in. wc			.54	95	45.	95°	95.
	300 area re-circulation	'PDI-837-1	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	2		. 50	. 50	.50	.50	.50
	filter pienum	PDI-837-2	<2.0 & > 0 in. wc			.40	٠4٥	04.	04.	oh.
		PDI-837-3	$<2.0 \& > 0^1$ in. wc			.39	,39	. 39	.35	39

Surveillance Rounds

TA55-Sr. -004, R17

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 4 of 4)

			Date:			4/1/15	4-2-15	21-8-4	5/4/12	4-5-15
			Weekday:	Mon.	Tue,	Wcd.	Thu.	Fri.	Sat,	Sun.
			Initials:			188	74	5	(Jah	9
SRs	Description	Gauge	Acceptance Criteria			SURVE	SURVEILLANCE RESULTS (in. wc)	SULTS		
	400 area re-circulation	1-828-IQJt	$<2.0 \& > 0^{1}$ in. wc			.47	.47	74.	42	64.
	filter plenum	PDI-838-2	\$2.0 & > 0 in. wc			.55	. 55	٠ ۶ ۶	<u>ئ</u>	.55
4.1.1.7	1111-001	PDI-838-3	$\leq 2.0 & > 0^4 \text{ in wc}$.50	15	15.	05.	05.
	400 area re-circulation	1-6£8-1Cld ₁	<2.0 & >0 in wc			.43	. 43	. 43	55.	٤4.
	filter plenum	PDI-839-2	$\leq 2.0 \ \& > 0^1 \ in. \ wc$.58	۲۶ کې	. 59	.57	.57
		PDI-839-3	$\leq 2.0 \text{ ee} > 0^{1} \text{ in. wc}$			25.	.52	. 52	2.5	.52
	South Bleed off filter	'PDI-810-1	<2.0 & > 0 in. wc			51.	. 75	./5	51.	.15.
4.13.4	plenum (FF-822A) AP	PDI-810-2	<2.0 & > 01 in. wc)×.	84.	. 48	. 48	64.	94,
		PDI-810-3	$\leq 2.0 \& > 0^{1} \text{ in. wc}$.45	.42	. 42	64.	64.
***	South Bleed off filter	1 - 118-10d ₁	<2.0 & > 0 in. wc			II II	5 P.F	OFF	off	71710
4.5.4	plenum (EE.8228) AP	PDI -811 -2	$\leq 2.0 \& > 0^{1} \text{ in. wc}$			OFFS	OFF	OFF	34%	OFIC
		PDI -811 -3	<2.0 & > 0' in. wc			-140	OFF	OFF	\$540	21-10
			. Completion Time			2880	0830	0752	08/3	2430
00	OC Operator Review and Page Count Complete (initials)	age Count Comp	Hete (initials)			N/B	Dr. W	0000	A- 830	4

Non TSR requirement:

Note; SR 4.1.1.7 applies during mode 1 as stated in LCO 3.1.1. SRs 4.1.3.X apply during mode 1 and mode 2 as stated in LCO 3.1.3.

Completed by: CA & Date 4-5-15 Time 0980

Reviewed by:

Date: 4/6/15 Time: 11/0

On duty Supervisor

Comments

Page 27 of 34

Surveillance Rounds

ATTACHMENT B-2: Daily Surveillance Rounds (PF-4 North Side)[UET]
(Page 1 of 4)

				(Fage 1 c	OI 4)			28		
			Date:			41/2015	4-2-15	4/3/2013	4/4/12	S1/5/h
		-02.5	Weekday:	Mon.	Tue.	□ Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:			g _F	PT	8 _F	(AG)	4
SRs	Description	Gauge	Aeceptance Criteria	8	_	SURV	SURVEILLANCE RESULTS (in. wc)	SULTS		
	Vault re-circulation	'PDI-840-1	<2.0 & > 0¹ in. wc			. 16	11.	-16	91.	91.
	filter plenum	PDI-840-2	<2.0 & > 0 in wc			. 58	.58	.58	5.8	25.
		PDI-840-3	<2.0 & > 01 in. wc	:		.50	.50	.50	,50	64.
4.1.1.7	Vault re-circulation	¹PD]-841-1	<2.0 & >0' in. wc			, stby	STBY	STBY	STBY	1845
	filter plenum	PDI-841-2	<2.0 & > 01 in. wc			STBY	57.84	STBY	54184	V87.8
	N7 (7 B. 14 1)	PDI-841-3	<2.0 & > 01 in. wc			STBY	5 TBY	PRIZ	57184	STOV
	200 area re-circulation	1-183-1Cld,	<2.0 & > 01 in. wc			.33	, 33	38	,33	5.
	filter plenum	PDI-831-2	<2.0 & > 01 in. wc		XX.	.41	04.	14.	F.	04
		PDI-831-3	<2.0 & > 01 in. wc			52.	.35	. 55	35.	hE:
	200 area re-circulation	¹PDI-832-1	<2.0 & > 01 in. wc			, 32	.32	.32	.32	.32
	filter plenum	PIDI-832-2	<2.0 & > 0 ¹ in. wc			.60	09.	97.	03.	03:
		PDI-832-3	<2.0 & > 01 in. wc			.56	56	.56	551	45.
		¹PDI-807-1	<2.0 & > 01 in. wc			. 12	21	- 12	21.	4
4.1.3.4	North Bleed off filter plenum	PDI-807-2	<2.0 & > 01 in. wc			.50	, 50	.50	05	8.
	(FF-820A) AF	PDI-807-3	$<2.0 \text{ &> } 0^1 \text{ in. wc}$. 49	64.	44.	5h.	<i>\$</i> h.
	November 19 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1-608-ICId ₁	<2.0 & > 0 in, wc	ļ		OFF	0 4.5	OFF	96F	2790
4.1.3.4	plenum (FF-8208) AP	PD1-809-2	$\leq 2.0 \ \& > 0^{-1} \text{ in. wc}$			OFF	0.6.6	OFF	7-20	0.FF
		PDI-809-3	$\leq 2.0 \& > 0^{4} \text{ in. wc}$			OFF	OFF	OFF	296	off

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

				· - 22 1	· ·					
			Date:			4/2015	4-2-15	4/3/2015	1/11/17	4/5/15
117			Weekday:	Mon.	Tue,	Wed.	Thu.	.ini	Sat.	Sun.
			i iii			BF	2.5	8	9	Jan
SRs	Description	Gauge	Acceptance Criteria			SURVE	SURVEILLANCE RESULTS (in. wc)	SULTS		5
	Mass transfer	1-628-10d ₁	$\leq 2.0 \& > 0^1 \text{ in. wc}$			Ţ.	. 15	.15	10	31,
4.1.3.4	filter plenum (FF-828)	PDI-829-2	<2.0 & > 0 ⁴ in. wc			. 35	ر. 00	80 20	33.	200
	Y	PDI-829-3	$\leq 2.0 & > 0^{1} \text{ in. wc}$. 29	. 20	56.	.30	2.7
	100 area re-circulation	¹PDI-833-1	$\leq 2.0 \& > 0^{1} \text{ in. wg}$			>1.0	21.0	>1.0	>1,0	21.0
	filter plenum	PDI-833-2	$\leq 2.0 \& > 0^4 \text{ in. wc}$	~		. 48	. 48	84.	gr.	54.
4.1.1.7		PDI-833-3	$\leq 2.0 \& > 0^{1} \text{ in. wc}$.45	. 45	, 45	SH.	56
	100 area re-circulation	1-835-1	<2.0 & > 0 in. wc			.16	, <u>.</u>	91.	91.	91.
	filter plenum	PDI-835-2	$\leq 2.0 \& > 0^{1} \text{ in. wc}$.44	hh.	. ተ ተ	45	hh
		PDI-835-3	$\leq 2.0 \& > 0^1 \text{ in. wc}$			14.	14.	٠4.	II.	in.
		1-815-I	<2.0 & > 0 in. wc			١٩.	, 19	STBY	5472	7.07
4.1.3.4	100 area glovebox	PDI-815-2	$\leq 2.0 \& > 0^{4}$ in. wc	Ε.		. 48	.42	STBY	5784	V 0772
	(FF852) AP	PDI-815-4	<2.0 & > 0 in. wc			18 Ei	3.8	STBY	57134	7575
		PDI-815-5	$\leq 2.0 \& > 0^{1} \text{ in. wc}$			14.	747	STBY	STBY	27.8 /
		PDI-816-1	$\leq 2.0 \& > 0^1 \text{ in. wc}$			STBY	578Y	. 39	oh,	.39
4.1.3.4	100 area glovebox	PDI-816-2	<2.0 & > 0 in. wc			3 TB Y	STBY	84.	14.	Zh.
	exnaust miter pienum (FF853) AP	PDI-816-4	$\leq 2.0 \& > 0^1 \text{ in. wc}$			STBY	STBY	.47	343	*/5* *
		PDI-816-5	$\leq 2.0 \& > 0^{1} \text{ in. wc}$			STBY	5784	8h.	34%	Ch.

ATTACHMENT B-2: Daily Surveillance Rounds (PF-4 North Side) [UET] (Page 3 of 4)

				()						
			Date:	\$ 	2	3/2012	4-1-15	3102/5/4	4/4/12	51/5//5
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
	:		Initials:			18 1	74	P.	CAR	m
SRs	Description	Gauge	Acceptance Criteria			SURVI	SURVEILLANCE RESULTS (in. wc)	ESULTS		
	200 area glovebox	'PDI-812-1	$\leq 2.0 \& > 0^{1} \text{ in. wc}$			9.	. 16	STBY	27734	2530
***	exhaust filter plenum (FF850) AP	PDI-812-2	<2.0 & > 0 in. wc			.39	.39	STBY	5437	60.60
F. (1)		PDI-812-3	$<2.0 \& > 0^4$ in. wc			68.	39	8787	5434	Ne C
		PDI-812-4	<2.6 & > 01 in. wc			. 38	,36	STBY	5.FB.Y	7875
		PDI-812-5	<2.0 & >0' in. wc			. 33	18.	STBY	7845	18.19
	200 area glovebox	1-813-1d ₁	$<$ 2.0 & $> 0^{1}$ im, wc			STBY	57.84	1.09	1.08	1.08
	exhaust filter plenum (FF851) AP	PDI-813-2	<2.0 & > 01 in. wc			STBY	STBY	.3.	15,	31
*		PDI-813-3	<2.0 & > 0 in, wc			STBY	STBY	. 28	.28	3.6
		PDI-8134	<2.0 & > 0 in. wc			STBY	57.87	.31	32	4
		PDI-813-5	\$2.0 & > 0 in. wc			STBY	STBY	.27	.26	24
	IFTT exhaust filter plenum	'PDI-865-1	<2.0 & >01 in. wc			50.	,03	40.	ブ07	70
***	(FF-865) AP	PDI-865-2	<2.0 & > 0 in. wc	10.		25	. 32	.34	. 34	32
	8	PDI-865-3	$\leq 2.0 \& > 0^{1} \text{ in, wc}$. 38	3.0	04.	.38	3.8
4124	IFIT supply filter plenum	¹PDI-863-1	$<2.0 & > 0^1 \text{ in. wc}$		*5	90	.06	90.	707	50.
	(HVP-863) AP	PDI-863-2	<2.0 & >0 in. wc			. 28	2.2	.28	57.	18

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

(Page 4 of 4)

			Date:			4/1/2015	4-2-15	4/8/2015	51/h/n	2/5/15
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
						96	ľ	200		
e c			Initials:				7 7	,	9999	ym
SRs	Description	Gauge	Acceptance Criteria		:	SUR	SURVEILLANCE RESULTS	ESULTS		_
7	North Basement supply filter plenum	1-728-IQ1 ^t	\leq 2,0 & > 0 in. wc	,		70.	10.	10.	Foi	70.
1777	(HVP-840) AP	PDI-857-2	$\leq 2.0 \text{ &> } 0^1 \text{ in. wc}$.50	. 50	.50	50	S
4.1.3.4	North corridor supply filter plenum	1-958-10d1	$<2.0 & > 0^3 \text{ in. wc}$.07	70.	70-	Lo,	Co.
	(HVP-809) AP	PDI-856-2	$<2.0 \& > 0^1 \text{ in. wc}$			05'	. 50	.50	525	6
VV.	Combustible exclusion area around basement exhaust fans FE828, FE829 and bleed-off fans FE820A, FE820B, FE822C,		0 lb/ft² combustibles in designated exclusion area (within 15 feet of fans)	O		7.7.2	5.47	SAT	SAR	
43.2.2	Rooms 201, 204, 206, & 207		0 tb/f² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between gloveboxes, or and other well of the stelles.			447		SAT	7#X	
			rooms, whichever is less				SAT			Tes
			Completion time			0835	085/	5570	0180	0820
	OC Operator Rev	view and Page Co	OC Operator Review and Page Count Complete (initials)			27.73	,	gas of	0-00	Sone:
Note: SR 4	¹ Non TSR requirement Note: SR 4 1 3 4 annlies during mode 1 and mode 2	1 and mode 2				0 28	2	3 3		

'Non TSR requirement Note; SR 4.1.3.4 applies during mode 1 and mode 2.

Completed by: Exerce 11, Date 4/8/4 Time 0850 Reviewed by:

Comments:

Date: 4/6/15- Time:

On-duty Supervisor

ATTACHMENT C: Non-PF-4 Daily Surveillance Rounds [UET]

		97 H1-15	M&TE Calibrated Data			
	PF-10 Thermometer File No.:	039746 041153	PF-10 Thermistor File No.: D42253	042253	V-701 Thermistor File No.: 039 7 40	747 550
Record September	Calibration Expiration Date:	6.17.15	Calibration Expiration Date:	6-26-15	Calibration Expiration Date:	1026-15
through April only	PF-11 Thermometer File No.	042252	PF-11 Thermistor File No.: O 4 6 3 7 3	040373	V-704 Thermistor File No.: O 4 0 3 7 5	040375
	Calibration Expiration Date:	6-17-15	Calibration Expiration Date: 6 - 26 - 15	6-26-15		6-26-15

	PF-10 & PF-11 Pumpho	PF-10 & PF-II Pumphouse Room Temperature and V-701 & V-704 Fire Water Storage Tank Temperature	V-701 & V-70	4 Fire Water 5	Storage Tank T	Cemperature			
		Date:			4-1-15	4-1.15 4/2/15	1/5/h 1-4-h 5//5/h	51-h-h	4/5/1-
	Daily (September through April only)	Weekday:	Mon.	Tue.	Wed.	, Thu.	Fri.	Sat.	Sun.
		Initials:			1¢	S.	র	P	C/6AG
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 JUNSAT	KAT /UNSAT	SATUNSAT	SATJ/UNSAT	SAT UNSAT
43.1.1	RECORD fire water storage tank V-701 temperature	≥ 42.1 F			2.25	52.5	52.5	1115	91,9
4.3,1,1	RECORD fire water storage tank V-704 temperature	≥ 42.1 F	X	•	45	543	54.4	53.7	53,9
4.3.1.3	RECORD PF-10 room temperature	≥ 50.1 F			7.44	62.7	62.1	h:119	62.6
43.13	RECORD PF-11 room temperature	≥ 50.1 F			5.49	53.1	4.01	5.83	61.6
		Completion Time:			4050	0830	ಶಿ	1050	1005
	OC Operator Review and Page Count Complete (initials)	Count Complete (initials)			90 rad	BBC	P. Ber	A man	4

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

Time 1505	Time:	
Date 4/5/15	Date: 4/6/15	
Dat	Dat	
Completed by:	Reviewed by:	On-duty Supervisor Comments:

ATTACHMENT A: Per Shift Surveillance Rounds [UET] (Page 1 of 3)

						1	-						1	-		ſ
Note			Date:	1/10/1	15/	12/1	7	8/15	14h/	3/16	101/	Įî,	1/11/1/	14	15/17/	
lings st ck #4 i	Gauge readings should be taken on rack #4 in the OC.		Weekday:	Mon.	'n.	Tue.		Wed.	T	Thu.	Fri		Sat.	1,	Sun.	
ssible, I	whenever possible. Document if		Shift:	AM	ΡМ	AM	PM A	AM PM	1 AM	PM	AM	PM /	AM PM	M AM	M PM	
alternate l'EDIS are used.	XI.		Initials:	W	Be	B	80 6	7 100	O&C \	5	B	3	18	1	\B\ \Å	
Description	,	Gauge Acceptan	ptance Criteria			7		SURVEILLANCE (in. wc)	ILLA) (in	(in. wc)	RESULTS	TS			þ	
200 are exhaust	200 area glovebox exhaust header AP	PDI-814-1 or PDI-814-2	≤-\ 0 in. wc'	4	2.19	211/2	12.13 (1.1)	7 2.18	1 7 4	47.	1315	2.7	7.17 -2.15	5.7.16	16.2.15	1 %
100 ard exhaus	100 area glovebox exhaust header AP	PDI-820-1 or PDI-820-2	<-1.0 in. we¹	5	16:1-	197	190-19	01-1-10	6/	1,92	8	-1.41	121- 16/	16), 14	11,92	1 2
300 are exhaust	300 area glovebox exhaust header AP	PDI-870-1 or PDI-870-2	<-1.0 in. wc¹	<u>رم</u>	86-	2001	197	198-198	00 ×	1		851.	861- 1791	8-5-	6 -1.97	
400 are exhaus	400 area glovebox exhaust header AP	PDI-864-1 or PDI-864-2	<-1.0 in. wc ⁻¹	5.	Ę.,	5	1.96-198	19.	28:1	1 25		1.97	197-197	161, 1	1-198	1 20
200 are heade	a laboratory r AP	200 area laboratory PDI-803-1 or header AP PDI-803-2	<-0.05 in. wc		:23		21/2	43	50	12:	150	72.	0.27		22.0	Las
100 are	nea laboratory header AP	100 area laboratory PDI-802-1 or header AP PDI-802-2	<-0.05 in. wc¹	740	.25	10°	SE	2.7	12°	42°		1.7	10. P. O.		5-0.26	T
300 are hes	300 area laboratory header AP	PDI-853-1 or PDI-853-2	<-0.05 in. wc ¹	Q.°°	2		200	34	3,20	22.5		4	0.00°		12.0' Ose;	
400 ares	rea laboratory header AP	400 area Inboratory PDI-852-1 or header AP PDI-852-2	<-0.05 in. wc¹	14.00	22	W 0		3/-170	5	7.	ري (ر	-2	10,0	9	21 0.00	0
IFIT.	IFIT Facility AP	PDI-865-4 or PDI-865-5	<-0.05 in. wc	10.19	9	F P.01	رَاح لَ (27:18	0/1	2	5,	7, 41.	P1.0	4,0	4.0	T =
North b	North basement AP		< 0.00 in. wc	0,0	18,	0,0	61:- oj:	01-0	20,	2		01.	0,0		11,0-0	
South b	South basement AP	PDI-854-1 or PDI-854-2	< 0.00 in. wc	0,0	01.	0,0	1.01.	0/-0	& .	1.			0.70	0107 0	11.0	Ι =
IRT	IRT Tunnel AP	PDT-901 or PDI-901	< 0.00 in. wc	Hai 0'	100	1000 701	1.09 (b)	2112	360.	3	101.07	- Ko1	1:	101.0 301	10 TO	1 -
															-	7

ATTACHMENT A: Per Shift Surveillance Rounds [UET] (Page 2 of 3)

			ΥV	rage 7	7 01 3)					1		,		
	Note	Date:	4/6/	15/	111/5	18	5	14/9/	1	101/2	1/2	4/11/6	7	11/14
Readings	Readings should be taken using FCS screens	Weekday:	Mon.	٦.	Tue.	1/2	Wed.	Ē	Thu.	Fri		Sat.		Sun.
FMT#15	FMT#151,152,201LD	Shift:	AM	PM A	AM PM	AAM	1 PM	ΑM	ΡM	AM	PM.	AM PM	MAM	4 PM
and 2021 and local p be used if 1	and 202L.D. I reid ventication and local plenum PDIs may be used if FCS is unavailable.	Initials:	R	3	100	(h	3	B	3	B	120	13	1/1/	NA NA
SRs	Description	Readings Acceptance Criteria		7		Su	SURVEILLANCE RESULTS Sat. / Unsat. (circle one)	LLAN Unsat	(CE)	RESU!	LTS		}	
NT 883-06-25	200 area re- circulation fan/ plenum	FR-801 Icon red and PDT-831 AP > .050 At least one or fan/plenum is in FR-802 Icon red and service PDT-832 AP > .050	Consat	Sat	Sat	t Sat	at Unsat	Sat	Sat	Spar	Jusat	Sat Com	Sat Unsa	Sat Sat Unsat Unsat
	100 area re- circulation fan/ plenum	FR-803 lcon red and PDT-833 AP > 050 At least one or fan/plenum is in FR-804 lcon red and PDT-835 AP > 050		Sat	Sat Sat	at Unsat	at Unsat	Sat. Unsat	Sat	Sat	San (Say Sat	Sat Chrsa	Sat
4.1.1.6	300 area re- circulation fan/ plenum	FR-805 Icon red and PIDT-836 AP > .050 At least one or fan/plenum is in FR-806 Icon red and service PIDT-837 AP > .050	Sat		Consat Unisat	at Chisat	(Sat Unsat	(Sat Sat) Unsat Unsat	Sat	Chrsat L	Sala Jusat C	(Sat) (Say) (Say) (Say) (Sat) (Sat) Unsat Unsat Unsat Unsat Unsat Unsat	Sat Chsa	Sat
	400 area re- circulation fan/ plenum	FR-807 Icon red and PDT-838 AP > .050 At least one or fan/plenum is in FR-808 Icon red and PDT-839 AP > .050	Sat Unsat [San Jusat Ur	Say San Insat Unsat	at Unsat	Sat tt Unsat	Sat Unsat	Sat (Sat) (Sat) Unsat Unsat	Sar Unsat U	Sat	Sat Sat Em	Sat Unsat	Sat
	Vault re- circulation fan/ plenum	FR-811 Icon red and PDT-840 AP > .050 At least one or fan/plenum is in FR-812 Icon red and service PDT-841 AP > .050		Sat Ur	Sad Sat nsat Unsa	at Unsa	(\$at)	Sat	Unsat	Sar	Sat)	Sat	Fat Sat	Sat ut Unsat

ATTACHMENT A: Per Shift Surveillance Rounds [UET

694 Sai Say 600 Say Say Sat Say 800 Say Sal Σ Sal B Z SURVEILLANCE RESULTS Ξ Sat. / Unsat. (eircle one) Ş Ž 4/6/13 Thu. ΨV P 3 Ξ ΣV Ξ 8 Tuc. (Page 3 of 3) × Σ Mon. Σ PDI-814-2 < PDI-803-2 < PDI-804-2 Shift: Date: Indifials: Weekday: cceptance Criteria PDI-814-2 PDI-803-2 PDI-804-2 Gauge Gauge readings should be taken on rack #4 in the OC when possible, local PDI equivalents may be used if necessary. Document any alternate 200 Area Area Glovebox exhaust Description PDIs used. SRS

2

NV.

Sen

0125 S C124 1924 Completion Time Note: 1 Mode 2 acceptance criteria is < 0.00 in. we

Note: 2 SRs 4.1.2.x only apply during mode 2 in accordance with LCO 3.1.2.

Say Sat Unsat Unsat

Far Sar Sar Sar Sar Lasar Unsar Unsar

Say Say Unsat Unsat U

Coat Unsat

PDI-864-2 < PDI-852-2 < PDI-854-2

PDI-864-2 PDI-852-2 PDI-854-2

400 Area

Unsat

(Sat)

Unsat Chasat L

Chesat Chesat C

Sat Say Say Say Say Unsat Umsat

Sat C

Sar Insat

PDI-870-2 < PDI-853 2 < PDI-854-2

PDI-870-2 PDI-853-2 PDI-854-2

300 Area

Visit Onsat Unsat Unsat

(Sat) Say Sat) Sat) Sat) Sat Sat Say Say Say Say Say Say

(Sat)

Character Control

PDI-820-2 PDI-802-2 PDI-802-PDI-804-2

100 Area

< basement APs for

areas 100, 200, 300

and 400

< laboratory APs

header APs

124

2136

10330 M37 L

Ł

Date: 1/14X

Reviewed by:

1938 1938

Our-duty Supervisor

Comments:

Completed by: And

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 1 of 4)

SR 4.4.1.1, The OPERABILITY acceptance criterion for this surveillance is:

storage cabinet. The gas concentration readout directly on the detector in the storage cabinet is compared with the gas concentration readout on The FLAMMABLE GAS detector in the FSTF FLAMMABLE GAS SOURCE storage cabinet is exposed to the ambient atmosphere in the 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).

	4-12-15	'n.	h			0		0	Jnsat.	1000
			77	!		0	o d	0	SED/C	<
	4.10.15 4-11.15	Sat.	75			0.0	0.0	, ,	Sat / Unsat.	21.0
	4.10-15	Fri.	170	(percentage)		0.0	0.0	0.0	Sat.) Unsat.	07.00
	4.9-15	Thu.	79	ICE RESULTS	Ç.	0.0	0,0	0,0	SaD/ Unsat. Sat.) Unsat. (Sat.) Unsat. (Sat.) Unsat. (Sat.) Unsat.	0
	4/8/2015	Wed.	BF	SURVEILLANCE RESULTS (percentage)	0,0		0.0	0.0	Sat) Unsat.	0730
	4/1/2015	Tue.	BF		0,0		0	000	Sap / Unsat. Sap / Unsat.	0825
,	46/2015	Mon.	(S _F		0.0		0.0	0.0	Sat / Unsat.	0750
	Date:	Weekday:	Initials:	Acceptance Criteria		NA	•	Record Calculated Value	≥ -0.1; <+0.1	Completion Time: 0750
				Description / Gauge	Flammable Gas Channel Check	DET-305-3 (LCD Reading)	CP-305-H (LED Reading)	(DET-305-3) – (CP-305H)	(LCD Reading) (LED Reading)	
	-	-				X.	4.4.1.1			

Surveillance Rounds

TA55-S ... -004, R17

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side)[UET] (Page 2 of 4)

PDI-894-1 S.2.0 & > 0 ¹ in. wc PDI-894-2 S.2.0 & > 0 ¹ in. wc PDI-895-1 S.2.0 & > 0 ¹ in. wc PDI-895-2 S.2.0 & > 0 ¹ in. wc PDI-817-2 S.2.0 & > 0 ¹ in. wc PDI-817-2 S.2.0 & > 0 ¹ in. wc PDI-817-4 S.2.0 & > 0 ¹ in. wc PDI-817-5 S.2.0 & > 0 ¹ in. wc PDI-817-6 S.2.0 & > 0 ¹ in. wc PDI-819-7 S.2.0 & > 0 ¹ in. wc PDI-819-8 S.2.0 & > 0 ¹ in. wc PDI-819-8 S.2.0 & > 0 ¹ in. wc PDI-818-1 S.2.0 & > 0 ¹ in. wc PDI-818-1 S.2.0 & > 0 ¹ in. wc PDI-818-5 S.2.0 & S.0 in. wc PDI-818-5 S.2.0 & S.				1/ 1	/ / h	, 111				
Description Gauge Acceptance Criteria				16/20B	17/2015	4/8/2015	4-9-15	4.10.15	4 11-15	4-12-15
Description Gauge Acceptance Criteria				Mon.	Tue,	Wed.	Thu.	Fn.	Sat.	Sun.
South basement PDI-894-1 \$2.0 & > 0^1 in, wc supply filter plenum PDI-894-2 \$2.0 & > 0^1 in, wc supply filter plenum PDI-895-2 \$2.0 & > 0^1 in, wc supply (HVP-841) AP PDI-895-2 \$2.0 & > 0^1 in, wc supply (HVP-895-4) PDI-817-2 \$2.0 & > 0^1 in, wc stransis filter plenum PDI-817-2 \$2.0 & > 0^1 in, wc stransis filter plenum PDI-817-5 \$2.0 & > 0^1 in, wc stransis filter plenum PDI-819-4 \$2.0 & > 0^1 in, wc stransis filter plenum PDI-819-4 \$2.0 & > 0^1 in, wc stransis filter plenum PDI-819-4 \$2.0 & > 0^1 in, wc stransis filter plenum PDI-818-1 \$2.0 & > 0^1 in, wc stransis filter plenum PDI-818-1 \$2.0 & > 0^1 in, wc stransis filter plenum PDI-818-1 \$2.0 & > 0^1 in, wc stransis filter plenum PDI-818-2 \$2.0 & > 0^1 in, wc stransis filter plenum PDI-818-5 \$2.0 & > 0^1 in, wc stransis filter plenum PDI-818-5 \$2.0 & > 0^1 in, wc stransis filter plenum PDI-818-5 \$2.0 & > 0^1 in, wc stransis filter plenum PDI-818-5 \$2.0 & > 0^1 in, wc stransis filter plenum PDI-818-5 \$2.0 & > 0^1 in, wc stransis filter plenum PDI-818-5 \$2.0 & > 0^1 in, wc stransis filter plenum PDI-818-5 \$2.0 & > 0^1 in, wc stransis filter plenum PDI-818-5 \$2.0 & > 0^1 in, wc stransis filter plenum PDI-818-5 \$2.0 & > 0^1 in, wc stransis filter plenum PDI-818-5 \$2.0 & > 0^1 in, wc stransis filter plenum PDI-818-5 \$2.0 & > 0^1 in, wc stransis filter plenum PDI-818-5 \$2.0 & > 0^1 in, wc stransis filter plenum PDI-818-5 \$2.0 & > 0^1 in, wc stransis filter plenum PDI-818-5 \$2.0 & > 0^1 in, wc stransis filter plenum PDI-818-5 \$2.0 & \$2.		€	Initials:	Β _F	45	0 L	1-0	B	7 4	10
South basement 'PDI-894-1 \$2.0 & > 0' in. wc supply filter plenum PDI-895-1 \$2.0 & > 0' in. wc supply filter plenum PDI-895-2 \$2.0 & > 0' in. wc supply (HVP-841) AP PDI-895-2 \$2.0 & > 0' in. wc supply (HVP-841) AP PDI-817-1 \$2.0 & > 0' in. wc statest filter plenum (FF854) AP PDI-817-5 \$2.0 & > 0' in. wc statest filter plenum PDI-817-5 \$2.0 & > 0' in. wc statest filter plenum PDI-819-1 \$2.0 & > 0' in. wc statest filter plenum PDI-819-1 \$2.0 & > 0' in. wc statest filter plenum PDI-819-1 \$2.0 & > 0' in. wc statest filter plenum PDI-819-1 \$2.0 & > 0' in. wc statest filter plenum PDI-818-1 \$2.0 & > 0' in. wc statest filter plenum PDI-818-1 \$2.0 & > 0' in. wc statest filter plenum PDI-818-1 \$2.0 & > 0' in. wc statest filter plenum PDI-818-1 \$2.0 & > 0' in. wc statest filter plenum PDI-818-1 \$2.0 & > 0' in. wc statest filter plenum PDI-818-2 \$2.0 & > 0' in. wc statest filter plenum PDI-818-2 \$2.0 & > 0' in. wc statest filter plenum PDI-818-2 \$2.0 & > 0' in. wc statest filter plenum PDI-818-5 \$2.0 & > 0' in. wc statest filter plenum PDI-818-5 \$2.0 & > 0' in. wc statest filter plenum PDI-818-5 \$2.0 & > 0' in. wc statest filter plenum PDI-818-5 \$2.0 & > 0' in. wc statest filter plenum PDI-818-5 \$2.0 & > 0' in. wc statest filter plenum PDI-818-5 \$2.0 & > 0' in. wc statest filter plenum PDI-818-5 \$2.0 & > 0' in. wc statest filter plenum PDI-818-5 \$2.0 & > 0' in. wc statest filter plenum PDI-818-5 \$2.0 & > 0' in. wc statest filter plenum PDI-818-5 \$2.0 & > 0' in. wc statest filter plenum PDI-818-5 \$2.0 & > 0' in. wc statest filter plenum PDI-818-5 \$2.0 & > 0' in. wc statest filter plenum PDI-818-5 \$2.0 & > 0' in. wc statest filter plenum PDI-818-5 \$2.0 & > 0' in. wc statest filter plenum PDI-818-5 \$2.0 & > 0' in. wc statest filter plenum PDI-818-5 \$2.0 & > 0' in. wc statest filter plenum PDI-818-5 \$2.0 &	Description	Gauge	Acceptance Criteria			SURV	SURVEILLANCE RESULTS (in. wc)	SULTS		
South Corridor South	South basement	PD1-894-1	$<2.0 &> 0^1 \text{ in. wc}$.05	۲٥.	۲٥.	۲۵.	90.	80.	a
South Corridor supply (HVP- 810) AP PDI-895-2 \$2.0 &> 0' in, wc PDI-817-1 \$2.0 &> 0' in, wc PDI-817-2 \$2.0 &> 0' in, wc PDI-817-2 \$2.0 &> 0' in, wc PDI-817-3 \$2.0 &> 0' in, wc PDI-817-4 \$2.0 &> 0' in, wc PDI-817-5 \$2.0 &> 0' in, wc PDI-817-5 \$2.0 &> 0' in, wc PDI-817-5 \$2.0 &> 0' in, wc PDI-819-1 \$2.0 &> 0' in, wc PDI-819-1 \$2.0 &> 0' in, wc PDI-819-1 \$2.0 &> 0' in, wc PDI-819-4 \$2.0 &> 0' in, wc PDI-818-1 \$2.0 &> 0' in, wc PDI-818-2 \$2.0 &> 0' in, wc PDI-818-2 \$2.0 &> 0' in, wc PDI-818-2 \$2.0 &> 0' in, wc PDI-818-5 PDI-818-5 \$2.0 &> 0' in, wc PDI-818-5 \$2.0 &	(HVP-841) AP	PDI-894-2	<2.0 &> 0 in wc	.55	.56	.57	5/2	.53	7.	2.5
S10) AP PDI-895-2 \$\leq 2.0 & \times 0^1\$ iii we exhaust filter plenum PDI-817-2 \$\leq 2.0 & \times 0^1\$ iii. we PDI-817-2 \$\leq 2.0 & \times 0^1\$ iii. we PDI-817-4 \$\leq 2.0 & \times 0^1\$ iii. we PDI-817-5 \$\leq 2.0 & \times 0^1\$ iii. we PDI-817-5 \$\leq 2.0 & \times 0^1\$ iii. we PDI-819-1 \$\leq 2.0 & \times 0^1\$ iii. we PDI-819-1 \$\leq 2.0 & \times 0^1\$ iii. we PDI-819-4 \$\leq 2.0 & \times 0^1\$ iii. we PDI-818-1 \$\leq 2.0 & \times 0^1\$ iii. we PDI-818-2 \$\leq 2.0 & \times 0^1\$ iii. we PDI-818-5 \$\leq 2.0 & \times 0^1\$ iii. we	South Corridor supply (HVP-	1-895-1	< 2.0 & > 0' in wc	60.	PO.	PO.	60.	60.	60.	60
300 area glovebox exhaust filter plenum (FF854) AP 300 area special recovery glovebox exhaust filter plenum (FF858) AP 300 area glovebox exhaust filter plenum (FF855) AP PDI-817-2 <2.0 &> 0¹ in. wc PDI-819-1 <2.0 &> 0¹ in. wc <2.0 &> 0¹ in. wc PDI-819-1 <2.0 &> 0¹ in. wc PDI-818-1 <2.0 &> 0¹ in. wc PDI-818-2 <2.0 &> 0¹ in. wc PDI-818-2 <2.0 &> 0¹ in. wc PDI-818-5 <2.0 &< 0¹ in. wc PDI-818-5 <2.	810) AP	PDI-895-2	<2.0 & $>$ 0 ¹ in. wc	19.	19.	19.	.61	19.	3	19.
300 area glovebox PDI-817-2 \$\leq 2.0 & > 0^1 in. wc FF854 AP PDI-817-4 \$\leq 2.0 & > 0^1 in. wc 300 area special PDI-819-1 \$\leq 2.0 & > 0^1 in. wc FF858 AP PDI-819-4 \$\leq 2.0 & > 0^1 in. wc PDI-819-4 \$\leq 2.0 & > 0^1 in. wc PDI-818-1 \$\leq 2.0 & > 0^1 in. wc PDI-818-2 \$\leq 2.0 & > 0^1 in. wc PDI-818-2 \$\leq 2.0 & > 0^1 in. wc PDI-818-5 \$\leq 2.0 & \leq 2.0 in. wc PDI-818-6 \$\leq 2.0 in. wc PDI-818-7 \$\leq 2.0 & \leq 2.0 in. wc		1-718-IQq ^t	<2.0 & > 0' im. wc	5759	STBY	STBY	STBY	18.	.3/	1.7
FP854 AP PDI-817-4 \$\leq 2.0 & \omega > 0^1 in. wc 300 area special PDI-819-1 \$\leq 2.0 & \omega > 0^1 in. wc recovery glovebox PDI-819-1 \$\leq 2.0 & \omega > 0^1 in. wc FF858 AP PDI-819-4 \$\leq 2.0 & \omega > 0^1 in. wc PDI-818-1 \$\leq 2.0 & \omega > 0^1 in. wc PDI-818-2 \$\leq 2.0 & \omega > 0^1 in. wc FF855 AP PDI-818-2 \$\leq 2.0 & \omega > 0^1 in. wc FF855 AP PDI-818-5 \$\leq 2.0 & \omega > 0^1 in. wc FF850 AP PDI-818-5 \$\leq 2.0 & \omega > 0^1 in. wc FF850 AP PDI-818-5 \$\leq 2.0 & \omega > 0^1 in. wc FF850 AP PDI-818-5 \$\leq 2.0 & \omega > 0^1 in. wc FF850 AP P	300 area glovebox	PDI-817-2	<2.0 & > 0 in. wc	SYBY	STBV	STBY	STRY	434	734	2 5
PDI-817-5 \$\leq 2.0 & > 0^1 in. wc 300 area special PDI-819-1 \$\leq 2.0 & > 0^1 in. wc recovery glovebox PDI-819-3 \$\leq 2.0 & > 0^1 in. wc FR858 AP PDI-819-4 \$\leq 2.0 & > 0^1 in. wc PDI-818-1 \$\leq 2.0 & > 0^1 in. wc PDI-818-2 \$\leq 2.0 & > 0^1 in. wc PDI-818-5 AP PDI-818-5 \$\leq 2.0 & > 0^1 in. wc PDI-818-5 \$\leq 2.0 & \leq 2.0 in. wc PDI-818-5 \$\leq 2.0 &	exnaust miter pienum (FF854) AP	PDI-817-4	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	STEY	STBY	5484	ST84	48°	.35	
300 area special PDI-81 9-1 \$\leq 2.0 & > 0^1 in. wc recovery glovebox PDI-81 9-3 \$\leq 2.0 & > 0^1 in. wc (FF858) AP PDI-819-4 \$\leq 2.0 & > 0^1 in. wc PDI-818-1 \$\leq 2.0 & > 0^1 in. wc S00 area glovebox PDI-818-2 \$\leq 2.0 & > 0^1 in. wc FF855 AP PDI-818-5 \$\leq 2.0 & > 0^1 in. wc RESSS \$\leq 2.0 & \leq 2.0 & \leq 2.0 & \leq 2.0 in. wc RESSS \$\leq 2.0 & \leq 2.0 & \leq 2.0 & \leq 2.0 in. wc RESSS \$\leq 2.0 & \leq 2.0 & \leq 2.0 in. wc RESSS \$\leq 2.0 & \leq 2.0 & \leq 2.0 in. wc RESSS \$\leq 2.0 & \leq 2.0 in. wc		PDI-817-5	-શ્રી	STBY	STRY	STBY	S T.BV	.32	32	. 3.2
FF858 AP PDI-819-3 \$\leq 2.0 & > 0^1 in. wc \rightarrow PDI-819-4 \$\leq 2.0 & > 0^1 in. wc \rightarrow PDI-818-1 \$\leq 2.0 & > 0^1 in. wc \rightarrow PDI-818-2 \$\leq 2.0 & > 0^1 in. wc \rightarrow PDI-818-2 \$\leq 2.0 & > 0^1 in. wc \rightarrow \rightarrow \rightarrow PDI-818-4 \$\leq 2.0 & > 0^1 in. wc \rightarrow \right	300 area special	PDI-81 9-1	<2.0 & > 0 in. wc	STBY	STRY	STBY	5787	.4/	14.	14.
FF858 AP PDI-819-4 \$\leq 2.0 & > 0^1 \text{ in. wc} \rightarrow \righta	recovery glovebox exhaust filter plenum	PDI-81 9-3	<2.0 & > 0 in. wc	STBY	STBY	STBY	STBY	. 40	1, 1, 1	141
300 area glovebox exhaust filter plenum (FF855) AP PDI-818-5 <2.0 &>0¹ in. wc (FF855) AP PDI-818-5 <2.0 &>0¹ in. wc PDI-818-5 <2.	(FF858) AP	PDI-819-4	<2.0 & > 01 in. wc	STBy	STB/	STBY	STRV	.34	45.	,34
300 area glovebox exhaust filter plenum PDI-818-2 <2.0 & > 0 ¹ in. wc (FF855) AP PDI-818-4 <2.0 & > 0 ¹ in. wc PDI-818-5 <2.0 & > 0 ¹ in. wc		'PDI-818-1	$\leq 2.0 \& > 0^{4} \text{ in. wc}$	-27	.27	.27	72.	57.67	STRY	5 7.8 7
PDI-818-4 $<2.0 \& > 0^{1} \text{ in. wc}$ PDI-818-5 $<2.0 \& > 0^{1} \text{ in. wc}$	300 area glovebox	PDI-818-2	<2.0 & > 0 ^t in. wc	. 58	.33	. 33	32	37.87	5 7 8 7	57.87
PDI-818-5 $<2.0 \text{ & } > 0^{1} \text{ in. wc}$	exnaust inter pienum (FF855) AP	PDI-818-4	<2.0 & > 01 in. wc	.32	.32	.32	,32	5767	5 7 8 7	24.00
_		PDI-818-5	$\leq 2.0 \& > 0^{1} \text{ in. wc}$.30	0	.30	.36	57.6%	STBY	5787
300 area special PDI-821-1 ≤2.0 & > 0⁴ in. wc recovery glovebox	300 area special recovery glovebox	PDI-821-1	<2.0 & > 04 in. wc	14.	٠,40	, Ho	04.	STBY	STRV	STRY
PDI-821-3 <2.0 & > 01 in. wc	exhaust filter plenum	PDI-821-3	<2.0 & > 0 in. wc	.45	.45	.45	54.	3T8Y	5187	57.84
3 AP PDI-8214 $\leq 2.0 \text{ & > 0}^{1} \text{ in. wc}$	(FF859) AP	PDI-821-4	≤2.0 & > 01 in. wc	,40	.40	. r	٥٨٠	st By	STBY	5787

TA55-S17-004, R17

Surveillance Rounds

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ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET] (Page 3 of 4)

			Date:	4/6/2015	4/2/2015	1/3/2015	4-9-15	4-11-15	4.11-15	4-12-15
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	BF	BF	6 _F	77	R	74	77
SRs	Description	Gauge	Acceptance Criteria			SURVE	SURVEILLANCE RESULTS (in. wc)	SULTS		
		'PDI-822-1	<2.0 & > 0 ^t in. wc	STBY	STBy	STBY	5784	57.87	578 V	7872
4.1.3.4	400 area glovebox	PDI-822-2	$<2.0 \text{ &} > 0^1 \text{ in. wc}$	STBY	STBY	STBY	STRV	57.67	5 T BY	STBY
	exhaust filter plenum (FF856) AP	PDI-822-4	<2.0 & > 01 in. wc	STBY	STBY	STBY	5784	5767	57.84	5 T.R.Y
		PDI-822-5	<2.0 & >01 in, wc	STBY	STBY	८म्छ	Y872	57.67	5 7.8 4	STRY
	3	¹PDI-823-1	<2.0 & > 01 in. wc	60.	<u>.</u>	<u>o</u>	60,	60.	60.	60.
4.13.4	400 area glovebox	PDI-823-2	<2.0 & > 0 in. wc	- 4Z	hh.	.43	. 42	.45	. H 2	, 42
	(FF857) AP	PDI-823-4	<2.0 & > 01 in. wc	6)	.49	. 49	. 48	.48	7.	44.
		PDI-823—5	<2.0 & > 01 in. wc	64.	, 49	. 49	٠ ۲٩	64.	64.	64,
***************************************	South Basement exhaust	1PDI-830-1	<2.0 & > 0 in. wc	٠٢٠	69	.69	69.	.68	69.	2
4.13.4	filter plenum	PDI-830-2	<2.0 & > 0 ¹ in. wc	.30	.30	.30	05,	,30	.30	30
i		PDI-830-3	$\leq 2.0 \& > 0^1 \text{ in. wc}$.29	.29	, 29	. 29	.28	. 29	57
	300 area re-circulation	1-958-10d1	<2.0 & > 0 in. wc	.97	٠٩٠	795	. 97	18,	.97	76.
	filter plenum	PDI-836-2	<2.0 & > 0 in. wc	. 59	. 59	.59	.58	15.	, 58	, 5g
4.1.1.7		PDI-836-3	<2.0 & > 0 ¹ in. wc	.58	. 58	. 5g	157	HS.	.53	. 52
	300 area re-circulation	¹pDI-837-1	<2.0 & > 01 in. wc	.50	. 50	. 50	05	,50	. 50	, 50
	filter plenum	PDI-837-2	<2.0 & > 01 in. wc	- ±	- -	.41	14.	14.	/4,	. 41
		PDI-837-3	<2.0 & > 01 in. wc	.39	.39	. 39	,38	.39	95.	, 39

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Surveillance Rounds

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ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 4 of 4)

				·						
191			Date:	1/6/2015	म्/ ⁷ /५	4/8/2015	4-9-15	4.10.15	14-11-15	4-12-15
			Weekday:	Мол.	Tue.	Wcd.	Thu.	Fri.	Sat.	Sun.
			Initials:	BF	크얼	න 17	7.0	100	67	, F
SRs	Description	Gauge	Acceptance Criteria			SURV	SURVEILLANCE RESULTS	SULTS		
	400 area re-rirentation	1-PDI-838-1	$\leq 2.0 \ \& > 0^4 \ \text{in. wc}$	84.	84.	84.	ο h .	47		3
	filter plenum	PDI-838-2	<2 0 & > 01 in. wc	. 55	.55	. 56	95	.57		, i
4.1.1.7	W (100-1411)	PDI-838-3	<2.0 & > 0 in. wc	:5	ંતુ	35	16	.50	i i	n 1
	400 area re-circulation	'PDI-839-1	\leq 2.0 & > 0 ¹ in, wc	hh-	<i>ከ</i> ታ •	44.	. 43	.43	~ 7	. 42
	filter plenum	PDI-839-2	\$2.0 & > 01 in. wc	.59	. 59	. হন	, 59	.50	. 58	, 58
		PDI-839-3	\leq 2.0 & > 0 ¹ in. wc	.53	.53	.53	.52	.52	52	5 1
	South Bleed off filter	1-018-10d1	\leq 2.0 & > 0 in. wc	H.	-15	. 15	51.	H/·	5/	1,5
÷.	plenum (FF-822A) AP	PDI-810-2	<2.0 & > 0 in. wc	. ዓላ	84	۲4٠	85'	.45	142	. 42
		PDI-810-3	$\leq 2.0 \text{ & > 0}^4 \text{ in. wc}$.43	54.5	.45	. 45	. 43	.42	. H.
	South Bleed off filter	'PDI -811 - 1	$\leq 2.0 \text{ & > 0}^4 \text{ in. wc}$	0FF	OFF	OFF	OFF	300	OFF	OFF
4.1.3.4	plenum (FR. 822 R) AP	PDI -811-2	≤2.0 & > 01 in. wc	ココロ	330	440	270	950	OFF	OFF
		PDI -811 -3	<2.0 & > 0 in. wc	140 04b	J-JO	978	055	0 6 %	OFF	OFE
			. Completion Time	0830	0160	20807	# £ 8 O	0800	7570	4470
00	OC Operator Review and Page Count Complete (initials)	age Count Comp	olete (initials)	1/2	7	- S.		Jan 19	The state of the	0
				100	1	1		*		

'Non TSR requirement:

Note: SR 4.1.1.7 applies during mode 1 as stated in I.CO 3.1.1. SRs 4.1.3.X apply during mode 1 and mode 2 as stated in I.CO 3.1.3.

Completed by: faul Land Date 412.15 Time 0744 Reviewed by:

Comments

Date: 4/14/15 Time: 02(03 0)

On-daty Supervisor

TA55 _ i.P-004, R17

ATTACHMENT B-2: Daily Surveillance Rounds (PF-4 North Side)[UET] (Page 1 of 4)

				(10.00						
			Date:	4/6/2015	4/7/2015	4/8/2015	4/9/2015	J1/10//2	51-11-H	4-12-15
			Weekday:		Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	8 _F	G,	6	æ∫tr	24	79	7-6
SRs	Description	Gauge	Acceptance Criteria			SURV	SURVEILLANCE RESULTS (in. wc)	ESULTS		
	Vault re-circulation	¹ PD1-840-1	$<2.0 \& > 0^1 \text{ in. wc}$	71.	Ē	Ë	71.	STOY	57.84	57.87
	filter plenum	PDI-840-2	<2.0 & > 0 in¹. wc	.58	.58	. 58	.58	STSY	5484	51.85
		PDI-840-3	2.0 & > 0 in, we	. 50	.50	.50	. 50	STBY	5787	STBV
4.1.1.7	Vault re-circulation	¹PD1-841-1	<2.0 & > 0" in wc	STBy	STBY	STBY	STBy	. पर	hn.	74.
-	filter plenum	PDI-841-2	<2.0 & > 0 'nn. wc	STBY	STBY	SrBy	STBY	35.	.57	5.8
		PDI-841-3	<2.0 & > 0 in. wc	STBX	STBY	STBY	STBY	.50	. 50	r.
	200 area re-circulation	'PDI-831-1	$\leq 2.0 \text{ & > 0}^3 \text{ in. wc}$.33	. 32	. 33	. 33	.33	\$5,	.3>
	filter plenum	PDI-831-2	<2.0 & > 0 ⁴ in. wc	7.4	141	14,	14.	24	oh.	0, 1
		PDI-831-3	<2.0 & > 01 in. wc	.32	.35	. 33	.33	35.	.32	4 8
	200 area re-circulation	¹PDI-832-1	<2.0 & > 01 in. wc	. 32	.33	. 33	. 33	.32	.33	, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5,
	filter plenum	PDI-832-2	<2.0 & > 0 ⁴ in, wc	. 60	. 60	. 60	09.	ં છે	99.	60
		PDI-832-3	<2.0 & > 0 in. wc	. 58	.57	.58	. 58	, 55	.55	5.5
	1	I-208-IGJ	$\leq 2.0 \& > 0^{1} \text{ in. wc}$. 12	.12	.12	.12	71.	.12	.12
4.1.3.4	North Bleed off filter plenum	PDI-807-2	<2.0 & > 0 in. wc	.50	.50	. 50	.50	.50	05	. 50
	(FF-820A) AI	PDI-807-3	<2.0 & > 0 in. wc	.49	.49	. 49	49	149	64.	6H.
	North Bleed off filter	1-608-10d,	<2.0 & > 0 in. wc	OFF	OFF	977	OFF	250	DFF	OFE
4.1.34	plenum (FF-820B) △P	PDI-809-2	≤2.0 & > 0 in. wc	OFF	아무다	0FF	0FF	240	OFF	OEF
		PDI-809-3	<2.0 & > 0 in. wc	057	OFF	0 FF	OFF	540	OFF	OFF

Surveillance Rounds

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

				. I						
		<u>'</u>	Date:	4/6/2015	4/1/2015	4/8/2015	49/2016	4/16/15	4-11-15	4-12-15
			Weekday:	Mon.		Wed.	Thu,	Fri.	Sat.	Sun.
			Initials:	B _F	₽	99 77	8	2	37	74
SRs	Description	Gauge	Acceptance Criteria			SURVE	SURVEILLANCE RESULTS (in. wc)	SULTS		
	N Total	1-628-IQ1	<2.0 & > 0 in. wc	. 15	.15	.15	51:	51	. 15	. 15
4.1.3.4	filter plenum (FF-828)	PDI-829-2	<2.0 & > 0 ¹ in. wc	.38	. 38	. 38	.38	.39	,39	62,
		PDI-829-3	<2.0 & > 01 in, wc	.30	. 29	. 29	.30	35.	0 20	.30
	105 area re-rirenlation	¹PDI-833-I	$<2.0 &>0^4 \text{ in. wc}$	>1.0	>1.0	>1.0	71.0	0.1<	> 1.0	21.0
	filter plenum	PDI-833-2	$\leq 2.0 \ \text{\&} > 0^4 \ \text{in. we}$	84.	8h·	84.	. 48	54.	34'	. 4.0
4.1.1.7		PDI-833-3	$\leq 2.0 \ \& > 0^{-1} \ in. \ wc$	94.	94.	.47	.46	5h.	77.	7 7
,	100 area re-rirculation	1-835-1	$\leq 2.0 \& > 0^1 \text{ in. wc}$. 16	91:	. 16	. 16	<u>-3</u>	-12	911.
	filter plenum	PDI-835-2	\leq 2.0 & > 0 ³ in. wc	84.	8h.	٠ 48	.47	sh.	56'	57.
	11/ (200-1411)	PDI-835-3	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	141	TH.	14.	175.	15.	15.	/#"
	#	1-815-1	$\leq 2.0 \text{ & > 0}^1 \text{ in. wc}$	STBY	STBY	STBY	STBY	STBY	57.81	STRY
4.1.3.4	100 area glovehox	PDI-815-2	$\leq 2.0 \& > 0^1 \text{ in. wc}$	STBY	STBY	STEY	STBY	STBY	5787	5784
	exhaust tiller plenum (FF852) AP	PDI-815-4	$\leq 2.0 \& > 0^1 \text{ in. wc}$	STBY	STBY	STEY	STBY	STBY	STBY	5787
		PDI-815-5	<2.0 & > 01 in. wc	STBY	STBY	STBY	STBY	STBY	57.84	STBY
		1-918-10dt	<2.0 & > 0 in. wc	. 39	.40	.39	.39	,34	.29	65.
4.1.3.4	100 area glovebox	PDI-816-2	$\leq 2.0 \& > 0^{1} \text{ in. wc}$. 48	8h·	.48	¥.	٠٠٩	. 48	. 48
	exhaust filter plenum (FF8S3) AP	PDI-816-4	\leq 2.0 & > 0 ¹ in. wc	. ida	84.	8 H. •	. 48	.45	5 h ·	. H S
		PDI-816-5	<2.0 & > 01 in. wc	. 49	.48	.48	. 48	۲۶.	.48	. 47

ATTACHMENT B-2: Daily Surveillance Rounds (PF-4 North Side) [UET] (Page 3 of 4)

				(-0 -0)						
			Date:	1/6/2015	3105/2/	48/2015	4/4/2015	4/10/15	4-11-15	4-12-15
			Weekday:	Dr.		Wed.	Thu.	ľñ.	Sat.	Sun.
			Initials:	8 _F	e _F	BF	B.	Z	74	PT
SRs	Description	Свиде	Acceptance Criteria			SURV	SURVEILLANCE RESULTS (in. wc)	ESULTS		
	200 area glovebox	1-518-10d1	<2.0 & > 01 in. we	STBY	STBY	STBY	STBY	57.67	57 By	STRY
	exhaust filter plenum (FF850) AP	PDI-812-2	<2.0.& > 01 in. wc	STBY	STBY	STBY	STBY	51.67	57.87	5787
4.1.3.4		PDI-812-3	<2.0 & > 01 m. wc	STBY	STBY	STRY	STBY	STBY	5 7.8 7	STBY
		PDI-812-4	<2.0 & > 01 m. wc	STBY	STBY	STBy	STBY	STAY	STRY	5787
		PDI-812-5	<2.0 & > 01 in. wc	STBY	STBY	STBy	STBY	57.84	STRY	STRY
	200 area glovebox	1PDI-813-1	<2.0 & > 01 m, we	90.	1.09	1.10	1.09	1.09	1.09	1.09
•	exhaust filter plenum (FP851) AP	PDI-813-2	<2.0 & > 01 in. wc	.31	<u>رن</u>	.31	.31	. 31	18.	, 3/
******		PDI-813-3	<2.0 & > 01 in. wc	.26	. 28	.28	.28	.28	2.0	00
		PDI-813-4	<2.0 & > 0 ¹ in, wc	. 3Z	.32	. 32	.32	.31	.31	3 /
		PDI-813-5	<2.0 & > 01 in. wc	. 25	. 27	. 28	.28	.25	25.	77.
	IFIT exhaust filter plenum	1-598-IGd ₁	<2.0 & > 01 in. wc	40.	.03	.03	. 03	,03	. 03	0.3
4.1.4	(FF-865) AP	PDI-865-2	<2.0 & > 01 in. wc	.32	٠ ا	.31	.32	: 52	.32	131
		PDI-865-3	<2.0 & > 01 in, wc	.38	. 39	æ.	. 39	1.39	96.	4.9
	HFTT supply filter plenum	¹PDI-863-I	<2.0 & > 01 in. wc	.05	.05	.05	.05	ر د	10.	.04
4.1.3.4	(11VP-863) AP	PDI-863-2	<2.0 & >0t in. wc	. 28	.28	82	.28	54.	87.	.29

Surveillance kounds

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

				(10, 29, 1)				-		
			Date:	4/6/2015	4/7/2015	4/2/2015	4/9/2015	4/10/15	7-11-15	4-12-14
			Weekday:	ď.		Wed.	Thu.	Fi.	Sat.	Sun.
				र्व		PF PF	20	2	1	
SRs	Description	Gauge	Acceptance Criteria		,	SURV	SURVEILLANCE RESULTS	ESULTS	71	77
	North Basement supply	1-728-IQq ¹	\$ 2.0 & > 01 in. wc	.07	10.	,	100	-		
4.1.3.4	(HVP-840) AP	PDI-857-2	$\leq 2.0 \text{ eV} > 0^{-1} \text{ in. wc}$.50	. 50	2 0	.50	3 V	.07	20'
4.1.3.4	North corridor supply filter plenum	1-958-IOI-	\$2.0 & > 04 in. wc	70.	70.	. ro.	F0.	7.7	0 20	50
	d∇ (608-4ΛΠ)	PDI-856-2	<2.0 &>0' in, wc	. 50	.50	. 50	.50	.8	2 7 7	80 7
VN.	Combustible exclusion area around basement exhaust fans FE828, FE829 and bleed-off fans FE820A, FE820B, FE822C, FE822A, FE822B, FE822C		0 lb/ft² combustibles in designated exclusion area (within 15 feet of faus)	SAT	SAT	SAIT	SAT	**	4 4	
43.2.2	Rooms 201, 204, 206, & 207		o Ib/R² 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	tro	1	4
			Completion time	0830	0160	1080	0830	0827	07.52	100
	OC Operator Rev	OC Operator Review and Page Count Complete	ount Complete (initials)	Charles of the same of the sam	The	Se Contraction	A 320	1		
Note: SR 4.	Non TSR requirement Note: SR 4.1.3.4 applies during mode 1 and mode 2.	l and mode 2.	N	De s	150	R.	S. C.	TE TE	1	

Note: SR 4.1.3.4 applies during mode 1 and mode 2.

Completed by: fard Lynn Date 4-12 15 Time 0 811_ Reviewed by:

Comments:

Date: 114/15 Time: 0430 On-duty Supervisor

ATTACHMENT C: Non-PF-4 Daily Surveillance Rounds [UET]

			M&TE Calibrated Data			
	PF-10 Thermometer File No.: O397 46	039746	PF-10 Thermistor File No.: 0422.53	0422.53	V-701 Thermistor File No.: 039744	039744
Record September	Calibration Expiration Date:	6-17-15	Calibration Expiration Date:	10-26-15		4-26-15
through April only	PF-11 Thermometer File No.: 0412 52	041252	PF-11 Thermistor File No.:	040378	V-704 Thermistor File No.: OHOS 75	040375
	Calibration Expiration Date:	6-17-15	Calibration Expiration Date:	4-26-15	Calibration Expiration Date:	6-26-15

								200.00	
	PF-10 & PF-11 Pumpha	PF-10 & PF-11 Pumphause Room Temperature and V-701 & V-704 Fire Water Storage Tank Temperature	V-701 & V-70	Fire Water !	Storage Tank T	emperature		,	\
9781		Date:	4.6.15	21.7.4	4.6.15 4.7.15 4.8-15 4-9-15		4-10-15	4/11/15	-lalls
	Daily (September through April only)	Weekday:	Mon.	Tue.	Wcd.	Thu.	Fri.	' Sat.	Sun.
		Initials:	79	74	77	건	4	10	k
SR	Description	Acceptance Criteria							
NA	ENSURE M&TE Calibration Ixata above is recorded and calibration dates have not elapsed.	Calibration dates have not elapsed.	SADAUNSAT	SATHUNSAT	SATJUNSAT	M UNSAT	SAT UNSAT	EAP JUNSAT	SALAINSAT
4.3.1.1	RECORD fire water storage tank V-701 temperature	≥42,1 F	52.3	52.8	53	52.8	52.3	52.2	57.6
4.3.1.1	RECORD fire water storage tank V-704 temperature	≥ 42.1 F	ξ 45	5.5	55.2	55.0	54.6	545	55.0
43.1.3	RECORD PF-10 room temperature	≥ 50.1 F	1.87	62.3	62.2	61.2	60.9	6/9	62,7
4.3.1.31	RECORD PF-11 room temperature	≥ 50.1 F	2.h9	63.9	65	(4.1	(e5.D	6/9	63.0
		Completion Time:	0958	0952	OBYS	PE80	0833	0826	8/90
	OC Operator Review and Page Count	Count Complete (initials)	827	The	Ban	-30 OF	Se Se	Just 1	MA
		-				1			

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

Date 4/14

Date:

Time:

Completed by:

Reviewed by: On-duty Supervisor

Comments:

ATTACHMENT A: Per Shift Surveillance Rounds [UET] (Page 1 of 3)

					D	(,	/	, ,		3				
i	Note		Date:	1/13	Σ	4 14 18	.	415	À	1/9//	72	3/11/2	1/81/1	6	4/19/12	5
Gauge re	Gauge readings should be taken on rack #4 in the OC.		Weekday:	Mon.	ï.	Tue.	i	Wed.		Thu.		Fri.	Sat.		Sún.	نہ
whenever	whenever possible. Document if		Shift:	AM	PM	AM	PM /	AM	PM	AM PM	1 AM	PM	AM	PM.	AM	PM
atternate P	alterrale l'Ols are used.		Initials:	3	9	7	38	18	1	The state of the s	3	080	7	4	3	4
SRs	Description	Gauge Acce	Gauge Acceptance Criteria				3 2	GRV	EILL	SURVEILLANCE RESULTS (in. wc)	RES	ULTS			1	
	200 area glovebox exhaust header AP	PDI-814-1 or PDI-814-2	<-1.0 in. wc¹	-2.13	2/2	7.5-	2.7	2.16.2	2.16	2.14 2.13	2 - Z	13	2.16	3.17	112-	7 1
4.1.1.1	100 area glovebox exhaust header AP	PDI-820-1 or PDI-820-2	≤-1.0 in. wc¹	191-	1-9	161-	5	1-72		191	21:)-1151-		-)41		1.9.1	-127
	300 area glovebox exhaust header AP	PDI-870-1 or PDI-870-2	<-1.0 in. wc¹	- div	<u> </u>	36:1-	43.	197-197	£-	1991 dist	7-1.98		<u>=</u>	86:)-	-148	-1-8
	400 area glovebox exhaust header AP	PDI-864-1 or PDI-864-2	<-1.0 in. wc¹	-Ja7	657	-130	(S)	17.6-197		797 4.97	7-1.97	18%	CP.(-	76.1-		167-
	200 area laboratory PDI-803-1 or header AP PDI-803-2	PDI-803-1 or PDI-803-2	≤-0.05 in. wc¹	21-	762	e	2	Or o'	72.	22. 05.00	12- 7	5	925	30	12-	-32
	100 area laboratory PDI-802-1 or header AP	PDI-802-1 or PDI-802-2	<-0.05 in. wc	57'-	:37	-13	V3.	100	0.22	10.92 Z.4	F2	£2,	£2'-	7,33	12,-	, 5
4.1.1.2 4.1.1.5 4.1.2.2 ²	300 area laboratory PDI-853-1 or header AP PDI-853-2	PDI-853-1 or PDI-853-2	<-0.05 in. wc¹	Or'-	aC'	- 19	8,.		٥, ٩	61-101	-19	8).	90	20	02	35
	400 area laboratory PDI-852-1 or header AP PDI-852-2	PDI-852-1 or PDI-852-2	<-0.05 in. wc¹	J. 20	100	02.4	y ai	A.	18	02. W.O.	12:	6/:	02-	2	125	16 -
200	IFIT Facility AP	PDI-865-4 or PDI-865-5	<-0.05 in. wc	7 61	91	b '-	4	01,01	6 61.	610	7.	8-	-19	6	-,19	21.
0.50	North basement AP		< 0.00 in. wc	Lai	-19	09	a or	100g	0.	10,0	- 6	30.	po	105	85	5
4.1.1.3	South basement AP	PDI-854-1 or PDI-854-2	< 0.00 in. wc	500	11.	P0	60.		J. 40.	10°0	٦0	80.	-09	705	- 00 -	60
	IRT Tunnel AP	PDT-901 or PDI-901	< 0.00 in. wc	Lba-	-149	- 343	BA	-0110	100 to1.	ta.	169-1810	,80.	900-	380	1.0°F	,100

ATTACHMENT A: Per Shift Surveillance Rounds [UET] (Page 2 of 3)

								1		-						
	Note		Date:	Piles P		14 (td	7	11/5/1	14	1/9/	7 4 1	71 17	S h	18/12	21/11/12	ما
Reading	Readings should be taken using FCS screens		Weekday:	Mon.	-;	Tue.		Wed.	-	Thu.	<u> </u>	Fri.	Sat.	it.	Sun.	ë
FMT#1	FMT#151,152,201LD		Shift:	MA	PM /	AM P	PM A	AM P	PM AM	M PM	1 AM	PM	Σ	PM	AM	PM
and 202 and local be used if	and 202LLD. Fred verincation and local plenum PDIs may be used if FCS is unavailable.		Initials:	٦	9	3	800	12/	1/2	18	3	GHO	3	9	3	9
SRs	Description	Readings	Acceptance Criteria		-		SZ.	URVI Sat.	RVEILLAN Sat. / Unsat.	SURVEILLANCE RESULTS Sat. / Unsat. (circle one)	CE RESUL (circle one)	ULTS				
	200 area re- circulation fan/	FR-801 Icon red and PDT-831 AP>,050 or	At least one fan/plenum is in	Sar	Sat	Sal		RS TREE		Sat Sat	(Sat	Saf	Sat	Sat	Sat	Sat
	plenum	FR-802 Icon red and PDT-832 AP>,050		Unsat Unsat Unsat Unsat Unsat Unsat	Insat	nsat	nsat Ur	ısat Un.	sat Uns	Unsat Unsat Unsat Unsat Unsat Unsat	ıt Unsai	Unsat	Unsat	Unsat	Unsat Unsat	Unsat
// ·	100 area re- circulation fan/	FR-803 fcon red and PDT-833 AP > .050 or	At least one fan/olenum is in	(<u>s</u>	Sat	Sat	Sat	Sat		Sat	(Sa)	Sat	Sat	(3)	(Z)	Sat
	plenum	FR-804 Icon red and PDT-835 AP >,050		Unsat	Unsat U	UnsatUr	ısat Ür	Unsat Unsat Unsat	sat Unsat	at Uns	Unsat Unsat Unsat Unsat	Unsat	Unsat	Unsat Unsat	Unsat	Unsat
4.1.1.6	300 area re- circulation fan/	FiR-805 Icon red and PDT-836 AP > .050	At least one fan/olenum is in	Sat	Sat	Sac	Sat)	Sat	(SE)	Sat Sat	Sat	(Sa)	(S)	3	Sat	Sat
<u> </u>	plenum	FR-806 Icon red and PIXT-837 AP > .050		Unsat Unsat Unsat	nsat U	nsat	Unsat Un	Unsat Un	sat Uns	Unsat Unsat Unsat	tt Unsat	Unsat	Unsat Unsat Unsat Unsat Unsat	Unsat	Unsat	Unsat
	400 area re-	FR-807 Icon red and PDT-838 AP >.050	At least one fan/olenum is in	(Saft	Sat	Sar	Sat (Sat	Sal Sal	Sat	(\$a)	Sat	3	(Sat)	(ES)	Sat
	plenum	n red and AP >.050		Unsat Unsat Unsat Unsat Unsat Unsat	nsat U	nsat Un	isat Un	sat Uni	sat Uns	Unsat Unsat Unsat Unsat Unsat Unsat Unsat	ıt Unsat	Unsat	Unsat	Unsat	Unsat	Unsat
2 <u>9</u> 0	Vault re-	FR-811 Icon red and PDT-840 AP >.050	At least one	Sat	Say	Sat	Sar	Sar	Z.	Sign	(S)	(Sat	C.	Sag	Sat	(Sa
	circulation fan/ plenum	or FR-812 Icon red and PDT-841 AP >,050	fan/plenum is in service (Unsat	nsat U	nsat Cr	sat Cr	Isat Un	Z Z Z	at Chas	t Unsat	Unsat	Unsat	Unsat	Jusat	Jnsat

ATTACHMENT A: Per Shift Surveillance Rounds [UET]

(Page 3 of 3)

AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	erriate Gauge PDI-814-2 PDI-803-2 PDI-804-2 PDI-802-2 PDI-804-2 PDI-870-2 PDI-853-2 PDI-854-2 P	11/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1	Mon. Tue. Wed. Thu. Fri.	Shift: AM PM	Wals: W. D. W. ODD By John W. D. W. D. W. A.	SURVEILLANCE RESULTS	1.803. (Sar (Sar Sar Sar Sar (Sar) Sar (Sar) (Sar) (Sar (Sar	Unsat	1.802 Unsat	1-853 Sat Sat Sat Sat Sat San San San Sat	1-852- Unsat		0861 2200 0861 1820 1831 1830 1831 1830 1831 1830 0831 1840 0861 1830 0861 1830
0 0 0 0 0 0 0 0 0 0 0 0		4 13	-	\vdash	Initials: 12 1	Criteria	4-2 < PDI-803- Sat	PDI-804-2 Unsat	0-2 < PDI-802 - Unsat	0-2 < PDI-853 Sat	4-2 < PDI-852- Unsat PDI-854-2		
	Note lings should be tak n possible, local PDI ecessary. Documen Glovebox exhaust header APs < laboratory APs < laboratory APs < laboratory APs areas 100, 200, 300 and 400		en on rack #4 in	equivalents may t any alternate	K		PDI-814-2	PDI-804-2	PDI-820-2 PDI-802-2 PDI-804-2	PDI-853-2 PDI-853-2 PDI-854-2	400 Arca PDI-852-2 PDI-854-2 PDI-854-2	Completion Ti	

Note: 1 Mode 2 acceptance criteria is <0.00 in. we Note: 2 SRs 4.1.2.x only apply during mode 2 in accordance with LCO 3.1.2.

Completed by:

Date 4-1915 Time 1930

Date: 4(20/15 Time: On-duty Supervisor Reviewed by:

Comments:

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 1 of 4)

SR 4.4.1.1, The OPERABILITY acceptance criterion for this surveillance is:

storage cabinet. The gas concentration readout directly on the detector in the storage cabinet is compared with the gas concentration readout on The FLAMMABLE GAS detector in the FSTF FLAMMABLE GAS SOURCE storage cabinet is exposed to the ambient atmosphere in the 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:	21/8/12	4-14- 15	4/13/15 4-15 1-15-15 4/16/2015	4/16/2015	4-17-15 4-W-LS	4-11-15	51/01/12
		Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
		Initials:	#2	PT	Vine!	βг	77	3	13 3
	Description / Gauge	Acceptance Criteria		<i>S</i> 3	SURVEILLANCE RESULTS (percentage)	CE RESULTS	(percentage)		
	Flammable Gas Channel Check			į.			:		
SR	DET-305-3 (LCD Reading)	Ϋ́Z	3	0.0	۵ ن	0.0	0.0	0.0	80
4.4.1.1	CP-305-H (LED Reading)		0.0		9 6	0.0	0.0	00	2.
	(DET-305-3) - (CP-305H)	Record Calculated Value	0.0	0	0.0	0.0	0.0	00	G G
ļ	(LCD Reading) (LED Reading)	≥ -0.1; <+0.1	Sat / Unsat. (Sat / Unsat.	Sat // Unsat.	Sat.) Unsat.	Cat) Unsat. (Sat) Unsat. (Sat. / Unsat. (Sat. / Unsat.	Sat / Unsat.	Sal. / Unsat.	SA. / Unsat.
		Completion Time: 0820	0880	0842	0150	0752	07/2 0813	0813	0895

Surveillance Ruands

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ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side)[UET] (Page 2 of 4)

				(TO TO CON 1)	(-	27/20/20				
			Date:	4/13/15	4-14-15	4-15-15	4/4/2015	4-17-15	4-18-15.	84141S
			Weekday:	Mon.	Tuc.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	T N	74	*/	2	70	3	M. M.
SRs	Description	Gauge	Acceptance Criteria			SURVI	SURVEILLANCE RESULTS (in. wc)	SULTS		
4.1.3.4	South basement	1~\$68-1Ωd₁	$<2.0 & > 0^1$ in. wc	.07	10'	T0.	.07	.07	.70	9,4
	supply filter plenum (HVP-841) AP	PDI-894-2	$< 2.0 \text{ R} > 0^1 \text{ in. wc}$.55	٠ ٣٠	.52	.52	.53	25	Q.
	South Corridor	1-568-ICId ₁	$\leq 2.0 \ \& > 0^{7} \ in. \ wc$	60.	60'	90.	60.	60.	inT	g 2
4.1.3.4	810) AP	PDI-895-2	$\leq 2.0 \ \& > 0^{1} \ in, wc$	19.	19'	79,	.62	.4.	157	.53
		1-718-104	$\leq 2.0 \text{ & > 0}^1 \text{ im. wc}$	32	,32	.32	.32	,32	24.	25
4.1.3.4	300 area glovebox	PDI-817-2	$\leq 2.0 \ \& > 0^1 \ \text{in. wc}$	££ .	۲, در ,	-35	.33	2. 7.	35	1,2,
	exhaust filter ptenum (FF854) AP	PDI-817-4	$\leq 2.0 \ \& > 0^1 \ \text{in. wc}$.35	; ;v;	×	.37	37	38	8,
		PDI-817-5	$\leq 2.0 \& > 0^1 \text{ in. wc}$) (E .	34	.32.	. 34	62.	25'	2
	300 area special	PDI-81 9-1	$\leq 2.0 \text{ & > } 0^{4} \text{ in. wc}$	14.	14	14.	14.	15.	[17]	E
4.1.3.4	recovery glovebox exhaust filter plenum	PDI-81 9-3	$\leq 2.0 \text{ & > 0}^1 \text{ in, wc}$	14.	7	17.41	.43	177	10.20	3
	(FF858) AP	PDI-819-4	$\leq 2.0 \ \& > 0^1 \ \text{in. wc}$	25.	. 32	.35	.37	. 3 5	.35	<u> </u>
		1-818-10d ₁	≤2.0 & > 0¹ in. wc	5.8%	STRY	STBY	5184	S 7-8 V	STB1	A.
4.1.3.4	300 area glovebox	PDI-818-2	$\le 2.0 \text{ & > 0}^1 \text{ in. wc}$	57.75	STBY	STBY	STGY	STRU	STBY	1777
	exhaust filter plenum (FF855) AP	PDI-818-4	$\leq 2.0 \& > 0^1 \text{ in. wc}$	1818	STBY	STBY	20 + 20	28/4/5	STREE	
		PDI-818-5	\leq 2.0 & > 0 ¹ in. wc	578/	STBY	STBY) in the second	STRV	STAL	1 1 1 1 1 1 1 1 1 1
	300 area special recovery provehox	PDI-821-1	$\leq 2.0 \& > 0^4$ in. wc	STEY	5787	ST&Y	STEK	STBV	STB/	774
4,1.3.4	exhaust filter	PDI-821-3	\leq 2.0 & > 0 ¹ in. wc	57.31	SYRY	5167	3787	STBY	STB!	7677
	(FF859) AP	PDI-821-4	\leq 2.0 & > 0 ¹ in. wc	द्राहर	5787	STBY	STBY	5784	STIM!	£

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Surveillance Rounds
ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET]
(Page 3 of 4)

				()	1					
			Date:	4/13/15	H-12-15	4-15-15	4/16/2015	4-17-15	4-18-1>	SWbyAna
			Weekday:	Mon.	Tuc.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	地	14	**	6 F	49	δ.	KM M
SRs	Description	Gauge	Acceptance Criteria			SURV	SURVEILLANCE RESULTS (in. wc)	SSULTS		
		'PDI-822-1	$\leq 2.0 \ \& > 0^1 \ \text{in. wc}$	STBY	5 7.84	51.67	STBY	5787	STBY	7
4.1.3.4	400 area glovebox	PDI-822-2	$\leq 2.0 \text{ & > 0}^{1} \text{ in. wc}$	Sirk	STRY	KSIS	STBY	STRY	3078	旁
	exhaust filter plenum (FF856) AP	PDI-822-4	$\leq 2.0 \ \& > 0^4 \ \text{in wc}$	57.34	57.84	STBY	ST31	5787	rate	i i
		PDI-822-5	$\leq 2.0 \ \& > 0^4 \ in, wc$	1315	1878	STBY	STBV	STRY	< <u>1</u> 91,	AFS.
		¹PDI-823-I	\leq 2.0 & > 0 ¹ in. wc	60.	60"	PD.	o! ·	07.	Cı,	8,
4.1.3.4	400 area glovebox	PDI-823-2	$\leq 2.0 \& > 0^1 \text{ in, wc}$	143	24,	21.	.43	. 42	7.5	5
	(FF857) AP	PDI-823-4	$\leq 2.0 \ \& > 0^{1} \ \text{in. wc}$	3.4.5	94,	.45	84.	. 45	بر	, F,
		PDI-823—5	\leq 2.0 & > 0 ¹ in. wc	, 4PQ	149	٠٩٩,	64.	64,	\$ 5'	A.
	South Basement exhaust	1-0E8-IOd1	$\leq 2.0 \& > 0^{1} \text{ in. wc}$. 69	69	89,	69.	69.	691	59
4.1.3.4	filter plenum	PDI-830-2	$\le 2.0 \& > 0^4 \text{ in. wc}$.30	35	30	.30	Φ£+	130	796
		PDI-830-3	$\leq 2.0 \ \& > 0^{1} \text{ in. wc}$. 29	87.	.28	. 29	128	82	Br.
	300 area re-circulation	¹PDI-836-1	$\leq 2.0 \ \& > 0^1 \ \text{in. wc}$.97	.47	Lb	76.	46.	76	ږِ
	filter plenum	PDI-836-2	$\leq 2.0 \& > 0^{1} \text{ in. wc}$. 58	35.	.58	\$5.	9.5'	<i>\</i> 58'	¥.
4.1.1.7		PDI-836-3	$\leq 2.0 \& > 0^{1} \text{ in. wc}$. 52	. 52	.52	.52	. 5.2	25'	5.5
	300 area re-circulation	¹PDI-837-1	<2.0 & > 0 in. wc	.50	.50	.50	50	05'	05'	200
	filter plenum	PDI-837-2	$\leq 2.0 \& > 0^{1} \text{ in, wc}$.41	/ 6 .	- 1	\ \\ \bar{1} \bar{1} \\ \bar{1} \\ \ar{1} \\ \	١4،	141	14:
		PDI-837-3	\leq 2.0 & > 0 ¹ in. wc	.39	, 39	. 39 .	pr.	530	38	S.

Surveillance Reands

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ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 4 of 4)

			Date:	4/13/15	51-11-4	4-15-15	4/46/2015	4-17-15	4-18-1)	31/6/12
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Į	Sun.
			Initials:	满	74	76.41	BF	な	ડ	No contract
SRs	Description	Gauge	Acceptance Criteria			SURVE	SURVEILLANCE RESULTS (in. wc)	SULTS		
	400 area re-circulation	1PDI-838-1	$\leq 2.0 \text{ & > 0}^{1} \text{ in. wc}$	74.	8 6.	۲۲,	74.	143	717'	7
	filter plenum	PDI-838-2	$\leq 2.0 & > 0^{1} \text{ in, wc}$	157	.57	.57	. 56	,5%	25'	1 1/2
4.1.1.7		PDI-838-3	$\leq 2.0 & > 0^{1} \text{ in. we}$,50	,50	.50	15.	, 50	OS.	, ,
	400 area re-circulation	1-683-IGd ₁	\leq 2.0 & $>$ 0 in, wc	.43	. 43	, A3	. 43	, u z	25.	26
	filter plenum	PDI-839-2	$\leq 2.0 \ \& > 0^{1} \ in. \ wc$. 58	, 5p	, 56	.58	or No.	×S.	i n
	11/ (000-1411)	PDI-839-3	$\leq 2.0 \text{ & } > 0^1 \text{ in. wc}$	19	1.21	25.	.52	,52	15,	
	South Bleed off filter	1-018-1Gd,	$\leq 2.0 \text{ & > } 0^{1} \text{ in. wc}$	151	ין ועו	.13	ri.	7.	171'	1 1
4.1.4	plenum	PDI-810-2	$\leq 2.0 \& > 0^{1}$ in. wc	\$5'	. 4 S.	इ.स.	49	0 17 0	Sh.	Ų
		PDI-810-3	$\leq 2.0 \text{ & > } 0^1 \text{ in. wc}$	24.	.42	-5h:	64.	77	ر با در با) <u>‡</u>
	South Bleed off filter	'PDI -811 - 1	$\leq 2.0 \text{ &> } 0^{1} \text{ in. wc}$	OFF	370	10日	0 47	0 7 7	OFF	لي
4.1.3.4	plenum	PDI -811 -2	$\leq 2.0 \text{ & > } 0^4 \text{ in, wc}$	##@	270	450	A T	OFF	77.0	: 20
	(FF-822B) AF	PDI -811 -3	<2.0 & > 01 in. wc	けたの	OFF	120	OFF	0 11 1	OFF	76 26
			. Completion Time	2480	0856	2180	0820	0 70 8	OK1K	OKEZ
00	OC Operator Review and Page Count Complete (initials)	age Count Comp	lete (initials)	100	3	Red &	18	3	3	3
i dor			1100		Æ		New X	1853		

Non TSR requirement:

Note: SR 4.1.1.7 applies during mode 1 as stated in LCO 3.1.1. SRs 4.1.3.X apply during mode 1 and mode 2 as stated in LCO 3.1.3.

Completed by: Michael Tres, Date OH AGYS Time 05557 Reviewed by: 1855

Comments

Date: 4/21/15 Time: 0645

On-duty Supervisor

ATTACHMENT B-2: Daily Surveillance Rounds (PF-4 North Side)[UET]
(Page 1 of 4)

				(1 TE 1 OF 1)		187	200 000			
			Date:	4/13/15	4/14/2015	4/15/2015	4-16-15 H.17-15 BANRIS	4.17.15	124-VARVS	3/81 /HO
			Weekday:	Mon.		· Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	Ā	6	æ,	7.	7 C	153	18
SRs	Description	Gauge	Acceptance Criteria			SURV	SURVEILLANCE RESULTS (in. wc)	SULTS		
	Vault re-circulation	'PDI-840-I	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	57.34	STBY	<u>इ</u> न8 १	STRV	5784	À V	4+2
	filter plenum	PDI-840-2	$\leq 2.0 \ \& > 0 \ im^{1}$. wc	5784	SrBy	STBY	7872	STRU	\ \}) Zqv
		PDI-840-3	$< 2.0 R > 0^{1} \text{ in. wc}$	5181	STBy	STBY	× 7 7 ×	5787	ŧ	(A)
4.1.1.7	Vault re-circulation	¹PDI-841-1	$\leq 2.0 \text{ & > 0}^1 \text{ in. we}$	44.	hh:	, 44	7.	,45	Ŧ	王
	filter plenum	PDI-841-2	\leq 2.0 & > 0 ¹ in. wc	1.5.7	.57	.57	ES.	, n	.58	74
	177 (P10-14)	PDI-841-3	\leq 2.0 & > 0 ¹ in. wc	.50	.50	.50	. 50	150	.58	, ki
	200 area re-circufation	'PDI-831-1	≤2.0 & > 01 in. wc	. 33	33	.33	. 33	, 32	S.	۲.
	filter plenum	PDI-831-2	$\le 2.0 \& > 0^{1} \text{ in, wc}$. 40	• oh ·	٥4٠	. 40	ОН.	, HQ	1 87
	100	PDI-831-3	\leq 2.0 & > 0 ¹ in. wc	. 32	.32	.32	.32	.72	3.5	3
	200 area re-circulation	1-283-101	\leq 2.0 & > 0 ¹ in. wc	, 32	. 32	52	23.	.52	1/4/5 %	3
	filter plenum	PDI-832-2	\leq 2.0 & > 0 ¹ in. wc	O4) -	. 60	69.	09.	09.	33	[2
		PDI-832-3	<2.0 & > 01 in. wc	.55	. 56	.56	45.	. 56	.55	7. 7.
		1-208-IOd.	$\leq 2.0 \ \& > 0^4 \ in. \ wc$. 12	. 12	11	, 12	=	4.
4.13.4	North Bleed off filter plenum	PDI-807-2	$\leq 2.0 \ \text{\&} > 0^1 \text{ in. wc}$	95.	•3•	· 50	.50	50	.50	J. J.
	(FF-820A) AF	PD1-807-3	$\leq 2.0 \& > 0^1 \text{ in. wc}$. 49	44.	64.	6%	64 -	P4.	F.
	North Bleed off Clier	1-608-ICId ₁	\leq 2.0 & > 0 in, we	DFF	о П	OFF	OFF	OFF	沙比	St.
4.1.34	plenum	PDI-809-2	$\leq 2.0 & > 0^{1} \text{ in. wc}$	DFF	OFF	0FF	OFF	OFF	dt ^{LU}	-ft
		PDI-809-3	$\leq 2.0 \ \& > 0^1 \ \text{in. wc}$	2770	OFF	OFF	270	770		4

Surveillance Reands

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

								- 25	1387	
			Date:	4/13/15	1/14/zo15	4/15/2015	4-16-15	4-17-15	S/8/he	3/6/4g
			Weekday:	Mon.	Tuc.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	Ŕ	8	BF .	74	74	5	13
SRs	Description	Gauge	Acceptance Criteria			SURVI	SURVEILLANCE RESULTS (in. wc)	SULTS		
	N de la constant de l	¹PDI-829-1	$\leq 2.0 \text{ & > } 0^4 \text{ in. wc}$	\$1.	51.	51.	51.	7	ŭ,	01
4.1.3.4	filter plenum (FF-828)	PDI-829-2	$\leq 2.0 \text{ & > 0}^{1} \text{ in. wc}$: 39	.39	.39	. 39	, 39	97	, S.
		PDI-829-3	$\leq 2.0 \& > 0^{1}$ in, we	.30	. 50	.30	.30	30	30	۶
	100 area re-circulation	¹PDI-833-1	<2.0 & > 0 in. wc	>1.0	>1.0	>1.0	071<	0.1 1	7 1.800	71.95
	filter plenum (IIVP-803) AP	PDI-833-2	<2.0 & > 01 in. wd	.illo	94.	2 ከ ·	14.	74.		ا الم
4.1.1.7		PDI-833-3	\leq 2.0 & > 0 ¹ in. wc	.45	Sh:	94.	. 45	2.		, Ly
,	100 area re-circulation	1-835-10d1	$\leq 2.0 \text{ & > 0}^{1} \text{ in, wc}$	4/6	91	. [6	5	1/6		
	filter plenum	PDI-835-2	$\leq 2.0 \& > 0^{1} \text{ in. wc}$. 45x	Sh.	.45	, 45	is H		2 U1
		PDI-835-3	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	4.	04.	. 40	141	,) (H)	100
		1-218-1041	$\leq 2.0 \text{ & > } 0^1 \text{ in. wc}$	Sray	STBY	STBY	5787			*
4.1.3.4	100 area glovebox	PDI-815-2	$\leq 2.0 \& > 0^{4} \text{ in. wc}$	55.37	STBY	STBY	STBY			ŧ
	(FF852) AP	PDI-815-4	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	5.34	STBY	STEY	STBY			新
		PDI-815-5	\leq 2.0 & > 0 ¹ in. wc	STRY	STBy	STBY	5787			- Parties
		1PDI-816-1	$\leq 2.0 \& > 0^{1} \text{ in, wc}$. 39	٠4٥	.40	38			5-8
4.1.3.4	100 area glovebox	PDI-816-2	<2.0 & > 01 in. wc	.45	.46	94.	. 476	94,	-0	ָד אָ. דא
	exnaust meer plenum (FF853) AP	PDI-816-4	$\le 2.0 \text{ & > 0}^1 \text{ in. wc}$,45	. 46	.47	,45			ST.
		PDI-816-5	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	- 47	. 48	.48	84.	67'	50	th.

Surveillance Roands

ATTACHMENT B-2: Daily Surveillance Rounds (PF-4 North Side) [UET] (Page 3 of 4)

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)	,,					
			Date:	4/13/15	3102/H/n	4/15/2015	4-11-15	4-17:15	5/81/20	34/AN ×
			Weekday:	Моп.	Tue.	Wed.	Thu.	Fri.		Sun.
		-	Initials:	THA!	8 _F	BF.	1-6-	76	اري دري دري	The WAS
SRs	Description	Gauge	Acceptance Criteria			SURV	SURVEILLANCE RESULTS (in. wc)	SULTS		
	200 area glovebox	1-218-1Cld1	<2.0 & > 0 in. wc	Srisy	STBy	STBY	7875	STRV	<i>≥ ∃</i> .	ð
	cxhaust filter pienum (FF850) AP	PDI-812-2	<2.0 & > 01 in. wc	Sizy	STBY	STBY	5 787	5784	麦	7
4.1.4		PDI-812-3	$<2.0 R > 0^4 \text{ in. wc}$	STRY	STBV	YBTS	5787	ST.8Y	Ť	j
		PDI-812-4	$\leq 2.0 \text{ & } > 0^1 \text{ in wc}$	STISY	STBY	YELS	5784	STRY	1	ð
,		PDI-812-5	<2.0 & > 01 in. wc	STRY	STBY	STB4	5784	ST 8V	ŧ	* 3
	200 area glovebox	¹ PDI-813-1	<2.0 & $>$ 0 m, wc	1.09	1.09	1.09	1.09	1.09	-8-	10
	cxhaust litter plenum (FF851) AP	PDI-813-2	<2.0 & > 01 in. wc	30	.30	18:	15,	12,	38	9
4.5.4		PDI-813-3	$\leq 2.0 & > 0^{1} \text{ in. wc}$	430	. 29	.29	.29	,29	282	78
		PDI-813-4	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	18.	.82	.32	,32	.31	31	ñ
		PDI-813-5	<2.0 & > 01 in. wc	.25	. 26	.26	, 26	. 25	.305	X.
7 6	IF1T exhaust filter plenum	1-865-1	<2.0 & > 01 in. wc	, 83	.04	.02	401	, оч	P.G.	E
***	(FF-865) AP	PDI-865-2	<2.0 & > 01 in. wc	, 31	. 35	.31	,32	.32	:3.1	۶.
		PDI-865-3	≤2.0 & > 01 in. wc	. 3ප	.40	.36	68'	,39	30	1
	IFIT supply filter plenum	'PDI-863-I	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	50'	. 50.	.06	40.	90.	90	, %.
4.1.3.4	(HVP-863) AP	PDI-863-2	<2.0 & >01 in. wc	. 29	Ķ	. 29	420	0 %	20.	1,0

Surveillance Rounds

TA55-S. -- 004, R17

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

(Page 4 of 4)

			Date:	4/13/15	4/14/2015	4/15/2015	4-16-15	4-17-15	OLY IRAS	24/6/12
			Weckday:	Mon.		Wed.	Thu.	Fri.	Sat.	Sun.
				+ 00	85	96	1			
			Initials:			,	P7	75	X 43	My W
SRs	Description	Gauge	Acceptance Criteria			SURV	SURVEILLANCE RESULTS	ESULTS	,	
4134	North Basement supply filter plenum	1-728-Idq ¹	$\leq 2.0 \& > 0^1 \text{ in. wc}$	18	8-	. 18	.12	1,12	2	c).
*:1:5	(HVP-840) AP	PDI-857-2	$\leq 2.0 \text{ ec} > 0^{1} \text{ in. we}$	· 50	. 50	.50	٠ ٢	i i	50	200
4.1.3.4	North corridor supply filter plenum	1-958-10d1	$\le 2.0 \& > 0^1 \text{ fm. wc}$.08	80.	60.	90 Q	60,	\$ \$\frac{1}{2}\$	86
	(HVP-809) AP	PDI-856-2	$\leq 2.0 \& > 0^4 \text{ in. wc}$	25.	. 50	.50	.50	20	المارية	No.
ν,	Combustible exclusion area around basement exhaust fans FE828, FE829 and bleed-off fans FE820A, FE820B, FE822C,		0 lb/ft² combustibles in designated exclusion area (within 15 feet of fans)	SAT	SAT	SAT	2.87	742	茅	哲
432.2	Rooms 201, 204, 206, & 207		o 1b/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles	15%	SAT	F.X3			京	莎
			up to the walls of the rooms, whichever is less				SAT	547		
			Completion time	8903	0912	2180	5180		PK HA	7.30
	OC Operator Rev	view and Page Co	OC Operator Review and Page Count Complete (initials)	Wa	23	W to	A SA	1	28	7 3
Note: SR 4	Non TSR requirement Note: SR 4.1.3.4 annlies during mode 1 and mode 2	I and mode 2.		(ASS.	N. C.	DE LA	183		

Note: SR 4.1.3.4 applies during mode 1 and mode 2.

Date: 4/21/15 Time: 06-45 Reviewed by: # Completed by: Michael Tales Date Offige Time Offile

Comments;

On-duty Supervisor

ATTACHMENT C: Non-PF-4 Daily Surveillance Rounds [UET]

			M&TE Calibrated Data			
	PF-10 Thermometer File No.: 0397	039746	PF-10 Thermistor File No.: 042253	652760	V-701 Thermistor File No.: 03 97 4U	039744
Record September	Calibration Expiration Date:	6/17/15	Calibration Expiration Date:	5/92/9	Calibration Expiration Date: 6/26/15	6/26/15
through April only	PF-11 Thermometer File No.: 042257	252740	PF-11 Thermistor File No.:	640323	V-704 Thermistor File No.: 500325	640375
	Calibration Expiration Date: 6/12/1,	6/10/15	Calibration Expiration Date: 6/26/15	6/26/15	Calibration Expiration Date:	6/26/15

	PF-10 & PF-11 Pumphau	se Room Temperature and V-701 & V-704 Fire Water Storage Tank Temperature	V-701 & V-70	4 Fire Water S	storage Tank	Temperature			
		Date:	31/51/4 SIJHIJH 51/81/F	4/14/15	4/15/15	4/16/15	SILIII	4 13/15	S, /21 h
	Daily (September through April only)	Weekday:	Mon.	Tue.	Wcd.	Thu.	Fri.	Sat.	Sun.
		Initials:	dn	4	dn	JW	an	7	7
SR	Description	Acceptance Criteria							
Š	ENSURE MATE Calibration Data above is recorded and calibration dates have not elapsed.	Calibration dates have not elapsed.	SA NUNSAT	AT UNSAT	SATUNSAT	SATAUNSAT	SAZMINSAT	SAT JUNSAT	SA) JUNSAT
4.3.1.1	RECORD fire water storage tank V-701 temperature	>42.1 F	53.0	53.2	53.5	52.9	52.0	80.8	50.3
43.1.1	RECORD fire water storage tank V-704 temperature	> 42.1 F	4,55	55.3	55.6	55.0	54.0	8.25	523
43.1.31	RECORD PF-10 room temperature	> 50.1 F	442	62.0	63.2	6/.2	5.09	4.09	2.13
43.13'	RECORD PF-11 room temperature	≥ 50,1 F	62.2	17:14	5.59	65.3	97/19	1-29	629
		Completion Time:	0060	0902	1040	0830	1200	OZKO	Octo
	OC Operator Review and Page Count Complete (initials) 1/2 C	ount Complete (initials)	3	3-12	Horse	0 1	3 3	3	3

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

Time: Date 4 (4)15 Date: 4/21/15 Reviewed by: On-duty Supervisor Completed by:

Comments:

ATTACHMENT A: Per Shift Surveillance Rounds [UET] (Page 1 of 3)

				\ .			7			-		-	-	,		٢
	Note	1	Date:	1/00/1	15/2	1/10	7	7 22 12	1	-1/23/15	4/84	Ž	38	\checkmark	120/1	\
Gauge re	Gauge readings should be taken on rack #4 in the OC.		Weekday:	Mon.	Ť ,	Tue.		Wed.	<u> </u>	Thu.	Fri.	` .	Sat.		Sun.	
whenever	whenever possible. Document if	_	Shift:	AM P	PM A	AM PM	1 AM	1 PM	I AM	PM	AM	PM /	AM PM		AM PM	
alternate P	alternate P.J.S are used.		Initials:	Bi	Beck	18/	7	06/8	7	8	18	3	1/2	1/1	101	٠, ١
SRs	Description	Gauge Acce	Acceptance Criteria)		SU	RVE	SURVEILLANCE (in. wc)		RESULTS	TS				1
	200 area glovebox exhaust header AP	PDI-814-1 or PDI-814-2	<-h0 in. wc	-2,11 -2.	7.08 1	12,00	-2.12	2/2	0.5.	<u>ئ</u> 	1,10	2.12	-2.11 -2	-2.10 211	1/2.7	T ==
4.1.1.1	100 area glovebox exhaust header AP	PDI-820-1 or PDI-820-2	<-1.0 in. wc ¹	5	141	191-191	1-1-1		745	16-1-	141,	1-52	1.91-1.0	1.92,191	161-14	· -
	300 area glovebox exhaust header AP	PDI-870-1 or PDI-870-2	<-1.0 in. wc¹	1-89)	48	199-1-97	(P)-1	(8)	18-	9-1	12	-1.97	861-851-	861/8	61-	
٨	400 area glovebox exhaust header AP	PDI-864-1 or PDI-864-2	<-1.0 in. wc¹	151	11	196796	76-197	6.	1.96	76.F-	20	197	-1.99-1.97	19,19	9.	1 1
	200 area laboratory PDI-803-1 or header AP PDI-803-2	PDI-803-1 or PDI-803-2	<-0.05 in. wc ¹	0.0	04 61.	01.70	P		-19	20		1_	- 19 - 19		6,18	4
	100 area laboratory PDI-802-1 or header AP PDI-802-2	PDI-802-1 or PDI-802-2	<-0.05 in. wc¹		22.00, 25.	200 Jan	Ġ.	 `	22-	12	Á.	12	7,		2.0	<u></u>
4.1.1.2 4.1.1.5 4.1.2.2 ²	300 area laboratory PDI-853-1 or header AP PDI-853-2	PDI-853-1 or PDI-853-2	<-0.05 in. wc ¹	P1,0	0 2-	0,0	7	Co.	22.	120	10.9	12	02. 91-	8100	6	
	400 area laboratory PDI-852-1 or header AP PDI-852-2	PDI-852-1 or PDI-852-2	<-0.05 in. wc¹	B. 0	0, 12.	00°0,	925	2/-	125	233	18.0ce	22	3(71		2.20	
	IFIT Facility AP	PDI-865-4 or PDI-865-5	<-0.05 in. wc	P1.0		P1-19/0	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	المراجعة	1,	67		9	41.7	9 O.P.	10	-
	North basement AP	PDI-804-1 or PDI-804-2	< 0.00 in. wc	01 2 150		17.	5.		67,-	A		1-			10 0	
4.1.1.3	South basement AP	PDI-854-1 or PDI-854-2	< 0.00 in. wc). O. O.	10 Po.	D,0,7 10	010	60.	5.	01.	20,0	00	0 - PU.	-0400g	30.	
	IRT Tunnel AP	PDT-901 or PDI-901	< 0.00 in. wc	1000	101	800	1-045	₹0).	1.00F		1104,0101-091, 1014	8	10. 10.	-00000-	14-09S	امل

ATTACHMENT A: Per Shift Surveillance Rounds [UET]

					Page 2	2 of 3		-	ļ	F	<u> </u>	1	-	ļ		1	ļ
	Note		Date:	1/20/	13/	117/	Ž	122/6	Ĩν	4/2	$\bar{\mathcal{P}}$	4/24	15/	135	1	1/20	P
ren = t	Readings should be taken using FCS screens		Weekday:	Mon.	Ë.	Tue.	்வ்	Wed.	Ţ.	Thu.		Fri.		Sat	31 -	Sun.	۲.
	FMT#151,152,201LD		Shift:	MA	PM	AM	PM ,	AM	PM ,	AM	PM /	AM P	PM A	AM	PM /	AM	PM
	and 202LD. Field verification and local plenum PDIs may be used if FCS is unavailable.	X /	Initials:	B	2	B	, di	3	60	3	9	181	8	B	1/20	18	2
	Description	Readings	Acceptance Criteria				<i>3</i> 2	SURV	EIL.	ANC Isat.	CE R	SURVEILLANCE RESULTS Sat. / Unsat. (circle onc)	TS		-		
	200 area re- circulation fan/	FR-801 Icon red and PDT-831 AP >,050 or	At least one fan/plenum is in		(FE)		(F)	3	(Sar)		Suff			(3)		(Sal	
	plenum	FR-802 Icon red and PDT-832 AP > .050	service	Unsat	Unsat	Unsat Unsat Unsat Unsat	Jusat	Insat U	nsat U	nsat U	nsat U	Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat	nsat Ur	nsat U	nsat U	nsat	Insat
	100 area re- circulation fan/	PDT-833 AP >.050 or	At least one fan/plenum is in) A		Sat	(Sa)		Sat	(Sat	Sat	(3)	Sat	(S)		(3)	(ag)
	plenum	FR-804 Icon red and PDT-835 AP >.050		Unsat Unsat		Unsat Unsat		Unsat Unsat	nsat U	nsat U	Unsat Unsat Unsat	nsat Ur	Unsat Ur	Unsat U	Unsat U	Unsat Unsat	Insat
	300 area re-	FR-805 Icon red and PDT-836 AP > 050 or	At least one	(B)	Sar	3	Sat		Sat)	Sat	(Eg)	(S)	Sat	(38)	(2)	C.E.	Sat
	plenum	FR-806 Icon red and PDT-837 AP > 050		Unsat Unsat Unsat Unsat	Jusat	Jusat		Unsat U	Unsat U	nsat U	nsat U	Unsat Unsat Unsat Unsat Unsat Unsat	ısat Ur	nsat U	nsat U	Unsat	Unsat
	400 area re-	FR-807 Icon red and PIDT-838 AP >.050	At least one	Sat	Sat	(3)	Sat	(FE)	(Sat)	(Fa	Sat	Say	Sat) (§	Sat	(Sat)	(S)	Sat
	plenum	FR-808 Icon red and PIYI-839 AP >.050	service	Unsat Unsat Unsat Unsat	Jusat	Jusatic) Jusat C	Insat U	Unsatu	Unsat U	nsat U	Unsat Unsat Unsat Unsat	rsat Ur	nsat U	nsat U	Unsat	Unsat
	Vault re-	FR-811 Icon red and PDT-840 AP >,050	At least one	(3)	Sar	Sat	Sat	(Feg.		Cie	Sat	C'S	Sat	Sat	Sar	Car	Sat
	circulation fan/ plenum	or FR-812 Icon red and PDT-841 AP > 050	tan/plenum is in service	Unsat	Jusat	Jusat (Jusat	Insat U	nsat U	nsatU	Dasa	nsat C	sat Ur	nsat U	nsat U	nsat	lnsat (
-		0.000	1			1	-			-		_	_	_	_	_	_

TA55-S11 -004, R17

ATTACHMENT A: Per Shift Surveillance Rounds [UET] (Page 3 of,3),

1	Sun.	PM.	10		Unsat	Onsat Tage	Cinsat	Sat	1923	
4/2	nS.	MA		}	Sat	ā Ē	Sat	- Jusait	1930 0121 1927 0 DVII 1915 0718 1923	
1		Ā	1/2		Chsat	Cusat	Safety Sa	Tage of the same o	18.5	
4/35	Sat.	MΛ	B			(Sat Unsat	(Sat		ALC O	1
Zi	, _	PM.	7	TS	Sat Sat Unsat Unsat	Sat	(Sat) (Sat) Insat Unsat	(Sat) (Sat- Onsat Unsat	126	
4/34	Fri.	٧V	B	ESUL	Sat Unsat	- Car	Sar	in in its	7721	
75	=	PM	9	CE R	Sat	Sat	Sat	Sat	128	
4/23/15	Thu	٧V	3	SURVEILLANCE RESULTS	Chisat	Sat	Sat	(Sat Unsat	0135	X
1	Ġ.	ΡM	0,00	EVEII	Sat		Chrsat	Chsat	1930	
1 22 4	Wed	МА	3	SUF	Chsat	Sat Sat Unsat Unsat	Sat	nsat Saat	DAG	Ž
18/	ŭ	PM	2		Sat	Sat	and	Tage Tage Tage Tage Tage Tage Tage Tage	422	
12/1	// Tue,	ν	X	7	Tage (B E	Sari (Jeno	Ŕ
1	u,	P.	The state of the s		Sat	Sat	E E			
1/20	', Mon.	Σ	B	7 (Sat (Sat	3 18 (Susa Susa	Sat Umsat	07X9 1931	R
Date:	Weekday:	Shift:	Initiats:	Acceptance	PDI-814-2 < PDI-803-	PDI-820-2 < PDI-802-	PDI-870-2 < PDI-853- 2 < PDI-854-2	PDI-864-2 < PDI-852-(Time	2
8	ck #4 in	mate		Gauge	PDI-814-2 PDI-803-2 PDI-804-2	PDI-820-2 PDI-802-2 PDI-804-2	PDI-853-2 PDI-853-2 PDI-854-2	PDI-864-2 PDI-852-2 PDI-854-2	Completion	
	ken on ra I equivaler	nt any alter		Area	200 Area	100 Area	300 Area	400 Area		
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		Description	Glovebox exhaust	< laboratory APs < basement APs for areas 100, 200, 300	and 400			
	Gauge read the OC when	be used if ne	PDIs used.	SRs		4.1.1.4				

Note: $^{\rm I}$ Mode 2 acceptance criteria is < 0.00 in. wc Note: 2 SRs 4.1.2.x only apply during mode 2 in accordance with LCO 3.1.2.

LauaDate 0426-15 Time 1923 Completed by: Kings

Reviewed by:

Date: 1/27/1/ Time: 1/200 On-duty Supervisor

Comments:

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 1 of 4)

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). 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

		Т.	_		1			1
4/26/15	Sun.	1/1		30	7.6	0.0	Sat / Unsat.	0220
4/25/15 4/26/15	Sat.	An		0,0	0.0	0.0	Sat. / Unsat.	0800
4/24/2015	Fri.	and the	(percentage)	o ó	0	0.0	Sak / Unsat.	2010
4/28/2015		8	CE RESULTS	8.	0	0,0	(3) / Unsat. (3) / Unsat. (3) / Unsat. (3) / Unsat.	0758
4-22-15	Wed.	PT	SURVEILLANCE RESULTS (percentage)	0.0	0.0	0.0	Sat) / Unsat.	0832
4/21/2015	Tue.	B _F	S	0.0	0.0	0.0		0750
Date: 4/20/15 4/21/2015	Mon.	HE HE		0.0	0.0	0.0	Sat.) Unsat. SaD/ Unsat.	0922
Date:	Weekday:	Initials:	Acceptance Criteria	Ϋ́		Record Calculated Value	> -0.1; <+0.1	Completion Time:
			Description / Gauge	Flammable Gas Channel Check DET-305-3 (LCD Reading)	CP-305-H (LED Reading)	(DET-305-3) - (CP-305H)	(LCD Reading) (LED Reading)	
				SR	4.4.1.1			

Surveillance Rounds

TA55-S. -- -004, R17

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side)[UET] (Page 2 of 4)

			:	(1 age 2 01 7)	1 +1					
			Date:	420/15	7/21/2015	4-22-15	4/23/2015	424 2015	4/15/15	3//17//6
			Weekday:	Mon.	Тие.	Wed.		Fri.	Sat.	Sun.
		¥:	Initials:	A	18	pt	a	B L	47	A.
SRs	Description	Gauge	Aeceptance Criteria			SURVE	SURVEILLANCE RESULTS (in. wc)	SULTS		
4.1.3.4	South basement	1-PDI-894-N	$<2.0 \& > 0^1 \text{ in. wc}$.09	٠٥٩	80,	60.	80.	.67	20
	supply litter plenum (IIVP-841) AP	PDI-894-2	$\leq 2.0 \& > 0^4$ in. wc	. 54	.57	.58	.58	98.	35	25
	South Corridor supply (HVP-	I-568-ICId ₁	< 2.0 & > 0' in. wc	का माद्याड	. 09	60,	60.	,09	4.0	601
4.1.3.4	810) AP	PDI-895-2	$\leq 2.0 \& > 0^{1} \text{ in wc}$	99.	٠٤٠	.58	.57	45.	مع	80,
	i i	1-718-1041	<2.0 & > 01 im. wc	. 32	STBY	5 7 8 9	STBY	5767	370 %	STBV
4.13.4	360 area glovebox	PDI-817-2	$\leq 2.0 \& > 0^{1} \text{ in. wc}$, 36	STBy	5787	STBY	5767	STBV	4935
	(FF854) AP	PDI-817-4	$\leq 2.0 \& > 0^{1} \text{ in. wc}$.37	STBY	STRY	SrBY	37.6%	STBY	yazı
		PDI-817-5	$<2.0 \& > 0^3 \text{ in. wc}$. 32	STBY	578V	SrBY	1815	MILS	\$FLAS
	300 area special	PDI-81 9-1	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	子.	37.67	STRY	STBY	57.67	STBY	57.87
4.15.4	recovery glovebox exhaust filter plenum	PDI-81 9-3	\leq 2.0 & > 0 ¹ in. wc	.#1	STAY	5787	उम्हे	1918	1815	27.87
	(FF858) AP	PDI-819-4	$\leq 2.0 \& > 0^4 \text{ in. wc}$.35	STBY	5789	aTBy	1878	1915	5780
		1-818-ICI4 ₁	$\leq 2.0 \text{ & > 0}^4 \text{ in. wc}$	STBV	.25	128	. 28	.28	87.	7.00
4.1.3.4	300 area glovebox	PDI-818-2	$<2.0 & > 0^1 \text{ in. wc}$	\$18(.33	.32	. 33	.33	hE	34
	exnaust Inter plenum (FF855) AP	PDI-818-4	$\leq 2.0 \& > 0^4 \text{ in. wc}$	STBY	.32	, 32	.51	.32	.33	33
		PDI-818-5	<2.0 & > 01 in. wc	STRY	.30	, 30	.30	.30	.30	50
	300 area special recovery glovebox	PDI-821-1	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	57.34	۰4٥	04,	. 40	.40	0h	ch'
4.1.4	exhaust filter	PDI-821-3	$\leq 2.0 \& > 0^{1}$ in. wc	51.01	.43	. 43	.42	.45	. 45	54.
	(FF859) AP	PDI-821-4	<2.0 & > 01 in. wc	STRY	.39	, 39	.39	.40	dp.	66.

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET] (Page 3 of 4)

				(1 to C odm 1)	(, ,					
			Date:	420/15	4/21/2015	4-22-15	4/23/2015	4/24/2015	1/s//s	5//97/7
			Weekday:	Mon.	Tue.	Wed.		Fri	Sat.	Sun.
			Initials:	4	to	75	Br	8 _F	1	4
SRs	Description	Gauge	Acceptance Criteria			SURVE	SURVEILLANCE RESULTS (in. wc)	ESULTS		-
		¹ PDI-822-1	$\leq 2.0 \ \& > 0^{1} \ \text{in. wc}$	गकर	. 74	. 75	74	12,	WC.	40.
4.1.3.4	400 area glovebox	PDI-822-2	$<2.0 \& > 0^1 \text{ in, wc}$	578Y	12.	,50	.51	. 50	.50	.50
	exhaust filter plenum (FF856) AP	PDI-822-4	$<2.0 \&>0^{4} \text{ in wc}$	57-84	.41	141	14.	. 42	. W2	74.
		PDI-822-5	$<2.0 & > 0^4 \text{ in. wc}$	ST8(74.	74.	٠ 44	3%.	34.	5h'
		¹PDI-823-1	$<2.0 \& > 0^1 \text{ in. wc}$	60.	STBY	57.89	STBY	57.64	57.04	27.0 4
4.1.3.4	400 area glovebox	PDI-823-2	$\leq 2.0 \& > 0^{1} \text{ in. wc}$.42	STBY	STRY	Srey	57.8%	27.0 %	Syav
	(FF857) AP	PDI-823-4	$\leq 2.0 \& > 0^{1} \text{ in. wc}$.46	7010	5.789	≶π8 γ	ST.8Y	4872	STBV
		PDI-823—5	<2.0 & > 01 in. wc	etr.	STSY	STBY	STBY	7872	27.87	STBY
***	South Basement exhaust	1-058-IQ4 ₁	$\leq 2.0 \& > 0^1 \text{ in. we}$	69.	63	169	.69	.67	89.	19
4.1.3.4	filter plenum	PDI-830-2	$\leq 2.0 \& > 0^{1} \text{ in. wc}$.30	.30	30	. 30	.30	.30	.30
		PDI-830-3	$\leq 2.0 \& > 0^{1} \text{ in. wc}$. 29	.29	,29	. 2P	.28	28	.28
	300 area re-circulation	'PDI-836-I	$\leq 2.0 \& > 0^{1} \text{ in. wc}$.97	.97	76.	.97	, 96	.92	.42
	filter plenum	PDI-836-2	$\leq 2.0 \& > 0^{1} \text{ in. wc}$.57	.57	5.8	.53	.54	95.	.56
4.1.1.7		PDI-836-3	<2.0 & > 01 in. wc	. 52	.52	. 52	. 52	.63	.53	£
	300 area re-circulation	¹PDI-837-1	<2.0 & > 04 in. wc	. 50	.50	· 50	o k :	,50	.50	05.
	filter plenum	PDI-837-2	<2.0 & > 0 in. wc	.40	.41	14	٠4،	141	14.	14,
		PDI-837-3	$\leq 2.0 \text{ & } > 0^1 \text{ in. wc}$.39	. 40	, 39	.40	.39	.39	,39

TA55-S., -004, R17

Surveillance Rounds

Page 26 of 34

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 4 of 4)

			Date:	भिट्याड	1/21/2015	4-22-15	4/2/2015	4/24/2015	4/25/15	4/26/15
			Weekday:	Mon.	Tue.	Wed.		Fri.	Sat.	Sun.
			Initials:	市	p.	74	10F	8 7	7	1
SRs	Description	Gauge	Acceptance Criteria			SURVE	SURVEILLANCE RESULTS (in. wc)	ESULTS		
	400 area re-circulation	1-828-IQ4,	$\leq 2.0 & > 0^1 \text{ in. wc}$	87	۰ ۲۶	147	87-	. 47	87.	Sh.
	filter plenum	PDI-838-2	$\leq 2.0 \text{ & > 0}^{-1} \text{ in. wc}$	15.	.51	. 5/	15.	.52	.51	/51
4.1.1.7		PDI-838-3	<2.0 & > 0 in. wc	. 50	.50	,50	. 50	05.	05	50
	400 area re-circulation	1-683-ICId ₁	<2.0 & >01 in, wc	440	ት ታ-	hh	<i>hh</i> .	.43	SA.	ch,
	filter plenum	PDI-839-2	\leq 2.0 & > 0 in. wc	160	.60	. 59	.59	.59	09	09:
-115-		PDI-839-3	$\leq 2.0 \text{ & > 0}^1 \text{ in. wc}$.53	٠, 5	,55	<i>hS</i> :	,55	h5.	55.
	South Bleed off filter	1-018-IQd ₁	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	14	95E	BFF	OFF	OFF	<i>940</i>	956
†	plenum (FF-822A) AP	PDI-810-2	\leq 2.0 & > 0 ¹ in. wc	.45	977 FT	OFF	OFF	950	<i>530</i>	240
		PDI-810-3	$\leq 2.0 \text{ &> } 0^1 \text{ in. wc}$. 42	OFC	OFF	oFT.	930	##°	र्मुर
	South Bleed off filter	1-118-10d ¹	$\leq 2.0 \text{ & > 0}^{1} \text{ in. wc}$	DEF		112	. 11	0/.	11.	11.
4.5	plenum (FF.822B) AP	PDI -811 -2		りだけ	, 4q	.46	8 h.	14.	4.	4.6
		PDI -811 -3	<2.0 & > 0' in. wc	カナナ	٠ الگ	. 47	. 49	74.	C4.	ç,
			. Completion Time	0922	0853	0825	082	0752	0333	2210
о́ О	OC Operator Review and Page Count Complete (initials)	age Count Comp	olete (initials)	Se los	JA/17	D	alu	900	1 /// 1	3

Non TSR requirement:

Note: SR 4.1.1.7 applies during mode 1 as stated in LCO 3.1.1. SRs 4.1.3.X apply during mode 1 and mode 2 as stated in LCO 3.1.3.

Completed by: Zeast 4. Dalos 1/2 Time 0122 Reviewed by:

Date: 4/c7/ Frime: 1200

On-duty Supervisor

Comments

ATTACHMENT B-2: Daily Surveillance Rounds (PF-4 North Side)[UET]
(Page 1 of 4)

				((1.10					
		•	Date:	4 20 [15	21/2015	4-22-15	4/23/2015	4/24/2015	2/121/15	4/26/15
			Weekday:	Mon.	Tue.	Wed.		Fri.	Sat.	Sun.
			Initials:	A	OF.	4	48	eg T	7	1
SRs	Description	Gauge	Acceptance Criteria			SURV	SURVEILLANCE RESULTS (in. wc)	SULTS	<u> </u>	
	Vault re-circulation	'PDI-840-I	$<2.0 & > 0^1 \text{ in. wc}$	STBY	.16	. 16	. 16	.16	91.	9/-
	filter plenum	PDI-840-2	<2.0 & > 0 in. wc	5-84	.57	,57	-57	C.s.	.57	55.
		PDI-840-3	$<2.0 & > 0^{1} \text{ m. wc}$	57.87	.50	150	.50	٠ 5 که	.50	05
4.1.1.7	Vault re-circulation	³PDI-841-1	$<2.0 \& > 0^{1}$ in. we	++	STBy	STBY	STBY	Agus	57BV	57.34
	filter plenum	PDI-841-2	$<$ 2.0 & $> 0^{1}$ in. wc	. 59	Sray	57.84	STBY	3216	VATZ	VEYEY
		PDI-841-3	<2.0 & > 01 in. wc	Q\$,	STBY	STRY	STBY	5rBY	27.13.7	7825
	200 area re-circulation	1-183-ICId ₁	<2.0 & > 0 in. wc	.33	53	*33	. 53	££ :	.33	8.
	filter plenum	PDI-831-2	$<2.0 & > 0^1 \text{ in. wc}$. 40	. 40	04'	oh.	0h·	04.	95
		PDI-831-3	<2.0 & > 0 in. wc	. 32	.53	, 33	, 34	75.	.34	45.
	200 area re-circulation	'PDI-832-1	<2.0 & > 01 in. wc	» 32	. 32	, 33	.33	.52	,32	18.
	fifter plenum	PDI-832-2	≤2.0 & > 0 in. wc	.60	. 60	. 66	09.	09.	99.	09.
		PDI-832-3	<2.0 & > 01 in. wc	. 53	٠54	. 54	. 54	h5'	53	Ę
		1-208-1Cld,	<2.0 & > 01 in. wc	12	r r	OFF	OFF	0 1 1 1	<i>\$</i> f 0	of t
4.1.3.4	North Bleed off filter	PDI-807-2	<2.0 & > 01 in. wc	. 50	97F	OFF	OFF	OFF	470	ধ্
	(FF-820A) Al'	PDI-807-3	$\leq 2.0 \& > 0^{1} \text{ in. wc}$.49	0 17	OFF	GF.F	OFF	off.	TH'
	North Bleed off Clies	1-608-ICd ₁	$<2.0 & > 0^{1}$ in. wc	OFT	0	80,	80.	80.	.07	20.
4.1.3.4	plenum (FF-820B) AP	PDI-809-2	<2.0 & > 01 in. wc	OKF	.5)	, 51	.51	.51	\$0	15.
		PDI-809-3	<2.0 & > 01 in. wc	のドド	. L&	, 48	. 48	ሪት	77	Zh.

Surveillance Runds

TA55-S. - -004, R17

TA55-S11-004, R17

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

				0	Ì					
			Date:	4 20 15	4/21/2015	4-22-15	4/23/2015	4/24/2015	4/25/15	3/194/12
			Werkday:	Mon.	Tue,	Wed.	Thu	Fni.	Sat.	Sun.
			Initials:	市	8 F	P.	% F	ωŲ	3	N
SRs	Description	Gauge	Acceptance Criteria			SURVE	SURVEILLANCE RESULTS (in. wc)	ESULTS		
	North Beamanne	1-928-IOd1	$\leq 2.0 & > 0^4$ in. wc	. 15	.15	51	. 15	. 18	51.	51.
4.1.3.4	filter plenum (FF-828)	PDI-829-2	$\leq 2.0 \ \& > 0^{1} \ \text{in. wc}$.39	.39	95,	.39	39	\$5.	٩٤٠
		PDI-829-3	<2.0 & < 01 in, wc	30	98.	05'	30	.30	.30	30
	100 area re-circulation	'PDI-833-1	$\leq 2.0 \& > 0^4 \text{ in. we}$	71.0	>1.0	. W3	>1.0	71.0	21.0	21.0
	filter plenum (HVP-803) AP	PDI-833-2	\leq 2.0 & > 0 ¹ in. wc	747	84.	, 22	94.	. 48	<i>9h</i> :	74,
4.1.1.7		PDI-833-3	$\leq 2.0 \& > 0^1 \text{ in, wc}$.45	-5h·	121	94.	ማ ነት ·	ħħ.	Mr.
	100 area re-circulation	'PDI-835-1	$\leq 2.0 \ \& > 0^1 \ \text{in. wc}$	4/	.16	. 17	. 16	91.	91.	91.
	filter plenum	PDI-835-2	\leq 2.0 & \geq 0 ¹ in. wc	.43	44	. 50	24.	74.	54.	54,
		PDI-835-3	$\leq 2.0 \& > 0^1 \text{ in. wc}$.40	40	96,	9h ·	94.	hh'	hh.
	35	¹PDI-815-1	<2.0 & > 0 in. wc	\$T.B/	. 26	20	.20	-19	61.	14
4.1.3.4	100 area glovebox	PDI-815-2	<2.0 & > 01 in. wc	STBY	.47	, 42	.45	.45	Sh.	37.
	(FF852) AP	PDI-8154	$\leq 2.0 \ \& > 0^{1} \ \text{in. wc}$	57.84	.37	38	.37	.36	,36	74
		PDI-815-5	<2.0 & > 0 in. wc	इन्छ	÷.	04	·HI	۰40	oh.	oh.
		1-918-IQ1	$\leq 2.0 \& > 0^4 \text{ in. wc}$. 39	STBY	STRY	STBY	STBY	1015	1015
4.1.3.4	100 area glovebox	PDI-816-2	<2.0 & > 0 in. wc	.48	STBY	STBY	STBY	عدا3٠	1815	7872
	exnaust titter pienum (FF853) AP	PDI-816-4	$\leq 2.0 \text{ & > } 0^1 \text{ in. wc}$.45	5784	STBY	StBY	STBY	\$872	27.0%
		PDI-816-5	$\leq 2.0 \& > 0^4 \text{ in. wc}$. 47	STBY	5787	SrBy	STO	X 672	\$737

ATTACHMENT B-2: Daily Surveillance Rounds (PF-4 North Side) [UET] (Page 3 of 4)

				0	,					
			Date:	4/20/15	421/2015	4-32-15	1/23/2015	424/2015	4/25/15	4/28/15
			Weekday:	Mon.	Tue.	Wed.	Thu.	ŀri.		Sun.
			Initials:	tit	8F	74	20	n u	A.	B
SRs	Description	Свиде	Acceptance Criteria			SURVE	SURVEILLANCE RESULTS (in. we)	SULTS		
	200 area glovebox	1-218-1041	$< 2.0 \text{ & } > 0^{1} \text{ in. wc}$	र्डा हर्	٠١5	1/2	./5	-\$1.	51.	3/.
	exhaust filler plenum (FF850) AP	PDI-812-2	<2.0 & $> 0^{1}$ in. wc	रहिं	.37	.35	. 36	. 36	.37	.37
4.5.4		PDI-812-3	$<2.0 &> 0^{1} \text{ in. wc}$	डांडा(.38	.37	.57	75.	38	\$7.
		PDI-812-4	<2.0 & > 01 m. wc	STRY	.34	43.4	.37	.36	36	.36
	γ	PDI-812-5	<2.0 & 01 in. we	STBY	18.	, 30	.5(.3(.30	02.
	200 area glovebox	'PDI-813-1	<2.0 & > 01 in. wc	ماحرا	STBy	STRY	STBY	5787	57.8 %	27.40
	exhaust filter plenum (FF851) AP	PDI-813-2	<2.0 & > 01 in. wc	. 30	STBY	STRY	STBY	STBY	V 67.2	CY.R.V
*:C:		PDI-813-3	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	3(STDY	STRY	STEY	SrBy	7072	SYBV
		PDI-813-4	$\le 2.0 \& > 0^1 \text{ in. wc}$.3)	STBY	STBY	STBY	STBY	SYBY	V 8/72
		PDI-813-5	$\leq 2.0 \& > 0^{4} \text{ in. wc}$.35	STBY	5787	كتلاك	STBy	57.34	V872
	IFIT exhaust filter plenum	1-865-I	$\leq 2.0 & > 0$ in. wc	:D3	, p4	.03	ho .	, 04	8	40
÷:	(FF-865) AP	PDI-865-2	$\leq 2.0 \& > 0^{1}$ in. wc	3.	.53	32	.33	.36	35.	3
		PDI-865-3	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	o } 1.	٠ لاه	, 39	٥4٠	17.	///	24
	IFIT supply filter plenum	1-863-1	\leq 2,0 & $> 0^{1}$ in, wc	.05	.05	20 5	.05	20.	\$9.	50
4.1.3.4	(HVP-863) AP	PDI-863-2	≤2.0 & >01 in, we	52.	.25	2.5	26	.26	92	72.

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

(Page 4 of 4)

											i
			Date:	4 20 17	5102/12/	4-22-15	4/23/2015	3/20/2012	4/25/15	4/26/15	
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.	-
			Initials	T T	36	70-	3¢	es o	7	Mar	
SRc	Description	Gauge	Acceptance Criteria			SURV	SURVEILLANCE RESULTS	ESULTS			
134	North Basement supply filter plenum	1-728-1091	$\leq 2.0 \& > 0^4$ in. wc	.13	.12	. 12	. 13	8	77	17	_
1.00	(IIVP-840) AP	PDI-857-2	≤2.0 & > 0' in. wc	. 50	.50	i u	. 50	.50	6.0	64	,
4.1.3.4	North corridor supply filter plenum	1-958-IQd ₁	$\leq 2.0 \ \& > 0^3 \ \text{in. wc}$. 67	60.	80'	. 09	60.	60.	60	
8	(HVP-809) AP	PDI-856-2	\leq 2.0 & > 0 in, we	95.0	. 52	, 52	. 52	.53	3	30	_
VV.	Combustible exclusion area around basement exhaust fans FE828, FE829 and bleed-off fans FE820A, FE820B, FE822A, FE822B, FE822C		0 lb/ft² combustibles in designated exclusion area (within 15 feet of fans)	430	SAT	SAT	14	7.5	3	150	
43.2.2	Rooms 201, 204, 206, & 207		0 lb/ft² combustibles within 3.5 feet perpendicular from the	t v	18 W21/15	ł	SA 7	Sit			
			lace of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less		S Park				JA S	Ha	
			Completion time	0923	9h20	5580	1220	0803	2080	0/10	_
	OC Operator Rev	view and Page Co	OC Operator Review and Page Count Complete (initials)	To the	Set 1		40	4013	2066		1
n TSR	Non TSR requirement			1126	200	N N	8	1		1	1
SR 4	Note: SR 4 1 3 4 annies during mode 1 and mode 2	1 and mode 2		1))		

Non 15K requirement
Note: SR 4.1.3.4 applies during mode 1 and mode 2.

Date Welk Time 02/0 Reviewed by: Completed by: Scare H.

Comments: ITEM 4.3.2.2 13 LINEAT THE TO 12 GIVE EXPANDERS WERE PICKED IN THE COMBINATINE EXCLUSION AREA IN BOWN On-dury Supervisor

Date: 4/L7/15 Time:

201. Ops conter was notified action themanis were Bardren. Workes were notified and glave expenders were MOWER CAT OF THE EXCLUSION AREA, OPENTIONS CENTER WAS NOTIFIED ABOUT THE CARRECTION COMPLISTIBLE A JOHN MOETS REGILLMENDOMES

ATTACHMENT C: Non-PF-4 Daily Surveillance Rounds [UET]

j	PF-10 & PF-11 Pampho	PF-10 & PF-11 Pumptiouse Room Temperature and V-701 & V-704 Fire Water Storage Tank Temperature	J V-701 & V-70	4 Fire Water	Storage Tank	Femperature		,	
		Date:	4/2011S HELLIS	4/21/15	4/22/18	2/52/4	4.24-15	1/2/1/2	1/21/1
	Daily (September through April only)	Weekday:	Mon.	Tue.	Wed.	Thu.	ΞĘ	Sat.	Sum.
		Initials:	du	An	dr	du	2	18	1/2
SR	Description	Acceptance Criteria						Y)
N.	ENSURE M&TE Calibration Data above is recorded and calibration dates have not elapsed.	Calibration dates have not elapsed.	SATAUNSAT	KATAUNSAT	SAPAUNSAT	SAPAUNSAT	SAT JUNSAT	SAPAUNSAT	EATHUNSAT
4.3.1.1	RECORD fire water storage tank V-701 temperature	> 42.1 F	49.8	50.1	50.7	50.7	51.2	80.9	SKD
4.3.1.11	RECORD fire water storage tank V-704 temperature	>42.1 F	6.15	52.1	52.3	23.0	53.2	531	3/2/
43.131	RECORD PF-10 room temperature	> 50.1 F	6,15	41.4	h.29	8/19	62.1	65.8	61.7
43.1.3	RECORD PI:-11 room temperature	≥ 50.1 F	64.8	65.0	63,1	62.1	L 2.7	63.1	6.29
		Completion Time:	0050	250	0500	5280	1027	Bas	875/
	OC Operator Review and Page Count Complete (initials)	ount Complete (initials)	of Man	ica	Ž	100	No.	3/1	1
-	(3		12	1	æ	P		2

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

Time:

Date: 4/27

Date 4/2/2.

Completed by:

Reviewed by: On-duty Supervisor

Comments:

ATTACHMENT A: Per Shift Surveillance Rounds [UET] (Page 1 of 3)

					,			大田田田	_							
(Note		Date:	4-22-15		4/82/1		1/67/A	7	1-30-K	١,,,					
Gauge re	Gauge readings should be taken on rack #4 in the OC.		Weekday:	Mon.	'n.	Tue.		Wed.		Thu.	Н.	Fri.	Sat.	ıt.	Sun.	i.
whenever	wherever possible. Document if		Shift:	AM	PM	AM P	PM A	AM PM		AM PM	AM	PM	ΑM	PM	AM	Ρ̈́
affernate P	alterrate l'Ols are used.		Initials:	ડ	P	M	0%0	K		9			,			
SRs	Description	Gauge Acce	Acceptance Criteria) No	URVE	ILL	SURVEILLANCE (in. wc)	RESULTS	JLTS				
	200 area glovebox exhaust header AP	PDI-814-1 or PDI-814-2	<-h0 in. wc¹	112-	57.5	1.2.10	2,21	2,000	12.72	1.1 01C-	_					
4.1.1.1	100 area glovebox exhaust header AP	PDI-820-1 or PDI-820-2	≤-1.0 in. we¹	3	-(23-1.10		181	161 261	=	1911-1191-					-	
	300 area glovebox exhaust header AP	PDI-870-1 or PDI-870-2	<-1.0 in. wc¹	Ž.	137	1,76	18	399 798	×	-1,17 1.98						
	400 area glovebox exhaust header AP	PDI-864-1 or PDI-864-2	≤-1.0 in. wc¹	86:1-	6	-1.96	281	191/ 1/9/	1 To-	dp.1-191-						
	200 area laboratory PDI-803-1 or header AP PDI-803-2	PDI-803-1 or PDI-803-2	<-0.05 in. wc	02'-	06:	(a)	C	P1.07 P1.0		او کی	2					
	100 area laboratory PDI-802-1 or header AP PDI-802-2	PDI-802-1 or PDI-802-2	<-0.05 in. wc¹	07.		22.5	3.	200	5							
4.1.1.2 4.1.1.5 4.1.2.2 ²	300 area laboratory PDI-853-1 or header AP PDI-853-2	PDI-853-1 or PDI-853-2	<-0.05 in. wc¹	D	:a2	12:	02,	97.0								
	400 area laboratory PDI-852-1 or header AP PDI-852-2	PDI-852-1 or PDI-852-2	<-0.05 in. wc¹	12:-	hc.	727	2	0	ر ج	15.00						
	IFIT Facility AP	PDI-865-4 or PDI-865-5	<-0.05 in. wc	61:-	51:	-114	8	P. 9 2.0	5	P. 10						
	North basement AP	PDI-804-1 or PDI-804-2	< 0.00 in. wc	ش ا <u>ن</u>	91:	01/20-	0,	0,00		01.00 60	1					
4.1.1.3	South basement AP	PDI-854-1 or PDI-854-2	< 0.00 in. wc	60-	. i.	57 60-	80,	Po'0'		01.0 69:						
	IRT Tunnel AP	PDT-901 or PDI-901	< 0.00 in. wc	260-		100	£01:	Foig Seign	<u>ه</u>	801×80%						

ATTACHMENT A: Per Shift Surveillance Rounds [UET] (Page 2 of 3)

					rage	Page 2 of 3										
	Note		Date:	4-27-45	15.	1/28/12		1/24/	1	4-30-1	()					٠
Reading: using FC	Readings should be taken using FCS screens		Weekday:	Mon.	n.	Tue.		wed.	•	Thu.		Fri.	Ų,	Sat.	S	Sun.
FMT#15	FMT#151,152,201LD		Shift:	AM	PM	AM	PM /	AM	PM A	AM P	PM A	AM PM	4 AM	PM	ΑM	PM
and 2021 and local p be used if i	and 202L.D. Field verification and local plenum PDIs may be used if FCS is unavailable.		Initials:	3	. 9	کے	693	B	8-	,	X<					
SRs	Description	Readings	Acceptance Criteria				02	SURVEILLANCE RESULTS Sat. / Unsat. (circle one)	EILI / Un	ANC Sat. (RVEILLANCE RESUL Sat. / Unsat. (circle one)	SULT one)	တ္က			
	200 area re- circulation fan/	FR-801 Icon red and PDT-831 AP >.050 or	At least one fan/plenum is in	(3)	Sa	Sat	Sal			Sat (Sat	ıt Sat	t	Sat	Sat	Sat
	plenum	FR-802 Icon red and PDT-832 AP > .050		Unsat	Unsat	Jusat	nsat [U	nsat U	ısat Uı	ısat Ur	sat Un	sat Uns	Unsat	t Unsat	Unsat	Unsat
	100 area re- circulation fan/	FR-803 Icon red and PDT-833 AP > (050)	At least one fan/plenum is in	閉		Sat	Sat		Sag	(Sat	Sat Sat	ıt Sat	t Sat	Sat	Sat	Sat
	plenum	FR-804 Icon red and PDT-835 AP >.050	service	Unsat	Jusat	Unsat Unsat Unsat Unsat Unsat	nsat U		ısat U	ısat Ur	Unsat Unsat Unsat Unsat Unsat	sat Uns	at Unsat	t Unsat	Unsat Unsat Unsat	Unsat
4.1.1.6	300 area re- circulation fan/	FIX-805 Icon red and PDT-836 AP >.050	At least one fan/olenum is in	(Z)	(Sa)		Sat	Sat	Sat	San	Sat Sat	ıt Sat	Sat	Sat	Sat	Sat
	plenum	FR-806 Icon red and PDT-837 AP >.050	service	Unsat	Jusat	Unsat Unsat Unsat Unsat	nsat U	Unsat U	ısat Uı	isat Un	sat Un	at Uns	Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat	Unsat	Unsat	Unsat
	400 area re- circulation fan/	FR-807 Icon red and PIYT-838 AP>,050 or	At least one fan/olenum is in	(3)	(S)	Sat	Saft	3	Sat	SEE (S	Sat Sat	t Sat	Sat	Sat	Sat	Sat
	plenum	FR-808 Icon red and PDT-839 AP>.050	service	Unsat	Jusat	Unsat Unsat Unsat Unsat Unsat Unsat	nsat U	nsat U	IS at O	ısat Ur	sat Un	at Uns	Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat	Unsat	Unsat	Unsat
	Vault re-	FR-811 Icon red and PDT-840 AP>,050	At least one	(88)	(Sa)	Sat	Sat	(A)	Sat		Sat	ıt	Sat	Sat	Sat	Sat
	circulation fan/ plenum	or FR-812 Icon red and PDT-841 AP >.050	tan/plenum is in service	Unsat	Jnsat	Jusat U	nsat U	nsat U	sat C	isat Un	ag du	at Uns	Unsat	Unsat	Unsat	Unsat

ATTACHMENT A: Per Shift Surveillance Rounds [UET] (Page 3 of 3)

" 4-72-45 4 28/14 4/29/15 4-3015	72 Mon. Tue. Wed. Thu. Fri. Sat. Sun.	II AM PM AM PW AM PW PW AM PW AM PW AM PW AM PW	E G M Sept of S :	SURVEILLANCE RESULTS	Sate (Unsat. (girçle one)	Unsat	Say (Say (Sat) (Sar) (Sar) (Say (Say (Sat) Sat		Sal (Sat Sat Sat (Sat) (Sat) (Sal) Sat Sat Sat Sat Sat	Outsat Offsat	Sat) Say Sat Sat Sat Say (Say Say Say Sat Sat Sat Sat Sat	Clisal Charlonal Chisal		SZYS 1970 CT 1850 COPS 1710 COTSU GAS	
Date:	Weekday:	Shift:	Initials:	Acceptance	Criteria	H-814-2 < PDI-803- 2 < PDI-804-2	1-820-2 < PDI-802-	2 - 1 121-00-121 × 2	H-870-2 < PI)I-853-	2 < PDI-854-2	PDI-864-2 < PDI-852-	2 < PDI-854-2	Time		
	ck #4 in	пате	K	Compo	Sauge	PDI-814-2 PDI-803-2 PDI-804-2	PDI-820-2 PDI-802-2 PDI-	7-101-001	PDI-870-2 PDI-853-2 PDI-	PDI-854-2	PDI-864-2 PDI-852-2 PD		Completion Time		
	cen on rac	t any alter		Aroa	2	200 Area	100 Area		300 Area		400 Area				
Note	Gauge readings should be taken on rack #4 in the OC when rossible local PDI equivalents may	be used if necessary. Document any alternate		Description		Glovebox exhaust header APs	<u> 2</u>	игеаз 100, 200, 300	and 400						
2010	Gauge read	be used if ne	PDIs used.	SRs			4.1.1.4								

Note: ¹ Mode 2 acceptance criteria is < 0.00 in. wc Note: ² SRs 4.1.2.x only apply during mode 2 in accordance with LCO 3.1.2.

On-duty Supervisor Reviewed by: 1868.C

Date: 5/1/75 Time:

Comments:

Completed by ALL

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 1 of 4)

SR 4.4.1.1, The OPERABILITY acceptance criterion for this surveillance is:

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). The FLAMMABLE GAS detector in the FSTF FLAMMABLE GAS SOURCE storage cabinet is exposed to the ambient atmosphere in the

		Date:	4-27-15	4-27-15 4-28-15	4/29/2015	4-30.15			
11	-	Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
		Initials:	16	74	95	74.			
	Description / Gauge	Acceptance Criteria		S	URVEILLAN	SURVEILLANCE RESULTS (percentage)	(percentage)		
	Flammable Gas Channel Check					. 9.			
SR	DET-305-3 (LCD Reading)	NA AN	0.0	0.0	0.0	0			
4.4.1.1	CP-305-H (LED Reading)		0.0	0.0	0.0	0			
	(DET-305-3) - (CP-305H)	Record Calculated Value	0.0	0.0	0.0	0.0			
	(LCD Reading) (LED Reading)	> -0.1; <+0.1	Sat / Unsat. Sat / Unsat.	Sat) Unsat.	Sat. Unsat. (Sat.) Unsat.		Sat. / Unsat. Sat. / Unsat. Sat. / Unsat.	Sat. / Unsat.	Sat. / Unsat.
		Completion Time:	h180	0810	0750	5/80			
			-						

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side)[UET] (Page 2 of 4)

## 4-27-15 4-28-15 Mon. Tue. Mon. Tue. *** *** *** *** *** *** ***						
Description Gauge Neekday: Mon. Tue.	4-27-15	42815 42/2015	DE 4-30.15			
Description Gauge Acceptance Criteria			d. Thu.	Fri.	Sat.	Sun.
Description Gauge Ageeptance Criteria South basement PDI-894-		24 PF	74			
South basement 'PDI-894-1 \$\(\frac{2}{2}\triangle & \frac{2}\triangle & \frac{2}{2}\triangle & \frac{2}{2}\triang	V	. 32	SURVEILLANCE RESULTS (in. wc)	SULTS		
South Corridor 'PDI-894-2 \$\(2.0 & > 0^1 \) in. we \$\(\cdot \) \(\sigma \) South Corridor supply (IIVP-811) AP \(\text{PDI-895-2} \) \$\(\sigma \) \$\(\sigma \) \(\text{South Corridor} \) \(\text{PDI-817-1} \) \$\(\sigma \) \$\(\sigma \) \(\sigma \) \(\text{South Corridor} \) \(\text{PDI-817-2} \) \$\(\sigma \) \$\(\sigma \) \(\sig	<2.0 & > 0 ¹ in. wc	80 60	600			
South Corridor 1	$<2.0 \ \& > 0^1 \ \text{in. wc}$	55 55				
### ### ### ### ### ### ### ### ### ##	≤ 2,0 & > 0' in, wc	60. 60'	. 09		7.	
300 area glovebox cxhaust filter plenum PDI-817-2	≤2.0 & ≥0¹ in. wc	. 58 . 59				
300 area glovebox exhaust filter plenum PDI-817-4 \$ \cepsilon 2.0 & > 0^1 \text{ in. wc}\$ \cepsilon 57.8y \cepsilon 57.	<2.0 & > 01 in. wc	STBY STBY	v			
(FF854) AP PDI-817-4 \$\leq 2.0 & > 0^1 in. wc\$ \$\leq 7.8 y\$ \$\leq 7.7 g\$ \\ 300 area special PDI-819-1 \$\leq 2.0 & > 0^1 in. wc\$ \$\leq 7.8 y\$ \$\leq 7.8 y\$ \\ (FF858) AP PDI-819-4 \$\leq 2.0 & > 0^1 in. wc\$ \$\leq 7.8 y\$ \$\leq 7.8 y\$ \\ (FF858) AP PDI-818-1 \$\leq 2.0 & > 0^1 in. wc\$ \$\leq 7.8 y\$ \$\leq 7.8 y\$ \\ 300 area glovebox exhaust filter plenum (FF855) AP PDI-818-2 \$\leq 2.0 & > 0^1 in. wc\$ \leq 7.2 g\$ \\ 300 area special PDI-818-2 \$\leq 2.0 & > 0^1 in. wc\$ \leq 7.2 g\$ \\ 300 area special PDI-818-5 \$\leq 2.0 & > 0^1 in. wc\$ \leq 7.3 g\$ \\ 300 area special PDI-818-5 \$\leq 2.0 & > 0^1 in. wc\$ \leq 7.3 g\$ \\ 300 area special PDI-818-1 \$\leq 2.0 & > 0^1 in. wc\$ \leq 7.3 g\$ \\ 300 area special PDI-818-1 \$\leq 2.0 & > 0^1 in. wc\$ \leq 7.3 g\$ \\ 300 area special PDI-821-1 \$\leq 2.0 & > 0^1 in. wc\$ \leq 7.4 \\ 300 area special PDI-821-1 \$\leq 2.0 & \leq 0^1 in. wc\$ \leq 7.4 \\ 300 area special PDI-821-1 \$\leq 2.0 & \leq 0^1 in. wc\$ \leq 7.4 \\ 300 area special PDI-821-1 \$\leq 2.0 & \leq 0^1 in. wc\$ \leq 7.4 \\ 300 area special PDI-821-1 \$\leq 2.0 & \leq 0^1 in. wc\$ \leq 7.4 \\ 300 area special PDI-821-1 \$\leq 2.0 & \leq 0^1 in. wc\$ \leq 7.4 \\ 300 area special PDI-821-1 \$\leq 2.0 & \leq 0^1 in. wc\$ \leq 7.4 \\ 300 area special PDI-821-1 \$\leq 2.0 & \leq 0^1 in. wc\$ \leq 7.4 \\ 300 area special PDI-821-1 \$\leq 2.0 & \leq 0^1 in. wc\$ \leq 7.4 \\ 300 area special PDI-821-1 \$\leq 2.0 & \leq 0^1 in. wc\$ \leq 7.4 \\ 300 area special PDI-821-1 \$\leq 2.0 & \leq 0^1 in. wc\$ \leq 7.4 \\ 300 area special PDI-821-1 \$\leq 2.0 & \leq 0^1 in. wc\$ \leq 7.4 \\ 300 area special PDI-821-1 \$\leq 2.0 & \leq 0^1 in. wc\$ \leq 7.4 \\ 300 area special PDI-821-1 \$\leq 2.0 & \leq 0^1 in. wc\$ \leq 7.4 \\ 300 area special PDI-821-1 \$\leq 2.0 & \leq 0^1 in. wc\$ \leq 7.4 \\ 300 area special PDI-821-1 \$\leq 2.0 & \leq 0^1 in. wc\$ \leq 7.4 \\ 300 area special PDI-821-1 \$\leq 2.0 & \leq 0^1 in. wc\$ \leq 7.4 \\ 300 area special PDI-821-1 \$\leq 2.0 & \leq 0^1 in. wc\$ \leq 7.4 \\ 300 area special PDI-821-1 \$\leq 2.0 & \leq 0	$< 2.0 \& > 0^1 \text{ in. wc}$	57.8y STBY				
300 area special PDI-819-1 \$\leq 2.0 & > 0^1 in. wc \ STBY \STBY \ STBY \STBY \ STBY \	$\leq 2.0 \text{ & > 0}^{1} \text{ in. wc}$ $\leq 7.8 \text{ y}$	STBY STBY				
300 area special PDI-81 9-1 \$\leq 2.0 & > 0^1 in. wc \ \text{STBY} \ \te	$< 2.0 &> 0^{1} \text{ in. wc}$ $5.7 & y$	STBY STBY		,		
FF858 AP PDI-819-3 \$2.0 & > 0 ¹ in. wc \$7.8 y \$7.8 y	$\leq 2.0 \& > 0^1 \text{ in. wc}$					
(FF858) AP PDI-819-4 \$\leq 2.0 & > 0^1 in. wc \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	<2.0 & > 0 in. wc			:		
300 area glovebox exhaust filter plenum (FF855) AP PDI-818-5 \$\leq 2.0 & > 0^1 in. wc \ \times \frac{2.0}{3.2} \\ \times \	<2.0 & > 0 in. wc		. (
300 area glovebox exhaust filter plenum PDI-818-2 <2.0 & > 0 in. wc , 32 , 32 . 32 . 32 . 32 . 32 . 32 . 32	$\leq 2.0 \& > 0^{1} \text{ in. wc}$,29		-		
(FF855) AP PDI-818-4 <2.0 & > 0 ¹ in. wc , 3 2 , 3 3 , 2 3 4 5	$<2.0 \& > 0^1 \text{ in. wc}$	25. 45.				
300 area special PDI-813-1 <2.0 & > 0 ¹ in. wc , 3.0 .3 /	<2.0 & > 0¹ in. wc	. 33				
300 area special PDI-821-1 $\leq 2.0 \& > 0^4$ in. we recovery glovebox as how the state of the sta	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	•	/ /			
awkenis files	$\leq 2.0 \& > 0^{1}$ in. wc	oh . oh .				
hh. hh. ω ω ω ω ω ω ω ω ω ω ω ω ω ω ω ω	$\leq 2.0 \& > 0^{-1}$ in. wc	ch. 44.	54			
1) AP PDI-8214 <2.0 &>01 in. wc . 40 . 40	<2.0 & > 01 in. wc	ps. 04.	.39			

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 3 of 4)

			Date:	H-27-15	4-28-15	4/29/2015	4-30-15		i	
			Weekday:	Mon.	Tue.	Wed.	Thu,	Fri.	Sat.	Sun.
			Initials:	16	7 d	9 _F	74		:	
SRs	Description	Gauge	Acceptance Criteria			SURV	SURVEILLANCE RESULTS (in. wc)	sults		
		'PDI-822-I	$\leq 2.0 \& > 0^{1} \text{ in. wc}$, 7.5	75	.75	.76			
4.1.3.4	400 area glovebox	PDI-822-2	$\leq 2.0 \& > 0^4 \text{ in. wc}$.50	. 50	.ئ.ا	.50			
	exhaust filter plenum (FF856) AP	PDI-822-4	$<2.0 \& > 0^{1} \text{ im. wc}$	141	17.	14.	14.			
		PDI-822-5	$<2.0 \& > 0^{1} \text{ in. wc}$	24.	. 45	.45	77.			
		¹ PDI-823-1	$<$ 2.0 & $> 0^1$ in. wc	87.87	STRV	STRV	77.84			
4.1.3.4	400 area glovebox	PDI-823-2	$\leq 2.0 \& > 0^1 \text{ in. wc}$	Y87S	57.8v	5734	STRY			
	(FF857) AP	PDI-823-4	$\leq 2.0 \& > 0^1 \text{ in. wc}$	STRY	57.8 y	2484	5784			
		PDI-823—5	$\leq 2.0 \& > 0^1 \text{ in. wc}$	STRY	5784	γ£т	5784			:
	South Basement exhaust	1-928-10d ₁	\leq 2.0 & > 0 ¹ in. wc	99.	69	29	. 68			
4.1.3.4	filter plenum	PDI-830-2	$<2.0 \& > 0^1$ in. wc	,30	.30	-30	30			
	110 (270-1.1)	PI)1-830-3	$\leq 2.0 \& > 0^1 \text{ in. wc}$	2.8	,29	123	24			
	3M) area re-rirenlation	PDI-836-1	$\leq 2.0 \& > 0^3 \text{ in. wc}$. 97	.97	46.	44			
	filter plenum	PDI-836-2	$\leq 2.0 \& > 0^4$ in. wc	58	58	.58	85			
4.1.1.7	(200	PDI-836-3	$\leq 2.0 \& > 0^1$ in. wc	, 52	.52	٠5٤	52			
	300 area re-rirentation	1-283-Idd ₁	$<2.0 \& > 0^1$ in. wc	. 50	5/	.51	0.5			
	filter plenum	PDI-837-2	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	/6.	. 41	.42	. 41			
		PDI-837-3	$\leq 2.0 \& > 0^{1} \text{ in, wc}$.39	07	. 39	95,			

Surveillance Rounds

TA55-ST--004, R17

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 4 of 4)

			Date:	4-27-15	4-28-15	4/20/2012	4-30-15			
			Weekday:	Mon.	Tue.	Wed.	Thu.	ĬŢ.	Sat.	Sun.
			Initials:	74	77	D _F	7.6			
SRs	Description	Gauge	Acceptance Criteria			SURVI	SURVEILLANCE RESULTS (in. wc)	SULTS		
	400 area re-circulation	1-828-1Cld ₁	<2 0 & > 0 in. wc	84.	. 48	.48	87.			
	filter plenum	PDI-838-2	<2.0 & > 01 in. wc	, 5,	, 5,	.51	, 5,			
4.1.1.7		PDI-838-3	<2.0 & > 01 in wc	.50	, 50	.50	05'			
	400 area re-circulation	1-839-1	<2 0 & > () in wc	5 h ~	44.	744	hh.			
	filter plenum	PDI-839-2	$\leq 2.0 \ \& > 0^1 \ \text{in. wc}$	650	99'	04.	. 59			
	IV (000-14H)	PDI-839-3	<2 0 & > 0 in. wc	55	.55	.55	5.5			
	South Bleed off filter	1-018-1Cld ₁	$\leq 2.0 \& > 0^{1}$ in, wc	OFF	OFF	OFF	OFF			
4.1.3.4	plenum (FF.822A) AP	PDI-810-2	$\leq 2.0 \& > 0^{1}$ in, wc	OFF	PARF	OFF	770			
		PDI-810-3	$\leq 2.0 \& > 0^1$ in. wc	OFF	OFF	06F	110			
	South Bleed off filter	'PDI -811 - 1	<2.0 & > 0 in. wc	11		6.11	11 .			
4.1.3.4	plenum	PDI -811 -2	$\leq 2.0 \& > 0^1 \text{ in. wc}$	74.	64.	bh:	56			
	(1770-17)	PDI -811 -3	$< 2.0 \& > 0^{1} \text{ in. wc}$	8 h *	5 h t	64	<i>Lh'</i>			
			. Completion Time	0841	0830	28180	0852			
၁ ၀	OC Operator Review and Page Count Complete (initials)	age Count Comp	slete (initials)	S. S.	Sal	ONG STO	on P			
Non TSR requirement:	ement:				S	C 188	25 A			

Note: SR 4.1.1.7 applies during mode 1 as stated in LCO 3.1.1. SRs 4.1.3.X apply during mode 1 and mode 2 as stated in LCO 3.1.3.

Completed by: fand Though Date 4-30-15 Time 0852 Reviewed by: 1813

On-duty Supervisor

Date: 4/32/15 Time: 110 /

Comments

ATTACHMENT B-2: Daily Surveillance Rounds (PF-4 North Side)[UET] (Page 1 of 4)

											,
			Date:	4/27/2015	4/28/2015	102/PL	1/30/205				
			Weekday:	Mon.	Tue.		Thu.	Fri.	Sat.	Sun.	
			lnitiats	7	ed _{fr}	8 F	281				
SRs	Description	Свиде	Acceptance Criteria	×		SURVI	SURVEILLANCE RESULTS (in. wc)	SULTS			
	Vault re-circulation	1-058-101	$<2.0 \& > 0^1$ in. we	.16	١٠.	-11	91.				
	filter plenum	PDI-840-2	<2.0 & > 0 in 1 wc	.57	. 58	.58	.58				
	N7 (110-1411)	PDI-840-3	<2.0 & > 0.1m, wc	. 50	.50	.50	. 50				
4.1.1.7	Vault re-circulation	¹PDI-841-1	$\leq 2.0 \& > 0^{1} \text{im. wc}$	STBY	STBY	7484	STBY				
	filter plenum	PDI-841-2	<2,0 & $>$ 0' in. we	STBY	5187	STBY	5+67				,
	(HVF-812) AI	PDI-841-3	<2.0 & > 01 in. wc	STBY	STBY	STBY	YETS			:	,
	200 area re-circulation	1-168-IQJ ₁	$< 2.0 & > 0^1 \text{ in. wc}$. \$3	.33	ευ. ευ.	₽. 8.03				,
	filter plenum	PDI-831-2	$\leq 2.0 \& > 0^1 \text{ in. wc}$.40	. 410	4.0	.40				
	117 (1105-1711)	PDI-831-3	$\leq 2.0 \& > 0^1$ in. wc	.35	.85	.35	lo m		i		
	200 area re-rireulation	1-832-1	<2.0 & > 01 in, wc	. 32	.33	.33	.33			II	
	filter plenum	PDI-832-2	$\leq 2.0 \& > 0^1 \text{ in. wc}$. 60	09.	09.	09.				
	(700-1411)	PI31-832-3	$\leq 2.0 \text{ & > 0}^1 \text{ in. wc}$.55	. 56	.57	.55				
		1-708-ICIq1	$\leq 2.0 \text{ & } > 0^1 \text{ in. wc}$	OFF	0 F F	OFF	240				
4.1.3.4	North Bleed off filter plenum	PDI-807-2	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	0#F	0 11 11	OFF	0 TT TT				
	(FF-820A) AP	PDI-807-3	$\leq 2.0 \text{ & > } 0^1 \text{ in. wc}$	9770	の下午	OFF	U.4.0				
	a de la companya de l	1-608-IGd ₁	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	60.	. 09	.09	№ 0.				
4.1.3.4	plenum	PDI-809-2	$\leq 2.0 \& > 0^1 \text{ in. wc}$.54	.51	.ج.ا	.51				
	(777)	PDI-809-3	$\leq 2.0 \text{ &> } 0^1 \text{ in. wc}$	64.	64.	6h.	₩ 7.				
	A.————————————————————————————————————			1				X			_

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

	Sun.																		İ	
	8		-					_	 											
	Sat.						:	:									i			
	Fri.		SULTS			ş					201									
4/50/2015	Thu.	ملا	SURVEILLANCE RESULTS (in. wc)	51:	.39	.30	>1.0	84.	94.	91.	5ħ·	£h·	.20	.45	98	.40	STBY	المحدد	STBY	ठमछभ
4/29/2015	Wed.	96	SURVI	. 15	£.	8.	71.0	Lh -	.45	.16	.46	44	50	٠ ٢ج	78.	oh.	reas	STBY	STBY	STBY
4/25/2015	Tue.	9		.15	.39	.30	≥I.0	<i>L</i> ካ ·	. 45	. 16	.47	.45	-22	. (55	.37	04.	heus	STBY	STBY	उन्छर
4/27/2015	Mon.	6		.15	55.	98.	>1.0	54.	. HS	9.	.45	· 45	. 20	. 45	.35	.40	STBY	STBY	3781	STBY
Date:	Weekday:	Initials:	Acceptance Criteria	$<2.0 \&>0^1 \text{ in. wc}$	$<2.0 \text{ &> } 0^1 \text{ in, wc}$	<2.0 & -01 in. wc	<2.0 & >0'in. wc	$<$ 2.0 & $> 0^{1}$ in we	$<2.0 \& > 0^1 \text{ in. wc}$	$\leq 2.0 \& > 0^{1}$ in. wc	$\leq 2.0 \& > 0^4 \text{ in. wc}$	$\leq 2.0 \text{ & > } 0^4 \text{ in. wc}$	$\leq 2.0 \text{ & > } 0^1 \text{ in. wc}$	$\leq 2.0 \& > 0^{1}$ in. we	$\leq 2.0 \ \& > 0^{1} \ in. \ wc$	$\leq 2.0 \text{ & > 0}^{1} \text{ in, wc}$	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^{1}$ in. wc	$<2.0 \& > 0^1 \text{ in. wc}$	<2.0 & > 01 in. wc
			Свикс	¹ PDI-829-1	PDI-829-2	PDI-829-3	¹ PDI-833-1	PDI-833-2	PDI-833-3	¹PDI-835-1	PDI-835-2	PDI-835-3	¹ PDI-815-1	PDI-815-2	PDI-815-4	PDI-815-5	1-918-10d1	PDI-816-2	PDI-816-4	PDI-816-5
			Description		filter plenum (FF-828)		106 area re-circulation	filter plenum	(600-11)	100 area re-circulation	filter plenum			100 area glovebox	exhaust filter plenum (FF852) AP			100 area glovebox	exhaust filter plenum (FF853) AP	
			SRs		4.1.3.4				4.1.1.7					4.1.3.4				4.1.3.4		

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

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		•	Date:	4/27/2015	4/28/2015	429/2015	730/2015			
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	BF.	5 F	9 F	80 pt			
SRs	Description	Gauge	Acceptance Criteria		5	SURVI	SURVEILLANCE RESULTS (in. wc)	SULTS		
151	200 area glovebox	1-518-ICId ₁	$<2.0 \& > 0^{1} \text{ in. wc}$.15	. 16	71.	. 16			
•	exhaust filter plenum (FF850) AP	PDI-812-2	$<2.0 R>0^{1}$ in. wc	. 55	.38	78.	.36		i	
4.1.3.4		PDI-812-3	\leq 2.0 & > 0 ¹ in. wc	.55	.40	.38	38			
		PDI-812-4	<2.0 & $>$ 0 ¹ in. wc	.35	.39	75.	.36			
		PDI-812-5	$\leq 2.0 \ \& > 0^{1} \ \text{in. wc}$.31	.33	.31	3€.			
	200 area glovebox	1-813-I	$\leq 2.0 \text{ &> } 0^1 \text{ m, wc}$	57.84	STBY	STBY	SrBY			
,	exhaust filter plenum (FF851) AP	PDI-813-2	<2.0 & > 0 in. wc	STBY	SrBy	STBY	STBY			
4.1.4		PDI-813-3	$\leq 2.0 \& > 0^{1}$ in. we	STRY	STBY	\Suc	YETS			
		PDI-813-4	$\leq 2.0 \ \& > 0^1 \ in. \ wc$	STBY	SIBY	STBY	STBY		0	
		PDI-813-5	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	SrBy	3784	STBY	STBY			
	IFIT exhaust	1-598-1Cld ₁	$\leq 2.0 \& > 0^{1} \text{ in. wc}$.03	63	ho.	20.			
4.1.3.4	(FI:-865) AP	PDI-865-2	$\leq 2.0 \& > 0^{1}$ in, wc	.36	33	35	.33			
		PDI-865-3	$\leq 2.0 \text{ & } > 0^1 \text{ in. wc}$	14.	, 40	14.	.39			
	IFIT supply filter plenum	1-893-101d ₁	<2.0 & > 01 in. wc	. 05	.05	.65	.05			
4.1.3.4	(HVP-863) AP	PDI-863-2	<2.0 & >01 in. wc	.27	.27	. 28	82			

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

(Page 4 of 4)

					,					
			Date:	427/2015	4/28/2015	4/29/2015	1/30/2015			
			Weekday:	on.	Tue.		Thu.	ľ'n.	Sat.	Sun.
			0 0 0 0 0 0	B _F	8 F	T.	æjr.			
SRs	Description	Gauge	Acceptance Criteria			SURV	SURVEILLANCE RESULTS	SULTS		
	North Basement supply filter plenum	'PDI-857-1	$\leq 2.0 & > 0^{1}$ in, wc	70.	20.	۲٥.	50.			
4.1.3.4	(HVP-840) AP	PDI-857-2	2.0 &>01 in. we	. 50	.50	.50	.50			
4.1.3.4	North corridor supply filter plenum	1-958-IGd ₁	2.0 & > 0 in. wc	60.	. مع	01.	01.			
8	(11VP-809) AP	PDI-856-2	<2.0 & 0 in wc	. 53	.53	. 54	.55			
, 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	544	Sat			
4322	Rooms 201, 204, 206, & 207		0 lb/ft² combustibles within 3,5 feet perpendicular from the	SÆT	S	SAT	SAT			
		W	iace of the PMMA, the width of the aisles between gloveboxes, or up to the walls of the rooms, whichever is less					,		
			Completion time	0901	0830	2080	0820			
	OC Operator Rev	view and Page Co	OC Operator Review and Page Count Complete (initials)	16	? ?	300)	B ook			
Non TSR	Non TSR requirement	l and mode 7			RES	No.	SE SE			

Note: SR 4.1.3.4 applies during mode 1 and mode 2.

Comments:

Note: SR 4.1.3.4 applies during moue 1 and moue 2.

Completed by: 3. Foroyam Date 4/20/2015 Time 2967 Reviewed by: On-duty Supervisor

Date: 4/30/15 Time: 1105

ATTACHMENT C: Non-PF-4 Daily Surveillance Rounds [UET]

			M&TE Calibrated Data			
	PF-10 Thermometer File No.:	039746	PF-10 Thermistor File No.: 0-12253	0-12253	V-701 Thermistor File No.: 039744	039744
Record September	Calibration Expiration Date: 6/17	6/17/15	Calibration Expiration Date: 6 346 15	6/26/15	Calibration Expiration Date: 6/26/15	6/26/15
through April only	PF-11 Thermometer File No.: 04225	042252	PF-11 Thermistor File No.: O40373	040373	V-704 Thermistor File No.: 040375	040375
	Calibration Expiration Date: (6/17	611-115	Calibration Expiration Date: 6 26 15	6/24/15	Calibration Expiration Date: 6/26/15	6/26/15

	PF-10 & PF-11 Pumphou	1436 Room Temperature and V-701 & V-704 Fire Water Storage Tank Temperature	1 V-701 & V-70	4 Fire Water !	Storage Tank 7	emperature	=5		
		Date:	Date: 4/27/15 4/28/15 4/29/15 4/30/15	42815	4/29/15	s1/26/12			
	Daily (September through April only)	Weckday:	Mon.	Tue,	Wcd.	Thu.	Fri.	Sat.	Sun.
		Initials:	4	\$	4	In			
SR	Description	Acceptance Criteria	8.						
VV	ENSURE M&TE Calibration Data above is recorded and calibration dates have not clapsed.	Calibration dates have not elapsed.	CAT UNSAT	AT WINSAT SAT UNSAT	SAT JUNSAT	EAS AUNSAT	SAT /UNSAT	SAT AUNSAT	SAT /UNSAT
4.3.1.1	RECORD fire water storage tank V-701 temperature	> 42.1 F	49.9	49.6	48.9	50.0			
43.1.1	RECORD fire water storage tank V-704 temperature	> 42.1 F	51:1	51.5	52.0	625			
43.1.31	RECORD PF-10 room temperature	≥ 50.1 F	59.7	0.00	7.19	62.5			
43.1.3	RECORD PF-11 room temperature	> 50.1 F	27:79	(43.5	۲.۵۶)	h 1/9			
		Completion Time: 6839	6839	8080	940	0420			
	OC Operator Review and Page Count Complete (initials)	Count Complete (initials)	3	3	8th	9 OBD			

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: 4/30/15 Time 0840

Reviewed by: On-duty Supervisor

Comments:

ATTACHMENT D-1: Monthly Surveillance Rounds (Confinement Doors) [UET]

(Page 1 of 2)

SRs	Equipment	Location	Acceptance criteria	Sat or Unsat.	Completion Time:	Date:	Initials
*Note	Confinement DR-344	Southeast	Verify that the Astragals and Jamb-Scal 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.	434	v - x - 7	74
4.1.3.2	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).	Sut.) Unsat.	1424	31-8-1	£
4.1.3.2	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).	(Sa) Unsat.	1310	77.0.15	73
*Note	Confinement DR-102	Northwest	Verify that the Astragals and Jamb-Seaf 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.	/337	S/-&-h	2
4132	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.	1339	4-8-15	10
		100 M	AND VERIFY and RECORD the time (using calibrated stop watch) that the door(s) go to the fully closed position via the automatic door closure is ≤ 30 seconds. 4. 29 Seconds	(Sat.) Unsat.	14 81	51-8-4	79

*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 11, NFPA 80, NFPA 101 and 1BC Requirements for LANL Building TASS-4 (PF-4); Installation of New Confinement Doors, DR-102, DR-302, and DR-344 LANL-DOE-ORDER-420, 18-EO-2013-001

ATTACHMENT D-1: Monthly Surveillance Rounds (Confinement Doors) [UET]

(Page 2 of 2)

				Vi.			_			
	Initials		t ¢		FG		PT		FA	50
	Date:	8	4-8-4s		61-8-15		4-8-15		4.8-15	Complete
	Completion Time:		1352 4875 77		1350 48-15 PT		1224 4-8-15	S.	1402 4.8-15	OC Operator Review and Page Count Complete
:	Sat or Unsat.	Chsat.		Sat. Unsat.		Sat. Unsat.		Sat. Unsat.		or Review an
(1 ago 2 01 2)	Acceptance criteria	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure.	For each confinement door, VERHFY that one leaf of the door(s) is seemed shut (NW, NE, SW, SE, south basement door).	AND VERIFY and RECORD the time (using calibrated stop watch) that the door(s) go to the fully closed position via the automatic door closure is \(\leq 30 \) seconds.	7. C Seconds	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure;		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 shur (NW, NE, SW, SE, south basement	door).	OC Operate
	Location			ISAMUMOC		N. Basement Personnel door	CNA	South Basement Door (Tunnel)		
	Equipment		Confinement Door	DR-302		Confinement Door DR-4	å	Confinement Door DR-90		
	SRs	-	6	7777		4.1.3.2		4.13.2		

Note: SR 4.1.3.2 applies during mode 1 and 2.

Completed by. Paul Zugille

On-duty Supervisor Comments:

Date 4-8-15Time 1424 Reviewed by:

Dane: 4/8/15 Time: 143

ATTACHMENT D-2: Monthly Surveillance Rounds (CAS) (Operations Center) [UET]

			(Page 1	011)	<u>, </u>
SR	Desc	ription	Acceptance Criteria	Sat, / Unsat.	Initials
	Channel #	Location			
4.2.1.1	1	Rm, 201	> 1 mR/hr	(Sat)/ Unsat.	u
	2	Rm. 106	> 1 mR/hr	Sat. Unsat	u
	3	Rm. 305	> 1 mR/hr	(Sat) / Unsat.	U
	4	Rm. 401	> 1 mR/hr	Sat / Unsat.	u
	5	Rm. 206	> 1 mR/hr	Sat. Unsat.	u
	6	Rm.114	> 1 mR/hr	Sat. / Unsat.	v
	7	Rm. 319 W	> 1 mR/hr	Sat / Unsat	u
	8	Rm. 409	> 1 mR/hr	Sat / Unsat	u
	9	Rm, 208	> 1 mR/hr	Sat) / Unsat	u
	10	Rm. 124	> 1 mR/hr	Sat. / Unsat.	M
	11	Rm. 319 E	> 1 mR/hr	Sat. / Unsat	lu
	12	Rm. 420	> 1 mR/hr	Sat / Unsat	u
	13	Rm. 209	> 1 mR/hr	Sat. / Unsat.	ч
	14	Rm:126	> 1 mR/hr	Sat. / Unsat.	K
	. 15	Rm. 327	> 1 mR/hr	Sat / Unsat.	и
	16	Rm: 429	> I mR/hr	Sat / Unsat	CL-
	17	Vault 17	> I mR/hr	Sat / Unsat	u
	18	Vault 18	> 1 mR/hr	Sat. / Unsat.	u
	19	Vault 19	> I mR/hr	(at) / Unsat.	И
	20	Vault 20	> 1 mR/hr	Sat / Unsat.	u

Completed by:

Reviewed by:

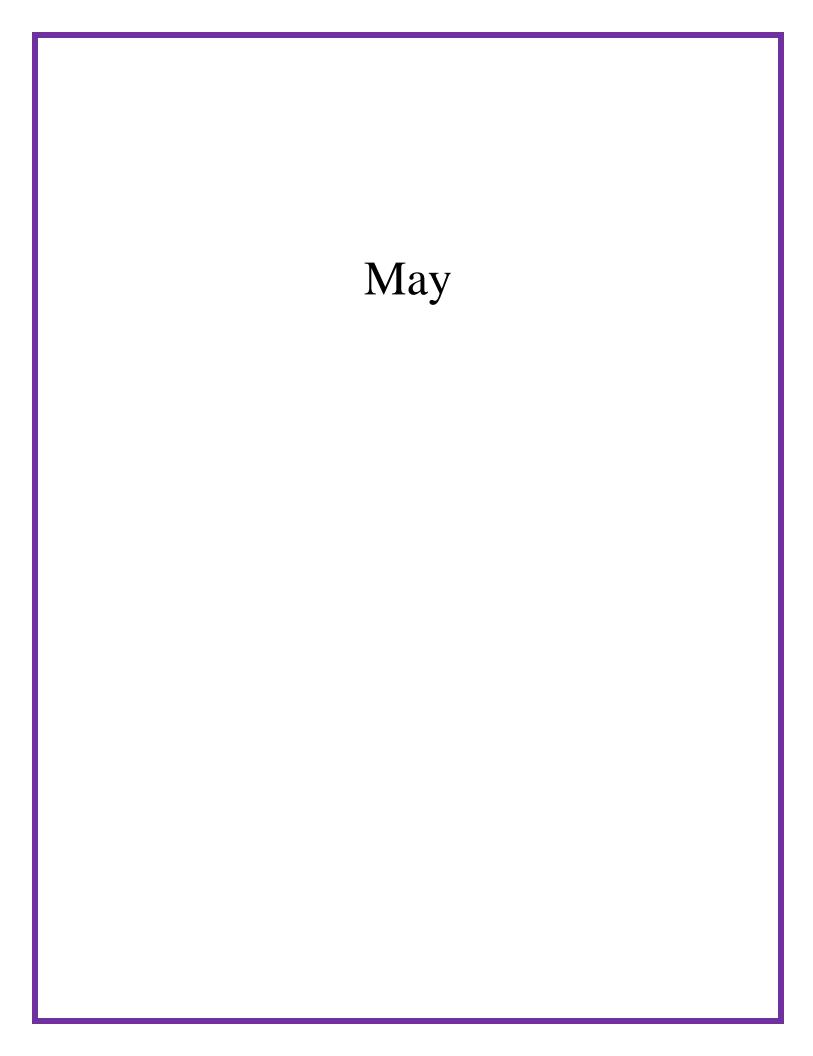
On-duty Supervisor

Comments:

Time 0530

Date 4/1/15 Time 0730

Note: These readings SHALL be taken on the rate meters in rack RK-801-3 in the OC.



Attachment B, Surveillance Training Checklist

(Page 1 of 2)

Procedure title:	Surveillance Round's
Procedure no.:	TAS5-5TP-004 PLIT
Date of issue:	5/1/15
Working copy issued to:	John Smeltt
Working copy issued by:	John Smeltt
	Certified Operations Center Operator

Operations Center Operator Review		
- Selfell	/	6///15
Signature	4	Date
Required Reading for this Surveillance has been completed		

Training Checklist

Workers Performing Surveillance	Applicable Surveilland	ce Training Current
	Initials	Date
Brisco	1940	4/30/15
BChenco	OAG	1
D. Dunlary	Orders	
A Dunsith	640	
7 (0000	540	
R Lum	860	
A Ortra	DAO)	
F Support	90-0	
J Smeltz	OA)	
R Prize	019	4/30/15

Comments:				

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

Training Checklist (continuation sheet)

Workers Performing Surveillance	Applicable Surveillance	Training Current
	Initials	Date
J. Martinez N. Mowaya P. Trujillo T. Langworthy R. Hohnar	940	4/30/15
N Mowaya	989	Ĵ
P Trujillo	GM2	
T Langworthy	(Ph)	
R Hohna	940	
Mirish	дво	
A Horrera	13.00	
1 Atauro	867	
A Senchez B Fordhom	900	· ·
B For 2 hom	_Ø _Ø Ω	4/30/15
\sim		
	3	

Attachment A, Surveillance Due Date Change Request

SI/STP/ISI#	Scheduled Due Date	Proposed Due Date	Maximum Allowable Extension of Due Date
STPOOU COUF !	XXXX 05/06/2015	05/07/2015	05/16/15
Justification:			2.9
GAURD	SCHEDULING	CONFLICT	5
	· .		
)/
		XIV	
		0/	
	(0)		
Prepared by:	TONKO R. JAHRIGUE C	Reit Re 05,	106/15
	Preparer/System Er	1	Date
Reviewed by:	17/11/	27	5/6/15
	Operations Center On-Du	ty Supervisor	Date
Approved by:	a		5/6/15
	Operations Mana	iger	Date

ATTACHMENT A: Per Shift Surveillance Rounds [UET] (Page 1 of 3)

ote	
Date:	
	Ć
5	
5125 31	
2	

		$4.1.1.3 \\ 4.1.2.3^{2}$				4.1.1.2 4.1.1.5 4.1.2.2 ²			3.663%		4.1.1.1		SRs	alternate l'i	whenever	Gauge re		
	IRT Tunnel AP	South basement AP	North basement AP	IFIT Facility AP	400 area laboratory PDI-852-1 or header AP PDI-852-2	300 area laboratory PDI-853-1 or PDI-853-2	100 area laboratory header AP	200 area laboratory PDI-803-1 or header AP PDI-803-2	400 area glovebox exhaust header AP	300 area glovebox exhaust header AP	100 area glovebox exhaust header AP	200 area glovebox exhaust header AP	Description	alierrate l'Dis are used.	whenever possible. Document if	Gauge readings should be taken on rack #4 in the OC.	Note	
	PDT-901 or PDI-901	PDI-854-1 or PDI-854-2	PDI-804-1 or PDI-804-2	PDI-865-4 or PDI-865-5	PDI-852-1 or PDI-852-2	PDI-853-1 or PDI-853-2	PDI-802-1 or PDI-802-2	PDI-803-1 or PDI-803-2	PDI-864-1 or PDI-864-2	PDI-870-1 or PDI-870-2	PDI-820-1 or PDI-820-2	PDI-814-1 or PDI-814-2	Gauge Acce					
	< 0.00 in. wc	< 0.00 in. wc	< 0.00 in. wc	≤-0.05 in, wc	≤-0.05 in. wc¹	≤-0.05 in. wc¹	≤-0.05 in. wc¹	≤-0.05 in. wc¹	≤-1.0 in. wc¹	≤-1.0 in. wc¹	≤1.0 in. wc¹	≤-1.0 in. wc¹	Gauge Acceptance Criteria	Initials:	Shift:	Weekday:	Date:	
											5				AM PM	Mon.		ď
-			, .												AM PM	Tue.		, , ,
-			-			W C	0		,				SURVEIL		AM PM	Wed.		
															AM PM	Thu.		
-	-10- hol-	10-	012	- 19	121	0C- N-	· 12-	יוי האני	-1,97	161- Rb1-	1.92	71.C- 20.	ANCE RESULTS	N A	AM PM	Fri.	31/15	
	101-101	012- 10	al'- 01-	- اط -	16: 02: 1	19 - 19 - 19	-12-22 - 22	190-19	197-197	-\-98	-1.91	ri 2-	8	1 P	AM PM	Sat.	2125	
	105-200 Jos	,, ©	وآر 10 اء ا	4-19-18	v. 02:-	Q2	12.	%(<u>-</u> ,	7-)96/20		19/19/19/	-2,17.2.14 2.01		N 8000	AM PM	Sun.	218	-

ATTACHMENT A: Per Shift Surveillance Rounds [UET] (Page 2 of 3)

					4.1.1.6					S Rs	and local	FMT#	using F	
fan/ plenum	Vault re- circulation	plenum	400 area re- circulation fan/	plenum	300 area re- circulation fan/	plenum	100 area re- circulation fan/	plenum	200 area re- circulation fan/	Description	and local plenum PDIs may be used if FCS is unavailable.	FMT#151,152,201LD	using FCS screens	Note
PDT-841 AP > .050	PDT-840 AP > .050 or	FR-808 Icon red and PDT-839 AP > .050	FR-807 Icon red and PDT-838 AP > .050 or	PDT-837 AP > .050	PDT-836 AP > .050 or	PDT-835 AP > .050	PDT-833 AP >.050	PDT-832 AP > .050	PDT-831 AP > .050	Readings			:	
service	At least one fan/plenum is in	service	At least one fan/plenum is in	service	At least one fan/plenum is in	service	At least one fan/plenum is in	service	At least one fan/plenum is in	Acceptance Criteria	Initials:	Shift:	Weekday:	Date:
Unsat Unsat Unsat Unsat Unsat	Sat	Unsat Unsat Unsat Unsat Unsat Unsat	Sat	Unsat Unsat Unsat Unsat Unsat	Sat	Unsat Unsat Unsat Unsat Unsat	Sat	Unsat Unsat Unsat Unsat Unsat	Sar			AM PM	Mon.	
nsat	Sat	nsat	Sat	Insat	Sat	nsat	Sat	insat	Sat			-	. P	
Jnsat	Sat	Jnsat	Sat	Jnsat	Sat	Jnsat	Sa	Unsat	Sat			AM	Tue	
Unsat	Sat	Unsat	Sat	Unsat	Sat	Insat	Sat	Unsat	Sat			PM	ē.	
Unsat	Sat	Unsat	Sat	Unsat	Sar	Unsat	Sat	Unsat	Sat	SUR		AM	×	
Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	SURVEII Sat. / U		AM PM	Wed.	
	Sat	Unsat	Sat	Unsat	Sat		Sat		Sat			AM	-	
Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sat	Insat. (circle one)		PM	Thu.	
Unsat	Sat	Unsat	San	Unsat	Sat	Unsat	Sat	Unsat	Sat	RESULTS	٦	ΑM	7.	5
Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsa	Sat	Unsat	Sat	DLTS	P	PM	Fri.	5/1/2
Unsat	Sat	Unsat	Sap	Unsa	Sat	Unsa	Sat	Unsa	Sat		3	A	ī	5/2/15
Unsat	Sat	Unsat	Sar	Unsat	Sat	Unsat	Sat	Unsat	Sab	·	P	PM	Sat.	18
Unsat	Sat	Unsat	Sat	Unsat	Sat	Unsat	Sail	Unsat	Sat	, ·	ک	AM	S	5)3/15
Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat	Sat	Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat	Sat	Unsat Unsat Unsat Unsat Unsat Unsat Unsat	(\$)	Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat	San	Unsat Unsat Unsat Unsat Unsat Unsat Unsat	San		000	PM	Sun.	2

ATTACHMENT A: Per Shift Surveillance Rounds [UET]

(Page 3 of 3)

		-	4.1.1.4 < has		SRs De		be used if necessary. Document any alternate PDIs used	the OC when possible, local PDI equivalents may	:
		and 400	38 6 7	Glovebox exhaust	Description		ıry. Documen	should be tak ble, local PDI	Note
	400 Arca	300 Arca	100 Area	200 Area	Area		t any alter	(en on rac equivaler	
Complet	PDI-864-2 PDI-852-2 PDI-854-2	PDI-870-2 PDI-853-2 PDI-854-2	PDI-820-2 PDI-802-2 PDI-804-2	PDI-814-2 PDI-803-2 PDI-804-2	Gauge		mate	ok #4 in its may	
Completion Time	PDI-864-2 PDI-852-2 PDI-864-2 < PDI-852- PDI-854-2 2 < PDI-854-2	PDI-870-2 PDI-853-2 PDI-854-2 PDI-854-2	PDI-820-2 PDI-802-2 PDI-802-2 PDI-804-2 PDI-804-2	PDI-814-2 PDI-803- PDI-803-2 PDI-804-2 PDI-804-2	Acceptance Criteria	Initials:	Shift:	Weekday:	Date:
	Sat Sat Sat Sat Sat Sat Unsat	Sat Sat Sat Sat Sat Sat Unsat	Sat Sat Sat Sat Sat Sat Unsat	Sat Sat Sat Sat Sat Sat Unsat			Μ	Mon.	
	Sat Jnsat U	Sat Unsat	Sat Jusat (Sat Jnsat	8		ž	,,	
	Sat	Sat Insat U	Sat Jnsat (Sat Jnsat			×	Tue.	
	Sat Unsat	Sat Jnsat t	Sat Jnsat	Sat Unsat		ļ	ž	,,,,	
	Sat Jnsat	Sat Jnsat	Sat Jnsat	Sat Jnsat	SURVE Sat./		× ×	Wed.	
	Sat Unsat	Sat Jnsat	Sat Unsat				PM	d.	
	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	LLAN Insat.		Ν	Thu.	
	Sat Unsat	Sat Unsat	Sat Unsat	Sat Unsat	CE R		PM	ŭ.	
ors	(Sat) Unsat	San	(Sat) Unsat	Sat Sat Unsat Unsat	ILLANCE RESULTS Unsat. (circle one)	u	ΛM	Fri.	5115
1930	(Sat) Unsat	(Sat) Unsat	(Sat) (Say) Unsat Unsa	Sat Unsat	TS	2	PM	ni.	01
ous	(Sat) Unsat	Sat Unsat	(Sa) Unsat	(Sat) Unsat		\mathcal{M}	MA	Sat.	5,12
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روعی	Unsat	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	j	Cerd	Md .	Sun.	5

Note: ¹ Mode 2 acceptance criteria is < 0.00 in. wc Note: ² SRs 4.1.2.x only apply during mode 2 in accordance with LCO 3.1.2.

Completed by: D1 7_0 Date 5/3/5 Time 1930 Reviewed by:

On-duty Supervisor

Date: 14/15 Time:

Comments:

8

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 1 of 4)

SR 4.4.1.1, The OPERABILITY acceptance criterion for this surveillance is:

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). The FLAMMABLE GAS detector in the FSTF FLAMMABLE GAS SOURCE storage cabinet is exposed to the ambient atmosphere in the

			4.4.1.1	SR				
	(LCD Reading) (LED Reading)	(DET-305-3) - (CP-305H)	CP-305-H (LED Reading)	Flammable Gas Channel Check DET-305-3 (LCD Reading)	Description / Gauge		524	8
Completion Time:	≥-0.1; ≤+0.1	Record Calculated Value		N _A	Acceptance Criteria	initials:	Weekday:	Date:
	Sat. / Unsat.			6			Mon.	
	Sat. / Unsat. Sat. / Unsat. Sat. / Unsat.		0		,,		Tue.	
	Sat. Unsat.				SURVEILLAN		Wed.	
	Sat. / Unsat.				CE RESULTS		Thu.	
0805	Sat. / Unsat. Sat) / Unsat. Sat) / Unsat.	0.0	0.0	0,0	CE RESULTS (percentage)	Our	Fri.	5/1/15
20803	(Sat) / Unsat.	0,0	0.0	0.0		27	Sat.	5-2-15
0800	Sat / Unsat.		0	0		77	Sun.	5-3-15

Surveillance Kounds ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side)[UET] (Page 2 of 4)

$\overline{}$			Τ-				т-			_				_	-	T		1	1			\neg
		4134			4.1.3.4			110.1				4.1.3.4		4.1.204	2		4.1.3.4) SKS				
(FF859) AP	exhaust filter plenum	300 area special recovery glovebox		(FF855) AP	300 area glovebox		(FF858) AP	exhaust filter plenum	300 area special		(FF854) AP	300 area glovebox		810) AP	South Corridor supply (HVP-	(HVP-841) AP	South basement	Description				
PDI-821-4	PDI-821-3	PDI-821-1	PD1-818-5	PDI-818-4	PDI-818-2	1PDI-818-1	PDI-819-4	PDI-81 9-3	PDI-81 9-1	PDI-817-5	PDI-817-4	PDJ-817-2	1-718-10d,	PDI-895-2	1-895-I	PDI-894-2	¹ РD1-894-1	Gauge		ç		į
$\leq 2.0 \& > 0^{1}$ in. wc	$\leq 2.0 \& > 0^{1} \text{in. wc}$	≤2.0 & > 0 ¹ in. wc	<2.0 & > 01 in. wc	≤2.0 & > 0 ^t in. wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	≤2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	≤2.0 & > 0 ⁴ in. wc	<2.0 & > 0 ¹ in. wc	<2 0 & > 0 ^t in. wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	<2.0 & > 0¹ in. wc ◀	<2.0 & > 01 in. wc	<2.0 & > 01 m, we	≤ 2.0 & > 0¹ in. wc	<2.0 & > 0 in. wc	≤2.0 & > 01 in. wc	Acceptance Criteria	Initials:	Weekday:	Date:	
												>								Mon.		
								<u> </u>	S					c						Tue	12	
																		SURV		Wed.		
									3									SURVEILLANCE RESULTS		Thu.		
.39	.53	.40	.30	. 32	. 35	.78	57.04	VELES	5731	46.45	STOY	57134	5701	85	.09	75.	.07	ESULTS	m	3	5/1/15	
, 39	. 45	۰ 40	.30	. 72	. 32	. 26	5784	<7.8Y	STBY	5784	5784	STR'	STRY	- 5 A	. 09	93	x C		77	Sat.	5-2-15	
000	24.	. 40	.30	. 32	, 32	. 28	5787	STRY	5784	STRY	CTRV	STBV	9 3 4 4	65.	.09	5 0			77	Sun.	5-3-15	

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET] (Page 3 of 4)

300 area re-circulation filter plenum	т-			filter	300 area r		4.1.3.4 filter			(FF	4.1.3.4 400 arc			exnaust (FF)	4.1.3.4 400 are		SRs Des				
2007 100	filter plenum	e-circulation		filter plenum	300 area re-circulation		filter plenum	South Basement exhaust		(FF857) AP	400 area glovebox			exnaust litter pienum (FF856) AP	400 area glovebox		Description				
PDI-837-3	PDI-837-2	¹ PDI-837-1	PDI-836-3	PDI-836-2	PDI-836-1	PDI-830-3	PDI-830-2	lpDI-830-1	PDI-823—5	PDI-823-4	PDI-823-2	¹pDI-823-I	PDI-822-5	PDI-822-4	PDI-822-2	'PDI-822-I	Gauge			,	
$<2.0 &>0^{1}$ in. wc	$\leq 2.0 \& > 0^{1}$ in. wc	≤2.0 & > 0 ¹ in. wc	≤2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	≤2.0 & > 0 ¹ in, wc	≤2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^{1}$ in. wc	≤2.0 & > 0 ¹ in. wc	≤2.0 & > 0 ⁴ in, wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	<2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	≤2.0 & > 0¹ in, w¢	<2.0.& > 0 ¹ in. wc	$<2.0 & > 0^{1}$ m, wc	<2.0 & >0' in. wc	Acceptance Criteria	Initials:	Weekday:	Date:	
					222						× >>								Mon.		(Fage 5 of 4)
							. (S			1 2								Tue.		or 4)
6			İ														SURVI		Wed.		
		<						· ·									SURVEILLANCE RESULTS (in. we)		Thu.		
95	.40	.50	<i>S</i> 2	95.	.97	82.	٦.	.89°	3784	57.88	STIBY	1013	.45	.41	.50	.25	SULTS	Ma	Fri.	s/,/15	
70	141	. 50	. 52	. 58	, 67	, 28	,3/	. 69	ST8Y	STBY	5784	5 7 8 7	. 45	,41	. 50	. 75		PT	Sat.	5-2-15	
3	. 4)	. 50	. 52	.58	, 97	.28	0 2. '	, 69	5784	STBY	5784	STAY	545	,41	. 50	.76		797	Sun.	5-3-15	

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET] (Page 4 of 4)

Non TSR tenuntiment	OC			4.1.5.4				4 1 4				4.1.1.7			SRs			
amont.	OC Operator Review and Page Count Complete (initials)			plenum	South Bleed off filter		plenum (FF-822A) AP	South Bleed off filter		filter plenum	400 area re-circulation		filter plenum	400 area re-circulation	Description			
	age Count Comp		PDI -811 -3	PDI -811 -2	1-118-1Gd ₁	PDI-810-3	PDI-810-2	1-018-1Cld1	PDI-839-3	PDI-839-2	¹PDI-839-I	PDI-838-3	PDI-838-2	¹PDI-838-1	Gauge			
	olete (initials)	Completion Time	≤2.0 & > 0¹ in. wc	≤2.0 & > 0 ¹ m, wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	<2.0 & > 0 in. wc	<2.0 & > 0 ¹ in. wc	≤2.0 & > 0 ¹ in. wc	≤2.0 & > 0¹ in. wc ◆	≤2.0 & > 0¹ in. wc	<2.0 & > 01 in. wc	<2.0 & 01 in, ws	≤2 0 & > 0 in, wc	≤2.0 & < 0¹ in. wc	Acceptance Criteria	Initials:	Weekday:	Date:
																	Mon.	
						3			*								Tue.	
															SURV		Wed.	
															SURVEILLANCE RESULTS (in, we)		Thu.	
B	3	4580	2h	84.	11,	off.	off.	££6	.55	.59	. y3	.50	:51	-49	ESULTS	In	Fri	5/1115
	or L	0754	. 45	44	,	770	740	OFT	. 53	65.	h4 '	. 50	, 5,	84		74	Sat.	5-2-15
	9 2	0802	. 48	317.	, ,	230	9 7 7	075	. 53	,59	, 44	. TO	У	9 11		75	Sun.	5-3-15

Non 15K requirement:

Note: SR 4.1.1.7 applies during mode 1 as stated in LCO 3.1.1. SRs 4.1.3.X apply during mode 1 and mode 2 as stated in LCO 3.1.3.

Completed by:
Pand Lugulla Date
5-3-15 Time 0802
Reviewed by:

Comments

On-May Supervisor Date: 5/4/15 Time: 1380

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

(Page 1 of 4)

		4.1.5.4			1										4.1.1.7				SRs				
		plenum (FF-820B) Al ³	North Bleed off filter	(FF-020X) (A)	plenum			filter plenum (HVP-802) AP	200 area re-circulation		filter plenum	200 area re-circulation		filter plenum	Vault re-circulation	,	fitter plenum	Vault re-circulation	Description				
	PDI-809-3	PDI-809-2	I-808-IGd ₁	PDI-807-3	PDI-807-2	PDI-807-1	PDI-832-3	PDI-832-2	¹PDI-832-I	PD1-831-3	PDI-831-2	PDI-831-1	PDI-841-3	PDI-841-2	'PDI-841-1	PDI-840-3	PDI-840-2	¹ PD1-840-1	Gauge				
	<2.0 & > 0 in, wc	≤2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	$\leq 2.0 \& > 0^1 \text{ in. wc}$	<2.0 & > 0 in. wc	≤2.0 & > 0¹ in. wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	≤2.0 & > 0¹ in. wc	<2.0 & > 01 in. wc	<2.0 & > 01 in. wc	<2.0 & > 01 in, wc	<2.0 & > 01 in. wc	<2.0 & > 01 in. wc	<2.0 & > 01 in, wc	<2.0 & > 0 in wc	≤2.0 & > 01 in. wc	2.0 & > 0 in wc	<2.0 & 0' in. wc	Acceptance Criteria	Initials:	Weekday:	Date:	
10					it.								× O								Mon.		(1 10 1 7911)
									\$	Ö											Tue.		(1)
																			SURV		Wed.		
				<	<														SURVEILLANCE RESULTS (in. wc)		Thu.		
	- 26.	8	.07	346	3.76	o FF	53.	60	ਹ	45.	.40	33	5724	5701	(BZ)	.50	،۶۲	. 16	ESULTS	m	Fri.	5/1/15	
	П	,5/	,07	OFF	OFF	499	.55	- 60	\$2,	. 34	.40	, 33	STRY	STRY	STRY	.50	. 56	. 16		PT	Sat.	5-2-15	
	r r	51	7.0.	OFF	076	240	.5'5	مط،	,33	.311	40	.73	578Y	STBY	5784	, 50	.58	. 16	•	27	20	5-3-15	

Surveillance wounds ATTACHMENT B-2: Daily Surveillance Rounds (PF-4 North Side) [UET] (Page 2 of 4)

		4.1.3.4				4.1.3.4					4.1.1.7				4.1.3.4		SRs			
	(FF853) AP	100 area glovebox			(FF852) AP	100 area glovebox			filter plenum (HVP-804) AP	100 area re-circulation		filter plenum	100 area re-circulation		filter plenum (FF-828)	North Basement exhaust	Description			
PDI-816-5	PDI-816-4	PDI-816-2	¹ PDI-816-1	PD1-815-5	PDI-815-4	PDI-815-2	'PDI-815-1	PDI-835-3	PDI-835-2	'PD1-835-I	PDI-833-3	PDI-833-2	¹ PDI-833-1	PDI-829-3	PDI-829-2	¹PD1-829-1	Gauge			
<2.0 & > 01 in. wc	$\leq 2.0 \& > 0^{1} \text{ im. wc}$	$<2.0 \& > 0^{1}$ in. wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	≤2.0 & > 0¹ in. wc	≤2.0 & > 0 ¹ in. wc	<2.0 & > 01 in. wc	≤2.0 & > 0 in. wc	≤2.0 & > 0 ¹ in. wc	≤2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^{1}$ in. wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	≤2.0 & > 0 ¹ in. wc	≤2.0 & > 0 ¹ in. wc	≤2.0 & > 0¹ in. wc	2.0 & > 0 in wc	2.0 & 01 in. wc	Acceptance Criteria	Initials:	Weekday:	Date:
											S S								Mon.	
							\$.(Ö											Tue.	
					(1							- 22				SURV		Wcd.	
																222	SURVEILLANCE RESULTS		Thu.	
1872	57.04	SYBY	1878	.40	.38	42	./9	.42	.44	./6	. 45	.4%	>1.0	.29	.32	./3	ESULTS	Ju	Fri	5/1/15
5784	57BY	57BV	STBY	. 40	38	۲4.	,20	. 42	5 h	.16	. 445	. 47	>1.0	٥٤.	. 3 6	. 15		PT	Sat.	5-2-15
STBY	STRY	STRY	5784	44	, . 8	, 42	,20	. 42	24.	. 16	- 45	.47	71,0	. 30	. 29	, 15	,	7.5	Sun.	5-3-15

Surveillance rounds ATTACHMENT B-2: Daily Surveillance Rounds (PF-4 North Side) [UET] (Page 3 of 4)

i			T			Т					Т					т —	_		
	4.1.0.4	131		4	1114			10.00	1 1 1	55			1			SRs			
	(HVP-863) AP	filter plenum		(FF-865) ΔP	fitter plenum				(FF851) AP	200 area glovebox				(FF850) AP	200 area glovebox	Description			£8
	PDI-863-2	¹ PDI-863-1	PDI-865-3	PDI-865-2	1PDI-865-1	PDI-813-5	PDI-813-4	PDI-813-3	PDI-813-2	¹ PDI-813-1	PDI-812-5	PDI-812-4	PDI-812-3	PDI-812-2	¹ PDI-812-1	Gauge			
	<2.0 & >01 in. wc	<2.0 & > 0 in. wc	≤2.0 & > 0 ¹ in. wc	≤2.0 & > 0 ¹ in, wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$<2.0 \& > 0^{1} \text{ m. wc}$	$<2.0 \& > 0^{1}$ in. wc	<2.0 & > 01 in. wc	$<2.0 \& > 0^{1}$ in. we	<2.0 & > 0 n wc	$\leq 2.0 \& > 0^{1} in, wc$	<2.0 & > 01 in. wc	$<2.0 &>0^{1}$ in. wc	$\leq 2.0 \& > 0^{1}$ in. wc	Acceptance Criteria	Inicials:	Weekday:	Date:
							5	~										Mon.	¥.
		Çā		<u> </u>	C													Tue.	
			S													SURVI		Wed.	
														:		SURVEILLANCE RESULTS		Thu.	
	78	. 26	.39	.32	.04	STBY	STBY	573 Y	STRY	S70 V	. 36	-35	36	.36	.16	ESULTS	gra-	Fri	5/1/15
100	26	٠ ٢٥ م	,46	. 32	40	578Y	5784	STBY	5784	4875	1.3/	.36	-36	> 2 5 ,	. 16		PT	Sat.	5-2-15
	, 20	.05	141	718.	НО	STRY	57BY	STRV	5784	STBV	٥٤ ،	. 36	75.	35			77		5-3-15

Surveillance rounds ATTACHMENT B-2: Daily Surveillance Rounds (PF-4 North Side) [UET] (Page 4 of 4)

Note: SR 4.1.3.4 applies during mode 1 and mode 2. Completed by: fall Lighte Date 5-3-15 Time 6805 Reviewed by: On-duty Supervisor	Operator Review and Page Count Complete (initials))))	4.3.2.2 Rooms 201, 204, 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	Sper	(HVP-809) ΔP PDI-856-2 ≤2.0 & > 0 ¹ in wc	pply 1PD1-856-1 ≤2 0 & > 0 in. wo	North Basement supply PDI-857-1 ≤ 2.0 & 0 ¹ in. wc	SRs Description Gauge Acceptance Criteria SURVEILLANCE RESULTS	Initials:		Date: 5///5 5-2-15 5-	(- CD - · · · ·)
-	?		N A T	<u>ر</u> د	5 5 5				14	Sun.		

Comments: _

ATTACHMENT A: Per Shift Surveillance Rounds [UET] (Page 1 of 3)

			_		-			_					_		_		
	4.1.1.3 4.1.2.3 ²				4.1.1.5 4.1.2.2 ²					4.1.1.1 4.1.2.1 ²		SRs	anta nate i	whenever	taken on)	
IRT Tunnel AP	South basement AP	North basement AP	IFIT Facility AP	400 area laboratory header AP	300 area laboratory header AP	100 area laboratory header AP	200 area laboratory header AP	400 area glovebox exhaust header AP	300 area glovebox exhaust header AP	100 area glovebox exhaust header AP	200 area glovebox exhaust header AP	Description	alcillator i Disarcuser.	whenever possible. Document if	taken on rack #4 in the OC.	Note	
PDT-901 or PD1-901	PDI-854-1 or PDI-854-2	PDI-804-1 or PDI-804-2	PDI-865-4 or PDI-865-5	PDI-852-1 or PDI-852-2	PDI-853-1 or PDI-853-2	PDI-802-1 or PDI-802-2	PDI-803-1 or PDI-803-2	PDI-864-1 or PDI-864-2	PDI-870-1 or PDI-870-2	PDI-820-1 or PDI-820-2	PDI-814-1 or PDI-814-2	Gauge Acce			į		
< 0.00 in. wc	< 0.00 in. wc	< 0.00 in. wc	≤-0.05 in. wc	≤-0.05 in. wc¹	≤-0.05 in. wc¹	≤-0.05 in. wc¹	≤-0.05 in. wc¹	≤-1.0 in. wc¹	≤-1.0 in. wc¹	≤-1.0 in. wc¹	<-1.0 in. wc	Acceptance Criteria	Initials:	Shift:	Weekday:	Date:	
102	3	2	519	21	-20	2	-20	-196	-1.98	-193	209		R	A	3	21.40.50	
0,10	20.00	0,0	,0,1 A	16.0	at o	D, 23	2,50	Ţ	25		207		13)	PM	Mon.	4.15	
.jo	04	, 09	-19	120	益	12'	81.	19	23	191	-207		B	ΑM	7	05.0	
0,0	0,00	و ن	19,19	0.40	0,10	رة 0	0.18	1/25	ابي	19	12.00		18	PM	Tue.	05.05.15	
Fal-	. a	عاز -	-19	-21	12.	- 22	19	1.97	-121		-207-2.01 -2.06	SUE	2	AM	€-	N	
, og /	,08	1,00	21.18	·p	123	્રેટ ફ	100	Nigo	750	1.8	707	SURVEIL	245 CF86	PM	Wed.	6 15	
'هي	DK	30'-	-19	-119	1	-20	91:-	-1:49	1.99	1.91	201		4	ΑM	7	2	
201.	10	10	51:	-)	19	-22	-19	467-		-[9]	1 -201	LANCE RESULTS (in. wc)	R	PM	Thu.	15	
1007	18	- OG	100	1	12	722	-19	198-1-97-1.99	199	191	207	RESI	BC	ΑM	77	8	
111-1102	10	01.7	719	رو	-20	-,23	-,20	-1,99	-1 qc1	- :91	-209	JLTS	H	AM PM	Fri.	05-08-15	
500.	go:		519	ا <u>ت</u>	. <u>8</u>	-21	S -	- 197	-149	CBH 161- Thi-	207		28		S	05.0	
1,037	,07	(0)	<u></u>	21.78	-18	~. 2)		-1,96		1,92	207		4	AM PM	Sat.	21.80.30	
260.	07	<u>Lo.</u>	-19	3	-18.79	.2	-19	1.97	-1-98	-1.92	-2.04		es S	ΑM	S	8.	
-095,072 -676 D, 100	0.09	0,10	2,70	6,2	121	(J.B.)	-10, 19	12	96	19(8,07-2.04 206	(14	AM PM	Sun.	05.10.15	10.00
61	12. Tel	iir						للحد	U- 1		-17	· · · · · · ·	J				ä

ATTACHMENT A: Per Shift Surveillance Rounds [UET] (Page 2 of 3)

					4.1.1.6	33.	2 <u>11</u> 8			SRs	and local pk be used if Fo	FMT#151	Readings should busing FCS screens	:
fan/ plenum	Vault re-	plenum	400 area recirculation fan/	plenum	300 area re- circulation fan/	plenum	100 area re- circulation fan/	plenum	200 area re- circulation fan/	Description	and local plenum PDIs may be used if FCS is unavailable.	FMT#151,152,201LD	Readings should be taken using FCS screens	Note
FR-812 Icon red and PDT-841 AP > .050	FR-811 Icon red and PDT-840 AP > .050 or	FR-808 Icon red and PDT-839 AP > .050	PDT-838 AP > .050 or	FR-806 Icon red and PDT-837 AP > .050	FR-805 Icon red and PDT-836 AP > .050 or	PDT-835 AP > .050	PDT-833 AP > .050	PDT-832 AP > .050	PDT-831 AP >.050	Readings				
	At least one fan/plenum is in	service	At least one fan/plenum is in	service	At least one fan/plenum is in	service	At least one fan/plenum is in	service	At least one fan/plenum is in	Acceptance Criteria	Initials:	Shift:	Weekday:	Date:
Unsat Unsat Unsat Unsat Unsat	(Sa) (Sat	Unsat Unsat Unsat Unsat Unsat	Sar Say	Unsat Unsat Unsat Unsat Unsat Unsat	Sat Sar	Unsat Unsat Unsat Unsat Unsat	Sat Sar	Unsat Unsat Unsat Unsat Unsat	(S)		8	AM PM	Mon.	21.40:50
sat Uns	(A)	sat Uns		sat Uns		sat Uns		sat Un:	Sap Sap		04	M M	_	<u> </u>
atUns	(Age)	at Uns	<u>₽</u>	at Uns	Sa	at Uns	(S)	sat Uns	Sat		3	M PM	Tue.	05.95.15
at Uns	San	at Unsi		at Unsi	Sat	at Unsa	SE	at Uns	S	SU	3	M M		3/5
ıt Unsa	Sat	ıt Unsa	(S)	t Unsa	Sat	at Unsa	(E)	at Unsa	Sat	SURVEII Sat. / U	980	1 PM	Wed.	N
	Sat	_	S	_	Sar		Say		Sar		7	ΝA	 	2
Unsat		Unsat	Sag	Unsat	Sat	Unsat	(E)	Unsat	Sat	LANCE RESULTS	P	PM	Thu.	3
Unsat	Say	Unsat		Unsat	Sat	Unsat	Sat	Unsat	(Sa)	RESU cle on	Es.	AM	Fri.	85.6
Unsat	Sar	Unsat	Sai	Unsat	(83)	Unsat	4	Unsat		LTS e)	3	PM	:	05.08.15
Jnsat	(sac)	Jnsat	Sag	Jnsat	San	Unsat	(<u>a</u>)	Unsat		v	80	AM	Sat.	21-90-30
Jnsat L	(SES))nsat L	Sat	Insat	Sat	Jnsat	(SE)	Jnsat (SEX X		8	PM .		,
Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat	(F)	Insat Unsat Unsat Unsat Unsat Unsat Unsat Unsat		Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat		Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat		Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat			66	MA	Sun.	R
Insat	(Sat	insat	(SE)	Insat	Sat	Insat	Sar	Insat	(E)		13	PM	٠ -	5

Surveillance Rounds ATTACHMENT A: Per Shift Surveillance Rounds [UET] (Page 3 of 3)

						SP.1)	(rage 5 of 5)										
	Note			0	Date: 65	51-40-50		S1-54:50	5	7	1/5	3	21-60-50	,	21-10/50		05-10-15	۲
Gauge readii	Gauge readings should be taken on rack #4 in the OC when possible, local PDI equivalents may	ken on rad Leguivaler	ck #4 in	Weekday:		Mon.		Tue.	£	Wed.	Thu.	F	Pri.	\rightarrow	Sat.		Sun.	
be used if nec	be used if necessary. Document any alternate	nt any alter	mate	s	Shift: AM	Md	MA I	PM	MV	Md	WV	Me	Ν	PM	×	ž	MA.	Z
T Dis used.				liut	Initials: B	<i>C</i>	W.	1	2	Desc.	لا	P	B	4	49	(C	4	13
SRs	Description	Area	Gauge	Acceptance	e	7	Ì	6	SU		LLANCE RESULTS	CER	ESUL	太		4		<u></u>
			0F3 614 7	Criteria		┑ .	_	┥ .			7:	(Circ	eone					1
<u> </u>	Glovebox exhaust header APs	200 Area	PDI-814-2 PDI-803-2 PDI-804-2	PDI-814-2 < PDI-803- 2 < PDI-804-2		(Sat) (Sat) (Sat) (Sat) (Sat) (Sat) (Sat) (Mari Unsat) (M	or Coap	Sau Unsat	(Sg)		Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat	Sat Sat Unsat Unsat		Sage (Sage (TE (A)	Unsat (Unsat L	nsat V
4.	< baburatory Al's < basement APs for areas 100, 200, 300	100 Area	PDI-820-2 PDI-802-2 PDI-804-2	PDI-820-2 < PDI-802- 2 < PDI-804-2		Sat Sat Sat (Sat) Sat Unsat Unsat Unsat	at Unsai	Sat Unsat	(Sat)		(Sat Sat Sat Sat Sat Sat Sat Unsat U	(Sat) Unsat	Sat	Sat	nsat	(Sat) Unsat	Unsat	onsat Sat
	and 400	300 Area	PDI-870-2 PDI-853-2 PDI-854-2	PDI-870-2 < PDI-853- 2 < PDI-854-2		Unsat Unsat Unsat Unsat Unsat Unsat	San Unisan	Saturnsat	(Say)		(Sat Say (Sat) Say (Sat) Sat Unsat U	(Sal) Unsat	Unsat	Sat Unsat	Omsat l	Unsat	T)	nsar (Sp.
1		400 Area	PDI-864-2 PDI-852-2 PDI-854-2	PDI-864-2 < PDI-852- 2 < PDI-854-2	-852- Sat 2 Unsat	Sat) (Sat) (at Unsat	Unsa	(Sgr) Unsat	(Sat- Unsat	(Sat) Unsat	Sat Unsat	Sal)	(Sat- Unsat	Unsat (Sat Unsat	(Sat) (Sat)	nsat
	1		Comple	Completion Time	0125		A Shores	1921	S S	1930	0736	1930°	0732	\$	0,50	1930 026		38%
Note: 1 Mode 2 acceptance	₹ ;	0.00 in.w	riyana iso 0.00 in. we- dyriyag glode I'lli accordance with LCO 3.1.2	LCO 3.1.2.			Z.				Á						-	S
Completed by:	8	Date 5/1	Wilme	12%	Reviewed by:	8	On-duly Supervisor	Super	Dat 	Danci Str	A CO	Time:	CIL					
Comments:												K						

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 1 of 4)

SR 4.4.1.1, The OPERABILITY acceptance criterion for this surveillance is:

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). The FLAMMABLE GAS detector in the FSTF FLAMMABLE GAS SOURCE storage cabinet is exposed to the ambient atmosphere in the

			4.4.1.1	SR				500	
	(LCD Reading) (LED Reading)	(DET-305-3) - (CP-305H)	CP-305-H (LED Reading)	Check DET-305-3 (LCD Reading)	Flammable Gas Channel	Description / Gauge			
Completion Time:	≥-0.1; ≤+0.1	Record Calculated Value		N		Acceptance Criteria	Initials:	Weekday:	Date:
0835	Sat. Unsat.	0,0	0.0	0.0	>		75	Mon.	5-4-15 5/2015
0743	Sat.) Unsat. (Sa) / Unsat.	0.0	0.0	0		500	2F-	Tue.	5/5/2015
p831	Sat Vinsat.	0.0	0.0	0.0		SURVEILLAN	75	Wed.	5.6.15
0830	1	0.0	0.0	0.0		CE RESULTS (percentage)	ln	Thu.	5/1/15
6814	Gat/ Unsat.	0.0	0.0	0.0		S (percentage	ph	Fri.	5.8.15
0836	Say/ Unsat. Say/ Unsat. Say. / Unsat. (Sat) / Unsat.	0,0	0.0	0,0		(do d	Sat.	cs-09-15 5/10/2018
0837	(Sat) / Unsat.	0.0	0,0	0.0	ã g		ton	Sun.	5/10/2015

Surveillance Kounds ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side)[UET] (Page 2 of 4)

		4134			4.1.3.4							4.1.3.4		4:10:4	i.		4.1.3.4	SKS				
(FF859) AP	exhaust filter plenum	300 area special recovery glovebox		(FF855) AP	300 area glovebox		(FF858) AP	exhaust filter plenum	300 area special		(FF854) AP	300 area glovebox		810) AI ³	South Corridor supply (HVP-	(HVP-841) AP	South basement	Description				
PDI-821-4	PDI-821-3	PDI-821-1	PDI-818-5	PDI-818-4	PDI-818-2	¹ PDI-818-1	PDI-819-4	PDI-81 9-3	PDI-81 9-1	PDI-817-5	PDI-817-4	PDI-817-2	PDI-817-1	PDI-895-2	PDI-895-1	PDI-894-2	¹ PDI-894-1	Gauge				
≤2.0 & > 0 ¹ in. wc	≤2.0 & > 0 ¹ in. wc	≤2.0 & > 0¹ in. wc	≤2.0 & > 0¹ in. wc	≤2.0 & > 0¹ in. wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	<2 0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^1$ in. we	≤2.0 & > 0 ¹ in. wc	≤2.0 & > 0 ^t in. wc	≤2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^{1}$ in. wc	$\leq 2.0 \& > 0^4 \text{ in. wc}$	$\leq 2.0 \& > 0^1 \text{ in. wc}$	<2.0 & > 0 ^t in, wc	≤ 2,0 & > 0 ^t in ,wc	2 0 & > 0 in. wc	\$2.0 & > 01 in. wc	Acceptance Criteria	Initials:	Weekday:	Date:	
. 39	.44	. Ho	.30	.32	. 32	. 28	STBY	STRV	STRY	STBY	STBY	5 7 RV	5 7 8 X	59	. 10	.56	. 07		PT	Mon.	5-4-15	
. 4o	.45	٠٢٥	. 31	.33	. 33	. 28	5784	STBY	STBY	STBY	STBY	STBY	STBY	. 59	3	. 56	.07		BF	Tue.	5/5/2015	
0 140	145	oh.	0 2 .	,32	, 32	. 28	57.RY	VATS	STAY	578Y	5784	ミナ おケ	421.5	, 59		55'	,07	SURV	74	Wed.	5.6.15	
.39	. 94	. 40	.30	. 33	, ye	28	5764	57.84	4875	YATE	STBY	4873	STBY	.59	.09	55.	.07	SURVEILLANCE RESULTS (in. we)	In	Thu.	5/2/15	
.40	, 45	.40	.30	. 33	, 3 %	, 28	STBY	5764	5784	1825	5704	5747	1973	,59	.09	.35	80.	ESULTS	ah	Fri.	5.8.15	
Ė	7	É	38	נג נג	. 34	₩,	SH5,	Stby	SHav	Sthv	St.	SHOV	ritor	is l	9	נט) א	. Of		V. (2)	Sat.	75/0°4145	
. 39	- 44	. B	, 30	.32	. 35	. 28	5784	५७७५	STBY	STBY	5784	5784	5784	2,	B	h.S.	.07	_	帮	Sun.	5/10/15	

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET] (Page 3 of 4)

4.1.3.4	4.1.3.4	4.1.3.4	4.1.3.4	4.1.3.4	4.1.3.4	4.1.3.4					4.1.3.4				4.1.3.4		SKs		<u>-</u> .		
(HVP-806) AP	filter plenum	300 area re-circulation		filter plenum	300 area re-circulation		filter plenum	South Basement exhaust		(FF857) AP	400 area glovebox exhaust filter plenum			(FF856) AP	400 area glovebox		Description				
	PDI-837-2	PDI-837-1	PDI-836-3	PDI-836-2	¹PD1-836-1	PDI-830-3	PDI-830-2	PDI-830-1	PDI-823—5	PDI-823-4	PDI-823-2	¹PDI-823-I	PDI-822-5	PDI-822-4	PDI-822-2	¹PDI-822-1	Gauge				
< 0.0 > 0.1 in use	<2.0 & > 01 in. wc	≤2.0 & > 0 ¹ in, wc	<2.0 & > 01 in. wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	<2.0 & > 0 in. wc	$\leq 2.0 \& > 0^1$ in. wc	<2.0 & > 01 in. wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	<2.0 & > 01 in. wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	<2.0 & > 01 in, wc	$\leq 2.0 \& > 0^1 \text{ in, wc}$	<2.0 & > 01 m, we	<2.0 & > 01 in, we	2.0 & > 0 hg. wc	≤20 & > 01 in. wc	Acceptance Criteria	Initials:	Weekday:	Date:	
j Y	- 41	.50	.52	1 58	. 97	- 28	. 30	69	572 Y	878 W	XX15	STRU	44	. 41	150	.76		79	Mon.	5-4-15	T ago J OI +
	. £	. 50	.53	١.٤٠	76.	.28	. 30	.69	STBY	STBY	STBY	STBY	.46	14.	.5	.75		T T	Tue	5/5/2015	1 +)
. 30	/4/	, 50	. 52	851	.47	2 8	.v	169	5784	STBY	STBY	STRY	54,	, 41	, 50	. 75	SURV	27	Wed.	5-6-15	
A D	.41	So	£ 5.	.56	97	18	. 31	.69	3787	5781	STAY	5734	. 45°	-42	.50	.75	SURVEILLANCE RESULTS (in. we)	an	Thu.	5/2/15	
24	14.	,51	.54	45.	. 94	. 28	.36	.68	STRY	STBY	57.81	STBY	:45	. 42	. 50	.76	ESULTS	W	Fri.	5.8.15	
70	, ५0	, 5 Q	. 54	-56	.47	36	37	5,	(4km)	540	CHAZ	SHBY	ξ,)	Ţ	50	t		TH W	Sat.	DS/BGV5	
299	,40	,50	hS′	75.	.97	. 27	8	7س	578Y	STBY	STBY	STBY	Sh.	14.	02,	.75		H	Sun.	5/10/1	

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET] (Page 4 of 4)

			(Lage 4 01 4)	11 4)		i			
		Date:	S-H-15	5/5/2015	3-6-15	2/1/18	5.8.15	02/04/5	5/10/15
		Weekday:	Mon.	Tue.	=	Thu.	3	Sat.	Sun.
		Initials:	74	9F	27	Au	She	× € €	发
SRs Description	Gauge	Acceptance Criteria			SURVI	SURVEILLANCE RESULTS (fin. wc)	SULTS		
400 area re-circulation	1-838-1	≤2.0 & >01 im. wc	, 48	84.	8 4 6	34	" Total	44	747
Siter plenum	PDI-838-2	<20 & >01 nn, wc	. 5/	.51		5)	.52	5	, ,
4.1.1.7	PD1-838-3	≤2.0 & 01 in. wc	0	. 50	. 50	52	.50	,5Ø	(S)
400 area re-circulation	¹PDI-839-1	<2.0 & > 0 m, we	54.	.44	44	Ė	. 49	.E.	, c
filter plenum	PDI-839-2	<2.0 & > 01 in. wc	n oq	.59	. 59	.প্ৰ	,59	ડ્ય	,59
	PDI-839-3	<2.0 & > 0 in. wc	. 5.S	.55	.54	.53	155	.55	,56
South Bleed off filter	l-bDI-810-1	≤2.0 & > 01 in, wc	077	OFF		04		3 另(6.书
plenum (FF-822A) AP	PDI-810-2	<2.0 & > 01 in. wc	340	0 7 7	230	\$\$\$		25C	OFFE
	PDI-810-3	$\leq 2.0 \& > 0^{1}$ in. wc	230	OFF	230	0 -11 F	220	Off	3 TP
South Bleed off filter	1-118-10d	≤2.0 & > 0 ¹ in. wc	S 11	.11		. 11	."	-/-	, 12
4.1.3.4 plenum	PDI -811 -2	$\leq 2.0 \& > 0^{1} \text{ in. wc}$, 45	.46	54.	5	, 45	F	÷.
	PDI -811 -3	<2.0 & > 0 ¹ in. wc	, 4 S	84.	48	8 h	. 46	라.	ų a
		. Completion Time	O & 55	0820	0627	0854		85%	1060
OC Operator Review and Page Count Complete (initials)	Page Count Comp	lete (initials)	AND BU	BU /201	non		0	۶۰ ٤	6
¹ Non TSR requirement:			0	RSS ()		W	AS C	C	83

Note: SR 4.1.1.7 applies during mode 1 as stated in LCO 3.1.1. SRs 4.1.3.X apply during mode 1 and mode 2 as stated in LCO 3.1.3.

Completed by: Date 5/10/15 Time 090) Reviewed by:

Comments _

Date: 5/18/15 Time: 07/3

On-dufy Supervisor

Surveillance rounds ATTACHMENT B-2: Daily Surveillance Rounds (PF-4 North Side)[UET] (Page 1 of 4)

	4.1.5.4	3		4.1										4.1.1.7				SRs			_
	plenum (FF-820B) ∆l?	North Bleed off filter	(F1-020A) (M	plenum (EF 920.) AD			filter plenum	200 area re-circulation		filter plenum	200 area re-circulation		filter plenum	Vault re-circulation		filter plenum	Vault re-circulation	Description			
PDI-809-3	PDI-809-2	1-608-ICld ₁	PDI-807-3	PDI-807-2	¹ PDI-807-1	PDI-832-3	PDI-832-2	¹PDI-832-1	PDI-831-3	PDI-831-2	1PDI-831-1	PDI-841-3	PDI-841-2	'PDI-841-1	PDI-840-3	PDI-840-2	'PDI-840-1	Gauge			
$<2.0 \& > 0^{1}$ in. wc	$\leq 2.0 \& > 0^1 \text{ in, wc}$	<2.0 & > 0 ¹ in. wc	<2 0 & > 0 ¹ in. wc	≤2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	≤2.0 & > 0¹ in. wc	<2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	$\leq 2.0 \& > 0^1 \text{ in. wc}$	<2.0 & > 01 in. wc	<2.0 & > 01 in. wc	<2.0 & > 0 ¹ in. wc	<2.0 & > 01 in, wc	<2.0 & > 01 in, wc	$<2.0 \& > 0^1 \text{ in, wc}$	<2.0 & > 0 in wc	$2.0 \& > 0^{1}$ in. wc	Acceptance Criteria	Initials:	Weekday:	Date:
84.	.51	.09	077	017	OFF	.50	. 60	. 33	W	.40	. 38	STBY	STBY	STBY	.50	. 58	:		TO		5/4/2015
6 H.	. 51	.09	OFF	077	0FF	. 55	. 60	. 32	. 35	. Ho	23	इन्हर्	2187	STBY	50	. 58	.16		-H _Q	Tue.	5/5/2015
5 43	5	601	930	740	OFF	57.59	6	u. Ye	.34	. 40	, 3° .	STRY	5784	STRY	, 50	20	216	SURVE	PT	Wed.	5-6-15
. 49	.51	.09	0##	0 1 1	ф П	. 55	.60	(/3 (/3	.34	.40	Cit.	STBY	218V	STBY	. 5TO	. 57	. 16	SURVEILLANCE RESULTS (in. wc)	77	Thu.	5/7/2015
.49	.51	. oq	OFF	O T T	OFF	.55	.60	.33	. 25	.40	.33	STEY	5184	STBY	8	1.9.	٠١٢	SULTS	GA T	Př.	5/8/2015
,48 8 1	15.	. 08	0 1 7	OFF.	G-FC	.85	.60	. 32	.34	.40	 	c: By	87.82	VEITS	.50		î		BC	Sat.	8. F. F. F. F. F. F. F. F. F. F. F. F. F.
J.	<i>S</i>	Ş	255	P.	off	,55	5,	か	34	.40	20	Stay	SF.	SHA	.550 O	.54	16		Ser up		95/16/5

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

		4.1.3,4				4.1.3.4					4.1.1.7	5			4.1.3.4		SRs			
**3	(FF853) AP	100 area glovebox			(FF852) AP	100 area glovebox			filter plenum	100 area re-circulation	3	filter plenum (HVP-803) AP	100 area re-circulation		filter plenum (FF-828)	North Basement exhaust	Description			
PDI-816-5	PDI-816-4	PDI-816-2	¹pDI-816-1	PDI-815-5	PDI-815-4	PDI-815-2	1-518-1Cldt	PDI-835-3	PD1-835-2	¹PDI-835-1	PDI-833-3	PDI-833-2	'PDI-833-1	PDI-829-3	PDI-829-2	'PDI-829-I	Gauge			
$<2.0 \& > 0^1 \text{ in. wc}$	$\leq 2.0 \& > 0^{1}$ in. wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^{1}$ in. wc	$\leq 2.0 \& > 0^{1}$ in. wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$<2.0 \& > 0^{1}$ in. wc	$<2.0 \& > 0^{1}$ in. wc	≤2.0 & > 0 ¹ in. wc	$<2.0 \& > 0^{1} in. wc$	≤2.0 & > 0 ¹ in. wc	<2.0 & > 01 in. wc	<2.0 & > 01 in. wc	<2.0 & > 0" in, wc	≤2 0 & > 0 in wc	<2.0 & > 0' in, wc	2.0 & 01 in. wc	Acceptance Criteria	Initials:	Weekday:	Date:
STBY	STBY	\$184	STBY	.41	. 38	. 45	.20	. 42	. 20	-16	:45	-45	Ö	U	. v	. 12		η O		5/4/2015
STBY	STBY	STBY	STBY	.41	.39	94.	. 20	.43	#h.	6	-45	.46	0.1	0	.39	<u>.</u>		49	Tue.	5/5/2015
ST BY	5787	STRY	5784	.41	8 5	ch:	20	. 42	44	. 16	.44	911.	21.0	.30	, 39	.) 5	SURV	77	Wed.	5-6-15
57 BY	STDY	STBY	STON	(h)	38	. 1. 1.	.20	. 42	. #g	-16	.45	.47	>1.0	.36	. 39	. 15	SURVEILLANCE RESULTS (in. wc)	77	Thu.	5/7/2016
STBY	STBY	STBY	STBY	. ዛ !	, 37	. 4 3	.20	- 43	.45	-16	.45	.47	>1.0	.30	.3 %	. 15	ESULTS	98	Fri.	5/8/2013
KBIS	STRY	578Y	SIBY	-41	.38	5h.	j,	.42	.45	٠,۱۲	.4%	ીમ	٥. اح	.30	38	-17		80	Sat.	02-59-18
Stay	Stby	(संग्रे)	Silby	Ť.		.£	K	Ė	¥,	بالۇ	方	મહ	71.0g	13	.v. \$B	E	,	1 NE	Sun.	@5.4 @.A5

ATTACHMENT B-2: Daily Surveillance Rounds (PF-4 North Side) [UET] (Page 3 of 4)

9.1.0009	1 1 1			ا ا ا ا							•	7.1.20			SRs			
(HVP-863) AP	IFIT supply filter plenum		(FF-865) AP	filter plenum				(FF851) AP	200 area glovebox				(FF850) AP	200 area glovebox	Description			
PDI-863-2	PDI-863-1	PD1-865-3	PDI-865-2	'PDI-865-1	PDI-813-5	PDI-813-4	PDI-813-3	PDI-813-2	¹ PDI-813-1	PDI-812-5	PDI-812-4	PDI-812-3	PDI-812-2	¹ PD1-812-1	Gauge			
$\leq 2.0 \& >0^{1}$ in, wc	<2.0 & > 01 in. wc	$\leq 2.0 \& > 0^1$ in. wc	$\leq 2.0 \& > 0^{1}$ in. wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 & > 0^1$ in. wc	$\leq 2.0 \& > 0^1$ in. wc	<2.0 & >01 in. wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	$<2.0 &>0^1$ in. we	$\leq 2.0 \& > 0^{1}$ nn. wc	$\leq 2.0 & > 0^{1} \text{ in, wc}$	$<2.0 \& > 0^{1} \text{ in. wc}$	$<2.0 \& > 0^1$ in. wc	$\leq 2.9 \& > 0^1 \text{ in. wc}$	Acceptance Criteria	Initials:	Weekday:	Date:
. 26	. 08	.42	126	÷	STBY	STBY	STBY	STBY	STEV	189 22	.35	.39	.30	· 19		71	Mon.	5/4/2015
.27	.05	h.	.36	.03	STBY	STBX	3184	STBY	STBY	. 8	-34	ŧ	.38	.15		TOS	Tue.	5/5/2015
. 25	. 05	. 41	10	404	STRY	5784	5784	5784	STRY	.3/	,37	.39	, 37	./5	SURVI	PT	Wed.	5-6-15
. 26	, 05	.41	- 36	ho -	STBY	STBY	STOY	STBY	STBY	. 32	.36	- 38 - 3	.37	. 15	SURVEILLANCE RESULTS (in. wc)	BR	Thu.	5/7/2015
.27	.05	.40	.35	.03	STBY	STBY	5784	ठ १८ ४	2184	.32	.35	٠4٥	88.	- 15	ESULTS	6	Fri	5/8/208
12	.63	lh'	.35	.03	CHEC.	STRV	MALES	STBY	STEV	.20	.36	.40	12.	١٢.		80	Sat.	21.50.50
44	Śi	Ē	.35,	ر ده.	F.	24/1/2	₹.	£	史	رن	رز چ	5	草	16	(Winnit	Sun.	bs/id/is

Surveillance wounds ATTACHMENT B-2: Daily Surveillance Rounds (PF-4 North Side) [UET] (Page 4 of 4)

					֓֞֞֜֜֞֜֝֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓			1		
			Date:	7/4/2015	75/2015	5-6-15	77/2015	78/2015	21.00.50	05/0/15
			Weekday:		Tue.	Wed.	Thu.	Fri.	Sut.	Sun.
			Initials:	BF	48	<i>ا</i>	Lo.	G.For	8	× × ×
SRs	Description	Gauge	Acceptance Criteria			SURV	SURVEILLANCE RESULTS	STJUS		
7217	North Basement supply	¹ PDI-857-1	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	80.	8	ă a	ġ	.00	C.	40.
4.1.3.4	(HVP-840) ΔP	PDI-857-2	≥2.0 & > 0 ng. wc	. h	.49	. 40	4	64.	.40 0.12	L B
4.1,3,4	North corridor supply filter plenum	1-958-1Cld1	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	-11	.10	, /0	. 11	0	.10	Ŕ
	(HVP-809) AP	PDI-856-2	$\leq 2.0 \& > 0^1$ in. wc	85.	. 55	43.	U	. 55	A	3
NA EI	Combustible exclusion area around basement exhaust fans FE828, FE829 and bleed-off fans FE820A, FE820B, FE822C, FE822B, FE822C		0 lb/ft² combustibles in designated exclusion area (within 15 feet of fans)	844	SAT		SAT	SAT	\$	£
4.3.2.2	Rooms 201, 204, 206, &		0 lb/ft² combustibles							
	207		within 3.5 feet perpendicular from the	(
			face of the PMMA, the width of the aisles	4	× 1		X ₁	SAT	}	7
			between gloveboxes, or up to the walls of the rooms, whichever is less		<u> </u>				Ā	57
			Completion time	0853	2080	0 852	2905	0837	1380	9960
	OC Operator Rev	iew and Page Co	OC Operator Review and Page Count Complete (initials)	後で	ゆか			ST CO	W TO	
Note: SR 4.1.3.4 applies d	Note: SR 4.1.3.4 applies during mode 1 and mode 2	and made 2		0	RSB ()			XSQ.		O XX
Completed by:	Completed by: This was Date of Av / Time Of Co	Total III III I	D(O) Raviawad hv.	2		Date: 5/12/17	(a) III TO TO		<	
Comments:				On-du	On-duty Supervisor					

ATTACHMENT A: Per Shift Surveillance Rounds [UET] (Page 1 of 3)

	44		1		.			1				1	1			
L	$4.1.1.3$ $4.1.2.3^2$				4.1.1.2 4.1.1.5 4.1.2.2 ²					4.1.1.1 4.1.2.1 ²		SRs		whenever	Gauge re taken on)
IRT Tunnel AP	- - - -		IFIT Facility AP	400 area laboratory PDI-852-1 or header AP PDI-852-2	300 area laboratory PDI-853-1 or header AP PDI-853-2	100 area laboratory header AP	200 area laboratory header Al ³	400 area glovebox exhaust header AP	300 area glovebox exhaust header AP	100 area glovebox exhaust header AP	200 area glovebox exhaust header AP	Description		whenever possible. Document if	Gauge readings should be taken on rack #4 in the OC.	Note
PDI-901 or	PDI-854-1 or PDI-854-2	PDI-804-1 or PDI-804-2	PDI-865-4 or PDI-865-5	PDI-852-1 or PDI-852-2	PDI-853-1 or PDI-853-2	PDI-802-1 or PDI-802-2	PDI-803-1 or PDI-803-2	PDI-864-1 or PDI-864-2	PDI-870-1 or PDI-870-2	PDI-820-1 or PDI-820-2	PDI-814-1 or PDI-814-2	Gauge Accel				
< 0.00 in. wc	< 0.00 in. wc	< 0.00 in. wc	≤0.05 in. wc	≤-0.05 in. wc¹	≤-0.05 in. wc¹	≤-0.05 in. wc¹	≤-0.05 in. wc¹	≤-1.0 in. wc¹	≤1.0 in. wc¹	≤-1.0 in. wc¹	<-1.0 in. wc	Acceptance Criteria	Initials:	Shift:	Weekday:	Date:
108 - 108	01- bat	709 -10	719-19	200 - 20	715 -17	-21 -23	02- 51-	-197-197	-1.78-1.48	-1.73 -1.91	204 6.01		Ja 6	AM PM	Mon.	5-11-15
·302 - 393	710-10	210-10	-19 -19	721 -21	-20 -20	732 -22	19-14	-147-Jab	Ust 1885	1,92 -1.91	-706-2.06-2.01		P W	AM PM	Tue.	5-1275
- AB - 093 D. O	20,	70 DI	7,00,01	-20 D 02-	19 DE	ph. 10 (25)	0,19	19/1/21	961/151	1.90 191	201205	SURVEIL	BCyfell	AM PM	Wed.	05-13-15
7065-113	109 -10	J09 JAC	19 CHO	.20	-20	721 -29	19	tbr 86-	8 55 1-1881-	191 197	2.04 307 -207		8 2	AM PM	Thu.	05.14.18
1.018-161-	-109 - 104	bo- 01-	h1-181-	12- 06-	- [9	737-23	25- 16-	151-15-151-	Lhi- 181-	15-	-2.5d	LANCE RESULTS (in. wc)	D 12	AM PM	Fri.	5-15-15
Pol- 1,902	-10	01.	PI- 191 -	02-06.	3.	٢٤٠- ٢٤٠	-	-197 - 1911-	USY 80 1-861- USI- 861-	761-161-	-DG-206	٠	D W	AM PM	Sat.	151615
- 10b	01-10	10c1 -10	19 - 19	ルール	12.	12-24	20,00	1981-98	Lb.1-151	101-101	7.04 -2.05		000 4	AM PM	Sun.	5/17/15

ATTACHMENT A: Per Shift Surveillance Rounds [UET] (Page 2 of 3)

Readings	FMT#15	and local p	SRs			125	92.7 GH		25.45.35.		4.1.1.0						1,750
Note Readings should be taken	FMT#151,152,201LD	and 2021D. Field verification and local plenum PDIs may be used if FCS is unavailable.	Description	200 area re-	circulation fan/	plenum	100 area re-	plenim	pienum	300 area re-	circulation fan/	plenum	400 area re-	circulation fan/	plenum	Vault re-	fan/ plenum
		7	Readings	FR-801 icon red and	Or Or	PDT-832 AP > .050	PDT-833 AP > .050	13R-804 Icon red and	PDT-835 AP > .050	PDT-836 AP > .050	Of.	FR-806 Icon red and PDT-837 AP > .050	1-1R-807 Icon red and	Of	FR-808 Icon red and PDT-839 AP > .050	FR-811 Icon red and PDT-840 AP > .050 or	FR-812 Icon red and PDT-841 AP > .050
Weekday:	Shift:	Initials:	Acceptance Criteria	At least one	fan/plenum is in	service	At least one	samica s in	service	At least one	fan/plenum is in	service	At least one	fan/plenum is in	service	At least one fan/plenum is in	
5-1/18 Mon.	AM PM	P			SE	Unsat Unsat Unsat Unsat Unsat	(E)	: -	Unsat Unsat Unsat Unsat Unsat			Unsat Unsat Unsat Unsat Unsat	_		Unsat Unsat Unsat Unsat Unsat	(3)	Unsat Unsat Unsat Unsat Unsat Unsat
		7		_	Sat	nsat Ur	Sign	2	sat Un		_	sat Un		Sar Say	sat Un	Sat Sat	sat Un
5-12-45 Tue.	AM PM	۴) 为	Sat Sat	sat Un	Sat	/(SatUns	A STATE OF THE PARTY OF THE PAR	1	sat Uns		Sat	sat Uns		sat Uns
		9	SU	_	7	satUns			Uns			at Uns			at Uns		at Uns
45.13.15 Wed.	AM PM	2	SURVEIL Sat. / U	\neg		at Uns	Sat	(at Uns	<u>2</u> 2	X	at Uns		(A)	at Uns	(Sap	at Uns
-1-,	MA MA	Page		_				(_		\rightarrow	-	Z.	Sar		Sal	
p5.i4.i≤ Thu.	1 PM	a	t (ci		Sap	ıt Unsa	Sat	(Unsa		_	Unsa	-	OB.	Unsa	(E)	t Unsai
70		P	LANCE RESULTS nsat. (circle one))	Sat	t Unsat	8		Unsat		(a)	Unsat	-0.0	(Sa)	Unsat	(E)	Unsat
Fi. 50	AM PM	3	JLTS ne)	5	Sat	Unsat	(Sat)	(Unsat		Sat	Unsat		SQ.	Unsat	Sat	Unsat
546-1	MA	P		}	Sav	Unsat	(Sat)	(Unsat	3	Cay	Unsat		Sat	Unsat	Sat	Unsat
5-16-15 Sat:	PM	n			Sat	Unsat	S	1	Unsat)		Unsat I		Sac	Unsat	(Sat	Unsat∣t
5/17/k	Μ	800		_	Sat	Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat	Sar	\rightarrow	Unsat Unsat Unsat Unsat Unsat Unsat Unsat	3)) Sat	Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat	\		Insat Unsat Unsat Unsat Unsat Unsat Unsat Unsat	Sat	Jnsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat
n. 13	PM	2			(Sgr	Unsat	Sar Sar	(Jnsat		7	Jnsat)	Sat	Jnsat		Jnsat

Surveillance kwands ATTACHMENT A: Per Shift Surveillance Rounds [UET] (Page 3 of 3)

- 1			and 400	< laboratory APs < basement APs for areas 100, 200, 300	Glovebox exhaust	Description		be used if necessary. Document any alternate	the OC when possible, local PDI equivalents may	Note		
		400 Лгса	300 Arca	r 100 Агев	200 Area	Area		ent any alte	aken on ra DI equivale	•		
	Comple	PDI-864-2 PDI-852-2 PDI-854-2	PDI-870-2 PDI-853-2 PDI-854-2	PDI-820-2 PDI-802-2 PDI-804-2	PDI-814-2 PDI-803-2 PDI-804-2	Gauge		ack #4 in ents may ernate				
	Completion Time	PDI-864-2 < PDI-852- Unsat Uns	PDI-870-2 < PDI-853- 2 < PDI-854-2	PDI-820-2 < PDI-802- 2 < PDI-804-2	PDI-814-2 < PDI-803- 2 < PDI-804-2	Acceptance Criteria	Initials:	Shift:	Weekday:	Date:		
	20 10 10 00 10 10 000	Sat U	(Say) Unsat	(Sar) Unsat	Unsat Unsat Unsat Unsat Unsat Unsat		Ç	ν	Mon.	5-11-15		
	27	(Sa) Unsat (San Unisan	Vsat Unsat (Sat ()	3	ž	, ,	3,		
Æ.	Co Ch	Sat	(Sat) Unsat	(Sat Unsat	(Sat Sat Sat Unsat		2	Μ	Tue	5-12-15		
	142%	Sat Unsat	Sat	Sat Onsat	Sat)	3	PM	,,			
*	732	Sat Sa			onsat	SUIS	28	M	Wed.	05.13.15		
	建		Unsat			SURVEII Sal-	8/	PM	عَب	Ċζ		
Ø.	kao	THE SE	Sat		San	LLAN Jnsat	B	۸М	Thu.	51-10-150		
	1820	sat Unsat	Sat Unsat	Sat	(Sat) Unsat	CE R	18	איו	.≓,	7.15		
8	073)	Sat Unsat	Sar' Unsat	Sat Unsat	Sat (Sat (Sat (Sat Unsat	Unsat. (circle one)	P	۸M	=	21313		
	1929	(Sat Unsat	Sat Sat) Unsat	(Sa) Unsat	ST	7	Md	l'ri.	Š		
	£10	(Sa) Unsat	(Sat) Unsat	(Sat) Unsat	Sap.		P	WV	Sat.	5-16		
	SEN 6110 (26) 926 BOU (560 (50))	Sat Sat Sat Sat Sat Sat Sat Unsat Un	(Sat) Sat Sat (Sat) Sat (Sat) Sat (Sat) Unsat Un	Sat Sat (Sat (Sat) (Sat (Sat) (Sat) Unsat Unsa	Sat Sat Sat Sat Sat Sat Sat Sat Sat Sat		N	M	11.	5-16-15		
	0719	Sat	8at Unsat	Sat Unsat	(Sat) Unsat		000	MV	Sun.	3/3		
	1435	Sail	Sat Unsat	(Sat)	(Sat) Unsat)	a	· PM	ın.	5/17/18		

Note: * SRs 4.1.2.	Note: Mode 2 a
.x only apply during n	cceptance criteria is <
node 2 in accordance	s < 0.00 in. wc
accordance with LCO 3.1.2.	

Completed by: PRICE / Date 5/17/15 Time 1935 Reviewed by:

Comments: _

On-duty Supervisor

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 1 of 4)

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 the system control and alarm panel. The difference between the two readings is checked to VERIFY it is in the range of $(\geq -0.1; \leq 0.1)$. storage cabinet. The gas concentration readout directly on the detector in the storage cabinet is compared with the gas concentration readout on

		T	_				ĭ		
				4.4.1.1	SR				
		(LCD Reading) (LED Reading)	(DET-305-3) - (CP-305H)	CP-305-H (LED Reading)	Flammable Gas Channel Check DET-305-3 (LCD Reading)	Description / Gauge			
	Completion Time:	≥-0.1; ≤+0.1	Record Calculated Value		NA	Acceptance Criteria	Initials:	Weekday:	Date:
	hsw	Say! / Unsat.	0.0	0.0	0.0		Ju.	Mon.	shihs
	0750	Say. / Unsat. Cat / Unsat. Can Unsat.	0.0	o o	o o	700	g _F	Tue.	5/12/2015
	0800	San Unsat.	o o	0	0	SURVEILLANCE RESULTS (percentage)	95	Wed.	5/13/2015
	7870 4080	(Sap. / Unsat. (Sap. / Unsat. (Sap. / Unsat.	0.0	0.0	0,0	CE RESULTS	#4	Thu.	5/14/15 5/15/15
1		(Sa). / Unsat.	0.0	0.0	0.0	(percentage)	华	Fri.	5/15/15
	0730	Sat / Unsat.	0.0	0:0	0.0		Mu	Sat.	Stills
	0705	Sax / Unsat.	0.0	0.0	0.0		gn	Sun.	SIAIS

Surveillance rounds ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side)[UET] (Page 2 of 4)

E.		4.1.3.4							1			4.1.3.4			4114		4.1.3.4	SKs				
	300 area special recovery glovebox exhaust filter plenum (FF859) AP				(FF855) AP	300 area glovehox		(FF858) AP	exhaust filter plenum	300 area special		(FF854) AP	300 area glovebox		810) AP	South Corridor supply (HVP-	(IIVP-841) AP	South basement	Description			
	PDI-818-2 PDI-818-4 PDI-818-5 PDI-821-1 PDI-821-3 PDI-821-4		PDI-819-4	PDI-81 9-1 PDI-81 9-3 PDI-819-4		PDI-817-5	PDI-817-2 PDI-817-4 PDI-817-5		¹PDI-817-1	PDI-895-2	1PDI-895-1	PDI-894-2	¹PDI-894-1	Gauge								
	$\leq 2.0 \& > 0^{1}$ in. wc	≤2.0 & > 0 ¹ in. wc	≤2.0 & > 0¹ in. wc	$\leq 2.0 \& > 0^1$ in. wc	≤2.0 & > 0 ¹ in. wc	≤2.0 & > 0¹ in. wc	\$2.0 & > 01 in. wc	≤2.0 & > 0¹ in, wc	<2.0 & > 0 ¹ in. wc	≤2.0 & > 0¹ in. wc	$\leq 2.0 \& > 0^1$ in. wc	≤2.0 & > 0 ¹ in, wc	≤2.0 & > 0 ¹ in, wc	≤2.0 & > 0¹ in. wc	<2.0 & > 01 in we	$\leq 2.0 \& > 0^1 \text{ in. wc}$	<2.0 & > 0 in. wc	$\leq 2.0 & > 0^1 \text{ in. wc}$	Acceptance Criteria	Initials:	Weekday:	Date:
	29	. 44	.40	.40	E	34	.18	STBY	YBY	5784	51.64	STBY	News.	STDY	59	&	.55	.07		gan	Mon.	Shilts
	.40	.44	·#0	3	V3 V3	. 35	. 28	578Y	STBY	STBY	YEY	18.18.	STBY	STBY	. 59	9	. 55	. 08		GT T	Tuc.	5/12/2015
	. 39	.43	. 40	.5/	7 E.	. 34	82	378Y	STBY	STBY	STBY	STBY	STBY	STBY	. 59	·io	.55	.07	SURV	38	Wed.	5/13/2015
	46	.45	.40	.30	.34	. 3 /	.26	578Y	3734	578Y	3784	57BV	3734	5081	.40	.10	. 55	.09	URVEILLANCE RESULTS (in. wc)	tra		5/4/15
	. 45	.45	.40	.30	. 32	.32	. 28	5584	জঙ্গ <i>)</i>	48.45	hacs	5784	5784	5784	.40	. 10	. ئ ك	60,	SULTS	12	<u> </u>	5/15/15
	ah	ûh '	. 40	Æ.	,32	,35	.28	1815	57134	481	451.75	5184	5104	5784	.60	.10	25°	,09		B	Sat.	shells
020		42	.40	. 30	.37	.34	.28			STBY	784	STBU	STBV	SHRY	.ko	.10	د ر	. 09	,	Ar	Sun.	Shahs

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET] (Page 3 of 4)

			4.1.1.7				4.1.5.4		.A.						4.1.3.4		SRs			
	filter plenum (HVP-806) AP	300 area re-circulation		filter plenum	300 area re-circulation			South Basement exhaust		(FF857) AP	4 400 area glovebox exhaust filter plenum			(FF856) AP			Description			
PDI-837-3	PDI-837-2	¹PDI-837-1	PDI-836-3	PDI-836-2	¹ PDI-836-1	PDI-830-3	PDI-830-2	1-001-830-1	PDI-823-5	PDI-823-4	PDI-823-2	¹PDI-823-I	PDI-822-5	PDI-822-4	PDI-822-2	¹PDI-822-1	Gauge			
≤2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	<2.0 & > 01 in, wc	≤2.0 & > 0¹ in. wc	≤2.0 & > 0 ¹ in. wc	<2.0 & > 0 in. wc	<2.0 & > 01 in. wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	<2.0 & > 01 in. wc	$\leq 2.0 \& > 0^1$ in. wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	≤2.0 & > 0¹ in. wc	<2.0 & > 01 in. wc	$\leq 2.0 \& > 0^1 \text{ in. we}$	<2.0 & >01 in. wc	<2.0 & > 0 m, wc	<2.0 & > 01 in. wc	Acceptance Criteria	Initiats:	Weekday:	Date:
.39	. 91	.5/	.53	.56	.97	28	3)	.63	Yers	578 Y	578Y	YESTE	h.	.42	50	.26		am	Mon.	s/illis
.39	- 4	. গ	.54	85.	.97	.28	0	. 69	STBY	STBY	STBY	5787	.46	.42	<u>.</u>	.75		G F	Tue.	5/12/2015
.39	١4.	.51	. 54	.57	7.0.	35	UI	69	STBY	YELS	YBY	STBY	.47	. 42	.52	. 75	SURV	Br	Wed.	5/13/2015
:39	.40	.50	. 53	38	98	. 29	. 30	. 69	5784	504	4845	28	itte	.44	.50	.75	SURVEILLANCE RESULTS (in. wc)	ta	Thu.	5/14/15
. 39	.40	. 50	. 52	.58	.98	. 29	. 30	.69	Siz	578/	5535	572/	.44	.41	.50	.76	STIUS	113	l'ri.	5/15/15
.39	.40	,50	. 52	.58	.98	,29	. 30	, 69	57194	4784	4784	5780	.46)4,	,50	, 76		P	Sat.	Shelis
.39	40	.51	.52	57	86.	28	30	.67	57.04	STBV	57.04	57.84	911	74.	.5)	.76	,	M	Sun.	5/12/15

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 4 of 4)

				(rage 4 of 4)	(4)					
			Date:	s/IIIIs	20t/t	5/13/2015	5/14/15	5/18/15	Silalis	5/17/15
			Weekday:	Mon.	Tue.	Wed.	Thu.	řni.	Sat.	Sun.
			Initials:	for	70	1.00 J.	7	重	P	Char
SRs	Description	Gauge	Acceptance Criteria			SURVI	SURVEILLANCE RESULTS (in. wc)	STIUS		
400 are	400 area re-circulation	'PD1-838-1	$\leq 2.0 \% > 0^1 \text{ in, wc}$.47	84.	84,	.40	.48	34.	34,
	filter pleaum	PDI-838-2	$\leq 2.0 \& > 0^1 \text{ in, wc}$.51	.52	، ۳۷	15.	75.	56	15.
4.1.1.7		PDI-838-3	≤2.0 & > 0¹ in. wc	.50	.51	.51	05.	.50	0.5 '	50
400 are	400 area re-circulation	PD1-839-1	≤2.0 & > 0¹ in. wc	473	.43	.43	.43	.42	, 42	. <i>4</i> 3
	filter plenum	PDI-839-2	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	59	. 59	.59	. 59	.59	159	59
1		PDI-839-3	$\leq 2.0 \& > 0^1 \text{ in. wc}$	55	. 55	.55	56.	.52	,52	.52
w =	South Bleed off filter	PDI-810-1	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	eff:	OF F	OFF	770	. 14	,14	./4
	plenum	PDI-810-2	$\leq 2.0 \& > 0^{1}$ in. wc	23-0	OFF	O T D	07/5	.42	.42	.44
		PDI-810-3	$\leq 2.0 \& > 0^1 \text{ in. wc}$	of4c	OFF	SFF	740	14.	lμ.	, 4 <i>4</i>
	South Bleed off filter	¹PDI -811 - 1	$\leq 2.0 \& > 0^{1} \text{ in. wc}$. //	.11	. 7	11.	- AO	0 15-	34.0
4.1.5.4	plenum	PDI -811 -2	$\leq 2.0 \& > 0^{1} \text{ in. wc}$.46	. 48	48	.49	のデド	23.0	\$;
		PDI -811 -3	≤2.0 & > 0¹ in, wc	7.47	84.	48	ph.	7720	21.30	336
			. Completion Time	0811	0805	0 h & 0	2280	0826	0817	0250
OC Operato	OC Operator Review and Page Count Complete (initials)	ge Count Compl	ete (initials)	9 200A	83 A		NO.	P		2 (26)
Non TSR requirement:				1	Š	9	À L	3	- 1	

Completed by: Allen Jan Date 5/17/15 Time 0740 Reviewed by:

Note: SR 4.1.1.7 applies during mode 1 as stated in LCO 3.1.1. SRs 4.1.3.X apply during mode 1 and mode 2 as stated in LCO 3.1.3.

On-unit Supervisor Daic: 5/18/15 Time: 1200

Comments

Surveillance Lunds ATTACHMENT B-2: Daily Surveillance Rounds (PF-4 North Side)[UET] (Page 1 of 4)

	1.10.4			#1554			×					•	0	4.1.1.7	(A)			SRs			
e	plenum (FF-820B) Al ³	North Bleed off filter	(FF-BZUA) AT	plenum			filter plenum	200 area re-circulation		filter plenum	200 area re-circulation		filter plenum	Vault re-circulation	5:	filter plenum (HVP-811) AP	Vault re-circulation	Description			
PDI-809-3	PDI-809-2	'PDI-#09-1	PDI-807-3	PDI-807-2	¹ PDI-807-1	PDI-832-3	PDI-832-2	¹ PDI-832-1	PDI-831-3	PDI-831-2	¹PDI-831-1	PDI-841-3	PDI-841-2	'PDI-841-1	PDI-840-3	PDI-840-2	¹PDI-840-1	Gauge			
<2.0 & > 01 in. wc	≤2.0 & > 0 ¹ in. wc	<2.0 & > 01 in. wc	$\leq 2.0 \& > 0^{1}$ in. wc	$\leq 2.0 \& > 0^1 \text{in. wc}$	$\leq 2.0 \& > 0^1$ in. wc	<2.0 & > 01 in. wc	$\leq 2.0 \& > 0^{1}$ in. we	<2.0 & > 01 in. wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	≤2.0 & > 0 ¹ in. wc	<2.0 & > 0 in. wc	<2.0 & > 01 in. wc	<2.0 & > 01 in. wc	<2.0 & > 01 in. wc	<2.0 & > 0 in, wc	<2.0 & > 0 in wc	<2.0 & > 01 in. wc	Acceptance Criteria	Initials:	Weekday:	Date:
8H.	.51	. 08	OFF	017	OFF	. 56	. 60	Si	. 35	. 40	. 33	STBX	STBY	STSY	. 500	. 58	-16		£ 8	Mon.	5/1/2015
. 48	. 5.7	0 8	OFF	OFF	240	ज ह	, 60	,33	. 33	. 40	. 33	57 <i>B</i> Y	STBY	STRY	, 5 0	, 5 g	. 16		77	Tue.	5-12-15
.48	.51	80.	530	350	332	55	c c	.33	.33	. 40	.33	STBY	STAY	5787	.50	.59	-16	SURVI	25	Wed.	5-13-15
.46	,50	.07	ロボド	Chap	OFF.	.55	.60	.33	. 33	.40	. 33	37.87	5/84	5700	₹ 18	, 500 05.	.16	SURVEILLANCE RESÚLTS (in. wc)	772	Thu.	5/14/15
750	750	350	.42	.49	.//	. 55	.60	. 33	.33	.40	. 33	2787	STBY	STBV	is o	20.5	216	ESÚLTS	for	Fri.	5/15/15
420	a.F.F	440	.47	. 49	-1)	52,	. 66	. 33	,33	. 40	.33	5784	STBY	57131	.50	85	-16		M	Sat.	5/16/15
240	off	0FF	.47	.49	.11	,55	. 60	33	. 33	.40	. 33	STBY	5734	57/3 V	50	78,	91,	\	gh,	Sun.	shalis

Page 28 of 34

Surveillance rounds ATTACHMENT B-2: Daily Surveillance Rounds (PF-4 North Side) [UET] (Page 2 of 4)

	hugo.	4.1.3.4	-			4.1.3.4			-	-	4.1.1.7				4.1.3.4		SKs			
	(FF853) AP	100 area glovebox			(FF852) AP	100 area glovebox			filter plenum (IIVP-804) AP	100 area re-circulation		filter plenum (HVP-803) AP	100 area re-circulation		filter plenum (FF-828)	North Basement exhaust	Description			
PDI-816-5	PDI-816-4	PDI-816-2	PD1-816-1	PDI-815-5	PDI-815-4	PDI-815-2	1-518-ICId ₁	PDI-835-3	PDI-835-2	¹ PDI-835-1	PDI-833-3	PDI-833-2	¹PDI-833-1	PDI-829-3	PDI-829-2	'PDI-829-1	Gauge	,		
<2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^{1}$ in. we	$\leq 2.0 \& > 0^{1}$ in, we	$\leq 2.0 \& > 0^1 \text{ in. wc}$	≤2.0 & > 0 ¹ in. wc	<2.0 & > 0¹ in. wc	≤2.0 & > 0¹ in. wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	≤2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^{3} \text{ in. wc}$	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^{4} \text{ in. wc}$	$<2.0 \text{ &}>0^1 \text{ in. wc}$	<2.0 & > 01 in, wc	<2.0 & > 0 in, wc	<2.0 & > 0' in wc	<2.0 & 01 in, wc	Acceptance Criteria	Initials:	Weekday:	Date:
४८४४	STBY	STBY	STBY	. 41	.38	.47	آب	.42	.45	.16	٠,46	·45	y 0	.30	. 39			6 F1	Mon.	5/11/2015
5784	STRY	STBY	STRY	14.	8 W	. 42	.20	. y <u>1</u>	: U 5	i de	, 46	, 46	>1.0	. 30	- 39	. / 5		79	Tue:	5-12-15
STOY	STOY	STAY	STAY	.41	38	. 4 <i>5</i>	.20	43	. 42	· 6	54.	.47	>1.0	.30	.39	.15	SURV	2	Wed.	5-13-15
ASIA	57734	5787	57B7	40	.38	.42	.20	.42	ż	911	##.	·He	>1.0	.30	.39	٠,١٤	SURVEILLANCE RESULTS	tra	Thu.	8/14/15
STBY	5781	4875	57134	.40	.38	hh	.20	.h	. 45	-16	.44	.46	71.0	.30	.39	.15	ESULTS	In	Fri.	5/15/15
5284	7825	5784	4913	.40	.37	ηų	.20	.42	. K	71.	.45	94.	>1.0	30	.39	. /5	_	Jm.	Sat.	5/16/15
STBY	5787	STBY	57.34	on	.37	. 44	20	42	. 45	./6	.45	94.	7).0	3	39	. 15		lu	Sun.	5/17/15

Surveillance rounds ATTACHMENT B-2: Daily Surveillance Rounds (PF-4 North Side) [UET] (Page 3 of 4)

	4.1.0,4			4.1.2.0	772			4.12.0	4114			•	i i	2	1.	SRs			
	(IIVP-863) AP	IFTI' supply filter plenum	E.	(FF-865) ΔP	IFIT exhaust				(FF851) AP	200 arca glovebox				exhaust litter plenum (FF850) AP	200 area glovebox	Description			
	PDI-863-2	PDI-863-1	PD1-865-3	PD1-865-2	1-865-1	PDI-813-5	PDI-813-4	PDI-813-3	PDI-813-2	'PDI-813-1	PDI-812-5	PDI-812-4	PIDI-812-3	PDI-812-2	¹ PDI-812-1	Gauge			
	≤2.0 & >01 in. wc	<2.0 & > 01 in. wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	≤2.0 & > 0¹ in. wc	<2.0 & > 01 in. wc	≤2.0 & > 0 ¹ in. wc	$\leq 2.0 \text{ & } > 0^1 \text{ in. wc}$	$\leq 2.0 \& > 0^{1}$ in. wc	≤2.0 & > 0¹ in, wc	<2.0 & > 0¹ in. we	$\leq 2.0 \text{ \& } > 0^1 \text{ in. we}$	$\leq 2.0 \text{ &} > 0^1 \text{ in, we}$	<2.0 & > 01 in. wc	$<2.0 \& > 0^{1}$ in. wc	$\leq 2.0 \& > 0^{1} \text{in. wc}$	Acceptance Criteria	Initials:	Weekday:	Date:
		.05	. 40	.37	.02	STBY	STBY	STBY	Yare	YBAS	3-	.35	.37	. 03	-157		D B	Mon.	5/11/2015
	. 27	, О И	.39	.34	, 04	STRY	4875	5784	5784	5784	iv.	W G	,37	is S	ly.		PT	Tue.	5-12-15
	.28	,05	.41	35	ho	STOY	Sray	STBY	STBY	5764	, 3	. 35	,36	.35	.15	SURVI	野	Wed.	5/13/2015
	.28	45.7	. 30	-32	.05	STRY	78.15	578Y	5781	5734	.3	. 37	. 32	.35	.15	SURVEILLANCE RESULTS (in. wc)	12	Thu.	5/14/15
	28	20.	Oh.	.33	.03	5713 4	57B1	570"	481.5	573 V	. 3/	.37	35	.36	11.	SULTS	ha	Fri.	51/51/5
	27	.65	40	372	35,	57.84	57.31	SYBY	Yex	STBY	. 3/	.37	.37	.36	2(.	7	M	Sat.	shelis
*	.27	. 05	.39	32	.53	57.34	STBY	5734	57.35	5734	.3)	37	.37	-36	16		Mr	Sun.	sliels

Surveillance wounds ATTACHMENT B-2: Daily Surveillance Rounds (PF-4 North Side) [UET] (Page 4 of 4)

Comments:	Completed by:	Note: SR 4.1			4.3.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.	N.		4.1.3.4	4.1.0.4	2	SRs		5/12	- FE
	Jane 18	Note: SR 4.1.3.4 applies during mode 1 and mode 2.	OC Operator Rev		Rooms 201, 204, 206, & 207	Combustible exclusion area around basement exhaust fans FER29 and bleed-off fans FER20A, FER20B, FER20C, FER22A, FER22B, FER22B, FER22C	(HVP-809) AP	North corridor supply filter plenum	(HVP-840) AP	North Basement supply filter plenum	Description			
	Date <u>5/12/15</u> Time <u>0245</u>	l and mode 2.	view and Page Co				PDI-856-2	'PDI-856-1	PDI-857-2	1-857-1	Gauge			
	0245 Reviewed by:		OC Operator Review and Page Count Complete (initials)	Completion time	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	0 lb/ft² combustibles in designated exclusion area (within 15 feet of fans)	$\leq 2.0 \& > 0^{1} \text{ in, wc}$	≤2.0 & >0' in. we	<2.0 &>0 in. wc	$\leq 2.0 \% > 0^{1} \text{ in, wc}$	Acceptance Criteria	Initials:	Weekday:	Date:
The state of the s	(N)	1	25 P	8080	SAT	YY Y	, 54	.11	.49			as IT	Mon.	5/11/2016
of substantial	On distribution	888	1000 P	09/3	SAT	SAT	54	. 11	, 49	• 12		76	Tue.	5-12-15
	Date: 7/19/15	C	XT- G	0906	SA	SAT	h .c. ·	11.	.49	.13	SURV		Wed.	5/13/2015
	5 Time: 10	RS O	RE X	0923	7	74	25:	. /0	.50	21.	SURVEILLANCE RESULTS	14	Thu.	5/14/15
	K	8	3	0830	JAS	145	٠٤/	01:	ŝ	-/4	ESULTS	Me	7.	5/15/15
			12 BBn	روان	JRS .	K	0.5	.10	5) "	,	lu-	Sat.	5/16/15
		,	PASS P	0721	500	\$	S	. 10	5			an	Sun.	statis

ATTACHMENT A: Per Shift Surveillance Rounds [UET] (Page 1 of 3)

I .													т—				٦.
	$4.1.1.3$ $4.1.2.3^2$				$4.1.1.2$ $4.1.1.5$ $4.1.2.2^2$	• • •				4.1.1.1 4.1.2.1 ²		SRs	aliemate P	whenever	Gauge re)	
IRT Tunnel AP	South basement AP	North basement AP	IFIT Facility AP	400 area laboratory PDI-852-1 or header AP PDI-852-2	300 area laboratory PDI-853-1 or header AP PDI-853-2	header AP PDI-802-1 or	200 area laboratory header AP	400 area glovebox exhaust header AP	300 area glovebox exhaust header AP	100 area glovebox exhaust header AP	200 area glovebox exhaust header AP	Description	aliemate PDIs are used.	whenever possible. Document if	Gauge readings should be taken on rack #4 in the OC	Note	
PDT-901 or PDI-901	PDI-854-1 or PDI-854-2	PDI-804-1 or PDI-804-2	PDI-865-4 or PDI-865-5	PDI-852-1 or PDI-852-2	PDI-853-1 or PDI-853-2	PDI-802-1 or PDI-802-2	PDI-803-1 or PDI-803-2	PDI-864-1 or PDI-864-2	PDI-870-1 or PDI-870-2	PDI-820-1 or PDI-820-2	PDI-814-1 or PDI-814-2	Gauge Acce					
< 0.00 in. wc	< 0.00 in. wc	< 0.00 in. wc	<-0.05 in. wc	<-0.05 in. wc ¹	<-0.05 in. wc ¹	≤-0.05 in. wc¹	<-0.05 in. wc	<-1.0 in. wc ¹	<-1.0 in. wc¹	<-1.0 in. wc ¹	<-1.0 in. wc	Acceptance Criteria	Initials:	Shift:	Weekday:	Date:	
10E		01-60	79 -19	70 -21	720-21	7.25	le- 12.	196-151-	-1-8FI-	197-190	-2:05 -2,04		82	AM PM	Mon.	05.18.15	
063	- 10 -09 0.09		79 0.19	06,0,0	-20 D.70	73 0,14	-21 0,20	2.04-1.98 1.97	1.99	190-192 192	1-2.05- 2.07	(80 /8/	AM PM	Tue.	N5-19-15	
401- 980 990	01:10	-10°C/ - 10	-19-19	12-0E	-19 =20	sac her	- 22 - 20	-198-1.96	-1,98 -1,98	-191-151	204-207	SURVEIL	B a	AM PM	Wed.	5-20-15	
.083	70%	, CO	H- 101	20	-14 -14	-21	11-12	-1:ab-]:97	158-198/	7.81	7207		B/B/3 1/	AM PM	Thu.	5/21/15	
7067 799	103	0	19-19	16. RZ.	IC 62.	72.	19-19	(b) - 861- (b)	-198 -193	1.91 -1.91	-L. 201 2.03	LANCE RESULTS((in. wc)	82	AM PM	_	1500.15	
0.000	0.0 20.0	0.0	200	ox,0 m. a.	91,0	18.0 000-66.	210 8ro	7,98	961765V	16/261/191	2.03_2.01,202_2.06	C	14	AM PM	Sat.	5/23/15	
580.0	D. &.	(0 of	1910	(16, - or, or	19-00	15-22:0	0,14	15.1	1.99 -1.99	7 - 1 o	2.06	0	A X	AM PM	Sun.	5/14/15	

ATTACHMENT A: Per Shift Surveillance Rounds [UET] (Page 2 of 3)

Note Note											7
Meckday: Mon. Tue. Wed. Shift: AM PM AM P			4.1.1.6			SRs	and 2021 and local p be used if I	FMT#15	Readings using FC	l :	
Weekday: Mon. Tue. Wed. Shift: AM PM AM PM AM PM Acceptance Criteria At least one fan/plenum is in service At least one fan/plenum is in service At least one fan/plenum is in service At least one fan/plenum is in service At least one fan/plenum is in service At least one fan/plenum is in service At least one fan/plenum is in service At least one fan/plenum is in service Unsat	Vault recirculation fan/ plenum	400 area recirculation fan/	300 area re- circulation fan/ plenum	100 area re- circulation fan/ plenum	200 area re- circulation fan/ plenum	Description	lenum PDIs may CS is unavailable.	1,152,201LD	should be taken S screens	Note	
Mon. Tue. Wed. Mon. Tue. Wed. AM PM AM PM AM PM AM PM Surveil	PDI-840 AP > .050 or FR-812 icon red and PDI-841 AP > .050	PDT-838 AP > .050 or FR-808 Icon red and PDT-839 AP > .050	FR-805 Icon red and PDT-836 AP > .050 or FR-806 Icon red and PDT-837 AP > .050	FR-803 Icon red and PDT-833 AP > .050 or FR-804 Icon red and PDT-835 AP > .050	FR-801 Icon red and PDT-831 AP > .050 or FR-802 Icon red and PDT-832 AP > .050	Readings					
On. Tue. Wed. On. Tue. Wed. PM AM PM AM PM Surveil Su	At least one fan/plenum is in service	At least one fan/plenum is in service	At least one fan/plenum is in service	At least one fan/plenum is in service	At least one fan/plenum is in service	Acceptance Criteria	Initials:	Shift:	Weekday:	Date:	
	Sail (9)	Unsat U	Unsat U	Sat) Unsat U	Unsat		B	AM I	Mor	05vB.	
	nsat U	nsat U	nsat U	nsat U	nsat U		$\overline{\mathcal{Q}}$			<u> </u>	(C 10 7 38p.1)
	nsat Ur	nsat Ur	nsat Ur	nsat U	nsat U		28	MP	Tue	27.0	C 10
	Sat Ur	sat Ur	nsat Ur	nsat Ur	nsat Ur	s	8/			,	-
	Say (S	nsat Ur.	Sat Co	nsat Ur	Saj (s	URV Sat.	P	MP	Wed	1-00-	
Thu. Fri. Thu. Fri. Thu. Fri. M PM AM PM ANCE RESULTS sat. (circle one) ANCE RESULTS sat Unsat Unsat Unsat sat Unsat Unsat Unsat unsat Unsat Unsat unsat Unsat Unsat sat Unsat Unsat Unsat		-				EILL / Un			•	~	
Fri. Fri. M AM PM E RESULTS circle one) E RESULTS sat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Sat Sat Sat Sat Sat Sat Sat	sat Un		at Un	Bat Un	Sar Ur	ANC	74 Oct	Ž P	Thu.	5/21/	
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SEE SEE SEE SEE SEE SEE SEE SEE SEE SEE	Sat Un			Sat Ur	Sat Ur	SUL one)	2	ΣP	Fri.	522-1	
	Sat Ur	Sat (S)	ISBE U	sat Ur	at Ur	TS	<u> </u>			_`	
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Su Unsat Uns	(Sau at Unsi	at Uns	at Uns) Sa at Uns	Sa at Uns	\$	\$1	\rightarrow			
Sun. Sun. Sun. Sun. AM PM AM PM Sal Unsat Unsat Unsat Sal Sal Jnsat Unsat Sal Sal Jnsat Unsat Sal Jnsat Unsat Sal Sal Jnsat Unsat Sal Sal Jnsat Unsat Sal Sal Sal Jnsat	at Unsa	Sat at Unsa	Sat at Unsa	Sat at Unsa	Sat at Unsa		R	_	Sun.	2 14	

Surveillance Rounds ATTACHMENT A: Per Shift Surveillance Rounds [UET] (Page 3 of 3)

â					44		SRs	5	be used if ne	the OC when	:
				and 400	< laboratory APs < basement APs for areas 100, 200, 300	Glovebox exhaust header APs	Description		be used if necessary. Document any alternate	the OC when possible, local PDI equivalents may	Note
			400 Area	300 Area	100 Area	200 Arca	Area		nt any alte	ken on ra I equivale:	•
		Comple	PDI-864-2 PDI-852-2 PDI-854-2	PDI-870-2 PDI-853-2 PDI-854-2	PDI-820-2 PDI-802-2 PDI-804-2	PDI-814-2 PDI-803-2 PDI-804-2	Gauge		mate	ck #4 in	•
	×	Completion Time	PDI-864-2 PDI-852-2 PDI-854-2 PDI-854-2 2 < PDI-854-2	PDI-870-2 < PDI-853- 2 < PDI-854-2	PDI-820-2 PDI-802-2 PDI-820-2 < PDI-802- PDI-804-2 2 < PDI-804-2	PDI-814-2 PDI-803-2 PDI-804-2 PDI-804-2	Acceptance Criteria	Initials:	Shin:	Weekday:	Date:
	073(San	(Sat Sat Sat Sat Sat Sat Sat Sat Sat Sat		(Sat) (Sat) (Say)		E	M	Mon.	51/8/150
	1 12 0726 Pat 1	۳	Sat Unsat	(Salv Unsat	Unsat) isa	(2	ž	Š	
R.	226				Tisat Sat	San	,	BC	≥ ≤	Tue	21.17.20
	923		Insat	Sar) nsat	Sat	7		ž	f.	في
3			Sat	Sat	Unsat V	(Sat) Unsat	SUI	P	M	Wed	5-20
	逐		Sat Unsat		Sat	(Sar) Unsat	SURVEII Sat,/U	8	R	غ ا	\$
	0735		Single Si	Sap (Sar) Unsat Unsat	Sa)	(Sat) Unsat	LLAN Jasat.	DAY)	×	Thu.	21/18</td
	1933		Unsat (Sat	Unsat Sat	Sat Sat Car Insat Unsat	(Sat Unsat	CE R	7	PM		
	220		Sing (a)	Sat Sat	Unsat	(Sal) Unsat	ILLANCE RESULTS Unsat. (circle one)	200 K & Ch	MA	Fri.	0525
	6		Sat Sat	Sat Unsat	Sat Unsat	Sat	STS	M	РМ	<i>2</i> 4	
	三		Sat Unsat	Sat Visat Unsat	Unsat Visat	(Sat) Unsat		Ą	ΜV	Sat	5/12/15
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	KP1		(Sat	Unsat	Sat Unsat	San Unsat		R	Mal	ij	15

Note: 3	Note:
SRs 4.1	Mode
.2.x only ap	Mode 2 acceptance criteria is < 0.00 in, we
ply during a	ce criteria i
mode 2 in a	is < 0.00 ir
Note: 2 SRs 4.1.2.x only apply during mode 2 in accordance with LCO 3.1.2.	1. WC
th LCO 3, 1.2.	٠,

Completed the Dut by Date 14/15 Time 1928 Reviewed by:

Comments:

Date: 5/26/15Time:

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 1 of 4)

SR 4.4.1.1, The OPERABILITY acceptance criterion for this surveillance is:

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). storage cabinet. The gas concentration readout directly on the detector in the storage cabinet is compared with the gas concentration readout on The FLAMMABLE GAS detector in the FSTF FLAMMABLE GAS SOURCE storage cabinet is exposed to the ambient atmosphere in the

			4.4.1.1	SR				
	(LCD Reading) (LED Reading)	(DET-305-3) - (CP-305H)	CP-305-H (LED Reading)	Flammable Gas Channel Check DET-305-3 (LCD Reading)	Description / Gauge		•	
Completion Time: 0870	≥-0.1; ≤+0.1	Record Calculated Value		NA	Acceptance Criteria	Initials:	Weekday:	Date:
0810	Sat/ Unsat.	0.0	0.0	0		Nn	Mon.	5/18/15
0835	(Sat) Unsat.	0.0		0		27	Tue.	3/01/5 21-91-3
0800	Sat Unsat.	00	0.0	0,0	SURVEILLANCE RESULTS (percentage)	/m	Wed.	5/10/15
CSIC	Sat / Unsat.	0.0	0.0	0.0	CE RESULTS	Mr.	Thu.	5/11/15
0722	(Saf)/ Unsat.	0.0	0.0	0.0	(percentage)	77	Fri.	5-22-15
0752	Sal. / Unsat. (Sal.) Unsat. (Sal.) Unsat.	0	0.0	0		74	Sat.	5-22-15 5-23-15 5/24/16
0811	Sat.) Unsat.	0.0	0 , 0	٥٠٥		de	Sun.	5/24/18

Surveillance kounds ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side)[UET] (Page 2 of 4)

_			T				Т			T								_				\neg
	1			?	4.1.3.4			4.1.3.4				4.1.3.4		1100.7	4134		4.1.3.4	SKS				
(FF859) AP	exhaust filter plenum	300 area special recovery glovebox		(FF855) AP	300 area glovebox		(FF858) AP	exhaust filter plenum	300 area special		(FF854) AP	300 area glovebox		810) AP	South Corridor supply (HVP-	(HVP-841) AP	South basement	Description				
PDI-821-4	PDI-821-3	PDI-821-1	PDI-818-5	PDI-818-4	PDI-818-2	I-818-I	PDI-819-4	PDI-81 9-3	PDI-81 9-I	PDI-817-5	PDI-817-4	PDI-817-2	¹PDI-817-1	PDI-895-2	1-568-1Gd1	PDI-894-2	'PDI-894-1	Gauge				
$\leq 2.0 \& > 0^{1}$ in. wc	$\leq 2.0 \& > 0^1$ in. wc	≤2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^{1}$ in. wc	<2.0 & > 01 in. wc	≤2.0 & > 0 ¹ in. wc	≤2.0 & > 0 ¹ in. wc	≤2.0 & > 0 ¹ in. wc	≤2.0 & > 0¹ in. wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	$\leq 2.0 \& > 0^4 \text{ in. wc}$	$\leq 2.0 \& > 0^{1} in, wc$	<2.0 & > 01 in, wc	<2.0 & > 01 in, we	≤ 2.0 & > 0¹ in. wc	<2.0 & > 0 in. wc	<2.0 & > 01 in. wc	Acceptance Criteria	Initials:	Weekday:	Date:	
40	.43	.40	.30	.34	.35	.18	(BLS	STBY	STBY	57137	57.BY	XVH3	57BV	58	.10	. 55	.67	7	DW	Mon.	5/18/15	+ 10 7 5gp 1)
. 40	144	. 40	,36	.32	.32	, 28	5784	5789	5-7-BY	STBV	STBY	STAV	STBY	.59	, 10	, 57 57	. 08		797	Tue.	5-19-15	01 +)
.40	ż	.40	.30	. 33	Z	28	5731	57BY	STBY	STBY	STBY	57 BV	V B 45	59	.10	.55	. 08	SURVI	J.M	Wed.	5/10/15	
STBV	57.34	1675	V8Z3	57.BV	ST/3 /	X 0.45	.34	.4/	.4/	.3/	.35	.34	.3)	158	.10	.55	. 70	URVEILLANCE RESULTS	Our	Thu.	5/21/15	
STAY	STBY	STBY	STRY	5784	STRY	STBY	42'	14:	14,	. 3)	.35	3.5	31	ى ئا .	. 10	, 58	.07	ESULTS	79	Fi.	5-22-15	
5 <i>TB</i> Y	578Y	5784	STBY	STBY	STBV	5784	h 8 '	, 4,	14.	, 3 ,	.35	136	.32	+55	.10	. 50	70,		PT	Sat.	5-23-15	
5184	4975	5704	s रक्ष _प	5784	5764	GT84	.35	14.	141	. 32	.37	-32-	.32	,56	,10	.56	80,		day	Sun.	5/24/15	

Surveillance Rounds ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET] (Page 3 of 4)

						T	-		T				_								\neg
			4.1.1.7				4.1.3.4				4.1.3.4				4.1.3.4		SAS	C.			
,	filter plenum (HVP-806) AP	300 area re-circulation		filter plenum (HVP-805) AP	300 area re-circulation		filter plenum	South Basement exhaust		(FF857) AP	400 area glovehox exhaust filter plenum			(FF856) AP	400 area glovebox		Description				
PDI-837-3	PDI-837-2	'PDI-837-I	PDI-836-3	PDI-836-2	¹ PDI-836-1	PDI-830-3	PDI-830-2	'PDI-830-I	PDI-823—5	PDI-823-4	PDI-823-2	¹PDI-823-1	PDI-822-5	PDI-822-4	PDI-822-2	¹PDI-822-1	Gauge				
$\leq 2.0 \& > 0^{1}$ in, we	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	≤2.0 & > 0 ¹ in. wc	≤2.0 & > 0¹ in. wc	≤2.0 & > 0¹ in. wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	$\leq 2.0 \& > 0^{1}$ in. we	$\leq 2.0 \& > 0^{1}$ in. wc	$\leq 2.0 \& > 0^{1}$ in. wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$<2.0 \& > 0^1 \text{ in. wc}$	$\leq 2.0 \& > 0^1 \text{ in. wc}$	≤2.0 & > 0¹ in. wc	≤2.0 & > 01 in, wc	$\leq 2.0 \& > 0^{\circ} \text{ in. wc}$	<2.0 & >0 ³ m, wc	≤2.00 & >01 in. wc	Acceptance Criteria	Initials:	Weekday:	Date:	
.39	.41	.51	.52	.56	.98	.28	.30	.63	4815	STBY	STBY	46153	54.	. 41	50	.76		an.	Mon.	Shehs	
. 39	.41	. 5/	57	25.50	. 48	. 28	30	<i>b</i> %	STRY	578Y	STBY	5764	45	. 41	. 50	, 76		797	Tue.	5-19-15	
.39	.41	(5.	.52	.56	-36	87	30	63	STBY	5781	STBV	5701	.45	47.	.50	.76	' SURV	ha	Wed.	sholis	
, 39	.41	.53	.52	36.	199	.28	.30	.69	.49	.49	:43	.10	5134	STBY	5734	5787	URVEILLANCE RESULTS	a	Thu.	Stell	
. 20	, 4/	្ស	.52	.5%	, 92	, v ,	, 30	. 70	46	. 40	. 45	.10	S T BY	5784	5784	STBY	ESULTS	PT	Fri.	5-22-15	
56 /	141	. 51	, 52	, 58	\$ 52	,):)0	. 30	.70	6 4.	. 48	. 45	. 10	5784	578Y	STBY	STBY		79	Sat.	5-23-15	
739	oh,	,50	,52	.57	,97	, 28	, 8	.70	.49	949	.43	,10	5784	5764	5195	51 <i>6</i> 4		À	Sun.	51/42/15	

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 4 of 4)

Non TSR re				4 5 3	4			4114				4.1.1.7			SRs		_		
Non TSR requirement:	OC Operator Review and Page Count Complete (initials)			plenum (FF-822B) AP	South Bleed off filter		plenum (FF-822A) AP	South Bleed off filter		filter plenum	400 area re-circulation	Τ	filter plenum	400 area re-circulation	Description				
	age Count Com		PDI -811 -3	PDI -811 -2	1 - 118-1Cldr	PDI-810-3	PDJ-810-2	1-018-1Cld1	PDI-839-3	PDI-839-2	¹ PDI-839-1	PDI-838-3	PDI-838-2	¹PDI-838-1	Gauge				
	plete (initials)	. Completion Time	≤2.0 & > 0' in. wc	<2.0 & > 01 in. wc	≤2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^{1}$ in. wc	$\leq 2.0 \& > 0^1$ in, wc	≤2.0 & > 01 in. wc	≤2.0 & > 01 in. wc	≤2.0 & > 0 ¹ in. wc	≤2.0 & > 0¹ in, we	<2.0 & -01 in. we	≤2 0 & > 0 in wc	≤2.0 & 0 in, wc	Acceptance Criteria	Initials:	Weekday:	Date:	
9	軍列	0831	9FG	250	240	.42	.43	_12	.5.	58	44	.51	.55	77	•	Im	Mon.	5/18/15	1 290 1 01
085	be on	7090	OFF	OFF	DFF	. 42	. Y.	14	, 52	υς .	. нч	, 5° /	у. 17	. 47		797	Tue.	5-19-15	3
	Coop	0850	0,47	410	£1.	42	.44	./4	.52	.58	44	.5)	.55	. 47	SURV	No.	Wed.	5/20/13	
	F 25	080	OFF.	250	25.0	.42	.44	.Jy	.52	58	.44	.51	.55	.47	SURVEILLANCE RESULTS (in. wc)	an	Thu.	Shilis	
С	200	075)	OFF	730	0/5	· 43	dh,	. 15	. 52	85 4	. 44	.51	, 55	. 48	ESULTS	79	Fri.	5-22-15	
d	1	0745	077	0 F F	0 5 5	٤4 ،	.46	. 15	٠, ٢, ٢	85.	- 44	15 1	, 5,5	94		P7	Sat.	5-23-15	
0	¥\	2080	-440	्रम् <u></u>	e F	1	77	.15	hsr	85,	, 44	05.	,55	34,		das	Sun.	5/24/15	
/	1	ļ																	

Note: SR 4.1.1.7 applies during mode 1 as stated in LCO 3.1.1. SRs 4.1.3.X apply during mode 1 and mode 2 as stated in LCO 3.1.3.

Completed by: And Law Date 5/24/4 Time 0802 Reviewed by:

Comments _

On-duty Supervisor __ Date: 3/24/5 Time: 1200

Surveillance kounds ATTACHMENT B-2: Daily Surveillance Rounds (PF-4 North Side)[UET] (Page 1 of 4)

		4.1.5.4			31203										4.1.1.7	-			SKG					
		plenum	North Bleed off filter	(11.020.)	plenum plenum			filter plenum (HVP-802) Al ³	200 area re-circulation		filter plenum	200 area re-circulation		filter plenum	Vault re-circulation		filter ptenum (HVP-811) AP	Vault re-circulation	Description					
	PD1-809-3	PDI-809-2	1-608-ICId ₁	PDI-807-3	PDI-807-2	PDI-807-1	PDI-832-3	PDI-832-2	¹PDI-832-1	PDI-831-3	PDI-831-2	¹ PDI-831-1	PDI-841-3	PDI-841-2	¹PDI-841-1	PDI-840-3	PDI-840-2	¹PDI-840-1	Gauge					
	$\leq 2.0 \& > 0^{1}$ in. wc	<2.0 & >01 in. wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^{1}$ in. wc	≤2.0 & > 0¹ in, wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^{1}$ in. wc	≤2.0 & > 0¹ in. wc	<2.0 & > 01 in. wc	$\leq 2.0 \& > 0^{1}$ in. wc	≤2.0 & > 0' in. wc	≤2.0 & > 01 in. wc	<2.0 & > 01 in. wc	<2.0 & > 0 in wc	>2 0 & >01 in. wc	Acceptance Criteria	Initials:		Weekday:	Date:	
100	0 1	OFF	о П П	84.	. 50	. 12	. 0	. 60	.33	.35	٠4٥	. 83	STBY	STBY	YBYS	.50	.55	.16			BF	Mon.	5/18/2015	(1.00.01)
	0 F F	0FF	017	64,	.50	.12	.55	.60	.33	U	OH.	S S	হ্ম ৪५	STBY	STBY	. 50	, 56	.16		•	CS T	≓ :	5/19/2015	
a tt	2	0.65	250	84	.49	.11	.55	6	. 33	.35	.40	. 33	S78 V	ARLS	V-845	.50	. 55	.16	SURV	dir	3		5/20/5	
1	000	340	0	. 나오	50	12	7	.6)	.33	. 3 3	o r	.33	<u>.</u>	.55	.43	2184	2184	STBY	URVEILLANCE RESULTS (in. wc)	7	00	Thu.	5/21/2016	
077	On T	770	OFF F	. 49	- 50	- 12	.57	. 61	. 33	. 35	·40	.34	.51	. 58	.45	2284	भ्धाद	YETE	ESULTS		730	Fri.	5/22/2015	j
OFF		140	OFF	. 49	٠ ٢٥	-12	57	161	£ £ '	, 35	.40	.34	• 50	85.	,45	STRY	5784	57BY		PT		Sat.	5-23-15	
977	170	060	0 FT=	61.	,50	.12	.55	٠,40	. 33	.34	,40	33	٠٥٥′	. 57	,44	5767	5704	5787		day		Sun.	51/45/15	

Surveillance kounds ATTACHMENT B-2: Daily Surveillance Rounds (PF-4 North Side) [UET] (Page 2 of 4)

		4.1.3.4				4.1.3.4				-	4.1.1.7		-		4.1.3.4	-	SKS		_	
	(FF853) AP	100 area glovebox			(FF852) AP	100 area glovebox			filter pleaum	100 area re-circulation		filter plenum (HVP-803) AP	100 area re-circulation		filter plenum (FF-828) AP	North Basement exhaust	Description			
PDI-816-5	PDI-816-4	PDI-816-2	¹PDI-816-1	PDI-815-5	PDI-815-4	PDI-815-2	PDI-815-I	PDI-835-3	PDI-835-2	'PDI-835-I	PDI-833-3	PDI-833-2	¹PDI-833-1	PDI-829-3	PDI-829-2	¹PDI-829-1	Gauge			
<2.0 & > 0 ¹ in. wc	<2.0 & > 0 ¹ in. wc	≤2.0 & > 0 ¹ in. wc	<2.0 & > 0' in. wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	$\leq 2.0 \& > 0^1 \text{ in. wc}$	<2.0 & > 0¹ in. wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	$\leq 2.0 \& > 0^1 \text{ in. wc}$	≤2.0 & > 0 ¹ in, wc	<2.0 & > 0 ¹ in, wc	≤2.0 & > 0¹ in. wc	<2.0 & > 0 ¹ in. wc	≤2.0 & > 01 in. wc	2.0 & > 0¹ in, wc	<2.0 & > 01 in. wc	20 & >01 in. wc	Acceptance Criteria	Initials:	Weekday:	Date:
STBY	STBY	STBY	STBY	٠ ٢	W	.42	. 20	·42	-47	- 16	:45	C 47.	×1.0	8	.39	. 15		14.0	Mon.	5/18/2015
STBY	2784	STBY	YETS	·40	.36	:43	.20	7.1	4h.	6	.45	.47	>1.0	.30	.39	-157		HP.	Tue.	5/18/2015
218 4	7,875	र धरड	Yels	.40	135	Th:	,70	24	94.	316	.45	.46	71.0	,30	.39	./4	SURV	ym	Wed.	5/20/15
.46	.46	. 44	٠40	STBY	ABLE	3784	STBY	. 4 5	.47	.16	-45	84.	>1.0	. 29	. 38	ं।५	SURVEILLANCE RESULTS (in. wc)	7) 100		5/21/2015
9 h·	94.	. 45	.39	भ्राद	STBY	STBY	STBY	h4.	.47	- 16	.45	. Hg	>1.0	.29	%	h1.	ESULTS	T _P O	Fri.	5/22/2013
5.4.5	÷ 42	, 45	. 39	5784	5-84	7875	STBY	2 h '	. 47	÷ 16	, li 4	8h.	>1.0	٥٤،	3.8	.15		TG	Sat.	5-23-15
.45	24,	.42	, 38	57.67	707	5704	4875	,44	34,	, 16	5h.	-24,	21.0	, 29	,37	. 15		dul	Sun.	5/44/5

Surveillance Rounds (PF-4 North Side) [UET] (Page 3 of 4)

			7													SRS			
	(HVP-863) AP	filter plenum		(FF-865) AP	If IT exhaust filter plenum		78		(FF851) AP	200 area glovebox				(FF850) AP	200 area glovebox	Description	7		
	PDI-863-2	¹PDI-863-1	PDI-865-3	PDI-865-2	'PDI-865-1	PDI-813-5	PDI-813-4	PDI-813-3	PDI-813-2	¹PDI-813-1	PDI-812-5	PDI-812-4	PDI-812-3	PDI-812-2	¹PDI-812-1	Gauge			
	≤2.0 & >0' in. wc	<2.0 & > 01 in. wc	$\leq 2.0 \& > 0^1$ in. we	$\leq 2.0 \& > 0^1 \text{ in. wc}$	≤2.0 & > 0¹ in. wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	$\leq 2.0 \& > 0^1 \text{ in. wc}$	$\leq 2.0 \& > 0^{1}$ in. wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	<2.0 & > 01 in. wc	$\leq 2.0 \& > 0^1 \text{ in, we}$	$\leq 2.0 \& > 0^{1} \text{ in, wc}$	$2.0 \& > 0^1 \text{ in. wc}$	$2.0 \& > 0^{1}$ in. wc	$\leq 2.0 \& > 0^1 \text{in. wc}$	Acceptance Criteria	Initials:	Weekday:	Date:
	. 2.8	.05	.39	. 526 ·	.03	STBY	STBY	YBIE	STRY	STBY	J.	.35	.35	.36	· [4		B _F	Mon.	5/18/2015 5/19/2015
	. 2.8	. 05	.40	.35	-56.	STBY	STBY	STBY	STBY	STBY	.3	.35	.36	- 35	.15		5=	Tue.	5/19/2015
	28	.as	39	.32	3	5781	AB 45	STBV	٧٩٧٧	STBY	,30	35	.35	,35	,15	SURV	()N	Wed	stralis
	32	90.	. 4:3	- 35 BF	<u>.</u>	. 25	. 32	. 30	.26	1.03	STBY	STBY	ST87	STBY	578Y	SURVEILLANCE RESULTS (in. we)	38	Thu,	5/21/2015
	. 28	. 08	14.	.35	. 03	. 22	.31	. 3 ₀	.25	1.03	21.BV	STBY	2184	STBY	STBY	ESULTS	£.	Fri.	5/22/2013
	26	80,	,4/	, 35	40,	29	. 31	. 25	,30	1,03	5 784	STRY	5781/	STRV	STRY		74	Sat.	5-23-15
6	, 28	,07	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	, 53	,03	22.	18,	.25	,30	, o ₃	5704	>704	5787	5705	1,025		\$	Sun.	Strats

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

S/18/2015 5/19/15 5/21/2015 5/22/2015 Mon. Tuc. Wed. Thu. Fin. 6F 8F SURVEILLANCE RESULTS -08 -09 -15 -12 -14 -10 -10 -10 -10 -10 -10 -50 -50 -50 -54 -52 SAT SAT SAT SAT SAT SAT SAT SAT SAT SAT SAT SAT SAT SAT SAT				ilme:	Date: D/c/p/2	On duty Supervisor		Neviewed by:			Comments:
Daile \$718/2015 \$7/19/2015 \$7/19/2015 \$7/2015	\sim	Ó	C		8	8			ا and mode 2.	olies during	Note: SR 4.
Date: \$7/9/2015 \$7/9/2015 \$7/2016 \$7	1	1 al	W. San F			87/8	A STATE	ount Complete (initials)	view and Page C	OC Operator Re	I NOT TED
Date: \$18/2015 \$1/2015 \$1/2015 \$1/2015 \$1/2015 \$2/20	0876	0758	2480	9830	0840	0915	7280	Completion time			
Date: \$\frac{\(\sigma\)}{\(\sigma\)} \	SAT	SAT	X	S47	\$	SAT	SAT	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		Rooms 201, 204, 206, & 207	4.3.2.2
Date: 5/18/2015 5/19/15 5/19/15 5/21/2015 5/22/2015 5/23-15 Weekday: Mon. Tuc. Wed. Thu. Fn. Sil. Description Gauge Acceptance Criteria B _Γ B _Γ B _Γ Surveill_ANCE RESULTS	SAT		SAT	SA-T	SA	N F	17°S	0 lb/ft² combustibles in designated exclusion area (within 15 feet of fans)		Combustible exclusion area around basement exhaust fans FE828, FE829 and bleed-off fans FE820A, FE820B, FE820C, FE822A, FE822B, FE822C	N/
Date: 5/19/2015 5/19/15 5/19/15 5/22/2015 5	,10	10	.10		10		.10	≤2.0 & > 0 ¹ in. wc ≤2.0 & > 0 ¹ in wc	PDI-856-1	North corridor supply filter plenum (HVP-809) AP	4.1.3.4
Date: \$\frac{18}{2015}\$ \$\frac{19}{1015}\$ \$\frac{19}{1015}\$ \$\frac{5}{10}\] \$\frac{5}{10}\	64,	54.	bh.	.50	.15	\$00.	. 50	≤2.0 & >0¹ in. wc ≤2.0 & >0¹ in. wc	PDI-857-1	North Basement supply filter plenum (HVP-840) ΔP	4.1.3.4
5/18/2015 5/19/2015 5/21/2015 5/22/2015 5-23-15 Mon. Tue. Wed. Thu. Fri. Sat. BF Mr. 8F 8F 77			ESULTS	EILLANCE R	SUR	:		Acceptance Criteria	Gauge	Description	SRs
5/18/2015 5/19/2015 5/18/15 5/21/2015 5/23-15 Mon. Tue. Wed. Thu. Fri. Sat.	\$	76	8		In	rj G	T B				
5/18/2015 5/19/2015 5/20/15 5/2015 5/22/2015 5-23-15	Sun.	Sat.				Tue.		Weekday:			
	5/24/	5-23-15			5/201	5/19/2015		Date:			

ATTACHMENT A: Per Shift Surveillance Rounds [UET] (Page 1 of 3)

	<u> </u>		T		N -				- 13			I	T		9.0		7
	4.1.1.3 4.1.2.3 ²		ļ		4.1.1.5 4.1.1.5 4.1.2.2 ²			!		4.1.1.1 4.1.2.1 ²		SRs		whenever	Gauge re taken on)	
IRT Tunnel AP	South basement AP	North basement AP	IFIT Facility AP	્ર	300 area laboratory PDI-853-1 or header AP PDI-853-2	100 area laboratory header AP	200 area laboratory header AP	400 area glovebox exhaust header AP	300 area glovebox exhaust header AP	100 area glovebox exhaust header AP	200 area glovebox exhaust header AP	Description	alci alci - Disae (set.	whenever possible. Document if	Gauge readings should be taken on rack #4 in the OC.	Note	
PDT-901 or PDI-901	PDI-854-1 or PDI-854-2	PDI-804-1 or PDI-804-2	PDI-865-5	PDI-852-1 or PDI-852-2	PDI-853-1 or PDI-853-2	PDI-802-1 or PDI-802-2	PDI-803-1 or PDI-803-2	PDI-864-1 or PDI-864-2	PDI-870-1 or PDI-870-2	PDI-820-1 or PDI-820-2	PDI-814-1 or PDI-814-2	Gauge Accel					
< 0.00 in. wc	< 0.00 in. wc	< 0.00 in. wc	≤-0.05 in. wc	<-0.05 in. wc ¹	≤-0.05 in. wc¹	≤-0.05 in. wc¹	<-0.05 in. wc ¹	≤-1.0 in. wc¹	≤-1.0 in. wc¹	≤-1.0 in. wc¹	≤-1.0 in. wc¹	Acceptance Criteria	Initials:	Shift:	Weekday:	Date:	
7092-082	50- 80-	10-10-	-19 -18	- 20 - 20	-19 -20	-21 -22	-,1920	-1,97 1.16	-1,98-1.99	-191	-302-205		D K	AM PM	Mon.	5-28-15	
100 - h80-	Po- 807	-09-10	719 -19	12: 12:	12- 31-	₹3- 18°	31.	191	F 187	-151-193	-101 -2.03		J P U	AM PM	Tue.	St 32.5	
1060 Van	ba- 80-	JI-107	7 -19	Je	- M- M	G: (6-	1114	1.91-191	567-181- Not-		-J.04 -2.03	SURVEIL	020	AM PM	Wed.	5-27-18	
,0 of	D 30,00	01,100	0.19	C. L.	19/19	C. 10.0	3 1.0	tip 76.7-	1 199 199	1.9/ Ja2	1.04 20V	LUANCE (in. wc)	Jan A	AM PM	Thu.	5/18/15	
700- 160.	_ 1 = 1	01-10-	-119-19	Tau - 20	-,30-,20	12 16.		(Lo.1-1617-	1961-196		815/- 10C-	UANCE RESULTS (in. wc)	D W	AM PM	Fri.	5-29-15	
540- 482'		01- 60-	41= 17:	De- 08:	719 -19	- d1 -21	81- 61-	761-161-	1. E.		1961-198		P &	AM PM	Sat.	5 3018	
1990-1980-	Q1- 62-	01-10	19-19	12: 16:	02: 06'-	127 -21	$\overline{}$			28-1-181-	L6(1-991-		2 U	AM PM	Sun.	5.31-15	

ATTACHMENT A: Per Shift Surveillance Rounds [UET] (Page 2 of 3)

								-		_					
	Readings	FMT#15	and 2021 and local p be used if I	SRs					411	4.1.1.0					
Note	Readings should be taken	FMT#151,152,201LD	and 202LD. Field verification and local plenum PDIs may be used if FCS is unavailable.	Description	200 area re- circulation fan/	plenum	100 area re-	plenum	300 area re-	circulation fan/	plenum	400 area re- circulation fan/	plenum	Vault re- circulation	fan/ plenum
				Readings	PDT-831 AP > .050 or	FR-802 Icon red and PDT-832 AP > .050	PDT-833 AP > .050 or	PDT-835 AP > .050	PDT-836 AP > .050	Or .	PDT-837 AP > .050	PDT-838 AP > .050 or	FR-808 Icon red and PDT-839 AP > .050	PDT-840 AP >.050 or	FR-812 Icon red and PDT-841 AP > .050
Date:	Weekday:	Shift:	initials:	Acceptance Criteria	At least one fan/plenum is in	service	At least one fan/plenum is in	service	At least one	fan/plenum is in	service	At least one fan/plenum is in	service	At least one fan/plenum is in	service
5-25-15	Mon.	Md MV	J P		AES (ES)	Unsat Unsat Unsat Unsat Unsat	Sat (Sat	Unsat Unsat Unsat Unsat Unsat	Sat (Sat)		Unsat Unsat Unsat Unsat Unsat	(Sat) (Sat)	Unsat Unsat Unsat Unsat Unsat	Sat Sat	Unsat Unsat Unsat Unsat Unsat
5-26-15		Σ	P		Sai	at Unsat	Sat	at Unsat		(t Unsat	Sa)	ıt Unsat) (ap)	ıt Unsat l
	\rightarrow	PΜ	3		Sat	Unsat	Sat	nsat (Unsat	Sat	Unsat	Sat	Jnsat
52745	Wed.	AM PM	9	SURVEIL Sat. / U	(Sa)	Jnsat (Sat	Jnsat	Sar	$\overline{}$	Jusat		Jnsat L	(E)	nsat C
	\rightarrow	_	A	37 5 3 3	SP)	_	San (4/-	Sai		Sal C	
(m/2	Thu.	MA	7	LANCE RESULTS	(E)	nsat U	Sat	nsat U		7	nsat U		nsat U	Sat	nsat U
7	•	PM /	2,	E RI		nsat U	(S)	nsat U	Sa)	$\overline{}$	nsat U	Sat	nsat U	TES)	nsat U
(2-19-1)	Fri.	AM PM	P	ESUL e one	Sal	nsat	(Sat)	nsat U			nsat U	(Sai)	nsat U		nsat U
_/	-	-	7	TS	Sap	nsat U	(S)	nsat U			nsat U	(Sat)	nsat U	(Salta)	nsat U
5-3045	Sat.	AM F	9			nsat U	São Co	nsat Ui	2) B	_	nsat Uı	Sa Co	nsat U		nsat Uı
		PM A	<u>}</u>		Say	nsat U	Sap &	nsat U	§)		nsat U	Sa) (S	nsat U	San	nsat Ui
5-31-15	Sun.	AM PM	9		Sat Sat	Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat	(E)	Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat			Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat	(Sat)	Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat	(E)	Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat
<u> </u>		ヺヿ	7		R .\	St	(E)	gs.		(}	K	Sal	Sa	(Sat)	ısa

Surveillance Rounds ATTACHMENT A: Per Shift Surveillance Rounds [UET] (Page 3 of 3)

	00 O	-	1,000			_	1	9 0	# /	5
				4.1.1.4		SRs		be used if no PDIs used	re OC when	1
			# 10 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	< laboratory APs < basement APs for areas 100, 200, 300	Glovebox exhaust header APs	Description		be used if necessary. Document any alternate PDIs used	the OC when possible, local PDI equivalents may	Note
100000000000000000000000000000000000000		400 Area	300 Area	100 Area	200 Area	Area		nt any alte	ken on ra Lequivale	}
	Comple	PDI-864-2 PDI-852-2 PDI-854-2	PDI-870-2 PDI-853-2 PDI-854-2	PDI-820-2 PDI-802-2 PDI-804-2	PDI-814-2 PDI-803-2 PDI-804-2	Gauge		mate	nts may	£ 4 ::
	Completion Time	PDI-864-2 PDI-852-2 PDI-854-2 PDI-854-2 2 < PDI-854-2	PDI-870-2 < PDI-853- 2 < PDI-854-2	PDI-820-2 PDI-820-2 PDI-802- Unsat U	PDI-814-2 PDI-803-2 PDI-804-2 PDI-804-2	Acceptance Criteria				
				PDI-802- 804-2	PDI-803- 804-2	ance ria	Initials:	Shift:	Weekday:	Date
	0730 1932-0730 1933	Say (Sat Say (Sat) Say (Sat) Say Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat	Say Unsat	(Sat.) Unsat	(Sal) Unsat		P	λM	Mon.	525-18
l	1932	(Sar Unsat	Sat	Sat	(Sat Unsat)	K	PM	ä	
	0730	Sat	Sat (Sat)	Sat Unsat	(Sat) Unsat		B	АМ	Tue	5-26-15
	\$\$.	Sat Unsat	(Sat Unsat	Sat	(Sat-		u	РМ	ਜ਼	3/
	OTA	(Sat) Unsat	(Sat) Unsat	(Sat) Unsat	Sat Sat Unsa Unsa	SU	2	ΔM	*	5
	Ece		Unsat	Unsat	Sa. Unsat	SURVEI Sat./	ar	PM	Wed.	27-18
	2733	Sat Unsat	Sat) Unsat	Unsat	(Sar) Unsat	L'LAI Unsat	, ex a	AM	=	5/2
	Edin	(Sat Sat) Unsat Unsat	Sat Unsat	(Sat) Unsat	Sar Unsat	CE R	2	Md	Thu.	3/8/5/11/5
I	orşo	Say Unsat	Say Unsat	Sat Sat Unsat	(Sat) Unsat	Unsat. (circle one)	na	N N		
	ELB1	(Sat) Unsat	Unsat	Sat	Un Sai	LTS)	Z	Ma	Fri.	4-29-15
	0130 2561 OCED COLD COLD	Sat (Sat) (S	Say Say (Say (Sat)	(Sat) (Sat Unsat Unsat	(Sat (Sat (Sat (Sat (Sat (Sat (Sat (Sat (Sat (Sat (Sat (Sat (Sat Unsat Uns		9	MV	Ş	5-30-15
	1952	Sat)	Sat	Sat	San	•	5	M	Sat.	
		(Sat) Unsat	(Sa) Unsat	Sat Unsat	(Sal) Unsat		P	ΔM	Sun.	5-31-15
	विक	Unsat	Unsat	(Sat) Unsat	(Sa) Unsat		۲	Mal	in,	15/

	Note:	Note:
- 1	:: 2 SRs 4.1.2.x only apply during m	e: 1 Mode 2 acceptance criteria is
	ng mode 2 in accordance with 1 CO 3 1.2	riteria is < 0.00 in, wc
	F100313	

Completed by: Per Date 5 3 5 Time 1925 Comments:

Reviewed by:

On-duty Supervisor

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 1 of 4)

SR 4.4.1.1, The OPERABILITY acceptance criterion for this surveillance is:

the system control and alarm panel. The difference between the two readings is checked to VERIFY it is in the range of $(\geq -0.1; \leq 0.1)$. storage cabinet. The gas concentration readout directly on the detector in the storage cabinet is compared with the gas concentration readout on The FLAMMABLE GAS detector in the FSTF FLAMMABLE GAS SOURCE storage cabinet is exposed to the ambient atmosphere in the

	Т					Т		
	:		4.4.1.1	SR				
	(LCD Reading) (LED Reading)	(DET-305-3) - (CP-305H)	CP-305-H (LED Reading)	Flammable Gas Channel Check DET-305-3 (LCD Reading)	Description / Gauge			
Completion Time:	>-0.1; +0.1	Record Calculated Value		N A	Acceptance Criteria	Initials:	Weekday:	Date:
0800	Sat.) Unsat.	0.0	0.0	000		2730	Mon.	shis 5/2/15
0754	Sat. / Unsat.	0.0		0.0	10	In	Tue.	5/2/15
0800	Sat.) Unsat.	90	0.0	0 0	SURVEILLANCE RESULTS (percentage)	PT	Wed.	5-27-15
8180	(Sat) / Unsat. (Say. / Unsat. (Sat) / Unsat.	0.0	0.0	d. 0	CE RESULTS	J8	Thu.	5/28/2015
6030	Say / Unsat.	0.0	00	0.0	(percentage)	gr.	Fri.	Stastis
0750	Sax. / Unsat.	0.0	0.0	0.0		Byr	Sat.	5/30/2015
0240	Sat)/ Unsat.	0	0	0		PT.	Sun.	5-31-15

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side)[UET] (Page 2 of 4)

							_															_
		413.4			4.1.3.4				4.13.4			4.1.3.4			Li Li		4.1.3.4	283	GP.			
(FF859) AP	exhaust filter plenum	300 area special recovery glovebox		(FF855) AP	300 area glovebox		(FF858) AP	exhaust filter plenum	300 area special		(FF854) AP	300 area glovebox		810) AP	South Corridor supply (HVP-	(IIVP-841) AP	South basement	Description				
PDI-821-4	PDI-821-3	PDI-821-1	PDI-818-5	PDI-818-4	PDI-818-2	¹PDI-818-1	PDI-819-4	PDI-81 9-3	PDI-81 9-1	PDI-817-5	PDI-817-4	PDI-817-2	PDI-817-1	PDI-895-2	'PDI-895-1	PDI-894-2	¹ PDI-894-1	Gauge				
<2.0 & > 01 in. wc	$\leq 2.0 \& > 0^{1}$ in. wc	≤2.0 & > 0 ¹ in. wc	≤2.0 & > 0 ¹ in. wc	≤2.0 & > 0¹ in. wc	<2.0 & > 0 ¹ in. wc	<2 0 & > 0 in. wc	$\leq 2.0 \& > 0^{1}$ in. wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^1 \text{ in. wc}$	$\leq 2.0 \& > 0^1$ in. wc	≤2.0 & > 0¹ in. wc	<2.0 & > 01 in. wc	≤2.0 & > 0 in. wc	≤ 2.0 & > 0 ⁺ in. wc	<2.0 & > 0 m, wc	<2.0 &>01 in. wc	Acceptance Criteria	Initials:	Weekday:	Date:	
Stbi)	Stby	SHD.	£	Sthy	Stay	Shy	, 35	.4Ø	14.		.34	35	ŢĒ.	ा ज	Q	<u>15</u>	.009	i	JAWA!	Mon.	95/25/S	- (
S7B4	5784	5784	STBY	871.0	5445	77 H L	.35	. 4//	.41	.32	J.I	.35	.32	:55	10	57	.09] 	Ja	Tue.	5/16/15	
5T RY	STAY	STBY	5784	STRY	S TRY	5784	3.5	. 41	111	C32 -	, y	.35	. 3 2	، بر بر	. 10	20 20	,09	SURV	77	Wed	5 27 15	
STRY	STRY	2754	STRY	STOY	57.BY	2754	.36	.41	14.	.52	.37	.34	- 3 2	-61	· <u> </u>	. 59	.09	SURVEILLANCE RESULTS	n n	Thu.	5/20/2015	
5781	5701	STBY	5701	5731	10.5	1878	36	14	14.	.32	.37	.35	32	6/	.10	.57	.09	ESULTS	No-	FI.	5/29/15	
STBY	उन्हर	2784	STRY	STBY	2+B4	SI BY	.37	14.	.41	.52	8≲•	.35	.51	.61	. 10	.52	.09		29	Sat	5/30/2015	
STRY	STBY	STBY	5784	5 7 84	5784	5787	55,	, 41	. 4)	. 32	, J 4	58.	لدا	. 60	. 10	6.5	0 0		PT	Sun.	5-31-15	

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET] (Page 3 of 4)

			4.1.1.7	1007			1			_	4.1.3.4				4.1.3,4	1	SKS			
	filter plenum	300 area re-circulation		filter plenum (HVP-805) AP	300 area re-circulation		filter plenum (FF-829) AP	South Basement exhaust		(FF857) AP	400 area glovebox exhaust filter plenum			(FF856) AP	400 area glovebox		Description	S.		
PDI-837-3	PDI-837-2	¹PDI-837-1	PDI-836-3	PDI-836-2	¹PDI-836-1	PDI-830-3	PDI-830-2	¹ PDI-830-1	PDI-823—5	PDI-823-4	PDI-823-2	¹PDI-823-I	PDI-822-5	PDI-822-4	PDI-822-2	'PDI-822-1	Gauge			
$\leq 2.0 \& > 0^1$ in. wc	$\leq 2.0 \& > 0^1$ in. wc	≤2.0 & > 0¹ in. wc	<2.0 & > 0 in. wc	≤2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^4 \text{ in. wc}$	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	<2.0 & > 01 in. wc	$\leq 2.0 \& > 0^{1} in. wc$	<2.0 & > 01 in. wc	$\leq 2.0 \& > 0^{1} \text{ in, wc}$	$\leq 2.0 \& > 0^{1} in, wc$	$\leq 2.0 \& > 0^1 \text{ in, wc}$	≤2.0 & > 0¹ in _we	2.0 & 01 in. wc	<20 & >01 m, wc	≤2.0 & > 01 in. wc	Acceptance Criteria	Initials:	Weekday:	Date:
	Ĭ.H	.45	ist.	,S	·GB	ಸ್ಥ	ش	R	500	盂	5	8	Silvy	SHY	\$	Shy		1 mg	Mon	ot/as/s
. 65	.41	.50	.53	-56	.98	78	.3/	.69	05.	34	42	.69	5704	VELS	.STBV	YATE	_	das	Tue.	5/16/15
D	14,	5/	.53	4 5 8	98	20	.30	70	. 50	.49	, 43	. 10	STBY	5184	STRV	STBY	SURVI	74	Wed.	5-27-15
K	14.	57	. 58	.58	00	. 23	. 30	.70	.50	,49	.45	0	7875	STBY	27BY	STBY	SURVEILLANCE RESÚLTS (in. we)	9	Thu.	5/28/2015
•39	.41	.51	,53	.56	.98	28	.3/	.69	50	84	.45	ماه	37BY	STBY	5734	358 V	SULTS	Mar	Fri.	5/29/15
. 59	.42	.51	.53	.57	- 98	.28	.5)	.70	.50	.49	. 45	. 10	378Y	STSY	STBY	STBY		79	Sat.	5/30/2015
139	141	5)	,53	.58	* 98	. 24	. 3/	. 10	, 50	. 49	. 43	. 10	5784	5784	44.45	S T R Y		PT	Sun.	5-31-15

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 4 of 4)

- 1	990 P	grant -	8	Case A	J 000k				
0840	00	0000	0831	7/00	Nous P	lete (initials)	age Count Comp	OC Operator Review and Page Count Complete (initials)	00
	, ,		1	2	Jessyll Jessyll	Completion Time			
י ו	13×	330	13.0	Î.	£	≤2.0 & > 0' in, wc	PDI -811 -3	200	i
',	240	9FF	O FF	o f ∓	2号	$\leq 2.0 \& > 0^{1} \text{ in, wc}$	PDI -811 -2	picoum (FF-822B) \P	4.120.4
'3	±50	OFF	0 57	057	aff.	$\leq 2.0 \& > 0^{1} \text{ in, wc}$	1-118-10dt	South Bleed off filter	4 1 4 4
`	.8h°	24.	44	.54	.SH	$\leq 2.0 \& > 0^{1}$ in. wc	PDI-810-3		
	. 49	· 40	54.	45	55	<2.0 & > 0¹ in. wc	PDI-810-2	plenum (FF-822A) AP	2
	21,	.16		is	15	$\leq 2.0 \& > 0^4 \text{ in, wc}$	1-018-ICIq1	South Bleed off filter	i.
	S _t	. 55	, 5 H	.5/	86 8	≤2.0 & > 0 ¹ in. wc	PDI-839-3		
	35,	. 58	, 58	58	5%	$\leq 2.0 \& > 0^3 \text{ in. wc}$	PDI-839-2	filter plenum	
	hh-	. 44	.44	hti-	差	<2.0 & > 01 in. wc	¹PDI-839-1	400 area re-circulation	-
	.5,	:51	, 51	.53	Si Si	$\leq 2.0 \text{ ez} > 0^{1} \text{ in. we}$	PDI-838-3	3	4.1.1.7
91	55	.57	57	55	275VS THE	<2 0 & > 0 in wc	PDI-838-2	filter plenum (HVP-807) AP	-
4	84	.48	.48	84.	-ts	≤2.0 & >0' in. wc	¹PD!-838-1	400 area re-circulation	
92	SULTS	SURVEILLANCE RESULTS (in. wc)	SURVI	_		Acceptance Criteria	Gauge	Description	SRs
	lm	77	74	gu	M My	Initials:			
	Fri.	Thu.		Tue.	Mon.	Weekday:			
129/15	2	5/28/2615	5-27-15	Sholis	05/95/NS	Date:			
				17)	10 1 290 1]

Non TSR requirement:

Note: SR 4.1.1.7 applies during mode I as stated in LCO 3.1.1. SRs 4.1.3.X apply during mode I and mode 2 as stated in LCO 3.1.3.

Completed by: Paul TryilloDate 5-31/5Time 0749 Reviewed by:

On-duty Supervisor

Date: 5/1/15 Time: 0635

Comments _

	ATTACHMENT B-2: Daily Surveillance Rounds (PF-4 Nort
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	(PF-4 North Side) [UET]
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		4.13.4			4.1.3.4			·	•					4.1.1.7				SNS	S B			
	plenum (FF-820B) AP	North Bleed off filter		ptenum (FF-820A) AP	North Rived off filter	31	filter plenum (HVP-802) AP	200 area re-circulation		filter plenum (HVP-801) Al ²	200 area re-circulation		filter plenum (HVP-812) AP	Vault re-circulation		filter plenum (HVP-811) Al ³	Vault re-circulation	Description				
PDI-809-3	PD1-809-2	PDI-809-1	PD1-807-3	PDI-807-2	¹ PD1-807-1	PDI-832-3	PDI-832-2	PDI-832-1	PDI-831-3	PDI-831-2	1-1831-I	PDI-841-3	PDI-841-2	¹PDI-841-!	PDI-840-3	PDI-840-2	'PDI-840-1	Gauge				
≤2.0 & > 0¹ in. wc	≤2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	≤2.0 & > 0 ¹ in. wc	≤2.0 & > 0 ¹ in. wc	$<2.0 \& > 0^1$ in. wc	<2.0 & > 0 ¹ in. wc	≤2.0 & > 0 ¹ in. wc	≤2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	<2.0 & > 0 m. wc	<2.0 & > 0 ¹ in, wc	≤2.0 & > 0¹ in. wc	<2.0 & > 0 ¹ in. wc	<2 0 & > 0 in. wc	≤2.0 & > 0¹ in. wc	2.0 & > 0 in wc	<2.0 & 0¹ in. wc	Acceptance Criteria	Initials:	Weekday:	Date:	
330	Off	270	Yes	20	21.	.55	,60	,33	, 35	. yo	.33	.50	.58	- F	STBY	5704	5734		Care	Mon.	5/25/15	(1 480 1 01 4)
SEE	η Π	740	. 49	.50	. 12	.56	.60	.33	. 35	o L	. U	-50	.57	.45	Втву	STBY	Yars		-0	Tue.	5/26/2015	1 4)
430	OK 77	710	P.H.	.50	.12	. 55	.60	. 54	.35	.40	178.	. 5°o	.57	. 45	STRY	STBY	2+B7	SURV	T	Wed.	5/27/2015	
0 F T	340	OFF	. 50	50 0	12	-57	,60	.34	-85	.4.	.34	.50	গু	.45	5784	STBY	STBY	SURVEILLANCE RESULTS	20	Thu.	5/28/2015	
off	aff:	27.0	.50	.5/	. 12	56	.60	,34	.34	.40	.33	50	.57	Z	5734	5704	5704	ESULTS	Mr.	Fi.	5/29/15	
OFF	120	OFF	. 50	, 5 (, / 2	- 57	090	.34	>25*	· HO	.34	51	+59	545	5784	5784	5784	_	76	Sat.	5.30-15	, Y
057	055	OFF	. 50	.5)	, 12	, 5° 4°	. 60	45.	135	04.	48.	.51	. 59	. 45	STRY	5784	578V		PT	Sun.	5-31-15	

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

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		4.1.3.4	_			4.1.3.4					4.1.1.7				4.1.3.4		SKS	-			
	(FF853) AP	100 area glovebox			(FF852) AP	100 area glovebox			filter plenum	100 area re-circulation		filter plenum (HVP-803) AP	100 area re-circulation		filter plenum (FF-828)	North Busement exhaust	Description				
PDI-816-5	PDI-816-4	PDI-816-2	¹ PDI-816-1	PDI-815-5	PDI-815-4	PDI-815-2	1-518-IGd1	PDI-835-3	PDI-835-2	'PDI-835-1	PDI-833-3	PDI-833-2	PDI-833-1	PD1-829-3	PDI-829-2	¹ PD1-829-1	Gauge				!
$\leq 2.0 \& > 0^1 \text{ in. wc}$	≤2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^{1}$ in. wc	≤2.0 & > 0¹ in. wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	<2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^1 \text{ in. wc}$	<2.0 & > 0 ¹ in. wc	≤2.0 & > 0 ¹ in, wc	≤2.0 & > 0 ¹ in. wc	≤2.0 & > 0 ¹ in. wc	≤2.0 & > 0 ¹ in. wc	≤2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	≤2.0 & > 01 in. wc	2.0 & > 0' m, wc	Acceptance Criteria	Initials:	Weckday:	Date:	
Y.Y.	7 P.	2h'	, 38	STIBY	ACUS	STYBY	इ.फ.न	.42	, 48	16	·5.	. 48	>1.0	.30	36	:15		0,40	Mon.	1/25/15	(Page 2 of 4)
. 45	144.	.44	.38	STBY	STBY	STBY	218Y	. 45	. 48	.16	. H&	- 48	>1.0	.30	. 55 55 55 55 55 55 55 55 55 55 55 55 55			70	Tuc.	5/24/2015)I 4)
.45	.45	+44	. 40	STBY	STBY	5784	STBY	H.F. (747	.16	. 45	.47	>1.0	.30	.39	.15	SURV	g ^L	Wcd.	5/27/2015	
-45	.45	hh.	,39	2184	STRY	2784	STBY	- 4S	.48	.16	.45	.46	>1.0	.30	.38	.15	URVEILLANCE RESULTS (in. wc)	78	Thu.	3/20/2015	
.45	&	.53	.39	57131	57.37	5787	578Y	44	46	.16	. 45	Ch'	71.0	30	.37	14	SULTS	a.		5/29/15	
. 45	143	٠, ١	129	STRY	5784	5787	5784	2 H -	47	16	, 45	, C Ø	7/10	0	. Z .	, /4	2	PT	Sat.	5-30-15	
. 45	.42	. US	· 30	5784	STBY	< 7 BY	5730	۲,	. 49	16	2.11	44	>1.0	22	98	21.		77		5-3)-15	ı

ATTACHMENT B-2: Daily Surveillance Rounds (PF-4 North Side) [UET] (Page 3 of 4)

						Т											T^{-}			7
		41.14			4.1.3.4				4.1.3.4					4.1.3.4		SRS				
	(HVP-863) AP	filt supply filter plenum		(FF-865) ΔP	filter plenum	1000			(FF851) AP	200 area glovebox				(FF850) AP	200 area glovebox	Description				
	PD1-863-2	PDI-863-1	PDI-865-3	PDI-865-2	PDI-865-1	PDI-813-5	PDI-813-4	PDI-813-3	PDI-813-2	¹PD1-813-1	PDI-812-5	PDI-812-4	PDI-812-3	PDI-812-2	¹PDI-812-1	Gauge				
	$\leq 2.0 \& >0^{1} \text{ in, wc}$	$\leq 2.0 \& > 0^1 \text{ in. wc}$	≤2.0 & > 0 ¹ in. wc	$\leq 2.0 \& > 0^1 \text{ in. wc}$	≤2.0 & > 0 ¹ in. wc	≤2.0 & > 0 ^t in. wc	$\leq 2.0 \& > 0^{1}$ in, wc	$\leq 2.0 \& > 0^1 \text{in. wc}$	$\leq 2.0 \& > 0^1 \text{in. wc}$	$\leq 2.0 \& > 0^1 \text{in. wc}$	<2.0 & > 0 ¹ in. we	≤2.0 & > 0 ¹ in, wc	$\leq 2.0 \& > 0^{1} \text{in, wc}$	≤2.0 & >01 in wc	2.0 & 0 in. wc	Acceptance Criteria	Initials:	Weekday:	Date:	
	28	Lo	, HO	, 3),	۴٥,	.25	, 31	.25	Çi O	G	STOX	\$773 Y	अन्छ प	2734	5134		0,40	Mon.	5/25/15	
	. 27	.07	.40	. 35	. 03	- 25	32	. 24	30	1.04	ሃይተያ	STBY	STBY	STBY	STBY		OF.	Tue.	5/26/2015	ļ
	.28	.07	. 40	.35	, o4	.25	-31	.26	.30	1.05	STBY	STBY	5784	STBY	STBY	SURVI	8r	Wed.	5/27/2015	
	8.2	80	.40	. 35	. 0 3	·24	.31	.27	. 30	1.04	STBY	5TB\)	STBY	STBY	STBY	SURVEILLANCE RESULTS (in. wc)	87	Thu.	5/28/2015	
8	18	.07	.40	33	10.	.24	3	22.	.30	40.1	STBY	STIB Y	STBY	STBY	54.87	SULTS	Or	Fin.	5/29/15	
28	3	707		Mx.	70.	24	3)	22 26	. 30	40 1	5784	578y	578V	5781	5784		74	Sat.	5-30-15	
X		.07	- 1	H.S.	. 2	. 27	2	20	٥٤٠	1.04	STBY	5784	STBY	C784	STBV		74	Sun.	5-31-15	

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

ATTACHMENT D-2: Monthly Surveillance Rounds (CAS) (Operations Center) [UET]

			(Page 1	01 1)	
SR	Desc	ription	Acceptance Criteria	Sat. / Unsat,	Initials:
	Channel #	Location		20.7	200
4.2.1.1	1	Rm. 201	> I mR/hr	Sat. / Unsat.	Joj
	2	Rm. 106	> 1 mR/hr	(Sat) / Unsat	202
	3	Rm. 305	> 1 mR/hr	(Sat.) Unsat.	to
	4	Rm. 401	> 1 mR/hr	Sat./ Unsat.	+00
	5	Rm. 206	> 1 mR/hr	(Sat)/ Unsat.	105
	6	Rm. 114	> 1 mR/hr	(Sat.)/ Unsat.	for
	7	Rm. 319 W	> 1 mR/hr	(Sat)/ Unsat.	100
	8	Rm. 409	> I mR/hr	(Sat)/ Unsat	702
	9	Rm. 208	> 1 mR/hr	(Sat) / Unsat	402
	10	Rm. 124	> 1 mR/hr	Sat / Unsat	400
	11	Rm. 319 E	> 1 mR/hr	(Sat)/ Unsat	1/2-
	12	Rm. 420	> I mR/hr	(Sat.) Unsat.	100
	13	Rm. 209	> 1 mR/hr	(Şat.)/ Unsat.	10-
	14	Rm. 126	> 1 mR/hr	(Sat) / Unsat.	402
	15	Rm. 327	> 1 mR/hr	Sat. / Unsat.	102
	16	Rm. 429	> 1 mR/hr	(Sat)/ Unsat.	402
	17	Vault 17	> 1 mR/hr	Sat / Unsat.	702
	18	Vault 18	> 1 mR/hr	Sat / Unsat	402
	19	Vault 19	> 1 mR/hr	(Sat) / Unsat	502
	20	Vault 20	> I mR/hr	(Sat.)/ Unsat	7752

Note: These readings SHALL be taken on the rate meters in rack RK-801-3 in the OC.

Completed by:

Date 51 11 Time 0118

Reviewed by:

On-duty Supervisor

Comments:

ATTACHMENT D-1: Monthly Surveillance Rounds (Confinement Doors) [UET]

(Page 1 of 2)

B is	\$	5	5	1 (f)		-
Initials	4	}	A.M.	14-14.	12/	Je de
Date:	51/1/5	5/1/15	51/2/15	51/1/5	5/7/18	51/15
Completion Time:	9721	1244	(333	1347	1348	1343
Sat or Unsat.	Sgr. / Unsat.	Sat) Unsat.	(Sat)/ Unsat.	Say/ Unsat.	(SaD / Unsat.	(Sat.) Unsat.
Acceptance criteria	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	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).	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).	Verify that the Astragals and Jamb-Seaf 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	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 [caf of the door(s) is secured shut (NW, NE, SW, SE, south basement door).	AND VERIFY and RECORD the time (using calibrated stop watch) that the door(s) go to the fully closed position via the automatic door closure is seconds.
Location	Southeast	Southeast	Northeast	Northwest	Northwest	
Equipment	Confinement DR-344	Confinement Door DR-344	Confinement Door DR-149	Confinement DR-102	Confinement Door DR-102	
SRs	*Note	4.1.3.2	4.1.3.2	*Note	4.13.2	

*Note: Monthly Inspection of DR-344 and DR-102 in accordance with compensatory measure(s) from: Request for Permanent Equivalency to OF Order 420,1B Chapter 11, NFPA 80, NFPA 101 and IBC Requirements for LANL Building TASS-4 (PF-4); Installation of New Confinement Doors DR-102, DR-302, and DR-344 LANL-DOE-ORDER-420 1 B-EO-2013-001

ATTACHMENT D-1: Monthly Surveillance Rounds (Confinement Doors) [UET]

(Page 2 of 2)

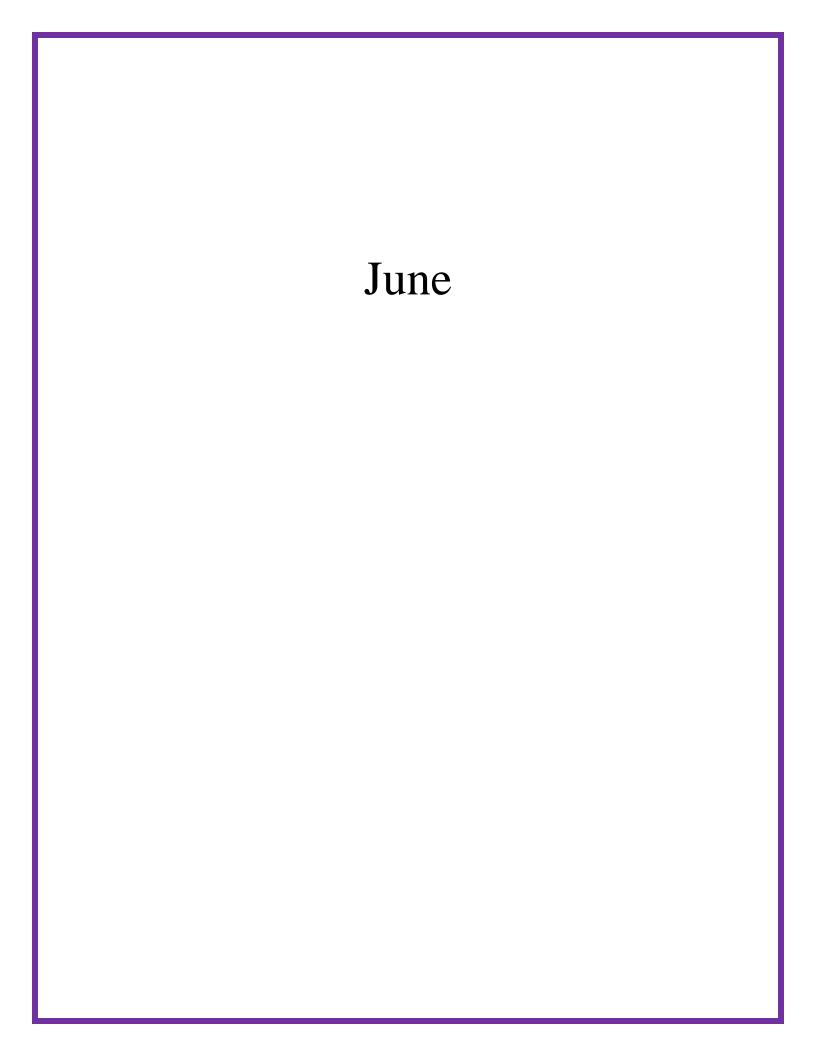
			(
SRs	Equipment	Location	Acceptance criteria	Sat or Unsat.	Completion Time:	Date:	Initials
			Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure.	Sa)/ Unsat.		5/17,	
¢	Confinement Door		For each confinement door, VERIFY that one leaf of the door(s) is secured shut (NW, NE, SW, SE, south basement door).		1435	51/ mu	₹
70	DR-302	Sommon	AND VERIFY and RECORD the time (using calibrated stop watch) that the door(s) go to the fully closed position via the automatic door closure is \(\le 30\) seconds.	(Sa) / Unsat.	1427	mu 51/1/5	۶ ٤
4.1.3.2	Confinement Door DR-4	N. Basement Personnel door DR-4	Exercise faily open and Verify that the door goes to the fully closed position via the automatic door closure.	Sab/ Unsat.	L(4)	5/1/15	\$
4.1.3.2	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.	100	5/1/15	*
			OC Operate	r Review an	OC Operator Review and Page Count Complete	Complete	7

Note; SR 4.1.3.2 applies during mode 1 and 2.

Completed by: Ne O. Mar Jang

Date 5-7-15 Time 1450 Reviewed by: L

On-duty Supervisor Comments:



Attachment B, Surveillance Training Checklist

(Page 1 of 2)

Procedure title:	SURUELLANCE ROUNDS
Procedure no.:	TA55- STP-004 P17
Date of issue:	6/1/5
Working copy issued to:	PRICE
Working copy issued by:	PRUE
	Certified Operations Center Operator

	0 / -		
Working copy issued to:	PRICE		
Working copy issued by:	PRUE		
	Certifie	d Operations Center Opera	ator
Operations Center Oper	ator Review	1 74/15	-
	nature	D	ate
Required Reading for this Surveil	lance has been completed.	(0)/	
Workers Performing	g Surveillance	Applicable Surveillanc	e Training Current
		Initials	Date
2 BRISCOE		u	6/1/15
B CHANCE		ىر	
D DUNLAUY	L()/	u	
STAVOL C		a	
P LUM		и	
A DETIZ		u	
F SETBERT		n	
J SMELTZ		٦	
2 PRICE		~	
A DUS EITH		N_	
Comments:			
	<u> </u>		

Comments:			
	 -		

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

Training Checklist (continuation sheet)

Training Checklist (continuation sheet)		
Workers Performing Surveillance	Applicable Surveillance	Training Current
	Initials	Date
J MARTINEZ	4	6/1/5
P 7721140	u	
T LANGWORTHY	u	
7 Hother	u	
M IRISH	u	<i>X</i>
A HEREERA	"	
A SAMCHEZ	a	
B FORDHAM	n/	V
<u> </u>	7	
\ \ \ \ \		
	12.14	
7.0/		
	×	
	<u> </u>	

ATTACHMENT A: Per Shift Surveillance Rounds [UET] (Page 1 of 3)

					(,			,					
i	Note		Date:	(1/1/5)	56/2	1	6/3/15	16/4	1/16	0/2/	19	6/12	1/1/0	\ <u>\</u>
Gauge re	Gauge readings should be taken on rack #4 in the OC.		Weekday:	, Mon.	Tue.	e.	Wed.	, T	rhu.	' Fri.		Sat.	Sun.	i i
whenever	whenever possible. Document if		Shift:	AM PM	1 AM	PM,	AM PM	1 AM	PM	AM P	PM AM	M PM	AM	PM
affernate P	altemate PDIs are used.	3	Initials:	20 PM	(3)	8	900	13	3	18	1/2	1	B	80
SRs	Description	Gauge Accep	Gauge Acceptance Criteria)		_	SURVEILLANCE RESULTS (in. wc)]] 	ANCE F	ESUL	TS			
	200 area glovebox exhaust header AP	PDI-814-1 or PDI-814-2	<-1.0 in. wc¹	26t CO. 1.	gil-	2017	pt-1-601	0,7	70-201	10	00°C 86-1-	857-0	10-2-107-851-	-2.01
4.1.1.1	100 area glovebox exhaust header AP	PDI-820-1 or PDI-820-2	<-1.0 in. wc	191	199	15-	191	9/	7-1-	1-1-6-1	161 051-	1-13	1917,97-191	<u>e.</u>
	300 area glovebox exhaust header AP	PDI-870-1 or PDI-870-2	<-1.0 in. wc¹	1,000	178 197	1-98	35	96125-1-	36	1699	967-861-	9-1-98	198	90.
	400 area glovebox exhaust header AP	PDI-864-1 or PDI-864-2	<-1.0 in. wc'	10/1-168	0	181	21- 201	197 197	5	193	- 50 \ 95 h	51.75	1.95-195	-155
_	200 area laboratory PDI-803-1 or header AP PDI-803-2	1000	<-0.05 in. wc¹	10,00	100	(5)	PI-18-19	P-0	19	0,0	2010	9.	7/4	8
	100 area laboratory PDI-802-1 or header AP PDI-802-2	761	<-0.05 in. wc	CECKET NO	223	23	12: 0:		12-	02 Q	BO 22	3. 2.	77	12
$4.1.1.2$ $4.1.1.5$ $4.1.2.2^{2}$	300 area laboratory PDI-853-1 or header AP PDI-853-2		<-0.05 in. wc¹	02:00-	, 1090 c	28,	B.	10,9	19	0.00	CE Á	'2	6	91.
	400 area laboratory PDI-852-1 or header AP PDI-852-2		≤-0.05 in. wc¹	12,00,00	10,3	7	2. 2.	00.0	4	12: 14:0		77.75	12	1,2
	IFIT Facility AP	PDI-865-4 or PDI-865-5	<-0.05 in. wc	P1-080	10,0	اِط	19-19	0107	2	7. 2.	P.0.81	61: 1) .	9(,
	North basement AP	PDI-804-1 or PDI-804-2	< 0.00 in. wc	01-010	0,00	.10	01-01	0)0	2	e é	0,000	10.	01.	0.
4.1.1.3	South basement AP	PDI-854-1 or PDI-854-2	< 0.00 in. wc	1.000	60.0	9	01-10	610	-10	Ciá	010001	0.	0,	01:
	IRT Tunnel AP	PDT-901 or PDI-901	< 0.00 in. wc	10,01915-1010-	9.0.9		101- 500	POLO.	<u>, sol</u>	101.0	(a) Q (a)	10	Col Lesi	96,

ATTACHMENT A: Per Shift Surveillance Rounds [UET] (Page 2 of 3)

-				יב	(1 ago 4)	(6.10			1			201		
;	Note		Date:	1110	15/6	2/15	6/3/15	19	4/15	15/0		19/0	1/2	7/17
Readings using FC	Readings should be taken using FCS screens		Weekday:	Mon.		T'ue.	Wed.		Thu.	Fri.	١ .	Sat.	S	Sun.
FMT#15	FMT#151,152,201LD		Shift:	AM F	PM AM	1 PM	AM P	PM AM	I PM	AM	PM	AM PM	A AM	PM
and 2021 and local p be used iff	and 202LD. Freid ventication and local plenum PDIs may be used ifFCS is unavailable.		Initials:	BR	18	4	7 000	R	3	18	3	13	0	97
SRs	Description	Readings	Acceptance Criteria)			SURVEILLANCE RESULTS Sat. / Unsat. (circle one)	RVEILLANCE RESUL Sat. / Unsat. (circle one)	NCE 1 t. (circ	RESUI	TS (
75.01	200 area rc- circulation fan/	FR-801 Icon red and PDT-831 AP>.050 or	At least one fan/plenum is in	Leg (Sa)	Sal		Sar Sar	Tes Safe	(Sat	(gg)	®		Sal	
	plenum	FR-802 Icon red and PDT-832 AP > .050	service	Unsatiu	nsat Uns	at Unsat	nsat Unsat Unsat Unsat Unsat Unsat	sat Unsa	Unsat Unsat Unsat Unsat	Unsat	nsat U	Unsat Unsat		Unsat Unsat
	100 area re- circulation fan/	FR-803 Icon red and PDT-833 AP >.050 or	At least one fan/plenum is in		Tug Tug	3	Sab (Sat	a Sat	(Sat		(3)	(a)	(§)	(3)
	plenum	FR-804 Icon red and PDT-835 AP >.050	service	Unsat U	Unsat Unsat	at Unsat	Unsat Unsat Unsat Unsat	sat Unsa	t Unsat	Unsat Unsat Unsat Unsat Unsat	nsat U	nsat Uns	at Unsat	t Unsat
4.1.1.6	300 area re- circulation fan/	FR-805 Icon red and PDT-836 AP >,050 or	At least one fan/plenum is in	LE STATE OF THE ST	Tigg Tigg		+ ES	Sat	Sat	3	(a)	Say	®	(SE)
	plenum	FR-806 Icon red and PDT-837 AP >.050	service	Unsat Unsat Unsat Unsat	ısat Uns	at Unsat	Unsat Un	Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat	t Unsat	Unsat	nsat Ur	ısat Uns	at Unsa	Unsat
	400 area re-	FR-807 Icon red and PDT-838 AP >.050	At least one fan/olenum is in	Sat	Sat Sat		Sat	Sat	Sat	THE STATE OF THE S	©	Say	Sal	
	plenum	FR-808 Icon red and PDT-839 AP > 050		UnsatUr	Unsat Uns	at Unsat	Unsat Unsat Unsat Unsat		Unsat Unsat Unsat Unsat Unsat Unsat	Unsat U	nsat Ur	ısat Uns	at Unsat	Unsat
	Vault re-	FR-811 Icon red and PDT-840 AP>.050	At least one	Sat	Sar Sat		(Sah (Sat	at (Sat)		Sat S	(Fig.	Sat Sat	Sai	Sar
	fan/ plenum	FR-812 Icon red and PDT-841 AP >.050	ran/pienum is in service	フ:Dusat Cr) sat Uns	at Unsat	Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat	sat Unsa	t Unsak	Unsat U	nsat Ur) Nat Uns	at Unsa) san

ATTACHMENT A: Per Shift Surveillance Rounds [UET]

Surveillance Rounds

(Page 3 of 3)

		ųį.				3					
X	Sun.	I.W	3				Sat	Sat Unsat	Sat		[42]
20	₹	۷W	9			Sat	(<u>Sat</u>) Unsat	Sa) Unsat	Sat		olgl
15	글	Ϋ́	B			Chsat	Sat	Sat			1926
1/0)	Sat.	WV	18			Unsat	Sat Unsat	Sat	Chrsat		0721192 073 11926 0731 1923
115	Ĭ.	Ma	G.	ST	_		Chastat		Sent Unsadi		1926
5/9	ld ,	WV	B	ESUI	e one	Chsat	Cnsat	Sat	Chisat Chisat		0721
1/15	t Iu.	Мd	13	CE R	15	Sat Unsat	Sat Unsat	Sat	Sat	1 10 11	1424
1/0)	41.	WV	B	SURVEILLANCE RESULTS	Sat. / Unsat, (ctrcle one)	Sat Unsat	Chisat	Sat Cnsat	Sat		Sab
Note Should be taken on rack #4 in Weekday: $O(1) \le O(3) \le O(3) \le O(4) $.pc	PM	3	RVEI	Sat. /	Sat Crisat	<u>Sat</u> Unsat	(Sat) Unsat	Sat		1922
Weekday: Mon. Tuc. Wed. Thu.	Wc	٧V	000	SUI	1	Sal	Sat Sat Unsat Unsat	Sat	Sat		5220
Weekday: Mon. Tuc. Wed. Thu.	Ċ,	Ψ	B		1	E SE	te je	E S			Phys orres
Date: 6/1/15 6/2/15 6/3/15 6/4/15 6/	Tu.	ΜV	(A)			Sar Unsat	Cnsat	Sag Insag	See See See See See See See See See See		570H
/15	on.	PM	M			Sat	Sat	in its contract of the second			0731 1981 0787
Weekday: Mon. Tuc. Wed. Thu.	, MC	МΛ	12	,	(Sar Unsat	Sat Unsat	Unsat	Sat		073
Weekday: Mon. Tuc. Wed.	Weekday:	Shift:	Initials:	Aeceptance	Criteria	PDI-814-2 < PDI-803- 2 < PDI-804-2	PDI-820-2 < PDI-802- 2 < PDI-804-2	PDI-870-2 < PDI-853- 2 < PDI-854-2	PDI-864-2 < PDI-852-0 2 < PDI-854-2	300	
Date: 6/1/15 6/2/15 Weekday: Mon. Tuc.	ck #4 in nuts may	rnate		Canao	Gauge	PDI-814-2 PDI-803-2 PDI-804-2	PDI-820-2 PDI-802-2 PDI-804-2	PDI-870-2 PDI-853-2 PDI-854-2	PDI-864-2 400 Area PDI-852-2 PDI-854-2	Completion Time	
Date: (6/1/15/6/ Weekday: Mon.	ken on ra Lequivale	nt any alte		вы ү	210	200 Area	100 Area	300 Area	400 Area		
Note	Gauge readings should be taken on rack #4 ir the OC when possible local PDI equivalents may	be used if necessary. Document any alternate		Description		Glovebox exhaust header APs	< laboratory APs < basement APs for areas 100, 200, 300	and 400			
(Gauge read	be used if no	PDIS used.	SRs	8060		4.1.1.4				

Note: ¹ Mode 2 acceptance criteria is < 0.00 in. wc Note: ² SRs 4.1.2x only apply during mode 2 in accordance with LCO 3.1.2.

Completed by: (15)

Reviewed by: Date 2 115 Time 1923

On-duty Supervisor

Date: 4/2/15

Z

Comments:

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 1 of 4)

storage cabinet. The gas concentration readout directly on the detector in the storage cabinet is compared with the gas concentration readout on 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 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).

Sec.		Date:	51-1-9	4.2-15	Date: 6 1-15 6-2-15 6/4/2015	6/4/2015	6.5.15 6/6/15	6/6/15	6/2/15
		Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
		Initials:	77	79	77	BF	ph	B	A.
	Description / Gauge	Acceptance Criteria			SURVEILLANCE RESULTS (percentage)	CE RESULTS	(percentage)		
	Flammable Gas Channel		Š						
SR	DET-305-3 (LCD Reading)	NA A	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.4.1.1	CP-305-H (LED Reading)					(?	
		Description of the second	0.0		0.0	5	9.0	7,	0.0
	(DET-305-3) - (CP-305H)	Necord Carculated Value	0.0	0.0	0.0	0.0	0.0	0,0	0.0
	(LCD Reading) (LED Reading)	> -0.1; <+0.1	Sat / Unsat.	Sat / Unsat. Sat. / Unsat.	Sat.) Unsat.	Sat/ Unsat. (Sat/ Unsat. (Sat/ Unsat.	Sat?/ Unsat.	Say/ Unsat.	Sat Unsat.
		Completion Time:		2410 0480	0826	0800	0821	0200 0100	0750

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side)[UET]
(Page 2 of 4)

				(T 10 2 0 5 1)	(1.7)				20 00 00 00 00 00 00 00 00 00 00 00 00 0	
			Date:	6-1-15	6.2-15	6-3-15	6/4/2015	6.5.15	10/10/12	6/1/15
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri,	Sat.	Sun.
			Initials:	Pr	Pr	PT	82	sh	18	JM.
SRs	Description	Gauge	Acceptance Criteria			SURVE	SURVEILLANCE RESULTS (in. wc)	SULTS		
4.1.3.4	South basement	1-894-1	$\leq 2.0 \text{ & > 0}^{1} \text{ in. wc}$. 09	60,	60.	60.	60,	60'	60.
	(HVP-841) AP	PDI-894-2	$<2.0 \text{ & } > 0^{1} \text{ in. wc}$	15.	.57	15,	.5.	.52	12/2	.57
	South Corridor supply (11VP-	1-895-1	$\leq 2.0 \text{ k/s} > 0^{1} \text{ in, we}$	//:	11.	177	-11	01.	01,	01.
7	810) AP	PDI-895-2	$\leq 2.0 \text{ & > 0}^{1} \text{ in, wc}$	09	60	19.	19.	.60	,60	9
		1-718-10d ₁	≤2.0 & > 01 in. wo		131	. 3/	.32	,31	15'	.3.7
4.1.3.4	300 area glovebox	PDI-817-2	$\le 2.0 \text{ &> } 0^1 \text{ in, wc}$.35	35	.35	.34	.35	32	35
	exhaust Iller plenum (FF854) AP	PDI-817-4	$\leq 2.0 \& > 0^3 \text{ in. wc}$	45.	483	.35	.35	. 34	,35	.35
		PDI-817-5	$\leq 2.0 \text{ & > 0}^{1} \text{ in. wc}$	3,		. 3/	. 32.	35.	32	. 32
,	300 arca special	PDI-81 9-1	$\leq 2.0 \ \& > 0^{1} \ \text{in. wc}$	04.		16.	.41	14.	1/- '	1/7:
4.1.4	recovery glavebox exhaust filter plenum	PDI-81 9-3	$\leq 2.0 \& > 0^1 \text{ in. wc}$	14.)/"	///	<i>}</i>	14.	15'	14.
	(FF858) AP	PDI-819-4	$\leq 2.0 \ \text{\&} > 0^4 \ \text{in. wc}$.34	`	454	.35	.34	,JS/	34
		1-818-10d ₁	$\leq 2.0 \text{ & } > 0^{1} \text{ in. wc}$		•	STRV	STBY	5787	5724	57.34
4.1.3.4	300 area glovebox	PDI-818-2	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	#518% S.		57.87	STBY	57.67	h2/5	X5773.Y
	(FF855) AP	PDI-818-4	$\leq 2.0 \ \& > 0^1 \ \text{in. wc}$	STBY	STRY	5787	STBY	37.87	h8/5	1,E172.
		PDI-818-5	$\leq 2.0 \ \& > 0^{1} \ \text{in. wc}$	57.By	5784	STBY	STEA	5164	2014	7873
.A.,	300 area special	PDI-821-1	$\leq 2.0 \& > 0^1 \text{ in. wc}$	S 7.8y	STBY	STRY	STBY	5187	h875	57.07
÷	exhaust filter plenum	PDI-821-3	$\le 2.0 \text{ &> } 0^1 \text{ in. wc}$	57.87	STRY	STRY	5764	57.6%	424	57.3%
	(FF859) AP	PDI-821-4	$\leq 2.0 \& > 0^{1}$ in. wc	STRY	STBY	5787	ST84	57.84	hU15	57.13 V

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ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET] (Page 3 of 4) Surveillance Rounds

			2,000	(rage 5 01 +)	14)					
			Date:	21-1-9	6-2-15	6-3-15	6/4/2015	6.5.15	4/10/4	31/0/9
			Weekday:	Mon.	Tue.	Wed.	Thu.	Prii	Sat.	-Sun.
			Initials:	74	74	74	87	ek	A	lh.
SRs	Description	Gauge	Acceptance Criteria			SURVE	SURVEILLANCE RESULTS (in. wc)	SEULTS		
		¹ PDI-822-1	$\leq 2.0 \mathcal{R} > 0^4$ in. wc	STBY	578Y	5784	STBY	57.84	STRY	heus
4.1.3.4	400 area glovebox	PDI-822-2	$<2.0 \& > 0^4$ in. wc	STBY	5787	STRY	STBY	57.64	CARY	SYBU
	exhaust filter plenum (FF856) AP	PDI-822-4	$\leq 2.0 \text{ eV} > 0^4 \text{ in, we}$	STBY	STBY	5784	STBY	ST.8V	184	1816
		PDI-822-5	$\leq 2.0 \& > 0^{1}$ in. We	5784	SYBY	5 787	STOV	57.67	1/34	STIBU
		¹PDI-823-1	\leq 2.0 & > 0 ¹ in. wc	100	011	1/0	0].	.10	01	9.
4.1.3.4	400 area glovebox	PDI-823-2	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	42	. 43	. 45	hh.	090	1	59
	(FF857) AP	PDI-823-4	$\leq 2.0 \ \& > 0^{1} \ in. \ wc$	9.	64.	, 49	.49	19.	19'	19.
		PDI-823—5	$\leq 2.0 \ \& > 0^1 \ in. \ wc$. 50	44	, 50	.50	-62	62	79
•	South Basement exhaust	'PDI-830-1	$\leq 2.0 \& > 0^4 \text{ in. wc}$	69,	64	69.	. 69	89.	,68	89
4.1.1.4	filter plenum	PDI-830-2	$\leq 2.0 \& > 0^4 \text{ in. wc}$.3/	. 3)	31	.3(18.	02	.30
		PDI-830-3	$\leq 2.0 \ \& > 0^{1} \ in. \ wc$. 29	.29	1.29	. 29	.29	68'	62.
	300 area re-circulation	¹PDt-836-1	$\leq 2.0 \text{ & > } 0^1 \text{ in. wc}$.97	86 *	, مه	98	.97	86'	26
	filter plenum	PDI-836-2	$\leq 2.0 \& > 0^3 \text{ in. wc}$	\$5	.58	,58	85.	95.	,57	20
4.1.1.7		PDI-836-3	$\leq 2.0 \text{ &> } 0^1 \text{ in. wc}$. 52	, 52	.52	.53	.53	53	. 525
	300 area re-circulation	1-758-1041	$\leq 2.0 \& > 0^4 \text{ in, wc}$. 50	, 51	,51	15.	15'	1,5,	15.
	filter plenum	PDI-837-2	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	14.	141	14-	٠ ٦٠	14.	1/2	/4.
		PDI-837-3	$\le 2.0 \text{ & > 0}^{1} \text{ in. wc}$. 39	, 39	139	. 39	,34	.18	.39

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 4 of 4)

			Date:	6.1-15	6-2-15	6-3-15	6/4/2015	6.5.15	6/6/15	5/16/9
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	PT	75	76	85	190	13	Mar
SRs	Description	Gauge	Aeceptance Criteria			SURVE	SURVEILLANCE RESULTS (in. wc)	esults	Ú	
	400 area re-circulation	'PDI-838-1	$\leq 2.0 \text{ & > 0^1 in. wc}$	64.	64.	64.	44	87	\$	84.
	filter plenum	PDI-838-2	<2.0 & > 0 in. wc	. 45	. 5.5	:57	.55	,56	56	3,5
4.1.1.7		PDI-838-3	$\leq 2.0 \text{ & > 0}^4 \text{ in. we}$	1.51	121	151	.5[.50	12	/5.
	400 area re-circulation	1-839-1	$\leq 2.0 \text{ & > 0}^{1} \text{ in. we}$	34:	. 45	145	hh-	. 45	ph'	hh.
	filter plenum	PDI-839-2	\le 2.0 & > 0 ¹ in. wc	65.	. 59	, 59	. 58	,59	100	85
		PDI-839-3	$\leq 2.0 \text{ & > 0}^4 \text{ in. wc}$	54	, 5 H	45,	.53	154	5/2	.53
1	South Bleed off filter	1-018-IQd1	$\leq 2.0 \text{ & > 0}^{-1} \text{ in, wc}$	al.	16	, 15	91.	51.	<i>þ/</i>	3/.
;	plenum (FF-822A) AP	PDI-810-2	$\leq 2.0 \text{ &> } 0^1 \text{ in. wc}$	67.	49.	64 -	64.	84.	2p'	ch.
		PD1-810-3	$\leq 2.0 \& > 0^4 \text{ in. wc}$	64.	848	87	87.	. 45	43	24.
	South Bleed off filter	1 - 118- IOd ₁	$\leq 2.0 \text{ &> } 0^1 \text{ in. wc}$	0 65	DEK	OFF	OFT	026	250	250
÷::::	plenum (FF.822B) AP	PDI -811 -2	$\leq 2.0 \ \& > 0^1 \ \text{in. wc}$	OFF	OFE	OFF	7±0	770	OFF	. L
		PDI -811 -3	$\leq 2.0 \text{ & > 0}^{1} \text{ in. wc}$	OFF	OFF		71.11.0	0,66	B	7.5
			. Completion Time	2160	0810	0060	083.9	6737	0480	36
00	OC Operator Review and Page Count Complete (initials)	age Count Comp	lete (initials)	70 05	2		ONO COND	The state of the s	Charle	T
Non TSR requirement:	ement:			M	1	1	P		2	

Note; SR 4.1.1.7 applies during mode 1 as stated in LCO 3.1.1. SRs 4.1.3.X apply during mode 1 and mode 2 as stated in LCO 3.1.3.

Reviewed by: Completed by: Zane M Date 6/2/15 Time 0210

On-duty Supervisor

Date: 48/15 Time: 12-20

Comments

Surveillance Rounds

ATTACHMENT B-2: Daily Surveillance Rounds (PF-4 North Side)[UET] (Page 1 of 4)

SRs				19	6/41		17		/ /	
SRS			Date:	11/2015	14/2015	7 2015	2/4/2015	(. s- i s	10/10/15	6/1/15
SRs			Weekday:	Mon.	Tue.		Thu.	Frī.	Sat.	Sun.
SRs			Initials:	D L	BF	85	&F	Ź	1/R	(m
	Description	Gauge	Acceptance Criteria			SURVE	SURVEILLANCE RESULTS (in. wc)	SULTS		
Val	Vault re-circulation	¹ PDI-840-1	$<2.0 &> 0^1 \text{ in. wc}$	STBY	STBY	STBY	STBY	5737	5734	5.07
	filter plenum	PDI-840-2	<2.0 & > 0 in we	STBY	ST87	3784	STBY	ST6Y	4.134	57137
		PDI-840-3	<2 0 & > 0' in. wc	STEY	STBY	STBY	STBY	STOY	My 5	5434
4.1.1.7 Val	Vault re-circulation	1PDI-841-1	<2.0 & $>$ 0 in, we	- 45	.45	5h.	.45	120	2/2 Day	.45
	filter plenum	PDI-841-2	$\le 2.0 \& > 0^1 \text{ in. wc}$	3 <u>5</u>	.58	85.	.59	59 2	146 450	80
	(710- 141	PDI-841-3	$\leq 2.0 \& > 0^{1} \text{ in. wc}$.50	.50	1.5.	15.	So re	05000	os:
200 a	200 area re-circulation	1-1831-1	$\leq 2.0 \& > 0^1 \text{ in. wc}$. 33	.34	78.	hE.	75	74	34
	filter pleasum	PDI-831-2	$\leq 2.0 \& > 0^{1} \text{ in. wc}$. 40	•40	oh-	04.	0 h	ch.	. 40
		PDI-831-3	$\leq 2.0 \& > 0^4 \text{ in. wc}$	-37	98.	35	.55	3%	33	33
200 m	200 area re-circulation	¹PDI-832-1	$\leq 2.0 \& > 0^3 \text{ in. wc}$.33	.33	h£.	ንድ.	5.5	33	33
	filter plenum	PDI-832-2	$\leq 2.0 \& > 0^4 \text{ in. wc}$. 60	09.	60	.60	09	09	.60
		PDI-832-3	$< 2.0 & > 0^1 \text{ in. wc}$. 55	.56	. 5 G	.56	٦٤٠	, 55	55,
		1-208-IGd ₁	$\leq 2.0 \& > 0^{1}$ in. wc	.12	. i.2	. 12	.72	.12	13	.12
1.1.3.4 Nort	North Bleed off filter plenum	PDI-807-2	$\leq 2.0 \& > 0^{1}$ in. wc	. 50	. ज्ञा	.50	.50	.50	05,	.50
	(FF-820A) Δ1'	PDI-807-3	<2.0 & > 0 in. wc	.50	.50	. 50	.50	,50	os'	50
	North Blood of files	1-608-ICd ₁	$\leq 2.0 \ \& > 0^{1} \ \text{in. wc}$	71.0	OFF	0770	077	850	013	0.65
4.5.1.4	ptenum (FF-820B) AP	PDI-809-2	$\le 2.0 \& > 0^1 \text{ in. we}$	710	0 F F	345	0FF	550	240	OFF
		PDI-809-3	<2.0 & > 0 in. wc	350	0 TT	0 F.F.	210	250	220	450

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

				· ·	(1 1					
			Date:	1/2015	6/2/2015	6/3/2015	4/4/2015	6 5-15	1/0/10	21/0/9
			Weekday:	Mon.	Tue		Thu.	Fri.	Sat.	Sun.
l			Initials:	a) fr	77	B _F	ΒF	3	P	A.
SRs	Description	Gauge	Acceptance Criteria			SURV	SURVEILLANCE RESULTS (in. wc)	SOUTS		
	North Resembles of house	I-628-IQI	$<2.0 &> 0^1 \text{ in. wc}$	-14	H1.	h).	<u>.</u> T	٠.	(13	.13
4.1.3.4	filter plenum (FF-828)	PDI-829-2	$\leq 2.0 \text{ & > } 0^{1} \text{ in, we}$. 35	.37	-36	.37	, 30	73	3/
		PDI-829-3	<2 0 & > 0' in wc	.29	.29	62.	. 29	۲, ۲۶	,25	. 25
	100 area re-circulation	1-101-833-1	<2.0 & > 0 ¹ in. wc.	V.0	>1.0	>1.6	0.1<	216	71.0	21.0
	filter plenum (HVP-803) AP	PDI-833-2	<2.0 & > 0 in, wc	418	.48	٠4٩	871.	54.	145	94
4.1.1.7		PDI-833-3	$\le 2.0 \& > 0^1 \text{ in. wc}$.46	.46	.46	75.	. 45	<i>f</i> + '	54,
	100 area re-circulation	1-583-I	<2.0 & > 01 in. wc	91.	.16	.16	91.	11.	2	3/
	filter plenum (HVP-804) AP	PDI-835-2	<2.0 & > 0 in. wc	.48	85.	. 48	84.	sh.	34.	74.
	3	PDI-835-3	<2.0 & > 01 in. wc	.45	.43	.44	. 43	£h'	42	74
		1PDI-815-1	<2.0 & > 0 in, we	STBY	STBY	STBY	STBY	STOY	4815	57.8 V
4.1.3.4	100 area glovebox	PDI-815-2	$\leq 2.0 \& > 0^4 \text{ in. wc}$	STBY	STBY	STBY	STBY	ST67	12/15	37.8 y
	(FF852) AP	PDI-8154	<2.0 & > 01 in. wc	STBY	STBY	STE	STBY	STAY	1845	27.84
		PDI-815-5	<2.0 & > 0 ⁴ in. wc	5787	STBY	STBY	STEV	STBY	hells	57.87
		1-918-10d1	<2.0 & > 0 in. wc	.39	.39	.39	ક્રવ	p5,	32	3.8
4.1.3.4	100 arca glovebox	PDI-816-2	<2.0 & > 01 in. wc	٠45	94.	.45	94.	44.	85'	E
	exhaust tilter pienum (FF853) AP	PDI-816-4	$\leq 2.0 \ \& > 0^1 \ \text{in. wc}$. 4th	.45	.45	.45	. 4S	\Sp'	45
		PDI-816-5	$\le 2.0 \& > 0^3 \text{ in. wc}$.48	. 48	. 48	&ት ·	٠٧۶	ht.	Ch

ATTACHMENT B-2: Daily Surveillance Rounds (PF-4 North Side) [UET] (Page 3 of 4)

				(1 10 C 29m 1)					,	
		3	Date:	6/1/2015	6/2/2015	6/3/3016	6/4/2015	51-5-9	6/6/8	6/2/15
Weekday:	Week	Week		Mon.	Tue.	Wed.	Thu.	F	Sal.	Sun.
Initials	Initia	Initia	ls:	BF	8F	BF	BF	3	A	M
Description Gauge Acceptance Criteria		Acceptance Criteri	=			SURVE	SURVEILLANCE RESULTS (in. wc)	SULTS	ں ا	
200 area glovebox ¹ PDI-812-1 2.0 & > 0 ¹ in. we		$2.0 \text{ & } > 0^1 \text{ in. v}$	ve	STBY	STBY	STBY	SYBY	STAY	1445	STRV
exhaust filter plenum PDI-812-2	2.0	2.0 & > 01 in. w	٥,	5×84	SrBy	5781	STBY	STBY	1484	STBV
PDI-812-3 <20 & > 01 in wc	\$20		ွ	STBY	STBY	5784	STBY	ST67	1845) K
PDI-812-4 <2.0 & 0' in wc		<2.0 & > 0' in w	6	STBY	STBY	STBY	STBY	STAY	404	STBY
PDI-812-5 $\leq 2.0 \text{ & } > 0^{1} \text{ m, wc}$	\dashv	$\leq 2.0 \text{ & > 0}^{1} \text{ m. wc}$		5787	STBY	STEY	STBY	Y872	hab	787
200 area glovebox 1PDI-813-1 <2 0 & > 0 1 in. wc		<2.0 & > 0 in. wc		1.05	1.05	1.04	1.04	1.04	1,07	1.03
(FF851) AP PDI-813-2 <2.0 & > 0 ¹ in. wc	- 1	$\leq 2.0 \& > 0^{4}$ im. wc		.30	.30	.31	.30	30	,30	30
PDI-813-3 <2.0 & > 0 ¹ in. wc	J.C.d	\leq 2.0 & > 0 in. wc		. 25	.26	.28	.28	,28	82	82.
PDI-813-4 <2.0 & > 0 ¹ in. wc	1	$\le 2.0 \text{ & > } 0^1 \text{ in. wc}$	-T	.31	· 8)	18.	.3.	.31	170	.30
PDI-813-5 <2.0 & >01 in, wc		$\leq 2.0 \text{ & > } 0^1 \text{ in, wc}$. 25	.25	.25	.25	.22	70'	77
IFIT exhaust 1 PDI-865-1 \leq 2.0 & > 0 1 in. we filter plenum	-	\leq 2.0 & > 0 ⁴ in. wc	\neg	.03	٠٥٤ (.02	. 53	٠٠١	ha	74.
(FF-865) $\Delta P = PDI-865-2 \le 2.0 \& > 0^4 in, wc$		<2.0 & >01 in. wc	\neg	.35	.33	.32	. 32	.32	17	34
PDI-865-3 $\leq 2.0 \text{ & > 0}^{-1} \text{ in. wc}$		$\leq 2.0 \text{ &> } 0^1 \text{ in. wc}$.40	.39	٠4٥	67.	38	05'	04
HPIT supply PDI-863-1 \leq 2.0 & > 0 in. wc filter plenum		$\leq 2.0 \& > 0^{1}$ in, wc		80.	8	. og	80.	, C.	18	3
(11VP-863) ΔP PDI-863-2 $\leq 2.0 \& >0^{4}$ in. we		<2.0 & >01 in. wc	$\neg \neg$. 28	. 28	. 29	62.	.29	38	7.08

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

(Page 4 of 4)

				(
			Date:	6/1/2015	6/2/2015	43/2015	6/4/2015	6-5-15	5/19/19	6/2/15
			Weekday:	Mon.	Tue.		Thu.	Fri.	Sat.	Sun.
) ()			Initials:	BF	87	B _Γ	13F	3	1/2	She
SRs	Description	Сяпвс	Acceptance Criteria			SURV	SURVEILLANCE RESULTS	ESULTS		
	North Basement supply filter plenum	¹ PDI-857-1	$< 2.0 \& > 0^4 \text{ in. wc}$	<u>.</u>	.13	51.	, w	. tq	60,	h
4.C.1.4	(HVP-840) AP	PDI-857-2	$\leq 2.0 \text{ &} > 0^{-1} \text{in. wc}$	84.	.48	67	84.	, z.	17	Ch.
4.1.3.4	North corridor supply filter plenum	1-958-IOJ-	$\leq 2.0 \text{ &} > 0^{1} \text{ in wc}$. 15	.14	hI ·	Ы.	7.	, 12	14
i.	(HVP-809) AP	PDI-856-2	<2.0 & > 0 in. wc	12.	.57	ŠŠ	.58	35	1	2
, A	Combustible exclusion area around basement exhaust fans FE828, FE829 and bleed-off fans FE820A, FE820B, FE820C, FE822A, FE822B, FE822C	3	0 1b/ft² combustibles in designated exclusion area (within 15 feet of fans)	SAT TATE	SAT	SAT	SAT	Set	¥	Je S
4.3.2.2	Rooms 201, 204, 206, & 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	O \$	A F	SAT	SAT	A	J.K.S.
1			Completion time	0000	10910/	0060	6817	0150	0)200	1080
	OC Operator Rev	OC Operator Review and Page Count Complete	ount Complete (initials)	10 P	7/10	Myor	Bus	MIL	1 Chart	The same
J Non TCD	Non TCD requirement				1	7				A V

¹ Non TSR requirement Note: SR 4.1.3.4 applies during mode 1 and mode 2.

Completed by: Reviewed by:

Comments:

On-duly-Supervisor

ATTACHMENT A: Per Shift Surveillance Rounds [UET] (Page 1 of 3)

				1	,	`				,			8		-	
	Note		Date:	18/9	مِا	21-69	E.	10/10	19/2	1//>	16/12/12	k	21-51-5		6 m/H	平
Gauge re taken on	Gauge readings should be taken on rack #4 in the OC.		Weekday:	Mon.	'n.	Tue.	-	Wed.	•	Thu.	F	Fri.	Sat.	<u></u>	Sun.	·
whenever	whenever possible. Document if		Shift:	AM	PM /	AM P	PM A	AM PM	1 AM	M PM	AM	PM	AM	PM.	AM	PM
alternate P	altemate PDIs are used.		Initials:	7	9	3	9	18	14	100	3	Ø	ठ	4	3	9
SRs	Description	Gauge Accepta	ptance Criteria				S	URVE	ILLA (ii)	SURVEILLANCE RESULTS (in. wc)	RESU	ILTS	1	1		
	200 area glovebox exhaust header AP	PDI-814-1 or PDI-814-2	<-1.0 in. wc¹	1.99	187	702	-200 2.01		7,0	7.01.107.201.198	198	-201	1.86	-1.97-199		-F98
4.1.1.1	100 area glovebox exhaust header AP	PDI-820-1 or PDI-820-2	<-1.0 in. wc	197	191	1-161-	1, 491-	198	2	161-149-1-861 7261-	16.	791-197	192	150-191	2,	-1.90
	300 area glovebox exhaust header AP	PDI-870-1 or PDI-870-2	<-1.0 in. wc¹	# / ·	-1,78	- 9-	49/1861-	191	1987/991-	7-1-59-1	1.98		+	816 -181-	+	11.98
	400 area glovebox exhaust header AP	PDI-864-1 or PDI-864-2	<-1.0 in. wc ¹	-1.98	\(\frac{1}{2}\)	-198	7196/1961-	74	96/1761-	156	1.56-1.96	161-951-		J.: [-95]-		16.)-
	200 area laboratory PDI-803-1 or header AP	PDI-803-1 or PDI-803-2	<-0.05 in. wc	1.19	719 -		P.02 81.	P. P.	8-19	1.8	۴, او	61'-	+	30/-		301.1
	100 area laboratory PDI-802-1 or header AP PDI-802-2	PDI-802-1 or PDI-802-2	<-0.05 in. wc¹	-12	-181	- 12:	-: R(10,1	12.	10°91	13	12,2	10.	02.	10'-	12,	(e'-
$\begin{array}{c} 4.1.1.2 \\ 4.1.1.5 \\ 4.1.2.2^2 \end{array}$	300 area laboratory PDI-853-1 or header AP PDI-853-2	PDI-853-1 or PDI-853-2	<-0.05 in. wc¹	A .	-9.0 -	- 61:	0, 91	04		87.	02:-	731	3	61:	2.	30
	400 area laboratory PDI-852-1 or header AP PDI-852-2	PDI-852-1 or PDI-852-2	<-0.05 in. wc ¹	02-	790	÷ 02:	18-00 0E=	72	9	ं दें	ຄາ້-	10	. 2ð	02:08:	-	24.
	IFIT Facility AP	PDI-865-4 or PDI-865-5	≤-0.05 in. wc	2.19	-191-	7 61.	A0, P1.	<u>'ā</u>	%	20	Ы.	- 19	-17	2		- 19
	North busement AP	PDI-804-1 or PDI-804-2	< 0.00 in. wc	-, 10	-10	- O1'-	0,000	01,	i .	15	0	0).	5.	01-	91-	7:1
4.1.1.3	South basement AP		< 0.00 in. wc	01,	01,-	el:-	0,00,01,-	01:01	Cr. O.	'R'	٠. ا٩	3	-03	C11-	8.	=
	IRT Tunnel AP	PDT-901 or PDI-901	< 0.00 in. wc	10.0	160° Dal-		10,01 101-	10.	٥١٥	8,	Q01'-	-10n	2602	101.	160.	7.

ATTACHMENT A: Per Shift Surveillance Rounds [UET]

					_					-					
	1/2	Sun.	ΡM	9		8	Unsat	Sat	Unsat	3	Unsat	(3)	Unsat	(3)	Unsat
	(14)	ัฐ	AM	3		Teg	Unsat	(FS)	Unsat		Unsat	\$	Unsat	(3)	Unsat
	13	Sat.	ΡM	9		Sal	Unsat	Sal	Unsat	Sat)	Unsat	Sat	Unsat	3	Unsat
	6 13.13	Š	ΑM	ડ		Sat	Unsat Unsat Unsat Unsat Unsat	Sat	Unsat Unsat Unsat Unsat Unsat Unsat	Sat	Unsat	(E)	Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat	Sat	Unsat
	12/15	Fri.	PM	9	LTS e)	Sat	Unsat	Sat	Unsat	Sa	Unsat	(S)	Unsat	(S)	Unsat
	21/9	Fr	AM	3	RESU	(S)	Unsat	Sar	Unsat	Sat	Unsat	Sat	Unsat	Sar	Unsat
1	1/8	u.	PM	ag'	CE F		Unsat	D	Unsat	8	Unsat	(8)	Unsat	(8)	Unsat
İ	6/3	Thu.	AM	B	SURVEILLANCE RESULTS Sat. / Unsat. (circle one)	(a)	Unsat	(3)	Unsat	(3)	Unsat	Sat	Jusat	To the second	Unsat
1	1,15	òd.	PM	33	VEIL it./U		Unsat	(3)	Unsat		Unsat	(Eg)		(Sal)	Unsat
	10,01	Wed.	AM	B	SUR	(Tage)	Unsat	(3)	Unsat Unsat Unsat Unsat Unsat Unsat	(3)	Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat		Unsat Unsat Unsat Unsat Unsat Unsat	(8)	Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat
<u> </u>	~	G	PM	9		Sal	Unsat	Say	Unsat	(3)		(S)	Unsat	Sail	Unsat
2 of 3)	6-9-15	Tue.	AM	3		Seff	Unsat	Sat	Unsat		Unsat	Sat	Unsat	Sat	Unsat
Page	نخ	n.	PM	9		Sat	Unsat	(Sal	Unsat	Sar	Unsat	3	Unsat	Sa	Unsat
	6/4/5	Mon.	AM	2	-	(Sal	Unsat Unsat Unsat Unsat Unsat		Unsat	B	Unsat Unsat Unsat Unsat	Sat	Jusat	Sait	Jnsat
	::	ı,	ft:	ls:	93	one is in		one is in		one is in		one is in		is in	
	Date:	Weekday:	Shift:	Initials:	Acceptance Criteria	At least one an/plenum is in	service	At least one an/plenum is in	service	At least one an/plenum is in	service	At least one any least one	service	At least one	service
		×			A co	At fan/p	, va	At fan/pl	S	At fan/pl	, vs	At fan/ol	מי	At l	S
					s	FR-801 Icon red and PDT-831 AP > .050 or	FR-802 Icon red and PDT-832 AP > .050	FR-803 Icon red and PDT-833 AP > 050 or	FR-804 Icon red and PDT-835 AP > 050	FR-805 Icon red and PDT-836 AP > 050 or	FR-806 Icon red and PDT-837 AP > .050	PDT-838 AP > .050 or	FR-808 Icon red and PDT-839 AP > 050	cd and >.050	FR-812 Icon red and PDT-841 AP >.050
		5			Readings	R-801 Icon red and PDT-831 AP > .050	² R-802 Icon red and PDT-832 AP > 050	'R-803 Icon red and PDT-833 AP >.050 or	R-804 Icon red and PDT-835 AP >,050	R-805 Icon red and PDT-836 AP >,050 or	² R-806 Icon red and PDT-837 AP >.050	PDT-838 AP >.050 of	'R-808 Icon red and PIJT-839 AP > 050	R-811 Icon red ark PDT-840 AP >.050 or	R-812 Icon red and PDT-841 AP >.050
					Rea	FR-80	PDT-802	FR-80	FR-804	FR-805	FR-806	FR-807 PDT-8	FR-808	FR-811 Icon red and PDT-840 AP > .050 or	FR-812
			•	tton .y e.		e- an/		re- fan/		e- an/		re- fan/			
	,	be tak s	OTIC E	ventica Ns ma availab	Description	200 area re- circulation fan/	plenum	100 area re- circulation fan/	plenum	300 area re- circulation fan/	plenum	400 area re-	plenum	t re-	enum
	Note	ould screen	152,20	. Frekt num PI Sisum	escri	200 circul	Ē,	100 circul	<u>d</u>	300 g	pf	400 circul	þ	Vault re-	fan/ plenum
	Z	Readings should be taken using FCS screens	FMT#151,152,201LD	and 202LD. Field verification and local plenum PDIs may be used if FCS is unavailable.				<u> </u>							-
	;	Read	FMT	and 2 and lox be use	SRs					4.1.1.6					
L						L									

ATTACHMENT A: Per Shift Surveillance Rounds [UET]

Surveillance Rounds

(Page 3 of 3)

ſ			2	٦	Ī	1 5 5	₹ ä	Sau	E E	3.
	1/2	Sun.	M- PM	,		(Say	at Unsat		at Unsat	2
ŀ	<u>.</u>		W.V	3	-					60
		Sat.	Ϋ́	9		PDI-814-2 PDI-814-2 < PDI-803- Sat Sat Sat Sat Sat Sat Unsat				
L	6-13-15		Ϋ́	ડ						
-	出い	Fri.	ž	9	LTS	Sab	Clovebox exhaust 200 Area PD1-803-2 PD1-804-2 2 < PP1-804-2 2 < P1-804-2 2 < PP1-804-2 2 < P1-804-2 2 < P1-8			
-	6/4	- 12-	Μ<	3	ESU le one	Unsat		Sat	Sat	735
1	X	u.	PM	8	CE R	Clovebox exhaust 200 Area PDI-814-2 PDI-814-2 PDI-814-2 PDI-814-2 PDI-814-2 PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PD				
ŀ	6/1	Thu	МΛ	B	LAN					
	1	d.	Md	18	VEII					
	10110	Wed	νм	B	SUR					
ŀ	^		PM	4		Sat	Clovebox exhaust 200 Area PDI-804-2			
	1-6.9	Tuc.	NΛ	S		Completion Area Gauge Criteria Cri				
ŀ	1		P.M	9						
-	0/8/0	Mon	WV	3						
	Date:	Weekday:	Shift:	Initials: [Acceptance Criteria		ion Time			
		ck #4 in onts may	тате		Description Area Gauge Criteria Sat Sat Unsat Complete					
		ken on ra I equivale	nt any alte	d .						
	Date: 6/8/5 6-9-15 6/1	Cauge readings should be taken on rack #4 ir the OC when possible local PDI equivalents may	be used if necessary. Document any alternate		Description	Glovebox exhaust header APs		and 400		
3		Cauge read the OC when	be used if ne		SRs		4.1.1.4			

Note: ¹ Mode 2 acceptance criteria is < 0.00 in. wc Note: ² SRs 4.1.2.x only apply during mode 2 in accordance with LCO 3.1.2.

Bate 6 1415 Time 1930 Completed by: CW

Reviewed by:

Ŀ

- Date: **4/6/** On Addit Supervisor

Comments:

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET]

Surveillance Rounds

(Page 1 of 4) SR 4.4.1.1, The OPERABILITY acceptance criterion for this surveillance is:

storage cabinet. The gas concentration readout directly on the detector in the storage cabinet is compared with the gas concentration readout on The FLAMMABLE GAS detector in the FSTF FLAMMABLE GAS SOURCE storage cabinet is exposed to the ambient atmosphere in the 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).

5	,			_			at.	
1-4-1	Sun.	74		0.0	0,0	0,0	Sat.) Unsi	
6-13-15 6-14-15	Sat.	74		0.0	0'0	0.0	Sat // Unsat.	
6/1415	Fri.	an	(percentage)	0.0	0.0	0.0	Sat/ Unsat.	7676
6/10/2015 6-11-15 6/14/15	Thu.	74	SURVEILLANCE RESULTS (percentage)	0.0	0.0	0.0	Sat) Unsat. Sat) Unsat. Sat) Unsat. (Sat) Unsat.	4, 0
6/10/2015	Wed.	8 _F	SURVEILLAN	0.0	0	0.0	Sat) Unsat.	0.750
1 1		I		0.0	a. 6	0.0	Sat)/ Unsat. (Sat.)/ Unsat.	PLLO
51-6-1 2002/8/	Mon.	BE		0	٥. ٥	0.0	Sat)/ Unsat.	0745
Date:	Weekday:	Initials: BE	Acceptunce Criteria	ΑN		Record Calculated Value	≥ -0.1; <+0.1	Completion Time:
	5		Description / Gauge	Flammable Gas Channel Check DET-305-3 (LCD Reading)	CP-305-H (LED Reading)	(DET-305-3) – (CP-305H)	(LCD Reading) (LED Reading)	
				SR	4.4.1.1			

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side)[UET] (Page 2 of 4)

				(100000						
		,	Date:	6/8/2015 6-9-15	- 1	410/2015	6-11-15	6/1/1/15	6-13-15	6-14-15
			Weekday:	Mon.		Wed.	Тћи.		Sat.	Sun.
			Initials:	Ω ₄ −	50	∌ 8	12	IN	PT	PT
SRs	Description	Gauge	Acceptance Criteria			SURVE	SURVEILLANCE RESULTS (in. wc)	sulrs		
4.1.3.4	South basement	1-498-1dq1	<2 0 & > 0' in. wc	01.	01.	91.	60.	60.	01.	.09
	supply filter plenum (HVP-841) AP	PDI-894-2	$\leq 2.0 \& > 0^{1} \text{ in. wc}$. 52	\SS'	.55	. 55	45.	45,	45.
	South Corridor	1-568-1Qd _t	$< 2.0 \& > 0^{1} \text{ in. wc}$	111	11.	111	71.	. 11	11,	, ,,
4.1.3.4	810) AP	PDI-895-2	≤2 0 & > 0 in we	19.	ا لاح:	. 59	65'	.59	. 59	, 59
		1-718-JQq ¹	<2.0 & > 0 in. wc	.32	131	STBY	57.8V	57.134	5784	STRY
4.1.3.4	300 area glovebox	PDI-817-2	≤2.0 & > 0 in. wc	.34	.35	STBY	5784	57.8 %	5784	STRU
,	exhaust filter plenum (FF854) AP	PDI-817-4	\$2.0 & > 0 in. wc	. 35	-35	STBY	STBY	5734	STRY	5 T.BB
		PDI-817-5	$\leq 2.0 \text{ & > 0}^4 \text{ in. wc}$. 33	.33	८महरू	S 7 B Y	\$57.6 %	57.89	5787
	300 area special	PDI-81 9-1	$\leq 2.0 \text{ & > 0}^{1} \text{ in. wc}$.40	7	ST87	57.84	5773	STRY	STRY
4.1.3.4	recovery glovebox exhaust filter plenum	PDI-81 9-3	$\leq 2.0 \text{ & > 0}^{1} \text{ in. wc}$.42	1/2	STBY	STRY	57.84	STRY	S T.8V
1	(FF858) AP	PDI-819-4	$\leq 2.0 \text{ & > 0}^{1} \text{ in. wc}$.45	. 35	STBY	STBY	5731	STRY	STRY
		¹PDI-818-1	$\leq 2.0 \text{ & > 0}^{1} \text{ in, wc}$	5TBY	57.27	82.	. 28	228	, 28	200
4.1.3.4	300 area glovebox	PDI-818-2	$\leq 2.0 \text{ & > 0}^{1} \text{ in. wc}$	STBY	STBY	. 55	.33	.33	. 23	,33
	exhaust filter plenum (FF855) AP	PDI-818-4	$\leq 2.0 \& > 0^1 \text{ in. wc}$	STBY	STOY	. 32	.32	.32	. 32	,32
		PDI-818-5	≤2.0 & > 0 ¹ in. wc	उनस्	STBY	.50	30	.30	. 30	.30
	300 area special	PDI-821-1	$\leq 0.0 \& > 0^1 \text{ in, wc}$	STBK	STBY	. 40	977,	40.	04.	04.
4.1.3.4	exhaust filter	PDI-821-3	\$2.0 & > 01 in. wc	378V	STBY	. 42	. 43	.43	24.	hh:
	(FF859) AP	PDI-821-4	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	37B4	STBY	-39	. 39	.39	, 39	139

Surveillance Rounds

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET] (Page 3 of 4)

				` \			1			
			Date:	6/8/2015	6.9.15	4 2012 6	6-11-15	8/11/19	6-13-15	b-14-15
			Weekday:	Mon.	Tue.	Wed.	Thu.	Ē	Sat.	Sun.
			Initials:	8=	B	87	75	gr	75	707
SRs	Description	oäneD	Acceptance Criteria			SURVI	SURVEILLANCE RESULTS (in. wc)	SULTS		
		1-228-1Gd,	$\leq 2.0 \text{ & > 0}^{1} \text{ in. wc}$	SrBy	ST3Y	STBY	STBY	\$±18.V	STRV	57.87
4.1.3.4	400 area glovebox	PDI-822-2	$<2.0 &>0^4$ in, we	STBY	ST6Y	STBY	STRY	5134	57.BY	STRY
	exhaust filter plenum (FF856) AP	PDI-822-4	$\leq 2.0 \text{ K} > 0^4 \text{ in, wc}$	STBY	STOY	STBY	STBV	84.5	5781	STBY
		PDI-822-5	<2.0 & > 0 in. wc	STBY	STOY	STBY	STRY	7813	5784	57.84
		PDI-823-1	$<2.0 & > 0^{1} \text{ in. wc}$. 10	.10	01.	911	al.	601	, 60.
4.1.3.4	400 area glovebox	PDI-823-2	$\leq 2.0 \& > 0^1$ in. wc	.59	,59	.59	65'	.59	. 59	.59
	(FF857) AP	PDI-823-4	$\le 2.0 \text{ & > 0}^{-1} \text{ in. wc}$.62	162	29.	. 61	.6)	-3	19.
		PDI-823—5	$\le 2.0 \& > 0^1 \text{ in, wc}$. 63	6 2 .	.65	, 63	.63	.62	. 62
	South Basement exhaust	PDI-830-1	$\le 2.0 \& > 0^1 \text{ in. wc}$	P9.	9	.69	69.	69.	69.	64.
4.5.1.4	filter plenum	PDI-830-2	$\le 2.0 \& > 0^4$ in. wc	18.	.3/5	.3	.3/	.31	18,	-31
		PDI-830-3	$\le 2.0 \& > 0^1 \text{ in. wc}$.29	.29	429	29	.28	2.2	, 29
	300 area re-circulation	¹PD]-836-1	≤2.0 & > 0 in. wc	8	138	98	1,97	.98	. 47	197
	filter plenum	PDI-836-2	$\leq 2.0 \text{ & > 0}^{1} \text{ in, wc}$.56	.56	. 56	.36	.56	.57	.57
4.1.1.7		PDI-836-3	$\le 2.0 \& > 0^4$ in. wc	. 52	.52	.54	52	53	.52	.52
	300 area re-circulation	¹ PDI-837-1	$\leq 2.0 \& > 0^{1} \text{ in. wc}$.57	151	15.	, X	/5:	. 57	51
	filter plenum	PDI-837-2	$\le 2.0 \text{ &> } 0^{-1} \text{ in. wc}$.42	75	.42	141	.4/	(4)	14.
		PDI-837-3	$\leq 2.0 \text{ & > 0}^4 \text{ in. wc}$.40	.39	.40	9 %	,39	78.	\$ 5.

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 4 of 4)

				0	``					
			Date:	6/8/2015	6-4-15	G/10/2015	b-11-15	6/12/15	19-15	4-14-15
			Weekday:	Mon.	Tue.	Wed.	Thu.	, Fil.	Sat.	Sun.
			Initials:	8 _F	ž	20	77	The same of the sa	74	7.5
SRs	Description	Gauge	Aeceptance Criteria			SURVE	SURVEILLANCE RESULTS (in. wc)	SULIS		
	400 area re-circulation	1-838-I	$\leq 2.0 \text{ & > 0^4 in. wc}$.49	, ۲۹	64.	bh'	64.	64	67,
	filter plenum	PDI-838-2	2 0 & > 0 in. wc	.56	.56	.56	, 56	.56	15.6	. 56
4.1.1.7		PDI-838-3	\leq 2.0 & $>$ 0 4 in. we	.51	. ج(1.5	, 51	.5.	. 5,	λη
	400 area re-circulation	1-628-IGd ₁	$\leq 2.0 \text{ & > 0}^{1} \text{ in. we}$.45	≥ y•	54.	. 45	345	, 4 %	. 27
	filter plenum	PDI-839-2	≤2.0 & > 01 in. wc	.59	. 59	.59	53	2 .	. 59	ر د د
		PDI-839-3	<2.0 & > 0 in. wc	.55	55	.58	jr.	₽ .	5 75	2 5
	South Bleed off filter	'PDI-810-1	<2.0 & > 0 in. wc	Īo	51	. 15	. 15	./5	73	3/,
F.C. 1.4	plenum (FF-822A) AP	PDI-810-2	<2.0 & > 01 in. wc	. 58	48	- th:	8 6	sh.	87.	27.
		PDI-810-3	$\leq 2.0 \& > 0^{1}$ in. wc	87.	3 4	.46	146	94.	57	744
	South Bleed off filter	1-118-10dt	≤2.0 & > 0 ¹ in. wc	0 T	350	OFF	OFF	J±0	0 6 6	OFF
4.1.4	plenum (132, 823 B) A D	PDI -811 -2	$\leq 2.0 \ \& > 0^1 \ \text{in. wc}$	0110	ひよび	OFE	770	<i>\$5</i> %	OFE	i c
		PDI -811 -3	$\leq 2.0 \& > 0^4 \text{ in. wc}$	力力		OPE	OFF	£ de	OFF	OFF
			. Completion Time	0820	5030	5180	0830	0130	080	0747
၁၀ 	OC Operator Review and Page Count Complete (initi	age Count Comp	olete (initials)	oul	\ \	2018	210	3		3
Non TSP remirement:	mont.				S	No.	Z /	Se Se		

'Non TSR requirement:

Note: SR 4.1.1.7 applies during mode 1 as stated in LCO 3.1.1. SRs 4.1.3.X apply during mode 1 and mode 2 as stated in LCO 3.1.3,

Reviewed by: Completed by: Land Trust 16Date L-14-15 Time 0747

Comments

Date: 6/6/15 Time: 0930

On-duty Supervisor

ATTACHMENT B-2: Daily Surveillance Rounds (PF-4 North Side)[UET] (Page 1 of 4)

			:	(T 10 1 25n 1)	(+ 1)					
			Date:	6/8/15	8/9/15	21/10/18	8/11/18	sluls	6-13.15	6-14-15
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri,	Sat.	Sun.
			Initials:	an	d/m	Jw.	dw/	JAN	4	76
SRs	Description	Gauge	Acceptance Criteria			SURV	SURVEILLANCE RESULTS (in. wc)	SULTS		
	Vault re-circulation	1-048-104 ₁	$<2.0 &> 0^1 \text{ in. wc}$	STBY	と乱しる	4872	Y 817.2	2-61	57.84	5784
	filter plenum	PDI-840-2	<2.0 & > 0 in ¹ . we	STBY	57B V	48 <i>73</i>	1815	27.6 /	5 7 84	7878
		PDI-840-3	<2 0 & > 0' in. wc	Y 8778 Y	V 8 7.5	4 ET 2	8787	5713 /	5 7 84	STRV
4.1.1.7	Vault re-circulation	¹PD]-841-1	$\leq 2.0 & > 0^4 \text{ in wg}$	54	Sh*	54.	Sh.	sh.	. 45	5 / 5
	filter plenum	PDI-841-2	$\le 2.0 \& > 0^4 \text{ in. wc}$	15.	۲۶.	25'	75.	53		8
	177 (710-1411)	PDI-841+3	$\le 2.0 \ \& > 0^1 \ \text{in. wc}$.50	.50	05.	50	50		. 50
	200 area re-circulation	¹ PDI-831-1	$\leq 2.0 \& > 0^1 \text{ in. wc}$	53	34	45.	.33	.33	H E.	, 34
	filter plenum	PDI-831-2	$\le 2.0 \& > 0^1 \text{ in. wc}$	94.	ok.	04.	oh.	0h	07.	04.
	157 (100	PDI-831-3	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	45.	ye.	hE	hE.	<i>ν</i> ς.	7.8	3.4
	200 area re-circulation	¹PDI-832-1	$\leq 2.0 & > 0^1 \text{ in. wc}$.33	££.	33	55.	33	2.7. \$1.	. 33
	filter plenum	PDI-832-2	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	03	.60	60	09.	09.	ρ γ	09.
		PDI-832-3	<2.0 & > 01 in. wc	55.	55.	.55	.55	.55	,5.5	7. 2.
		1-208-IGd ₁	$\le 2.0 \& > 0^1$ in. wc	21.	. 12	٦١.	, u	u.	,/2	. / 2
4.1.3.4	North Bleed off filter plenum	PDI-807-2	$\leq 2.0 \& > 0^1$ in. wc	50	05.	05.	.50	.50	,50	, 40
	(FF-820A) ΔI'	PDI-807-3	$\le 2.0 \& > 0^1 \text{ in. wc}$.50	64.	. 49	64.	64.	64.	,50
	North Bleed off Glass	¹ PDI-809-1	$\leq 2.0 \text{ &> } 0^4 \text{ in. wc}$	d.to	250	OFF	OFC	220	770	7 7 V
† †	plenum (FF-820B) AP	PDI-809-2	<2.0 & > 0 ⁴ in. wc	330	OFF	off.	0-FF	øFF.	07.5	OFF
		PDI-809-3	$\leq 2.0 \& > 0^1 \text{ in. wc}$	OFF	off	好。	of-£	OFF	OFF	0.57

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

SRs North 1			Date:	51/8/9	6/9/15	4/10/15	6/11/15	1/11/1		71 711 7
						2/2//0		0/11/11/0	15/-2/-9	0-17-15
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	
			Initials:	An	gu	1	A	M	7	76
	Description	Gauge	Aeceptance Criteria	3		SURV	SURVEILLANCE RESULTS (in. wc)	SULTS		
		¹PI)1-829-1	$\langle 2.0/kc \rangle 0^4$ in. wc	η.	.12	-12	.12	2/-	. 72	41.
	filter plenum (FF-828)	PDI-829-2	$\leq 2.0 \text{ & > 0}^4 \text{ in, wc}$.3/	.30	.31	.30	.31	.3/	,32
	ė.	PDI-829-3	<2.0 & 0 in wc	.75	.23	52	22.	42.	. 27	. 29
100 100 100 100 100 100 100 100 100 100	100 area re-circulation	¹PDI-833-1	<2.0 & > 0 im wc	OTE	51.0	>1.0	21.0	21.0	> 1.0	21.0
	filter plenum	PDI-833-2	$\leq 2.0 \& > 0^4 \text{ in, we}$	46	96	746	94.	Ch.	74.	57.
4.11.17		PDI-833-3	$\leq 2.0 \& > 0^4$ in, wc	.44	44.	hh"	5h	hh.	5 /2 .	70,
	100 area re-circulation	'PDI-835-I	$\le 2.0 \& > 0^1$ in. wc	9/	2/5	91.	31	31.	. 16	31.
	filter plenum	PDI-835-2	\$2.0 & > 0 in, we	sh.	Sh.	5h *	5h'	54.	54.	. 45
		PDI-835-3	$\le 2.0 \& > 0^{1} \text{ in. wc}$	zh:	25.	7h.	74.	16.	.42	74.
		¹ PI)I-815-1	<2.0 & > 0 ¹ in. wc	STBV	1.876	VOTS	X81-5	STBY	5787	STRV
4.1.3.4	100 area glovebox	PDI-815-2	$\leq 2.0 \& > 0^4$ in. wc	57.8%	STAY	STBY	STBY	5731	1875	STRY
exhat ((FF852) AP	PDI-815-4	$\leq 2.0 \& > 0^4 \text{ in. wc}$	V87.2	STBY	STBY	37.84	1015	5.7.84	5781
		PDI-815-5	$\leq 2.0 \& > 0^1 \text{ in. wc}$	8787	STBY	STBY	27.84	V 5773	1878	STRY
-		¹ PDI-816-1	$\leq 2.0 \& > 0^{1} \text{ in. wc}$.38	38	.40	04	.39	439	39
4.1.3.4	100 area glovebox	PDI-816-2	<2.0 & > 0 in. wc	zh:	.43	94.	94.	94.	LH.	448
CXPBE ((FF853) AP	PDI-816-4	<2.0 & > 0 in. wc	54.	Sh.	54.	94.	54.	94	97.
		PDI-816-5	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	<i>c</i>	34.	84.	84.	84	861	00

ATTACHMENT B-2: Daily Surveillance Rounds (PF-4 North Side) [UET]
(Page 3 of 4)

			Date:	5/18/9	5/16/15	5/10/15	6/11/15	6/12/15	b-13-15	6-14-15
			Weckday:	Mon.	Tue,	Wed	Thu.	Fr.	Sat.	Sun.
			Initials:	M	(m	M	Ch-	A	75	4
SRs	Description	Свине	Acceptance Criteria			SURVE	SURVEILLANCE RESULTS (in. wc)	SULTS		
	200 area glovebox	1-218-IO1	2.0 & >01 in. wc	57.84	57 AV	4 845	7. 61.45	Sri3 y	<7 RV	STRV
	exhaust filter plenum (FF850) △P	PDI-812-2	<2 0 & >0! in. we	57.84	AEL-S	1 8143	STBY	57.3 V	5 T.B.Y	5784
F: 17		PDI-812-3	$\leq 2.0 \text{ & } > 0^{1} \text{ in, wc}$	27114	75137	3.6172	4873	5713.4	STAY	5777
		PDI-812-4	<2.0 & >01 in.wc	\$787	41.15	57.13 %	57.33	STBV	STRY	57.84
		PDI-812-5	$\le 2.0 \text{ &} > 0^1 \text{ in, wc}$	STBY	18145	57B y	57.87	7 E1772	< r. 84	くナスリ
11	200 area glovebox	¹PD!-813-1	\leq 2.0 & $> 0^{1}$ in, we	1.67	1.03	1.03	1.03	1.07	1.09	1.70
	cxhaust filter plenum (FF851) AP	PDI-813-2	$\leq 2.0 \& > 0^4$ in. wc	.30	.30	.30	.30	30	.3/	.3 !
7		PDI-813-3	$\leq 2.0 \& > 0^4 \text{ in. wc}$.28	26	32	.76	3	02	.30
	1	PDI-813-4	$\leq 2.0 \text{ & } > 0^1 \text{ in. wc}$.30	(30	121	.31	.34	. 32	3.2
		PDI-813-5	$\leq 2.0 \text{ &> } 0^{1} \text{ in. wc}$	74	74	h2	24	7.8	. 28	00
	IFIT exhaust filter plenum	1-898-10d1	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	40.	40.	40.	.03	59	40.	70
4.5.1.4	(FF-865) AP	PDI-865-2	$\leq 2.0 \& > 0^{1}$ in. wc	7h'	35.	45.	×	35.	45.	72.
		PDI-865-3	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	99.	04.	ah'	Oh.	04.	77	3
	H-IT supply filter plenum	1-E98-ICd1	$\leq 2.0 \& > 0^{1} \text{ im. wc}$.05	90	20.	90	50	.06	70
4.1.3,4	(HVP-863) AP	PDI-863-2	<2.0 & >01 in, wc	92	7.7	97	26	26	26	96

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

(Page 4 of 4)

×			Date:	5/18/12	51/6/19	5/10/15	6/11/15	situlis	6-13-15	6-14-15
			Weekday:	Mon.	Tue.	Wed.	Thu,	Frit	Sat.	Sun.
			Initials:	Me	wb	dw	Am	A	76	74
SRs	Description	Gauge	Acceptance Criteria			SURV	SURVEILLANCE RESULTS	esours		
4134	North Basement supply filter plenum	1-788-JCIq ¹	$\leq 2.0 \& > 0^1$ in. wc	yı,	.В.	.13	4/1	11/*	. 13	51,
4.1.1.4	(IIVP-840) AP	PDI-857-2	2.0 & 0 in. we	86	CH.	ch.	.47	gh.	47	1 7 7
4.1.3.4	North corridor supply filter plenum	1-958-ICI ₁	$<2.0 \text{ &} > 0^1 \text{ in, wc}$.8	*/3	.β.	.13	./3	. 13	13
	(HVP-809) AP	PI)I-856-2	$\leq 2.0 \& > 0^4 \text{ m. wc}$.56	.56	95	75	2.4	. 57	157
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)		7.5	138	in second	7	0 4 1	4 7 V
4.3.2.2	Rooms 201, 204, 206, & 207	· · · · · · · · · · · · · · · · · · ·	0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the arisles between gloveboxes, or up to the walls of the		O.					
			rooms, whichever is less	SAT	SAT	SAT	JKS.	SAT	547	SAT
			Completion time	0840	08/0	0988	5280	01600	0806	6080
	OC Operator Re-	view and Page Co	OC Operator Review and Page Count Complete (initials)	9 5	3		20	13	71 75	3
Note: SR 4.	¹ Non TSR requirement Note: SR 4.1.3.4 applies during mode 1 and mode 2.	I and mode 2.		•	8	1 889		888		
Completed	Completed by Agel True Date 6-14-15 Time 0909 Reviewed by:	6-14-15 Time	0909 Reviewed by	M	Or-with Supervisor	Date: 6/4/15 Time:	Time: OF	0		
Comments:							rā.			

ATTACHMENT A: Per Shift Surveillance Rounds [UET] (Page 1 of 3)

ATTACHMENT A: Per Shift Surveillance Rounds [UET] (Page 2 of 3)

				ASI I	5.4.01.0	1									
:	Note		Date:	1/2/10	5 6/16	1	11/1/2) \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	1X 14	1/18/15	ما	100/2	V V	177	7
Keading using FC	Readings should be taken using FCS screens		Weekday:	Mon.		Tue.	Wed.		ľhu.	Fri.	:	Sat.		Sun.	1
FMT#15	FMT#151,152,201LD		Shift:	AM PM	M AM	PM,	AM PM	MAM	A PM	AM	PM	AM P	PM AM	<u> </u>	PM
and local per used if	and local plenum PDIs may be used if FCS is unavailable.		Initials:	R	B	B	M /	3	9	3	43	R R	36	OR OR	48
SRs	Description	Readings	Acceptance Criteria			}	SURVEILLANCE RESULTS Sat. / Unsat. (circle one)	SILLA Vunsa	RVEILLANCE RESUL Sat. / Unsat. (circle one)	RESU cle on	LTS e)	-	-	-	
-	200 area re- circulation fan/	FR-801 Icon red and PDT-831 AP>,050 or	At least one fan/plenum is in	Sat	Sat.	Sat	Sat Sat	Sat	S	Tes S		Sal A			(Sg)
	plenum	PDT-832 AP >.050	service	Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat	sat Unsat	Unsat	Insat Un	sat Uns	at Unsat	Unsat	Unsat	Jnsat Un	sat Uns	at Un	sat
	100 area re- circulation fan/	FR-803 Icon red and PDT-833 AP>.050 or	At least one fan/plenum is in	Sal Sal		3	Sat.	Sat	(3)	(3)	(3)	(8)		 	(E)
	plenum	FR-804 Icon red and PDT-835 AP > .050	service	Unsat Unsat	Unsat	Unsat	Unsat Un	sat Uns	Unsat Unsat Unsat Unsat Unsat	Unsat	Jusat	Unsat Un	Unsat Unsat	at Unsat	sat
4.1.1.6	300 area re- circulation fan/	FR-805 Icon red and PDT-836 AP>,050 or	At least one fan/plenum is in	Sal Say		3	Sat	(Sat	(3)	(S)	(8)	Sat	Sat		
	plenum	FR-806 Icon red and PDT-837 AP > .050		Unsat Unsat Unsat	at Unsat	Unsat Unsat	insat Une	sat Unsi	Unsat Unsat Unsat Unsat Unsat	Unsat	Jusat	Unsat Unsat Unsat Unsat	sat Uns	at Uns	sat
	400 area re- circulation fan/	FR-807 Icon red and PDT-838 AP > .050 or	At least one	(Sa)	Teg (S	Sal	Sath		Sat	Sat	Sar	Sat Sat	at)	Sal	
	plenum	FR-808 Icon red and PDT-839 AP>,050	service	Unsat Unsat Unsat Unsat Unsat Unsat Unsat	at Unsat I	Unsat U	nsat Uns	ar Uns	it Unsat	Unsat	Jusat C	Unsat Unsat Unsat Unsat Unsat Unsat	sat Uns	at Uns	sat
	Vault re- circulation	FR-811 Icon red and PDT-840 AP > .050	At least one fan/olenum is in	Asy (Sa)	(S)	Sat	TES TES	(gar)	(3)	Sat S	(Sal	Sal Sal	(§		(3)
	fan/ plenum	FR-812 Icon red and PDT-841 AP>.050		Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat	at Unsat	Onsat U	nsat Uns	at Uns	t Unsat	Unsat	Jusat U	Insat Un	sat Uns	at Uns	sat

ATTACHMENT A: Per Shift Surveillance Rounds [UET]

(Page 3 of 3)

		<u> </u>	. //	5-1	as:							
	1/1	Sun.	PM	4	j		Unsat	Sail Sail	See See See See See See See See See See	Unsat		975
	60	ıs.	۷W	20	7		Car Unsat	(Sat) Unsat	Cnsat	Unsat		SP OF CO
	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	- -	ΓM	81.	3		Sat Sat Unsat Unsat	Sat	Sat	Sat		72
	9	Sat	ΜV	9	5			Sat Sat Unsat Unsat	Sat Unsat	Chrsat		1930 000 1423 OB) 1921
	h	Fri,	Ā	4	TS	_	Sall Tage	Sat	Sal	Character		423
	8/18/5/6/10/3	<u> </u>	٧V	3	SURVEILLANCE RESULTS	Sat. / Unsat. (circle one)	(Sa) Unsat	Sal	&at Unsat	Sat		Sto Sto
-	مر	Thu.	μM	9	CER	(circl	(Sat Unsat	Sag	(Sal Unsat	Sal		1930
ŀ	9		VΜ	3	LLAN	Unsat.	Sat		Sat	Sat Say Unsat Unsat		1930 0736
Ì,	7/15	- gg	- Md	9	RVEII	sat. / 1	(Sa) Unsat	Say Say Unsat Unsat	Sat	(Sat Unsat		
ŀ	1/01	Med	WV	9	SUI	,	(Sa) (Sa) Unsat Unsat	Sat Unsat	Sat Sat Unsat Unsat			80
	6/15	/ IC.	М	\ X			Sat	Sat) (Sat) Unsat Unsat	Sat Unsat	Sat Sat Unsat Unsat		
1	13	Mon. Tue.	WV	18	7		Sar Uhsat	Asat	Sat	nsat Onsat		ST TOO
0	Date: 6/5/15/6		Мď	4	P		Sag	Sat	Sat	Sat		ALS V
			АМ	13			Sat Unsat	Chisat	age la	Unsat		202 ALB
	Date:	Weekday:	Shift:	Initials:	Acceptance	Criteria	PDI-8\4-2 < PDI-803- 2 < PDI-804-2	PDI-820-2 < PDI-802- 2 < PDI-804-2	PDI-870-2 < PDI-853- 2 < PDI-854-2	PDI-864-2 PDI-852-2 PDI-864-2 < PDI-852- PDI-854-2 2 < PDI-854-2	on Time	
		ck #4 in nts may	mate '		Gauge	0	PDI-814-2 PDI-803-2 PDI-804-2	PDI-820-2 PDI-802-2 PDI-804-2	PDI-870-2 PDI-853-2 PDI-854-2	PDI-864-2 PDI-852-2 PDI-854-2	Completion Time	·
		ıken on ra I equivale	nt any alte		Area		200 Area	100 Area	300 Area	400 Area		
	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	:	Description		Glovebox exhaust header APs	< laboratory APs< basement APs for areas 100, 200, 300	and 400			
		the OC when	be used if ne		SRs			4.				

Note: ¹ Mode 2 acceptance criteria is < 0.00 in. wc Note: ² SRs 4.1.2.x only apply during mode 2 in accordance with LCO 3.1.2.

Date 06-21-16 Time 1923 Completed by: King

Date: 1/22/15 Time: 1196 On-duty Supervisor Reviewed by:

S

Comments:

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 1 of 4)

SR 4.4.1.1, The OPERABILITY acceptance criterion for this surveillance is:

storage cabinet. The gas concentration readout directly on the detector in the storage cabinet is compared with the gas concentration readout on The FLAMMABLE GAS detector in the FSTF FLAMMABLE GAS SOURCE storage cabinet is exposed to the ambient atmosphere in the 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).

		_		T			1	7	
26/20/38	Sun.	W W			Ø	\ \foots \foots \ \foots \ \foots \foots \foots \ \foots	8	(a). / Unsat.	SH14S
21/95/20	Sat.	(# &			60	Ø.06	0.0	Sp. / Unsat.	BHLD
8-67-9	Fri.	de	(percentage)		0.0	0.0		Sat.) Unsat.	0729
21/10/30 21/10/30 80/30/15 30/30/30	Thu.	12	CE RESULTS		0,0	ç		(Sat.) Unsat. (Sat.) Unsat. (Sat.) Unsat.	9080
6/17/15	Wed.	M	SURVEILLANCE RESULTS (percentage)		0.0	00	0.0	nsat.	5730
6/16/15	Tue.	an	,		0.0	0	0.0	Sai.) Unsat. Sat / Unsat.	5280
4-15-15 6/16/15	Mon.	FF		()	0.0	0.0	0.0	Sat.)/ Unsat.	9180
Date:	Weekday:	Initials:	Acceptance Criteria		NA VA	•	Record Calculated Value	> -0.1; <+0.1	Completion Time:
			Description / Gauge	Flammable Gas Channel Check	DET-305-3 (LCD Reading)	CP-305-H (LED Reading)	(DET-305-3) - (CP-305H)	(LCD Reading) (LED Reading)	
			ı	9	46	4.4.1.1			

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side)[UET] (Page 2 of 4)

				(1 10 2 00 1)						
			Date:	6-15-15	6/16/15	5/11/15	1.18.15	6.19.15	Stypic/952	31/12/00
			Weckday:	Mon.	Tue.	Wed.	Thu.	Fri	Sat.	Sun.
	×	8.0	Initials:	70	A.	M	4	08)	So was	/www.
SRs	Description	Gauge	Acceptance Criteria			SURV	SURVEILLANCE RESULTS (in. wc)	SULTS		
4.1.3.4	South basement	¹PDI-894-1	<2.0 & > 0' in. wc	60	0/,	60	97	- 10	10	و
	(HVP-841) AP	PDI-894-2	$\langle 2.0.6. \rangle$ in. we	. 5.2	45	42	7.5	212	2 1	16
•	South Corridor supply (IVP-	1-568-10d ₁	$\leq 2.0 \text{ eg} > 0^{1} \text{ in. we}$		17	<u> </u>				r =
4.1.3.4	810) AP	PDI-895-2	<2.0 & > 0 in. we	5.9	54	60	9	00		, in the second
		I-718-IQI	\leq 2.0 & > 0 ¹ in. wc	S TBy	\$7.07	STRV	7010	18.		() () () () () () () () () ()
4.1.3.4	300 area glovebox	PDI-817-2	$\leq 2.0 \& > 0^{1}$ in. wc	57.81	STBV	ABLA	STRV	. 73	32	72 2
	(FF854) AP	PDI-817-4	$\le 2.0 \text{ & > } 0^1 \text{ in. wc}$	S-7 R V	Sylky	57.89	Varo	.35	1	47
		PDI-817-5	$\leq 2.0 & > 0^{1} \text{ in. wc}$	8787	87.8	787	CTRU	.32	6	1 F
	300 area special	PDI-81 9-1	$\leq 2.0 \& > 0^4$ in. wc	STRY	A BLLS	STAY	5700	14.	4	
÷	recovery glovebox exhaust filter plenum	PDI-81 9-3	<2.0 & > 01 in. wc	STBY	57.8'	Yer	CTRV	04.	Test and a	3
	(FF858) AP	PDI-819-4	≤2.0 & > 01 in. wc	STRY	4672	7.872	75.40	>6,	30	1 2
		1-818-IGd ₁	$\leq 2.0 \& > 0^1 \text{ in. wc}$	8¢,	CZ.	72.	20			į į
4.1.3.4	300 area glovebox	PDI-818-2	<2.0 & > 01 in. wc	.32	23	533				4
	exhaust inter plenum (FF855) AP	PDI-818-4	$\leq 2.0 \& > 0^1 \text{ in. wc}$.32	3.7	22				- L
		PDI-818-5	$\leq 2.0 \text{ & > 0}^{-1} \text{ in. wc}$, u	202	į _Š				A J
	300 area special	PDI-821-1	\leq 2.0 & > 0 ¹ in. wc	040	oh.	04.		Ι.	7	\$ £
+ 177	exhaust filter	PDI-821-3	$\leq 2.0 \& > 0^{-1}$ in. wc	. 42	24.	.42				Sthy
	(FF859) AP	PDI-821-4	<2.0 & > 01 in. wc	. 39	,39	.39	0		- È	É

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET] (Page 3 of 4)

					, ,					
		•	Date:	6-15-15	6/16/13	6/10/13	6-18-15	\$1.61.9	6.19.15 66/3815	SIV15/96
			Weekday:	Mon.	Tue.	Wed.	Thu	Fri.	Sat.	Sun.
			Initials:	7 to	Jw-	/W	7 4	ah	133	In wit
SRs	Description	Gauge	Acceptance Criteria			SURV	SURVEILLANCE RESULTS (in. wc)	SULTS		
		¹ PDI-822-1	$2.0 \text{ & } > 0^1 \text{ in. wc}$	1 2 573 y	\ £173.	9-10 V	787	96	V	ક
4.1.3.4	400 area glovebox	PDI-822-2	2.0 & > 01 in. wc	STBY		y 81-72	STRV	2,5	¥	E.
	exhaust fifter plenum (FF856) AP	PDI-822-4	<2.0 & > 0' in. wc	1872	VHTS	VET. S	7075	\.	Y	8
		PDI-822-5	<2.0 & > 0 in we	78.4.2	> \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	Grav.	70.40	16	J. J	<u>}</u> c
		1-823-1	$\leq 2.0 \ \& > 0^1 \ in. \ we$	0.9	60	60.	60	STAV	i de	a de
4.1.3,4	400 area glovebox exhaust fifter plenum	PDI-823-2	$\le 2.0 \& > 0^4 \text{ in. wc}$	5.9	.59	.59	5.9	STBY	F	Str
	(FF857) AP	PDI-823-4	$\le 2.0 \text{ &> } 0^1 \text{ in. wc}$	9	19.	19	101,	57.67	Ť	740
		PDI-823—5	$\leq 2.0 \& > 0^{1}$ in. wc	, 61		29:	. 4.2	STRV	ŧ	1
	South Basement exhaust	'PDI-830-1	$\leq 2.0 \& > 0^{1}$ in. wc	69.	P.8-	69.	69,	.70	Sir.	, <u>Q</u>
:T:	filter plenum	PDI-830-2	\leq 2.0 & > 0 ¹ in, wc	,30	12.	13)	/5>	.3)	32	Je.
		PDI-830-3	$\leq 2.0 \& > 0^4$ in, wc	129	.29	62.	, 19	. 29	r r	80
	300 area re-circulation	¹PDI-836-I	<2.0 & > 01 in. wc	. 97	26.	.42	98	. 99	96'	99
	filter plenum (11VP-805) AP	PDI-836-2	≤2.0 & > 0* in. wc	, 5,8	55.	.56	X 2.	.57	55.	53
4.1.1.7		PDI-836-3	<2.0 & > 0 in. wc	,52	54	45.	52	45.	75	Fig.
	300 area re-circulation	¹ PIDI-837-1	\$2.0 & > 01 in. wc	. 51	15:	15.	5/	.51	15,	.3
	filter plenum (11VP+806) AP	PDI-837-2	≤2.0 & > 0¹ in. wc	٠4،	141	14.	. 41	.41	١٣٠	SQT.
		PDI-837-3	<2.0 & > 0 in. wc	.39	.39	.39	, 39	.39	159	.38

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 4 of 4)

			Date:	6-15-15	8/18/18	8/10/18	6-18-15	51.61.9	2/19/5 05/20/10	cyle/al/s
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	74	Me	-N/	PT	080	J.ww.	The shift
SRs	Description	Gauge	Acceptance Criteria			SURV	SURVEILLANCE RESULTS (in. wc)	SULTS		W
	400 area re-circulation	1-828-10d _t	$2.0 \text{ & } > 0^4 \text{ in. wc}$	64.	204.	84.	64	64.	\$, H9
	filter plenum	PDI-838-2	2.0 & > 0 ³ in. wc	5.2	57	15.	7.5	.56	نجره	25
4.1.1.7		PDI-838-3	\leq 2.0 & $> 0^4$ in. we	15	15.	ū	12	151	100	N 0 N
	400 area re-circulation	1-6E8-[Qd,	<2.0 & > 0 m. wc	. 4 S	2H.	2,	17.	>h.	U	T I
	filter plenum	PDI-839-2	≤2.0 & > 0 in. wc	88	.59	.59	65'	20	£ .	200
		PDI-839-3	$\le 2.0 & > 0^{1} \text{ in. wc}$	53.	55	55	יי	5.5	, S	77.
	South Bleed off filter	1-018-ICId ₁	$\le 2.0 \& > 0^4$ in. wc	\$ 1.	15	51.	, h	5/.	<u>u</u>	#
4.1.3.4	plenum (FE-822A) AP	PDI-810-2	$\leq 2.0 \text{ &> } 0^{-1} \text{ in. wc}$	8 77	45	hh	4.77	8/7	7 7	UT
		PDI-810-3	$\leq 2.0 \text{ & } > 0^1 \text{ in. wc}$	9 1	r d	۲h	2.75	74.	N. A.	Sh
	South Bleed off filter	I - 118- 1Ωd₁	$\leq 2.0 \ \& > 0^{1} \ \text{in. wc}$	OFF	#6	off.	OFF	0 16 15		j j
4.1.3.4	plenum	PDI -811 -2	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	OFF	AEF.	27,0	OFF) ()
i		PDI -811 -3	<2.0 & > 01 in. wc	DFF	Ħ	¥	077			پلار ا
	į		. Completion Time	1480	0840	, 0855	0 8 29		É	807,0
00	OC Operator Review and Page Count Complete (initials)	age Count Compl	ete (initials)	An C	2	30	8	1	17	A.
Non TSR requirement:	ement:			M	288	SS.	Kin II		2	7

Note: SR 4.1.1.7 applies during mode 1 as stated in LCO 3.1.1. SRs 4.1.3.X apply during mode 1 and mode 2 as stated in LCO 3.1.3.

Reviewed by: Completed by: Michael Inthe Date 6/21/5 Time 6700

Date: 1/2/15 Time: 1/ 60 On-due Supervisor

Comments

ATTACHMENT B-2: Daily Surveillance Rounds (PF-4 North Side)[UET] (Page 1 of 4)

_																						
4 4 9	(Ac ex	Sun.	Mary		ŧ	All All	76	5	5.9	8	7 T	2 4	46	110	נע	ر ال	, ci	48	200	45	Jţ	140
2 hale	47/00	Sat.	N. W.		July V	₹.	3	NH.	E.	1,00	45	1.0	28	15.	18	26	C.	19	N.	770	74	Ą
4/9/15 2 hale		Fri.	扬	SULTS	57.81	FIRST	STA	.t.	. 29	.50	.34	3.	.35			.54	.12	25.	.50	OFF	OFF	0 FF
78/9	12015	Thu.	Br	SURVEILLANCE RESULTS	STBY	STBY	STBY	.45	. 58	.5.	.34	.40	. N. N.	75.	09	75.	71.	55	50	1 1	0 П	0 77
late	(1),//9	Wed.	J/	SURV	77.77	77.87	5713 4	54,	200	Ċ,	74	O.F.	35	40	09	5	"	.50	64"	off	0.65	
77. 77	1:01-0	Tue.	70		STRV	5787	5784	, 45	, 5'9	15.	08.	04.	is Kr	4 E.	09,	57	1,12	. 50	.50	0 7.7	OFF	770
6/15/2015	CIO7/	Mon.	BF		STBY	STBY	STBY	54	58	.51	· 40	.34	35	.34	09.	.57	. 12	. <u>1</u> 2.	, 50	OFF	OFF	OFF
Date:		W CCKOBY:	Initials:	Acceptance Criteria	$\leq 2.0 \text{ & > 0^{-1} in. wc}$	2.0 & > 0 in wc	2.0 & > 0 in. wc	$\leq 2.0 \& > 0^3 \text{ m. wc}$	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	$\leq 2.0 \& > 0^1 \text{ in. wc}$	$\leq 2.0 \ \& > 0^1 \ \text{in. wc}$	$\leq 2.0 \& > 0^1 \text{ in. wc}$	$\leq 2.0 \& > 0^1 \text{ in. wc}$	≤2.0 & > 01 in. wc	<2.0 & > 01 in. wc	<2.0 & > 01 in. we	≤2.0 & > 0 in. wc	$\leq 2.0 \ \& > 0^1 \ \text{in. wc}$	<2 0 & > 01 in. wc	$\leq 2.0 \ \& > 0^4 \ in. \ wc$	$\leq 2.0 \& > 0^{1} in. wc$	<2.0 & > 01 in. wc
				Gauge	1PDI-840-1	PDI-840-2	PDI-840-3	'PDI-841-1	PDI-841-2	PDI-841-3	'PDI-831-1	PDI-831-2	PDI-831-3	'PDI-832-1	PDI-832-2	PDI-832-3	1-FDI-807-1	PDI-807-2	PDI-807-3	1-608-IQd ₁	PDI-809-2	PDI-809-3
				Description	Vault re-circulation	filter plenum		Vault re-circulation	filter plenum	(7 (0 · (4 · (4 · (4 · (4 · (4 · (4 · (4 ·	200 area re-circulation	filter plenum		200 area re-circulation	filter plenum			North Bleed off filter plenum	(FF-820A) AP	To Joseph Marian	plenum (FF-820B) AP	
				SRs				4.1.1.7								i		7.7		9	4.5.1.4.	

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

				(/ , ,					
			Date:	6/15/2015	6-16-15	shals	6/18/2015	19/15 CADE		06/31/1815
			Weekday:	Mon.	Tue.	Wed.	Thu.		1	Sun.
			Initials:	8	77	J.	æ Fr	南	55	PAT VA
SRs	Description	Gauge	Acceptance Criteria			SURVE	SURVEILLANCE RESULTS (in. wc)	SULTS		
	North Basement exhaust	1-628-IUd-I	$\le 2.0 \text{ & > 0}^{1} \text{ in. wc}$.12	. 13	.13	21.	. /3	27	
4.1.3.4	filter plenum (FF-828)	PDI-829-2	$\leq 2.0 \text{ &} > 0^{1} \text{ in, We}$.31	.31	.31	.31	32	35	2
		PDI-829-3	<2.0 & ~ 0 in. wc	.25	,25	7.5	.26	82.	199	36
	100-area re-circulation	¹PDI-833-1	<2.0 & > 0 m, wc	V1.0	۷١.٥	21.0	7:0	71.0	8	2017
	filter plenum (HVP-803) AP	PDI-833-2	<2.0 & > 0 in. wc	7.7	448	74.	. ዛዌ	74.		竹
4.1.1.7	S	PDI-833-3	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	Sh.	45	45	. 45	:45		4
	100 area re-circulation	¹ PDI-835-1	$\leq 2.0 \text{ & > 0}^4 \text{ in. we}$.16	91.	9/-	. 16			<u> </u>
	fitter plenum (HVP-804) AP	PDI-835-2	<2.0 & > 0 in. wc	. 47	747	94.	74.	.46		91
		PDI-835-3	$\leq 2.0 \& > 0^4 \text{ in. wc}$	· 42	.42	.42	2h.			a a
		1PDI-815-1	$\le 2.0 \text{ & > 0}^4 \text{ in. wc}$	इस्छर	STRY	5713 4	STBY	STBY		A
4.1.3.4	100 area glovebox	PDI-815-2	$\leq 2.0 \& > 0^4 \text{ in. wc}$	STBY	STRY	KTUY		STRY		3
	(FF852) AP	PDI-8154	$\le 2.0 \& > 0^4 \text{ in. wc}$	STBY	STBY	27134		STBY		F
		PDI-815-5	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	STBY	STBY	¥ 87.75		5784		意
		1-918-IGd ₁	<2.0 & > 01 in. wc	٥ ١ .	.39	.39	oh.	.39		6.
4.1.3.4	100 area glovebox	PDI-816-2	$\leq 2.0 \& > 0^3 \text{ in. wc}$. 47	<i>Lh</i> .	hh.	<u>ተ</u> ት.	47	44	4.
	(FF853) AP	PDI-816-4	$\leq 2.0 \text{ &> } 0^4 \text{ in. wc}$. 48	87:	.45	٠48	.45	Ş	7
		PDI-816-5	$\leq 2.0 \& > 0^3 \text{ in. wc}$	640	6 7	ch.	.48	94		30 7
									1	ָי

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ATTACHMENT B-2: Daily Surveillance Rounds (PF-4 North Side) [UET] (Page 3 of 4)

)	,						
			Date:	6/15/2015	6-16-15	6/17/15	6/18/2018	4/19/15	6/18/2018 4/19/15 86/281C OCKINS	06/1/1S	
			Weekday:	Mon.	Tue	Wed.	Thu.	퍞.	Sat.	Sun.	_
			Initials:	9 _F	79	DA	8	古	128) 4	Mund	_
SRs	Description	Gauge	Acceptance Criteria			SURV	SURVEILLANCE RESULTS	SULTS	·		_
	200 агеа glovebox	PDI-812-I	$<2.0 \text{ &> } 0^4 \text{ in. wc}$	STBY	5 7.84	Sr3 y	STBV	518	35	F	_
7 7	exhaust Inter plenum (FF850) AP	PDI-812-2	≤2.0 &> 0 in. wc	STBY	STRY	27.3 /	ATBV	57.13		T F	_
		PDI-812-3	2.0 & > 01 in, we	STBY	5784	27137	STBY	STRY		* A 10.	_
		PDI-812-4	<2.0 & > 0 in we	STBY	STBY	57.3 y	STBV	SIRY		步	
		PDI-812-5	$\leq 2.0 \ \& > 0^{\Gamma}$ in, we	STBY	7878	روين	STRV	\$184		美	_
	200 area glovebox	1-813-101	$\leq 2.0 \ \& > 0^{1} \ in. \ wc$	01.1	01.1	1.09	1.10	1.09		8	
7 7	exhaust litter plenum (FF851) AP	PDI-813-2	<2.0 & > 0t in, wc	.31	187	.31	.3.	.3	B	20	_
*		PDI-813-3	$\le 2.0 \& > 0^1 \text{ in. wc}$. 30	154	-31	.3(30	78	*	_
		PDI-813-4	$\leq 2.0 \& > 0^{4} \text{ in. wc}$. 33	32	.32	.3.	.3	~	- P	
		PDI-813-5	$\leq 2.0 & > 0^{1} \text{ in. wc}$. 29	. 19	94.	.30	.29	6	7	
-	IFIT exhaust filter plenum	1PDI-865-1	$\le 2.0 \& > 0^1$ in. wc	, ou	40	40.	70.	40,	140	i to	
* · · · · · · · · · · · · · · · · · · ·	(FF-865) AP	PDI-865-2	$\le 2.0 \& > 0^1 \text{ in. wc}$. 53	23.3	32.	.32	42.	994.	1.00	
		PDI-865-3	$\le 2.0 \& > 0^{-1}$ in. wc	14.	(17.5	17	07.	\$	WH.	4	,
16	IFIT supply filter plenum	1PDI-863-1	$\leq 2.0 \& > 0^1 \text{ in. wc}$.26	90.	78.	.05	00.	98	3 5	
+.5.1	(HVP-863) AP	PDI-863-2	<2.0 & >0 in. wc	.05	,25	,	727	.29	36	3 9	
									,		

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

				(rage 4 01 4)	01 4)					
			Pa(c:	6/15/2015	6-16-15	51/4/19	5102/21/3	21/96/20 21/01/2	51/DC/2015	86/81/15
			Weekday:	Mon.	Tue.	Wed.	Thu.	j.E	Sat.	Sun.
			Initials:	B T	14	Ar June	8 7	存	Vn mal	Kin vy
SRs	Description	Gauge	Acceptance Criteria			SURV	SURVEILLANCE RESULTS	ESULTS		i i
4134	North Basement supply filter plenum	1-PDI-857-1	2.0 & > 0 in. wc	20	. 18	HI.	. 15	71.	21	2
	(HVP-840) AP	PDI-857-2	2.0 & 0 in. wc	. 48	н В	Ch.	.47	64.	S	SS
4.1.3.4	North corridor supply filter plenum	1-958-1041	<2.0 & > 0 in, wc	. (3	,13	.13	ት (·	4/.	2	3
	d∇ (608-4ΛΗ)	PDI-856-2	<2.0 & > 0 in. wc	757	,58	Co.	. 58	.58	80	¥
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)		547	3	SAT	547	存	\$ 0
43.2.2	Rooms 201, 204, 206, & 207		0 lb/th² combustibles within 3.5 feet perpendicular from the face of the PMMA, the	S,	0)			. Di		
			between gloveboxes, or up to the walls of the rooms, whichever is less		SAT	S	547	TA'S	ts	T'S
		:	Completion time	218	5480	Mr. Mar	2445	085%	P170	Stella
	OC Operator Rev	view and Page Co	OC Operator Review and Page Count Complete (initials)	Ja 18	The of	9	0	13/2	Marin	M. J.
Note: SR 4.	Note: SR 4.1.3.4 applies during mode 1 and mode 2.	I and mode 2.		M	D &	2	188 10		0	A

Completed by: Michael ha Trish Date of 1/5 Time 4738 Reviewed by:

Comments:

Outduty Supervisor

Date: 6/24/6 Time:

ATTACHMENT A: Per Shift Surveillance Rounds [UET] (Page 1 of 3)

					,	`				1			,			
(Note	į	Date:	6-22-17	$\overline{}$	6-27-15	_	624	Š	05/15		6-26-15	21/2/0		6-28-18	1
Gauge re taken on	Gauge readings should be taken on rack #4 in the OC.		Weekday:	Mon.	Ë.	Tue.		Wed.		Thu.	<u> </u>	Fri.	Sat.		Sun.	- 6%
whenever	wherever possible, Document if		Shift:	AM PM		AM P	PM A	AM PI	PM AM	4 PM	AM	PM	AMF	PM A	AM	PM
allemane	aucarrane l'Ols are used.	,	Initials:	10 K		9	7	30	10	a a se	9	7	3	3	7	3
SRs	Description	Gauge Acceptu	ptance Criteria				S	JRVI	ILL/	SURVEILLANCE RESULTS (in. wc)	RESU	LTS			1	
	200 area glovebox exhaust header AP	PDI-814-1 or PDI-814-2	<-1.0 in. wc¹	198	22	2-181-	-200, 200-200, 2005-	30-1	8	1.20	306 206	236	202-	06.2-	-303-2	10.5-
4.1.1.1	100 area glovebox exhaust header ΔP	PDI-820-1 or PDI-820-2	<-1.0 in. wc	MSI-	¥	- 1% - 1%	199	195	25/1861-	3-1.45	195-194-194-194	-1.94		1.95	- 141-	3-
	300 area glovebox exhaust header ΔP	PDI-870-1 or PDI-870-2	<-1.0 in. wc¹	198	-J	1.88	1-18/199		1.98 101	1.88	861-	261-861-861-		Ĉ.	- 851	5.
	400 area glovebox exhaust header AP	PDI-864-1 or PDI-864-2	<-1.0 in. wc¹	161-	CZ/	1-84	9/ (191-	1-1-	186 181	7-1-98	197	361761	(4) [A]		-167-	<u>c.</u>
	200 area laboratory PDI-803-1 or header AP PDI-803-2	PDI-803-1 or PDI-803-2	<-0.05 in. wc	- 61-	19	62	62 45.	(DP) 7.19		P. 1.	177	72	-12:-	22	7.	-
	100 area laboratory PDI-802-1 or header AP	PDI-802-1 or PDI-802-2	<-0.05 in. wc¹		722'-	163	22	122.	2 de 20	2.	4C-	h2-	2 22-	22.	he:	7.
4.1.1.5 4.1.1.5 4.1.2.2 ²	300 area laboratory PDI-853-1 or header AP PDI-853-2	PDI-853-1 or PDI-853-2	<-0.05 in. wc¹	0.65	02'-	-18 20		20 - 20 - 20 - 20 - 20 - 20 - 20 - 20 -		7.19	00-	22-	8.	12'-	91	8
	400 area laboratory PDI-852-1 or header AP PDI-852-2	PDI-852-1 or PDI-852-2	<-0.05 in. wc¹	16-	7.	02-06-	œ.	<u> </u>	0,00	20	72	ar-97-		- 02 -	1.00	07.
	IFIT Facility AP	PDI-865-4 or PDI-865-5	<-0.05 in. wc	61'-	bl-	7.	NO 61-	7.19	3/0	18	2.0	7.	٦. ام	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	19	61-
	North busement AP	PDI-804-1 or PDI-804-2	< 0.00 in. wc	012	01-	012 مات	0,00	01:0		10	10	01'- 01'-	+	01.	1:01:	0.
4.1.1.3	South basement AP		< 0.00 in. wc	011	11-	1-1012	0,01-	0,000	01.0	2	91'-	01-101-		01.	5.	01.
	IRT Tunnel AP	PDT-901 or PDI-901	< 0.00 in. wc	- 810.	103	100 dol - vol 501-	901	17	3	10000 001.	70.	-,076	150 - Pro - 450 -		JOH - 00.	316

ATTACHMENT A: Per Shift Surveillance Rounds [UET] (Page 2 of 3)

				2	(1 age 2 01 3)		+		-					
:	Note		Date:	6-22-15		6-23-15	1 / PE	16/25	9 14	6-26-15	10/00/15		6-28-15	2
Reading:	Readings should be taken using FCS screens		Weekday:	Mon.		Tue.	Wed.	Thu.		Fri.	Sat.	it:	Sun.	نے
FMT#15	FMT#151,152,201LD		Shift:	AM P	PM AM	1 PM	AM PM	AM	PM AM	4 PM	AM	PM	AM	PM
and 2021 and local p be used if	and 202LD, rieta ventication and local plenum PDIs may be used if FCS is unavailable.		Initials:	9	n	3	13	B	8	3	3	3	9	3
SRs	Description	Readings	Acceptance Criteria				SURVEILLANCE RESULTS Sat. / Unsat. (circle one)	RVEILLANCE RESUL Sat. / Unsat. (circle one)	E RES	SULTS				
	200 area re- circulation fan/	FR-801 Icon red and PDT-831 AP>.050 or	At least one fan/plenum is in	Sat	Sat Saj		Sat	3	Sat Sat	(s)	(\$)	Sat		Sat
	plenum	FR-802 Icon red and PDT-832 AP > .050	service	Unsat	nsat Uns	at Unsat	Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat	Unsat U	ısat Uns	at Unsat	Unsat	Unsat U	Unsat U	Unsat
	100 area re- circulation fan/	FR-803 Icon red and PDT-833 AP > .050 or	At least one fan/plenum is in		Sal	(Sat)		(B)	Sat	Sat	(g)	Sat	(F)	Sat
	plenum	FR-804 Icon red and PDT-835 AP >.050		Unsat Ur	Unsat Unsat	it Unsat	Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat	t Unsat U	ısat Uns	at Unsat	Unsat	Unsat		Unsat
4.1.1.6	300 area re-	FR-805 Icon red and PDT-836 AP >,050	At least one fan/plenum is in	Sat	(Salva)	Ē	Sat	Say	Saz	Sat	(Sail)	Sat		
	plenum	FR-806 Icon red and PIYF-837 AP > .050		Unsat Unsat Unsat Unsat	ısat Unsı		Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat	Unsat U	ısat Uns	at Unsat	Unsat	Unsat U	Unsat U	Unsat
	400 area re-	FR-807 Icon red and PDT-838 AP>,050	At least one	(Sa)	Sat Say		Sat		Say (Sat	(S)	(Sat	(Sat)	Sat	
	plenum	red and P >.050		Unsat Ur	ısat Unsi	it Unsat	Unsat Unsat Unsat Unsat Unsat Unsat	Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat	sat Uns	at Unsat	Unsat	Jusat U	nsat U	nsat
	Vault re-	FR-811 Icon red and PDT-840 AP >.050	At least one	Sat) (8	(Sat)	Sat	Sat Sat	(Sa)	Se Se	Sat	(gar)	(%)		Sat
	fan/ plenum	FR-812 Icon red and PDT-841 AP >.050	service	Unsat Ur	isat Unsi	It Unsat	Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat	Unsat U	Isan Uns	at Unsat	Unsat	Jusat U	nsat U	nsat

ATTACHMENT A: Per Shift Surveillance Rounds [UET]

(Page 3 of 3)

6-28-15	Sun.	W.I	3		(Sar Unsat	Sat Unsat	(Say	it Unsat	WENT CETO
ف	_	VW	9			(Sat Unsat	(Sat)	Sat	(Sat) (Sat) (Sat) (Sat) Unsat Unsat Unsat Unsat	20
7	Sat.	Ϋ́	3		1	SS (SS)	L Lisa	Sag	Saj t Unsa	121
12/2		Α	3		(Chasa Unsa	Unsa	C _{Insa}	Unsa	24.0
6-26-15 Ward	Fri.	Σ	3	LTS	((Sa) (Sa) (Sat (Sat (Sat Unsat	Sat Unsat	Sat	Chrsat	12/1
		Ϋ́	9	ESU	le one	Unsat	Sa Unsat	Sat (Sav Jusat Unsat	Saj Unsat	ELS.
1/2	Thu.	M.	R	CER	(circ		(Sat) (Sat) (Sat) (Sat) Unsat Unsat Unsat	Sat (Sav Sa) (Sav Unsat Unsat Unsat	Sat	ohbl
6 pc	, E	νМ	13	SURVEILLANCE RESULTS	Sat. / Unsat. (circle one)	Sail Unisai	is in the second			1221 Jalo 1231 1840 01131 1820 1261 1820
14/15	. 75	M.	8	RVEI	Sat. / 1		Sal	Sat	Sag	1261
6/0	Wed	νм	B	Su	~	Sat San Unsat Omsat	Jusat	Onsat	Sag.	27.25
3-18	e.	ΡM	3		(Sat	Unsat	Sat	ST.
17-9	Tue.	٧W	9				Sat		Par C	
6-12-15 6-23-15 6/24/15/6/2/12	Ľ.	Μ̈́	2)		(Sal (Say (Say) Jusat Unsat	(Sat) (Say (Sat) (Sat) Unsat Unsat Onsat	Sat (Sat) Onsat Unsat	Sas Sast	1433
21-9	Mon.	٧W	D			Sal) Unsat	Character Control	Unsal	&aí Unsat (C130 (E3) 6/10
Date:	Weekday:	Shift:	Initials:	Acceptance	Criteria	PDI-8(4-2 < PDI-803- 2 < PDI-804-2	PDI-820-2 < PDI-802- 2 < PDI-804-2	PDI-870-2 < PDI-853- 2 < PDI-854-2	PDI-864-2 PDI-852-2 PDI-864-2 < PDI-852- PDI-854-2 2 < PDI-854-2	
	ck #4 in	таве		Condo	Cauge	PDI-814-2 PDI-803-2 PDI-804-2	PDI-820-2 PDI-802-2 PDI-804-2	PDI-870-2 PDI-853-2 PDI-854-2	PDI-864-2 PDI-852-2 PDI-854-2	Completion Time
	ken on ra Fequivaler	nt any alte		V POO	210	200 Area	100 Area	300 Area	400 Area	
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		Description	•	Glovebox exhaust hender APs	< laboratory APs < basement APs for areas 100, 200, 300	and 400		
(Gauge read	be used if ne	i Cis asca.	SRs			4.	0 100		

B

Note: ¹ Mode 2 acceptance criteria is < 0.00 in. wc Note: ² SRs 4.1.2.x only apply during mode 2 in accordance with LCO 3.1.2.

Date 6/4/5 Time 1974 Completed by: L

Date: lotal On duty Supervisor

Reviewed by:

001

Comments:

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 1 of 4)

storage cabinet. The gas concentration readout directly on the detector in the storage cabinet is compared with the gas concentration readout on 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 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:	6-12-15	6-12-15 4-23-15 4-24-15 6-25-15 6/26/15 6/20/15	h-24 - 15	6-25-15	6/26/15	2/12/15	6/20/15
	e	Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
		Initials:	77	77	74	74	dn	On	lln
	Description / Gauge	Acceptance Criteria		S	URVEILLAN	SURVEILLANCE RESULTS (percentage)	(percentage)		
SR	Flammable Gas Channel Check DET-305-3 (LCD Reading)	Y X	0.0	0.0	Č.		9	S	(
4.4.1.1	CP-305-H (LED Reading)		0.0	0.0		, ,			
	(DET-305-3) – (CP-305H)	Record Calculated Value	0.0	0	0.0	0	0.0	0.0	0.0
	(LCD Reading) (LED Reading)	≥-0.1; ≤+0.1	Sat)/ Unsat. (Sat.)/ Unsat.	Sat.)/ Unsat.	Sat. Unsat.	Sat.) Unsat. Say / Unsat. Say / Unsat. Say / Unsat.	Sat/Unsat.	Sall Unsat.	Sal / Unsat.
22		Completion Time:	0823	0842	080	0837	0750	1027	4280

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side)[UET] (Page 2 of 4)

					, ·					
			Date:	6-22.15	6-22-15 6-23-15	6-24-15	6-25-15	6/20115	6/27/15	5/28/15
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri	Sat.	Sun.
			Initials:	79	70	74	1-6	dn	NA NA	DAL
SRs	Description	Gauge	Acceptance Criteria			SURVE	SURVEILLANCE RESULTS (in. wc)	sulus		
4.1.3.4	South basement	1-894-1	$<2.0 \text{ & } > 0^4 \text{ in. wc}$	01.	01.	oj.	60.	ol.	01	91.
	(IIVP-841) AP	PDI-894-2	$\leq 2.0 \text{ & } > 0^4 \text{ in, wc}$,52	. 53	154	154	15:	10	(5)
·	South Corridor supply (HVP-	1-598-ICI ₄	< 2.0 & > 01 in. wc	. /3	13	, 12	. 13	. 13	.73	13
4.1.4 	810) AP	PIDI-895-2	<2.0 & > 0 in, wc	. 59	5.6	. 59	59	79.	29	.62
		1-718-10d1	≤2.0 & > 0 in, we	32	31	.31	, 32	.32	31	22.
4,1,3,4	300 area glovebox	PDI-817-2	<2.0 & > 01 in. wc	13	3.3	, 33	.34	35.	35	.35
	(FF854) AP	PDI-817-4	$\le 2.0 \text{ & > 0}^{1} \text{ in. wc}$	35	734	, 35	.35	98.	25.	2
		PDI-817-5	≤2.0 & > 0 in. wc	131		15	1.31	.3/	-3(Ę,
,	300 area special	PDI-81 9-1	$\le 2.0 \& > 0^4 \text{ in. wc}$	14.	16	141	. 41	16*	lh•	/4.
4.1.3.4	recovery glovebox exhaust filter plenum	PDI-81 9-3	$\le 2.0 \& > 0^1 \text{ in, wc}$	14:	17	14.	141	14.	lh.	14-
	(FF858) AP	PDI-819-4	$\le 2.0 \& > 0^3 \text{ in. wc}$, 34	.35	3.5	135	36	72.	35
		1-818-1Gd ₁	$\le 2.0 \& > 0^4 \text{ in. wc}$	57.8y	5734	57.84	STRY	STBY	STBY	1877
4.1.3.4	300 area glovebox	PDI-818-2	$\le 2.0 \ \& > 0^1 \ in. \ wc$	5784	57.84	STRY	57.84	1972	STAY	7573
	exhaust filter plenum (FF855) AP	PDI-818-4	$\leq 2.0 \ \& > 0^1 \ in. \ wc$	57.84	STBY	5784	ST87	STBY	SYBV	CTAV
		PDI-818-5	$\leq 2.0 \text{ & > 0}^4 \text{ in. wc}$	STRY	5784	5787	5784	87.134	57.87	2737
4 6 4	300 area special recovery gloychux	PDI-821-1	$\leq 2.0 \& > 0^{1}$ in. wc	5734	5787	STRY	5784	57.8 /	77.87	STRV
¥.5.1.4	exhaust filter	PDI-821-3	$\leq 2.0 \text{ & > 0}^{-1} \text{ in. wc}$	5787	5787	5787	57.89	57.67	87.07	STBV
1	(FF859) AP	PDI-821-4	$\leq 2.0 \& > 0^4$ in. wc	STBY	STBY	5737	5784	57.84	X 8173	STB V

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET]

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			Date:	6-12-15	6-25-15	6.24.15	b-25-15	6/26/15	6/27/15	8/28/18
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	74	16	ユセ	74	1/4	Jh	OM
SRs	Description	Gauge	Acceptance Criteria			SURVI	SURVEILLANCE RESULTS (in. wc)	esutrs		
		1-228-10d1	$\leq 2.0 \text{ dx} > 0^1 \text{ in, wc}$. 94	95	. 95	, 95	76	ħβ	76
4.1.3.4	400 area glovebox	PDI-822-2	$\leq 2.0 \ \& > 0^3 \ in, wc$	68,	65	,59	, 59	.59	.59	65
	exhaust inder plenum (FF856) AP	PDI-822-4	$\leq 2.0 \cdot \mathcal{E} > 0^4$ in. We	.49	64.	64	ьh.	64	67	Ş
		PD1-822-5	$\leq 2.0 & > 0^{1} \text{ in, wc}$. 5/	121	1 4	. 7	/5"	15	15
		¹ PDI-823-I	$\leq 2.0 & > 0^{1} \text{ in. wc}$	57.87	5784	57.BV	CTBY	57.07	\$773 V	1072
4.1.3.4	400 area glovebox exhaust filter niemm	PDI-823-2	$\leq 2.0 \ \& > 0^1 \ \text{in. wc}$	5784	57BY	5784	5787	1872	STBV	STBV
	(FF857) AP	PDI-823-4	$\leq 2.0 \& > 0^4 \text{ in. wc}$	らかはソ	5787	57.8%	S78Y	1872	7872	CT/3V
		PDI-823—5	$\leq 2.0 \& > 0^{1}$ in. wc	STBY	STBV	5784	5784	YBYS	57.00	VETS
•	South Basement exhaust	¹ PDI-830-1	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	69.	69	69.	.70	.70	.70	.70
4.1.3.4	filter plenum (FE-829) AP	PDI-830-2	<2.0 & > 0 in. wc	,3/	3	31	187	.31	13.	ř
		PDI-830-3	<2.0 & > 0 ¹ in. wc	. 29	. 28	. 2B	67.	62.	4	18
	300 arca re-circulation	¹ PDI-836-1	<2.0 & > 0 in. wc	. 98	85	, A.	86	86.	65	. 97
	filter plenum	PDI-836-2	<2.0 & > 01 in, wc	, 58	58	5.8	.58	(3)	£	57
4.1.1.7		PDI-836-3	<2.0 & > 01 in. wc	-54	.53	.54	73.5	h5.	45	75
	300 area re-circulation	¹pDI-837-1	\$2.0 & > 0 in. wc	, 51	.51	,51	5.	/5	15.	15.
	filter plenum	PDI-837-2	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	1 /2 4	14:	. H.2	16.	14:	(4)	14.
		PDI-837-3	<2.0 & > 01 in. wc	.39	, 39	07.	. 39	.39	.39	.39

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 4 of 4)

		Sec. all	Dute:	6-22-15	6-23-15	b-24-15	6-25-15	6/18/15	8/102/18	31/32/9
			Weekday:	Mon.	Tue.				Sat.	Sun.
			Initials:	74	79	16	1-6	An	AN	an
SRs	Description	Gauge	Acceptance Criteria			SURVI	SURVEILLANCE RESULTS (in. wc)	esul'us		
i i	400 area re-circulation	1-828-IO ¹	$\leq 2.0 \text{ ks} > 0^{-1} \text{ in. wc}$	641	64,	64'	67,	6h	65	67
-	filter plenum	PDI-838-2	$\leq 2.0 \ \& > 0^{1} \ in. \ wc$	77.3	, 5B	. 57.00	. 58	95.	75.	25
4.1.1.7		PDI-838-3	$\leq 2.0 \text{ K} > 0^4 \text{ in. wc}$,51	15.	1.5	12,	15.	15.	į,
	400 area re-circulation	1-958-1041	$\leq 2.0 \text{ & > 0}^{4} \text{ in. we}$	45	56:	36-	. 45	5h	3H	5/3
	filter plenum	PDI-839-2	$\leq 2.0 \ \& > 0^1 \ \text{in. wc}$.59	. 53	70.	, 59	5.6	55.	5
		PDI-839-3	$\leq 2.0 \text{ & > 0}^4 \text{ in. wc}$, 5.5	, 55	. 5.5	, 74	5.5	7.	7
	South Bleed off filter	1-018-IQd,	$\leq 2.0 \ \& > 0^{1} \ \text{in, wc}$	157	2/2	15	, ,	51.	3/	31
4.1.3.4	plenum (FE-822A) AP	PDI-810-2	$\leq 2.0 \text{ & } > 0^{-1} \text{ in. wc}$. 45	45	84.	44.	hh.	hh	37.
		PDI-810-3	\leq 2.0 & > 01 in. wc	. 42	147	HH.	hh.	.42	24	15
	South Bleed off filter	1-118-101	$\leq 2.0 \ \& > 0^{1} \ \text{in. wc}$	OFF	OFF	OFF	110	P\$	1340	310
4.1.4	plenum	PDI -811 -2	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	77 77	OFF	OFF	320	Ą	230	, j
	10 (1770-1.1)	PDI -811 -3	<2.0 & > 0 in. wc	0 7 7	0 15 15	2,70	OFF	45	7.7	S S
			. Completion Time	0846	0856	9180	0851	0835	1020	C680
00	OC Operator Review and Page Count Complete (initials)	age Count Comp	lete (initials)	6	5	3	(MIX)	9	8	9
Non TSR requirement	rement:				82	\$3/6	No.			

Note: SR 4.1.1.7 applies during mode 1 as stated in LCO 3.1.1. SRs 4.1.3.X apply during mode 1 and mode 2 as stated in LCO 3.1.3.

Reviewed by: Date 6/20/5 Time 6/20) Completed by:

Comments

Date: 6/29/15 Time:

On-duty Supervisor

ATTACHMENT B-2: Daily Surveillance Rounds (PF-4 North Side)[UET] (Page 1 of 4)

				(1 age 1 01 +)						
			Date:	6/22/15	6/23/2015	1/24/2015	45/2015	8/127/9	6/27/15	8/181/9
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	Nh	8F	38	7	M	Mr.	JW
SRs	Description	Gauge	Acceptance Criteria	-		SURVI	SURVEILLANCE RESULTS (in. wc)	SULTS		
	Vault re-circulation	¹PDI-840-1	<2.0 &>01 in. wc	57.07	STBY	STBY	STSY	9/*	9/	71.
	filter plenum	PDI-840-2	<2.0 & > 0 in wc	(41.5	STBY	STRY	STBY	65	75.	25.
		PDI-840-3	$\leq 2.0 \text{ dz} > 0^4 \text{ in. wc}$	Y5737	STBY	STBY	STBY	.50	05.	o v
4.1.1.7	Vault re-circulation	¹PI)I-841-1	<2.0 & > 01 m, wc	. 45	.45	.45	.45	CMB V	7.07.5	57av
	filter plenum	PDI-841-2	<2,0 & > 0 ¹ in. wc	57	.57	85.	.58	2787	A ELCS	erno
	(710-1411)	PDI-841-3	<2.0 & > 0 ^t in. wc	5/	15.	15.	jų.	YELLS	VEY	Carac
	200 area re-circulation	¹PDI-831-1	$\leq 2.0 \& > 0^1 \text{ in. wc}$.34	7.	. зч	ነ8.	.34	34	3.5
	filter plenum	PDI-831-2	<2.0 & > 01 in. wc	04.	7.7	141	141	14.	(h'	lh.
		PDI-831-3	$\leq 2.0 \text{ &> } 0^1 \text{ in. wc}$.35	-36	.36	. 36	.35	38.	35
	200 area re-circulation	¹ PDI-832-1	<2.0 & > 01 in. wc	53	. 33	-34	h£.	33	.33	.33
	filter plenum (HVP-802) AP	PDI-832-2	<2.0 & > 01 in. wc	99	. 60	.60	19.	19.	19.	9.
		PDI-832-3	≤2.0 & > 0 ^t in. wc	26	.57	.57	.58	26	35	75.
		1-208-1Cld1	$\leq 2.0 \& > 0^{1} \text{ in. wc}$.17	21.	.12	.12	450	350	330
4.C.	North Bleed old lifter plenum	PDI-807-2	$\leq 2.0 \ \& > 0^{1} \ in. \ wc$	15.	·5(.51	51	OFF	OFF.	440
	(FF-620A) AIT	PDI-807-3	$\leq 2.0 \text{ &} > 0^1 \text{ in. we}$	50	.50	.50	.50	J.yo	£#%	\$20
	North Bleed off filter	1-608-10d _t	$\leq 2.0 \& > 0^3 \text{ in. wc}$	off	0110	OFF	950	20.	(0.	70.
*:C-1-+	plenum (FF-820B) △P	PDI-809-2	<2.0 &> 01 in. wc	250	OFF	OFF	の年に	.50	.50	95.
		PD1-809-3	$\le 2.0 \ \& > 0^1 \ in. \ wc$	OFF	の子だ	L Tt	아타다	25.	hh.	ħħ"

TA55-STr-:004, R17

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

Site Description Cauge Nectoday: Mon. The. Wed. The. Prop. Morth Basement cahast Prop. 229-1					2	(, -,						
Description Gauge Agreptance Criteria Pr. Pr				Date:		5102/52/	6/24/2015	6/25/2015	6/26/15	6/20/15	8/26/15	
North Basement cahasat PDI-829-1 Agceptance Criteria Agceptance Criteria Agceptance Criteria PDI-829-1 Agceptance Criteria PDI-829-2 Agceptance Criteria PDI-829-2 Agceptance Criteria PDI-829-3 Agceptance Criteria PDI-829-3 Agceptance Criteria PDI-829-3 Agceptance Criteria PDI-829-3 Agceptance Criteria PDI-829-3 Agceptance Criteria PDI-839-3 Agceptance Criteria PDI-839-3 Agceptance Criteria PDI-839-3 Agceptance Criteria Agceptance Criteria PDI-839-3 Agceptance Criteria Agceptance Criteria PDI-839-3 Agceptance Criteria PDI-839-3 Agceptance Criteria Agceptance Criteria PDI-839-3 Agceptance Criteria PDI-839-3 Agceptance Criteria Agceptance Criteria PDI-839-3 Agceptance Criteria PDI-839-3 Agceptance Criteria PDI-839-3 Agceptance Criteria PDI-839-3 Agceptance Criteria PDI-839-3 Agceptance Criteria Agceptance Criteria PDI-839-3 Agceptance Criteria PDI-839-3 Agceptance Criteria PDI-839-3 Agceptance Criteria PDI-839-3 Agceptance Criteria PDI-839-3 Agceptance Criteria PDI-839-3 Agceptance Criteria PDI-839-3 Agceptance Criteria PDI-839-3 Agceptance Criteria PDI-839-3 Agceptance Criteria Agceptance Criteria PDI-839-3 Agceptance Criteria PDI-839-3 Agceptance Criteria PDI-839-3 Agceptance Criteria PDI-839-3 Agceptance Criteria PDI-839-3 Agceptance Criteria Agceptance Criteria PDI-839-3 Agceptance Criteria Agceptance Criteria PDI-839-3 Agceptance Criteria Agceptance Criteria PDI-839-3 Agceptance Criteria Agceptance				Weekday:		Tue.	Wed.	Thu.	Fri.	Sat.	Sun.	
North Basement exhaust PDI-829-1 2.9 & 20 ¹ in wc 1 11 18 18 18 18 18 19 18 19 18 19 18 19 18 19 18 19 18 19 18 19 18 19 18 19 19) C	Initials:	Chr.		8 _F	1 2	J.	1	B	,
PDI-829-1 PDI-829-2 \$20 & > 0' in, we I	SRs	Description	Gauge	Acceptance Criteria			SURVE	EILLANCE RE (in. wc)	SOUTS			- 13
Titler plenum FF-823 \$20 & > 0' in, we .30 .30 .30 .32 .38 .			¹ PDI-829-1	$\leq 2.0 \& > 0^{4} \text{ in, wc}$	""	11.	ů,	g) .	2/.	2	. 73	
PDI-839-3 \$\(2.0 & \times \) PDI-839-1 \$\(2.0 \ & \times \) PDI-839-1 \$\(2.0 \ & \times \) PDI-833-1 \$\(2.0 \ & \times \) PDI-833-2 \$\(2.0 \ & \times \) PDI-833-2 \$\(2.0 \ & \times \) PDI-833-3 \$\(2.0 \ & \times \) PDI-833-3 \$\(2.0 \ & \times \) PDI-833-3 \$\(2.0 \ & \times \) PDI-833-3 \$\(2.0 \ & \times \) PDI-833-3 \$\(2.0 \ & \times \) PDI-835-3 PDI-83	4.1.3.4	filter plenum (FF-828)	PDI-829-2	$\leq 2.0 & > 0^4$ in, we	.30	.30	.32	พั	Š	12	.3.	,
100 area re-circulation PDI-833-2 \$\(2.0 & \times \) 0 \(1.0 \) \(7			PDI-829-3	0	.23	.22	. 28	. 28	22.	12:	27	
Hiler plenum PDI-833-2 \$\(2 0 & \alpha > 0^1 \) in. wc \(\frac{4}{4} \alpha \) \(\frac{1}{4} \beta \) \(\frac{1}{4		100 area re-circulation	¹PDI-833-1		51.0	21.0	>1.0	>1.0	21.0	21.0	21.0	
PDI-833-3 \$20 &> 0¹ in. wc \$45 .46 .47 .46 PDI-835-1 \$20 &> 0¹ in. wc \$16 .16 .17 PDI-835-2 \$2.0 &> 0¹ in. wc \$45 .46 .47 .48 PDI-835-3 \$2.0 &> 0¹ in. wc \$45 .46 .47 .48 PDI-815-1 \$2.0 &> 0¹ in. wc \$42 .42 .45 .44 PDI-815-1 \$2.0 &> 0¹ in. wc \$734 \$7584 \$7584 \$7584 PDI-815-2 \$2.0 &> 0¹ in. wc \$7734 \$7784 \$7784 \$7784 PDI-815-3 \$2.0 &> 0¹ in. wc \$7734 \$7784 \$7784 \$7784 PDI-815-3 \$2.0 &> 0¹ in. wc \$7734 \$7784 \$7784 \$7784 PDI-815-3 \$2.0 &> 0¹ in. wc \$46 .47 .48 PDI-816-2 \$2.0 &> 0¹ in. wc \$46 .47 .48 PDI-816-3 \$2.0 &> 0¹ in. wc \$46 .47 .49 PDI-816-3 \$2.0 &> 0¹ in. wc \$46 .47 .49 PDI-816-5 \$2.0 &> 0¹ in. wc \$46 .47 .49 PDI-816-5 \$2.0 &> 0¹ in. wc \$48 .45 .49 .49 PDI-816-5 \$2.0 &> 0¹ in. wc \$48 .49 .49 PDI-816-5 \$2.0 &> 0¹ in. wc \$48 .45 .49 .49 PDI-816-5 \$2.0 &> 0¹ in. wc \$48 .49 .49 .49 PDI-816-5 \$2.0 &> 0¹ in. wc \$48 .49 .49 .49 PDI-816-5 \$2.0 &> 0¹ in. wc \$48 .49 .49 .49 PDI-816-5 \$2.0 &> 0¹ in. wc \$48 .49 .49 .49 PDI-816-5 \$2.0 &> 0¹ in. wc \$48 .49 .49 .49 PDI-816-5 \$2.0 &> 0¹ in. wc \$48 .49 .49 .49 PDI-816-5 \$2.0 &> 0¹ in. wc \$48 .49 .49 .49 PDI-816-5 \$2.0 &> 0¹ in. wc \$48 .49 .49 .49 PDI-816-5 \$2.0 &> 0¹ in. wc \$48 .49 .49 .49 PDI-816-5 \$2.0 &> 0¹ in. wc \$48 .45 .40 .40 .40 PDI-816-5 \$2.0 &> 0¹ in. wc \$48 .40 .40 .40 .40 PDI-816-5 \$2.0 &> 0¹ in. wc \$48 .40 .40 .40 .40 .40 PDI-816-5 \$2.0 &> 0¹ in. wc \$48 .40 .40 .40 .40 .40 PDI-816-5 \$2.0 &> 0¹ in. wc \$48 .40		filter plenum	PDI-833-2		36	74.	8h.	8h.	74,	ch.	4.	
100 area re-circulation PDI-835-1 \$\leq 2 0 & \epsilon \rightarrow 16 \cdot \cdo	4.1.1.7		PDI-833-3		Sh	.46	74.	.46	Sh	sh.	Sh.	
Filter plenum FDI-835-2 \$\leq 0.0 & \times \rightarrow \righ		100 area re-circulation	1-5835-I		91	16	اره	71.	.16	91.	91	
PDI-815-3 \$\leq 2.0 & > 0^1 in. wc \ldots 2.73 \rdots 2.75 \rdots 2.44 \text{PDI-815-1} \$\leq 2.0 & > 0^1 in. wc \leq 773 \rdots 2.45 \rdots 7.54 \text{STBY} STBY		filter plenum	PDI-835-2		<i>Sh</i> :	.46	۲۳-	84.	94"	94.	9h.	
100 area glovebox PDI-815-2 \$\leq 2.0 & > 0^1 in. wc \$\rightarrow{\text{Fir852}}\$ \ \text{Cxhaust filter plenum PDI-815-2 \$\leq 2.0 & > 0^1 in. wc \$\rightarrow{\text{Fir852}}\$ \ \text{Cxhaust filter plenum PDI-815-5 \$\leq 2.0 & > 0^1 in. wc \rightarrow{\text{Fir852}}\$ \ \text{Cxhaust filter plenum PDI-816-1 \$\leq 2.0 & > 0^1 in. wc \rightarrow{\text{Fir853}}\$ \ \text{Cxhaust filter plenum PDI-816-2 \$\leq 2.0 & > 0^1 in. wc \rightarrow{\text{Fir853}}\$ \ \text{Cxhaust filter plenum PDI-816-2 \$\leq 2.0 & > 0^1 in. wc \rightarrow{\text{Fir853}}\$ \ \text{Cxhaust filter plenum PDI-816-4 \$\leq 2.0 & > 0^1 in. wc \rightarrow{\text{Fir853}}\$ \ \text{Fir853}\$ \ \text{Fir853}\$ \ \text{Fir854}\$ \ \text{Fir855}\$ \ \text{Fir855}\$ \ \text{Fir855}\$ \ \text{Fir864}\$ \ \text{Cx} \ \text{Cx} \ \text{Cx} \ \text{Fir87}\$ \ \text{Cx} \ \text{Fir87}\$ \ \text{Cx} \ \text{Fir87}\$ \ \text{Cx} \ \text{Cx} \ \text{Fir87}\$ \ \text{Cx} \ \text{Fir87}\$ \ \text{Cx} \ Cx			PDI-835-3		.42	.42	.43	17h ·	7h	.42	42	
100 area glovebox PDI-815-2 \$\left(2,0 \& \times \) \(\times \)			¹ PI)I-815-1		573 V	STBY	STBY	STBY	17,	17.	ત્	
FPI-815-4 \$\leq 2.0 & > 0^1 in. wc \$\rightarrow 77By \$\rig	4.1.3.4	100 area glovebox	PDI-815-2		STBV	STBY	STBY	STBY	05'	25	.50	
PDI-815-5 \$\leq 2.0 & > 0^1 in. wc \leq 2.0 \rightarrow \rig		(FF852) AP	PDI-815-4		STBY	STBY	STBY	Sr. 8V	1,6	. th.	.47	
100 area glovebox PDI-816-1 \$\leq 2.0 & > 0^1 in. wc \rangle \			PDI-815-5	$\leq 2.0 \text{ &> } 0^1 \text{ in, we}$	YOYS	STBY	ST-84	STBY	34.	.45	.45	
100 area glovebox PDI-816-2 \$\leq 2.0 & > 0^4 \text{ in. wc} \text{46} \text{.45} \text{.47} \text{.47} \text{.48} \text{.48} \text{.49} \t		,	1-816-1		ch:	.40	14.	17.5	57137	yeus	STBY	
PDI-816-5 <2.0 & > 0 ¹ in. wc . 46 . 47 . 49 . 49 . PDI-816-5 <2.0 & > 0 ¹ in. wc . 48 . 48 . 49 . 5Φ	4.1.3.4	100 area glovebox	PDI-816-2		.48	.45	.47	, t %	STBY	stay	STBY	
52.0 &> 0 in. wc 48 . 48 . 49		(FF853) AP	PDI-816-4	<2.0 & > 0 in. wc	94.	.47	64.	٠ 49	27.07	57.8 %	STBV	
		÷	PDI-816-5		84	. 48	와.	. 50	57.8%	STBY	STBY	

ATTACHMENT B-2: Daily Surveillance Rounds (PF-4 North Side) [UET] (Page 3 of 4)

			Date:	6/11/15	6/25/2015	6ku/2015	125/2015	elects	6/27/15	51/32/19
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	gar	₽ 1±	8 ¹	2	AM.	J.	J.
SRs	Description	Свивс	Acceptance Criteria	,		SURVI	SURVEILLANCE RESULTS	sucrs		-
	200 area glovebox	1-218-101	$\leq 2.0 \ \& > 0^1 \ \text{in. wc}$	5713 7	STBY	91.	<u>9</u> 1.	91.	77.	16
	cxhaust filter plenum (FF850) AP	PDI-812-2	<2.0 & > 0 in. wc	\d\.	STBY	.38	.37	33	.37	37
4.1.3.4		PDI-812-3	$< 2.0 & > 0^{1} \text{ in wc}$	2773	STRY	.40	. 38	32	.38	300
		PDI-812-4	<2.0 & \ 0 in wc	75172	STBY	.38	72.	36	3.	5
		PDI-812-5	<2.0 & > 0 ha. wc	57134	STBY	. 32	J.G.	12	12,	3/
	200 area glovebox	1-813-1	<2.0 & > 01 in. we	1.08	1.11	STBY	STBY	57B V	A ELAS	C7RV
	exhaust filter plenum (FP851) AP	PDI-813-2	<2.0 & > 0 in. wc	31	.51	STBY	STBY	24.8 4	57.67	57.84
÷.5.1.÷		PDI-813-3	$\leq 2.0 \text{ & > 0}^4 \text{ in. wc}$	30	30	STBY	STEY	27.84	cyay	STAU
		PDI-813-4	$\leq 2.0 \& > 0^{1}$ in. wc	31	.32	STBY	STEV	1872	C7.87	97.87
		PDI-813-5	$\leq 2.0 \& > 0^1 \text{ in. wc}$	28	.28	STBY	STBY	1848	4843	72.7
-	IFIT exhaust filter plenum	1-865-I	<2.0 & > 0 in. wc	.03	, o3	ho.	50.	.03	.03	6
\$.C.1.\$	(FF-865) ΔP	PIDI-865-2	<2.0 & > 01 in. wc	35.	.35	.35	35	.36	.32	.32
		PDI-865-3	<2.0 & > 0 in. wc	/4.	-	141)h	l'h	29	Š
	IFIT supply filter plenum	¹PDI-863∗1	≤2.0 & > 01 in. wc	90-	90.	.06	90.	8	90.	90
4.1.3.4	(HVP-863) AP	PDI-863-2	≤2.0 & >0¹ in. wc	12	. 28	82.	. 28	.78	96	7.9

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

(Page 4 of 4)

				(1 10 10 1)						
			Date:	6/12/15	6/23/2015	6/4/2015	5/25/2015	6/16/15	6/21/15	6/28/15
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	An An	8	<u>ማ</u>	a F	M	J.	M/
SRS	Description	СяпВс	Acceptance Criteria	\		SURV	SURVEILLANCE RESULTS	esultrs		
	North Basement supply filter plenum	1-728-IOH	$\leq 2.0 \& > 0^{1} \text{ in. wc}$	h/.	11.	00	₺1.	2	81	21.
4.1.2.4	(HVP-840) AP	PDI-857-2	≥2.0 & > 0 in. wc	ch.	74.	84.	84.	3	84.	ōh"
4.1.3.4	North corridor supply filter plenum	1-958-ICId ₁	$\leq 2.0 \text{ & > 0}^{-1} \text{ in we}$.13	. 13	₽1.	ħ):	£1,		E) .
	(HVP-809) AP	PDI-856-2	$\leq 2.0 \text{ & > 0}^{1} \text{ in. wc}$	P\$34	£,	. 59	.59	3	2	2 2
an'	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)	KS C	SAT	**	SAT	Its	E	5
43.2.2	Rooms 201, 204, 206, & 207		0 lb/ft² combustibles within 3.5 feet perpendicular from the face of the PMMA, the width of the aisles between glovebuxes, or up to the walls of the rooms, whichever is less	ES	SAT	4	SAT	Es	E	5
,			Completion time	0912	0905	0880	8/80	0520	191	2875
	OC Operator Rev	view and Page Co	OC Operator Review and Page Count Complete (initials)	\mathcal{U}^{\sim}	Non	× 05	04/40)	_	3
Non TOD	Non TCD manifestate				200					

Note: SR 4.1.3.4 applies during mode 1 and mode 2.

Completed by:

Date 6/18/2 Time OP25 Reviewed by:

Comments:

On-darly Supervisor

ATTACHMENT A: Per Shift Surveillance Rounds [UET] (Page 1 of 3)

				1	(======================================	`		-							
{	Note		Date:	06.29	d. 29-15 d. 30.15	20.15								:	
Gauge re taken on	Gauge readings should be taken on rack #4 in the OC.		Weekday:	Mon.		Tue.	Wed.	-:	Thu.		Fri.	Sat.	Ť.	Sun.	٠:
whenever	whenever possible. Document if		Shift:	AM	PM AN	AM PM	AM PM		AM PM	1 AM	PM	ΑM	PM.	AM	PM
alternate P	alternate l'Disare used.	W.	Initials:	R	1866	R									
SRs	Description	Gauge Accepta	ptance Criteria	11		_	SURV	EILI	SURVEILLANCE RESULTS (in. wc)	RES	ULTS	22			
	200 area glovebox exhaust header ΔP	PDI-814-1 or PDI-814-2	<-1.0 in. wc¹	707	13.04	30, 50.5		oc							
4.1.1.1	100 area glovebox exhaust header AP	PDI-820-1 or PDI-820-2	<-1.0 in. wc	12	1-19 P	194 PP-									
	300 area glovebox exhaust header AP	PDI-870-1 or PDI-870-2	<-1.0 in. wc¹	82	49-197	8.7									
	400 area glovebox exhaust header AP	PDI-864-1 or PDI-864-2	<-1.0 in. wc	1.87	161-0	42									
	200 area laboratory PDI-803-1 or header AP PDI-803-2	PDI-803-1 or PDI-803-2	<-0.05 in. wc	12.	12,	100 00	. •								
	100 area laboratory PDI-802-1 or header AP PDI-802-2	PDI-802-1 or PDI-802-2	<-0.05 in. wc¹	17.	42. 1°									_	
4.1.1.5	300 area laboratory PDI-853-1 or header AP	PDI-853-1 or PDI-853-2	≤-0.05 in. wc¹	di	8. <u>y</u>	8			(
	400 area laboratory PDI-852-1 or header AP PDI-852-2	PDI-852-1 or PDI-852-2	≤-0.05 in. wc¹	'N'	12.	6			3						
×	IFIT Facility AP	PDI-865-4 or PDI-865-5	<-0.05 in. wc	115	61: 6%	5/				1					
	North basement AP	PDI-804-1 or PDI-804-2	< 0.00 in. wc	101.	0,	9.	1			1					
4.1.1.3	South basement AP	PDI-854-1 or PDI-854-2	< 0.00 in. wc	べつい	1/2.	1/01:							-		
	IRT Tunnel AP	PDT-901 or PDI-901	< 0.00 in. wc	.083	M1, 201. 60, 500	7.									

ATTACHMENT A: Per Shift Surveillance Rounds [UET] (Page 2 of 3)

				7	Lage	(rage 2 01 3)											
;	Note		Date:	06.20	10	06-29-15-063015	<u>d</u>										
Reading:	Readings should be taken using FCS screens		Weekday:	Mon.	Ġ.	Tue.		Wed.		Thu.		Fri.		Sat.		Sun.	
FMT#15	FMT#151,152,201LD	I	Shift:	AM	PM	AM	PM A	AM	PM A	AM P	PM A	AM P	PM A	AM P	PM AM		PM
and 2021 and local r be used if	and 2021.D. Freid verilication and local plenum PDIs may be used if FCS is unavailable.		Initials:	72	?	R	Q,										<u> </u>
SRs	Description	Readings	Acceptance Criteria				S	URV	EILL / Un	SURVEILLANCE RESULTS Sat. / Unsat. (circle one)	E RE	SUL one)	TS			-	
	200 area re- circulation fan/	FR-801 Icon red and PDT-831 AP >:050 or	At least one fan/plenum is in	(3)	(8)	CIES STATE OF THE PARTY OF THE	(%)	Sat	Sat	Sat	Sat	Sat	Sat	Sat	Sat Sat		Sat
	plenum	FR-802 Icon red and PDT-832 AP > .050	service		Jusat	Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat	nsat U	nsat U	nsat UI	nsat Ur	ısat Ur	ısat Un	sat Un	ısat Un	sat Uns	at C	sat
	100 area re- circulation fan/	FR-803 Icon red and PDT-833 AP >.050 or	At least one fan/plenum is in	(3)	(3)	(at	(ES)	Sat	Sat	Sat	Sat	Sat	Sat	Sat	Sat Sat		Sat
	plenum	FR-804 Icon red and PDT-835 AP >,050	service	Unsat Unsat	Jusat	Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat	nsat U	nsat U	nsat U	ısat Ur	ısat Ur	ısat Un	ısat Un	sat Un	sat Uns	at	sat
4.1.1.6	300 area rc-	FR-805 Icon red and PDT-836 AP > 050	At least one fan/plenum is in	Sar)				Sat	Sat	Sat	Sat	Sat	Sat	Sat	Sat Sat		Sat
	plenum	FR-806 Icon red and PDT-837 AP >.050	service	Unsat	Jusat	Unsat Unsat Unsat Unsat		Unsat U	nsat U	Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat	Isat Ur	ısat Un	sat	sat Un	sat Uns	at Un	sat
	400 area re- circulation fan/	FR-807 Icon red and PDT-838 AP >,050 or	At least one fan/plenum is in	Sat	(E)		(S)	Sat	Sat	Sat	Sat	Sat	Sat	Sat	Sat Sat		Sat
	plenum	FR-808 Icon red and PDT-839 AP >.050	service	Unsat	Jusat	Unsat Unsat Unsat Unsat Unsat Unsat	nsat U	ısat U	nsat	Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat	sat Ur	ısat Un	sat Un	sat Un	sat Uns	at	sat
	Vault re-	FR-811 Icon red and PDT-840 AP > 050	At least one	Sat			(S)	Sat	Sat	Sat	Sat	Sat S	Sat S	Sat	Sat Sat		Sat
	fan/ plenum	FR-812 Icon red and PDT-841 AP > 050		Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat Unsat	Jusat	Jusat U	nsat Uı	nsat U	ısat Uı	ısat Ur	SacOr	ısat Un	sat Un	sat Un	sat Uns	at Un	sat

ATTACHMENT A: Per Shift Surveillance Rounds [UET]

(Page 3 of 3)

Gauge read the OC whe be used if n PDIs used. SRs	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. SRs Description Area Gauge Glovebox exhaust Glovebox exhaust Lind < laboratory Al's Incuder Al's A.1.1.4 < laboratory Al's Incuder Al's	ken on ra l equivale nt any alte Area 200 Area 100 Area	(v. 0) 0) 0) 0) 0) 0) 0) 0)	Weekday: Shift: Shift: Acceptance Criteria PDI-814-2 < PDI-803- 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2 2 < PDI-804-2	AM MC Wast Unsat	On Property of the Contract of	O630 AM Thue Character Unsat U Character Chara	Unsat (Unsat UR Sat Sat Sat Sat Sat Sat Sat Sat Sat Sat	VEIL VEIL Name of the state of	AM AM LANG Sat Sat Dinsat U Dinsat U Dinsat U Dinsat U	CE RE Sat Unsat r. Sat. Fr. Sat.	PM PM Sat Unsat at Unsat Unsat Unsat U	Sat Lina Lina Lina Lina Lina Lina Lina Lina	Sat Unsat U Unsat U Sat Sat Chreat U	PM PM Sat Unsat Unsat Sat Sat Sat Unsat Unsat Unsat Sat Sat Sat Sat Sat Sat Sat Sat Sat S			
		400 Area	PDI-854-2 PDI-864-2 PDI-852-2 PDI-854-2	PDI-854-2 2 C DI-554-2 PDI-864-2 PDI-864-2 < PDI-852-PDI-852-PDI-854-2				Consultation of the second	Sat	Sat Sat Sat Onsat Unsat	Sat Insat U	Sat Jusat U	Sat Sat Sat Sat Sat Sat Unsat Unsat Unsat	Sat Jusat U	Sat Jusat (Sat Jusat I	Sat	Sat
			Complet	Completion Time	ماعر	(B)	2210	2										

Note: \(^1\) Mode 2 acceptance criteria is < 0.00 in. wc \(^1\) Note: \(^2\) SRs 4.1.2.x only apply during mode 2 in accordance with LCO 3.1.2.

_ Datob/3d/STime [12] Completed by

Comments:

Reviewed by:

Date: 7/1/2 Time: 0600 On-dur Supervisor

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 1 of 4)

storage cabinet. The gas concentration readout directly on the detector in the storage cabinet is compared with the gas concentration readout on 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 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).

	Sun.							Sat. / Unsat.	
								ısat. Sat.	Æ
	Sat.							Sat. / Ur	
	Fri.		(percentage)					Sat. / Unsat. Sat. / Unsat.	
	Thu.		CE RESULTS	E .				Sat. / Unsat.	
	Wed.		SURVEILLANCE RESULTS (percentage)				×	Sat. Unsat.	5
5/30/15	Tue.	du	S		0.0	0.0	0.0	Sal / Unsal.	0824
6-29.15	Mon.	23		Š	0.0	G. C	٥. ٥	Sat.) Unsat. Say / Unsah	csol
Date:	Weekday:	Initials:	Acceptance Criteria	/ ·	N A		Record Calculated Value	> -0.1; <+0.1	Completion Time:
			Description / Gauge	Flammable Gas Channel	Check DET-305-3 (LCD Reading)	CP-305-H (LED Reading)	(DET-305-3) – (CP-305H)	(LCD Reading) (LED Reading)	
	21				SR	4.4.1.1			

TA55-S1. -004, R17

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side)[UET] (Page 2 of 4)

		Date:	17 C T C C C C C C C C C C C C C C C C C	4/30/1-					
		Weekday:	Mon.	1.uc.	Wed.	Thu.	Fri.	Sat.	Sun,
	100	Initials:	23	南			:	;	
Description	Сяпве	Acceptance Criteria	11		SURVE	SURVEILLANCE RESULTS (in. wc)	SULTS		
South basement	1-894-1	$\leq 2.0 \ \& > 0^1 \ \text{in. wc}$	ે દવ	.09					
supply litter plenum (HVP-841) AP	PDI-894-2	2.0 & > 0 in we	15.	15.					
South Corridor	1-895-10d1	$\leq 2.0 \text{ ec} > 0^4 \text{ in, we}$	71.	hl.					
810) AP	PDI-895-2	<2.0 & > 0 in wc	121	09					
15	1-218-IGd ₁	$\leq 2.0 \text{ &> } 0^1 \text{ in. wc}$	325	57.84					!
300 area glovebox	PDI-817-2	<2.0 & > 01 in, wc	35	STBY					
exhaust filter plenum (FF854) AP	PDI-817-4	$\le 2.0 \& > 0^1$ in, we	٦٤	अंदर्भ					
	PDI-817-5	<2.0 & > 0' in. wc	.33	STRY					
300 area special	PDI-81 9-1	$\leq 2.0 \text{ & > 0}^{1} \text{ in, wc}$	デ	Stay					
recovery glovebox exhaust filter plenum	£-6 18-1Cld	$\leq 2.0 \& > 0^1 \text{ in. wc}$	140	57.8	•		¥	37	
(FF858) AP	PDI-819-4	$\leq 2.0 \& > 0^{1}$ in. wc	35	STBY			ā		34
	1-818-IQd ₁	$\leq 2.0 \ \& > 0^1 \ in. \ wc$	ST&Y	. 28					
300 arca glovebox	PDI-818-2	$\le 2.0 \& > 0^1$ in, we	SFåY	. 32			5		
filter plenum (FF855) AP	PDI-818-4	$\leq 2.0 \& > 0^{1}$ in. wc	STBY	. 32					
	PDI-818-5	$\leq 2.0 \text{ & > } 0^1 \text{ in. wc}$	STBV	30		Y			
300 area special	PDI-821-1	<2.0 & > 01 in. wc	STBV	. 40					
exhaust filter	PDI-821-3	$\leq 2.0 \ \& > 0^1$ in. wc	STBY	. 45					
(FF859) AP	PDI-821-4	$\leq 2.0 \ \& > 0^1 \ in. \ wc$	STOY	. 40					

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET]
(Page 3 of 4)

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Surveillance Rounds

ATTACHMENT B-1: Daily Surveillance Rounds (PF-4 South Side) [UET]

(Page 4 of 4)

					,					
			Date: L	Dute: 430/15 4/30/15	4/30/15					
			Weckday:	Mon.	Fuc.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	5	友					
SRs	Description	Gauge	Acceptance Criteria			SURVE	SURVEILLANCE RESULTS (in. wc)	SULTS		
	400 area re-circulation	1-838-IQ1	$< 2.0 \& > 0^1 \text{ in. wc}$	bh.	<i>bh</i> ·					
	filter plenum	PDI-838-2	$-2.0 & > 0^{1} \text{ in. wc}$.55	15'					:
4.1.1.7	(100-111)	PDI-838-3	\leq 2,0 & > 0 m, wc	.51	.50					
	400 area re-circulation	'PDI-839-1	<2.0 & > 0 in. we	,45	44.					
	filter plenum	PDI-839-2	$\leq 2.0 \ \& > 0^{1} \ in. \ wo$	159	07.	57				W)
	(900-141)	PDI-839-3	$\leq 2.0 \text{ & > 0}^{-1} \text{ im, wc}$	55	.55					
	South Bleed off filter	1-018-IG4	$\leq 2.0 \text{ & > 0}^3 \text{ in. wc}$	8	DFF					
4.1.3.4	plenum	PDI-810-2	$\leq 2.0 \text{ &} > 0^1 \text{ in. wc}$	≥ h.	X.30					
		PDI-810-3	$\leq 2.0 \& > 0^{1}$ in. wc	٤4٠	AHO					
,	South Bleed off filter	1-118-10d1	$\leq 2.0 \ \& > 0^1 \ \text{in. wc}$	550	0/.	<				
4.13.4	plenum	PDI -811 -2	\leq 2.0 & >01 in. wc	350	: 45					
	IV (9770-13)	PDI -811 -3	$< 2.0 \& > 0^{1} \text{ in. wc}$	055	. 45					
			. Completion Time	2580	0530)/				
00	OC Operator Review and Page Count Complete (initials)	age Count Comp	olete (initials)	H. Car	各名					
					4					

Non TSR requirement:

Note; SR 4.1.1.7 appl/cs during mode 1 as stated in LCO 3.1.1. SRs 4.1.3.X apply during mode 1 and mode 2 as stated in LCO 3.1.3.

Date 3 15 Time DB30 Reviewed by:

Date: 7/1/15 Trime: G 6 00

On-duly-Supervisor

Comments

Completed by

Surveillance Rounds

ATTACHMENT B-2: Daily Surveillance Rounds (PF-4 North Side)[UET] (Page 1 of 4)

Gauge Weedsday; blan 'Tue. Wed. Thu. Fr. Sat. Sam. Cauge Acceptance Criteria 1.0 .16 <			Date:	6-29-15 6	6.30-15					!
Linitials: P. P. P.			Weekday:	Mon.	Tue.	Wed.	Thu.	Fr.	Sat.	Sun.
4 cceptance Criteria			Initials:	3	ph			6		
\$20 &> 0 in we [6 . 16 . 16 . 20 & 0 in we 55 . 56 . 56 . 50 . 50 . 50 . 50 . 50 .		ange	Acceptance Criteria			SURVE	ILLANCE RES (in. wc)	Salis		
\$2.0 & > 0 in' we . Sb \$6 \$2.0 & > 0' in' we . So \$6 \$2.0 & > 0' in' we . ST\$ > \$78 \(\) \$7.8 \(\) \$7.8 \(\) \$7.8 \(\) \$7.8 \(\) \$7.8 \(\) \$7.8 \(\) \$7.8 \(\) \$7.8 \(\) \$7.8 \(\) \$7.8 \(\) \$7.8 \(\) \$7.8 \(\) \$7.8 \(\) \$7.8 \(\) \$7.8 \(\) \$7.8 \(\) \$7.9 \(\) \$7.0 \(\) \$8.9 \(\) in. we . \$6.5 \(\) \$7.9 \(\) \$7.0 \(\) \$8.9 \(\) in. we . \$6.5 \(\) \$7.9 \(\) \$7.0 \(\) \$8.9 \(\) in. we . \$6.5 \(\) \$7.9 \(\) \$7.0 \(\) \$8.9 \(\) in. we . \$6.5 \(\) \$7.9 \(\) \$7.0 \(\) \$8.9 \(\) in. we . \$7.0 \(\) \$8.9 \(\) in. we . \$7.0 \(\) \$8.9 \(\) in. we . \$7.0 \(\) \$9.1 \(\) \$7.9 \(\) \$7.0 \(\) \$8.9 \(\) in. we . \$7.0 \(\) \$9.1 \(\) \$7.0 \(\) \$7.0 \(\) \$7.0 \(\) \$8.9 \(\) in. we . \$7.0 \(\) \$7.0 \(\) \$8.9 \(\) in. we . \$7.0 \(\) \$7.0 \(۵ď،	1-840-1	<2.0 & > 0 in. we	91.	9/:					
\$\rac{52.0 & \cdot 0^{1} \text{ in. we}}{52.0 & \cdot 0^{1} \text{ in. we}} \tag{5.0} \text{ 5.0} \text{ 5.0} \text{ 5.0} \text{ 5.0} \text{ in. we}}{57.8 5.7.8 \text{	ICI4	-840-2		.56	951					
\$2.0 & > 0^1 m, we \$78 \\ \$2.0 & > 0^1 in, we \$78 \\ \$2.0 & > 0^1 in, we \$73 \\ \$2.0 & > 0^1 in, we \$73 \\ \$2.0 & > 0^1 in, we \$73 \\ \$2.0 & > 0^1 in, we \$73 \\ \$2.0 & > 0^1 in, we \$73 \\ \$2.0 & > 0^1 in, we \$73 \\ \$2.0 & > 0^1 in, we \$73 \\ \$2.0 & > 0^1 in, we \$73 \\ \$2.0 & > 0^1 in, we \$73 \\ \$2.0 & > 0^1 in, we \$75 \\ \$2.0 & \$75 \\ \$2.0 & \$75 \\ \$2.0 & \$75 \\ \$2.0 & \$75 \\ \$2.0 & \$75 \\ \$2.0 & \$75 \\ \$2.0 & \$75 \\ \$2.0 & \$75 \\ \$2.0 & \$75 \\ \$2.0	ίΩd	-840-3	<2.0 & 0 in. wc	So	05"					
\$2.0 & > 0 \text{ in. we} \text{ \$734} \text{ \$7784} \text{ \$7784} \text{ \$7784} \text{ \$7784} \text{ \$7784} \text{ \$7784} \text{ \$7784} \text{ \$7784} \text{ \$7784} \text{ \$7784} \text{ \$2.0 & > 0 \text{ in. we} & 34 & 34 \text{ \$784} \text{ \$784} \text{ \$2.0 & > 0 \text{ in. we} & 34 & 34 \text{ \$784} \text{ \$784} \text{ \$784} \text{ \$784} \text{ \$784} \text{ \$784} \text{ \$2.0 & > 0 \text{ in. we} & 35 & 34 \text{ \$784} \text{ \$784} \text{ \$2.0 & > 0 \text{ in. we} & 55 & 33 \text{ \$2.0 & \$2.0 & \$0 \text{ in. we} & \$0 \text{ \$5\$ \$0 \text{ \$6\$ \$0^{1}\$ in. we} & \$0 \text{ \$5\$ \$0 \text{ \$6\$ \$0^{1}\$ in. we} & \$0 \text{ \$5\$ \$0 \text{ \$6\$ \$0^{1}\$ in. we} & \$0 \text{ \$5\$ \$0 \text{ \$6\$ \$0^{1}\$ in. we} & \$0 \text{ \$5\$ \$0 \text{ \$6\$ \$0^{1}\$ in. we} & \$0 \text{ \$5\$ \$0 \text{ \$6\$ \$0^{1}\$ in. we} & \$0 \text{ \$5\$ \$0 \text{ \$6\$ \$0^{1}\$ in. we} & \$0 \text{ \$5\$ \$0 \text{ \$6\$ \$0^{1}\$ in. we} & \$0 \$6\$ \$0\$ \$0\$ \$0\$ \$0\$ \$0\$ \$0\$ \$0\$ \$0\$ \$0\$	iga¦.	-841-1		78.K	5784					
\$2.0 & > 0 \text{ in. we} \tex	PDI.	841-2		57.BY	57.64					
\$2.0 & > 0 \text{ in. we} \tag{3.4} \tag{3.34} \tag{3.34} \tag{3.34} \tag{3.34} \tag{3.34} \tag{3.34} \tag{3.34} \tag{3.34} \tag{3.34} \tag{5.0 & > 0 \text{ in. we}} \tag{3.4} \tag{3.34} \tag{3.34} \tag{3.34} \tag{3.34} \tag{3.34} \tag{3.34} \tag{5.0 & > 0 \text{ in. we}} \tag{5.2.0 & > 0 \text{ in. we}} \tag{5.5}	PO	841+3		STRBY	V 8.7.2					
\$2.0 & > 0^1 in. wc	-Idd	831-1		, 34	48.			i i		
\$2.0 &> 0¹ in. wc .35\$		31-2		٥٢.						
\$2.0 & > 0 \text{ in. wc} \tag{3.3}\$ \$2.0 & > 0 \text{ in. wc} \tag{6.0}\$ \$2.0 & > 0 \text{ in. wc} \tag{5.5}\$ \$2.0 & > 0 \text{ in. wc} \tag{5.5}\$ \$2.0 & > 0 \text{ in. wc} \tag{5.7}\$	PDI-8	31-3		.35	18					
\$2.0 & > 0 \text{ in. we} \tag{6.0}{\text{c}}\$ \$<2.0 & > 0 \text{ in. we} \text{c} \	PDI-8	32-1		.33	.33	9				
\$2.0 & > 0 ! in. wc		32-2		. G C	09.					
\$2.0 & > 0' in. wc	8-ICI4	32-3		55	55.					
\$2.0 &> 0¹ in. wc \$\circ \xi\xi\xi\xi\xi\xi\xi\xi\xi\xi\xi\xi\xi\	HQd ₁	1-208		550	270		10			
\$2.0 & > 0! in. wc	PDI-8	107-2		350	330					
\$2.0 &> 0! in. wc	HQ4	807-3		550	240		Y			
<2.0 & > 0 ⁴ in. wc <2.0 & > 0 ⁴ in. wc . 4 \$	lO4,	-808-1		. 5T	10.					
≤2.0 & > 0¹ in. wc	Ωď	-809-2		5.0	. 50	2.5				
	-iai	809-3		.45	. 45					

TA55-STr-004, R17

Surveillance Rounds

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

			Date:	6-29-15	6.30-16					
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	Ź	20					
SRs	Description	Cauge	Acceptance Criteria			SURVE	SURVEILLANCE RESULTS (in. wc)	SULTS		
		1-628-Id-I	<2.0 & > 01 in. wc	. (3	//		100			
4.1.3.4	filter plenum (FF-828)	PDI-829-2	$\leq 2.0 \text{ & > 0}^{-1} \text{ in, wc}$.31	13/					
		FDI-829-3	<2 0 & 0 in we	.25	.24					
	100 area se ciprostation	1PDI-833-1	$\leq 2.0 \text{ &> } 0^{1} \text{ im wc}$	0.7	71.0	131	7.2			
	filter plenum	PDI-833-2	$\leq 2.0 \text{ & > 0}^{-1} \text{ in, wc}$	\$ \frac{1}{2}	145					
4.1.1.7	10 (COB- 1411)	PDI-833-3	$\leq 2.0 \& > 0^1 \text{ in, wc}$	SF	.45					
	100 area re-circulation	1-835-1	$\leq 2.0 \text{ & > 0}^{1} \text{ in. wc}$	91	2					
	filter plenum	PDI-835-2	$\leq 2.0 \& > 0^1 \text{ in. wc}$	94.	11/10					
	10 (100-1411)	PDI-835-3	$\leq 2.0 \text{ &> } 0^1 \text{ in. wc}$	42	124					
		1-518-ICId ₁	$\le 2.0 \text{ &} > 0^1 \text{ in. wc}$,21	13.	C	×			
4.1.3.4	100 area glovebox	PDI-815-2	$\leq 2.0 \& > 0^{1}$ in. wc	,56	.50					
	exhaust filter plenum (FF852) AP	PDI-815-4	$\leq 2.0 \text{ & } > 0^1 \text{ in. wc}$.म्.	14.					
		PDI-815-5	$\leq 2.0 \& > 0^4$ in. wc	5 k.	4%.					
		1-816-1	$\leq 2.0 \& > 0^1 \text{ in. wc}$	STEN	1925					
4,1,3,4	100 area glovebox	PDI-816-2	$\leq 2.0 \& > 0^{1}$ in. wc		STBY		Y			
	exhaust filter plenum (FF853) AP	PDI-816-4	$\le 2.0 \& > 0^3$ in. wc	ST6Y	STAY					
		PDI-816-5	$\le 2.0 \& > 0^4$ in, we	STBY	STOY					

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ATTACHMENT B-2: Daily Surveillance Rounds (PF-4 North Side) [UET] (Page 3 of 4)

)						
			Date:	6-29-15 6-30-15	6.30.15					
			Weekday:	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun,
			Initials:	Ž	al.					
SRs	Description	Gauge	Acceptance Criteria			SURVE	SURVEILLANCE RESULTS (in.wc)	SULTS		
	200 area glovebox	1-218-ICI	22.0 & > 01 in. wc	. 15	9/1	i				
4	exhaust filter plenum (FF850) AP	PDI-812-2	$<2.0 &>0^{1}$ in. wc	:35	.35					
4.1.3.4		PDI-812-3	$\leq 2.0 \ \& > 0^1 \ \text{in, wc}$.36	.32					
		PDI-812-4	≤2.0 & > 0 in. wc	36	300				8	
		PDI-812-5	$\leq 2.0 \text{ eV} > 0^{1} \text{ im. wc}$.3(.31					
	200 area glovebox	1-813-1Cld	$\leq 2.0 \text{ &> } 0^1 \text{ in. wc}$	Srby	57.84					
	exhaust filter plenum (FF851) AP	PDI-813-2	$\leq 2.0 \& > 0^{1}$ in. wc	1	5764					
4.6.1.4		PDI-813-3	$\leq 2.0 \& > 0^{1}$ in. wc		5784	C				
		PDI-813-4	\leq 2.0 & > 0 ¹ in, we		5737					
		\$-£18-1Gd	\leq 2.0 & > 0 ¹ in. wc		55.04					
	IFIT exhaust	'PDI-865-1	$\le 2.0 \& > 0^{4}$ in. wc	O (A	(3)					
4.1.3.4	(FF-865) AP	PDI-865-2	$\leq 2.0 \text{ & > 0}^{\circ} \text{ in. wc}$	15.	37	S				
		F-298-ICI4	$\leq 2.0 \text{ eV} > 0^4 \text{ in. wc}$, 39	.39					
	IFIT supply filter plenum	1-£98-IGd ₁	<2.0 & > 01 in. wc	80,	70.					
4.1.3.4	(1fVP-863) AP	Z-£98-ICI	<2.0 & >01 in. wc	.2.	28		5			

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

(Page 4 of 4)

									The Assessment of the	
			Date:	6.29-15	6/20/18/			\		
			Weekday:	Mon.	Tue. 1614	Wed.	Thu.	Fri.	Sat.	Sun.
			Initials:	27	da					
SRs	Description	Gauge	Acceptance Criteria			SURV	SURVEILLANCE RESULTS	ESULTS		
7117	North Basement supply filter plenum	1-728-1U ⁴	$\leq 2.0 \text{ & > 0}^{1} \text{ in. wc}$	108	80.					
*:C:	(HVP-840) AP	PDI-857-2	$\leq 2.0 \text{ & } > 0^{-1} \text{ in. wc}$	bh '	&h:					
4.1.3.4	North corridor supply filter plenum	1-958-IOd,	$\leq 2.0 \text{ ds} > 0^{1} \text{ in wc}$	h!	hľ					
	(HIVP-809) AP	PDI-856-2	\leq 2.0 & > 0 1 ig. wc	25	25					
'NA	Combustible exclusion area around basement exhaust fans FE828, FE829 and bleed-off fans FE820A, FE820B, FE822B, FE822C		0 lb/ft² combustibles in designated exclusion area (within 15 feet of fans)) ta	Sat					
4322	Rooms 201, 204, 206, & 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	NS.	0					
			Completion time	1528/0	8280					
	OC Operator Rev	view and Page Co	OC Operator Review and Page Count Complete (initials)	- But	18					
Non TSR Note: SR 4.	Non TSR requirement Note: SR 4.1.3.4 applies during mode 1 and mode 2.	I and mode 2.		1		1				
Completed	Completed by: Scrow L Date 6/14/51'ine OBD Reviewed by:	6/34/5Time	OSA Reviewed by	M	1	ate: 7/1/5	Date: 7/1/5 Time: O 6	00		
Comments:			1	np-uo	n-dues Supervisor					

ATTACHMENT D-1: Monthly Surveillance Rounds (Confinement Doors) [UET]

(Page 1 of 2)

	Equipment	Location	Acceptance criteria	Sat or Unsat.	Completion Time:	Date:	Initiais
	Confinement DR-344	Southeast	Verify that the Astragals and Jamb-Seal features are in-place and cover the gaps present I. Between the door leaves and 2, Between the frame and the door edge when the doors are in the closed position	(S) / Unsat.	1442 6/3/15	6/3/15	孟
ರ	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).	(SgD) Unsat.	1440 6/3/15	6/3/15	Ta Ta
_ ŭ	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.	13:19 6/3/15 124	6 3 15	植
J	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	SaD/ Unsat.	1400 6/3/15 RH	6/3/15	古
ರ	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).	Sa) / Unsat. 13:59	1	4/3/15 PU	Z
I			AND VERIFY and RECORD the time (using calibrated stop watch) that the door(s) go to the fully closed position via the automatic door closure is < 30 seconds.	Sal / Unsal.	TRE 51/6/7 15:E1	21/8/2	ħ

*Note: Monthly Inspection of DR-344 and DR-102 in accordance with compensatory measure(s) from: Request for Permanent Equivalency to OS Order 420 1B Chapter II, NFPA 80, NFPA 101 and 1BC Requirements for LANL Building TA55-4 (PF-4); Installation of New Confinement Doors DR-102, DR-302, and DR-344 LANL-DOE-ORDER-420 (B-EO-2013-001

ATTACHMENT D-1: Monthly Surveillance Rounds (Confinement Doors) [UET]

(Page 2 of 2)

Equipment Location	Location		Acceptance criteria	Sat or Unsat.	Completion Time:	Date:	Initials
Exer	Exe	Exer via 1	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure.	Sat			
Door		For el	For each confinement door, VERIFY that one leaf of the door(s) is secured shut (NW, NE, SW, SE, south basement door).		14.31 61315 14.	2 2 2	志
		AND watch antom	AND VERIFY and RECORD the time (using calibrated stop watch) that the door(s) go to the fully closed position via the antomatic door closure is \(\leq \text{30 seconds.} \)	Christia.	14:30 6/3/15 2H	4/3/15	t
Confinement Door DR-4 Personnel door PR-4 DR-4		Exercis via the	Exercise fully open and Verify that the door goes to the fully closed position via the automatic door closure	Sat. Orisat.	13:38 43/15	6/3/15	太
Confinement Door South Basement via the DR-90 Door (Tunnel) door).		Exercivia the one leterated door),	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).	Sai. Omsai.	14:10	6/3/15	麦
			OC Operato	or Review an	OC Operator Review and Page Count Complete	Complete	Clea

Note: SR 4. Ka.2 applies Julying mode 1 and 2.
Completed by:

On-duty Supervisor Comments:

Date (315 Time 1445 Reviewed by:

Date: 6/3 15 Time: 1453

ATTACHMENT D-2: Monthly Surveillance Rounds (CAS) (Operations Center) [UET]

			(Page 1	of 1)	
SR	Desc	cription	Acceptance Criteria	Sat. / Unsat.	Initials
	Channel #	Location			
4.2.1.1	1	Rm. 201	> 1 mR/hr	Sat. / Unsat.	W.
	2	Rm. 106	> 1 mR/hr	Sat / Unsat.	u
	3	Rm. 305	> 1 mR/hr	🙉 / Unsat	u
	4	Rm. 401	> 1 mR/hr	Sat / Unsat	u
	5	Rm. 206	> I mR/hr	Sat. / Unsat.	u
	6	Rm. 114	> 1 mR/hr	Sat / Unsat.	u
	7	Rm. 319 W	> 1 mR/hr	Sat. Unsat.	u
	8	Rm. 409	> 1 mR/hr	(Sat.)/ Unsat.	и
	9	Rm. 208	> 1 mR/hr	Sat / Unsat	n
	10	Rm. 124	> 1 mR/hr	Sat / Unsat	u
	ll	Rm. 319 E	> 1 mR/hr	Sat / Unsat	u
	12	Rm. 420	> 1 mR/hr	Sat / Unsat.	и
	13	Rm. 209	> 1 mR/hr	(Sat / Unsat.	u
	14	Rm. 126	> 1 mR/hr	Sat / Unsat.	u
	₍₎ 15	Rm. 327	> 1 mR/hr	(Sat) / Unsat.	u
	16	Rm. 429	> 1 mR/hr	Sat / Unsat.	4
	17	Vault 17	> I mR/hr	Sat / Unsat	u
	18	Vault 18	> L mR/hr	Sat / Unsat.	u
	19	Vault 19	> 1 mR/hr	Sat / Unsat	n
	20	Vault 20	> 1 mR/hr	Say / Unsat.	и.

Note: These readings SHALL be taken on the rate meters in rack RK-801-3 in the OC.

Date of 7.5 Time DAS	
Reviewed by: On-duty Supervisor Date 6/1/2 Time 0633	
Comments:	

ATTACHMENT A807.A.

External Combustion

Natural Gas Usage and Rolling 12-Month Total

External Combustion | Boilers - Fuel Use

LANL Air Quality Permit P100-R1-M3

			2015 Sm	2015 Small Boilers Data Entry / Gas Use	ata Entry	// Gas Us	e	
			Metered Boilers	ilers	Total Gas	Total Gae Heo for all		dacM Ch
		TA-55 Boil	TA-55 Boiler Gas Use (Mscf) ^(b)	CMRR-RLUOB Gas Use (Mscf)	Small E	Small Boilers ^(a)	Gas Use	Rolling Total for all Small
	Month	(B-602) (B-603) (B-0017) (B-0017)	(B-603) ID (B-0017)	All 3 Boilers NMED IDs 90, 104, and 105	(Mscf)	(MMscf)	(MMscf)	(MMscf) ^(c)
L	January	2477	1145	557	77,136	77.14	72.96	451.08
	February	1642	209	263	55,409	55.41	53.30	455.84
	March	1	2132	292	44,015	44.01	41.59	445.96
	April	1	1613	219	36,077	36.08	34.24	440.33
N)	May	24	1496	195	25,217	25.22	23.50	437.26
uΞ	June	1	1483	136	9,307	9.31	69.7	435.19
13	July							
BC	August							
1	September						X	
	October							
	November	30 1-21-35					THE PARTY AND	
	December	8 7 7			0-1		W	
	TOTAL	4146	8078	1662	247,161	247.16	233.27	
						12 Month	12 Month I imit (MMscf) =	870

External Combustion | Boilers - Fuel Use

REFERENCES for SMALL BOILERS

(a) Information on non-metered boilers is provided in the facility wide gas use report by Utilities and Infrastructure and contains all gas use at LANL minus those non LANL sources which feed from the LANL main line and LANL sources that are individiually metered. Total Gas use does not include the TA-3 Power Plant. All other sources are included in this total.

(b) TA-55 has two boilers with separate AIRs numbers. Each boiler has a gas meter. The gas use information is provided monthly by the Utility and Infrastruction personnel and is included in the facility wide gas report.

(c) The 12-month rolling average includes all gas use from all boilers listed in this spreadsheet. Boilers not included in this report due to their large size or design are powerplant boilers at TA-3. A gas use limit of 870 MMscflyr, 12-month rolling average is a permit limit in Section 2.4 of the LANL operating permit.

ATTACHMENT A807.F.

External Combustion

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

Permit P100-R2 | LANL Monitoring Period January-February 2015

Attachment A807.F. – External Combustion Operational Inspection

Annual preventive maintenance was not conducted during this monitoring period.

ATTACHMENT A907.A.

Chemical Usage

Chemical Purchases

(From ChemLog)

Barcode	CAS#	Chemical Name	Container	Unit of	Date
	3.13		Size	Measure	2 4 6 6
0001337038	96-47-9	2-METHYLTETRAHYDROFURAN	1	I	03/02/2015
0001337027	6074-84-6	Tantalum (V) Ethoxide	50	gm	03/02/2015
0001337026	67-64-1	ACETONE	500	ml	03/02/2015
0001310304		EP GREASE		OZ	03/02/2015
0001317421		SILVER PRINT	20	gm	03/02/2015
0001310305		EP GREASE		oz	03/02/2015
0001310306		EP GREASE	1	oz	03/02/2015
0001310307		EP GREASE		oz	03/02/2015
0001310308		EP GREASE		oz	03/02/2015
0001337019	67-64-1	ACETONE	500		03/02/2015
0001337036	1013-88-3	BENZOPHENONE IMINE		gm	03/02/2015
0001337030	6074-84-6	Tantalum (V) Ethoxide		gm	03/02/2015
0001337039	7704-34-9	SULFUR	2.5	kg	03/02/2015
0001337040	28210-41-5	POLY(PARA-STYRENESULFONIC ACID)	100	gm	03/02/2015
0001337024	67-64-1	ACETONE	500	ml	03/02/2015
0001337023	67-64-1	ACETONE	500	ml	03/02/2015
0001337022	67-64-1	ACETONE	500	ml	03/02/2015
0001337021	67-64-1	ACETONE	500	ml	03/02/2015
0001336724	64-19-7	ACETIC ACID	2.5	I	03/02/2015
0001337000	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	03/02/2015
0001310301		EP GREASE	14	oz	03/02/2015
0001310309		EP GREASE		oz	03/02/2015
0001330362		KILZ ORIGINAL AEROSOL	13	oz	03/02/2015
0001310300		EP GREASE	14	oz	03/02/2015
0001310299		EP GREASE	14	oz	03/02/2015
0001310298		EP GREASE	14	oz	03/02/2015
0001310297		EP GREASE		oz	03/02/2015
0001310296		EP GREASE	14	oz	03/02/2015
0001310295		EP GREASE	14	OZ	03/02/2015
0001310294		EP GREASE	14	oz	03/02/2015
0001330366		KILZ ORIGINAL AEROSOL	13	OZ	03/02/2015
0001330365		KILZ ORIGINAL AEROSOL	13	OZ	03/02/2015
0001337028	6074-84-6	Tantalum (V) Ethoxide	50	gm	03/02/2015
0001330363		KILZ ORIGINAL AEROSOL		OZ	03/02/2015
0001337029	6074-84-6	Tantalum (V) Ethoxide		gm	03/02/2015
0001310302		EP GREASE		OZ	03/02/2015
0001310303		EP GREASE	14	OZ	03/02/2015
0001337037	10035-10-6	HYDROBROMIC ACID 48%	1	ı	03/02/2015
0001337035	50-01-1	GUANIDINE HYDROCHLORIDE	100	gm	03/02/2015
0001337034	58-85-5	D-BIOTIN	1	gm	03/02/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001337033	109-06-8	2-PICOLINE		ml	03/02/2015
0001337033	6074-84-6	Tantalum (V) Ethoxide	-	gm	03/02/2015
0001337032	6074-84-6	Tantalum (V) Ethoxide		gm	03/02/2015
0001337031	67-64-1	ACETONE	500		03/02/2015
0001337016	0, 0, 1	KILZ ORIGINAL AEROSOL		OZ	03/02/2015
0001337052	10294-70-9	TIN(II) IODIDE		gm	03/02/2015
0001337032	67-68-5	DIMETHYL SULFOXIDE	100		03/02/2015
0001337003	7778-53-2	POTASSIUM PHOSPHATE TRIBASIC		gm	03/02/2015
0001337070		Glucose Assay Reagent	50	ml	03/02/2015
0001337069		Glucose Assay Reagent		ml	03/02/2015
0001337068		Glucose Assay Reagent		ml	03/02/2015
0001336725	67-56-1	METHANOL OPTIMA	4		03/02/2015
0001336726	77-86-1	TRIS BASE	1	kg	03/02/2015
0001337049	7772-99-8	TIN(II) CHLORIDE	5	gm	03/02/2015
0001337020	67-64-1	ACETONE	500		03/02/2015
0001337051	10294-70-9	TIN(II) IODIDE	1	gm	03/02/2015
0001330360		KILZ ORIGINAL AEROSOL		OZ	03/02/2015
0001337053	10294-70-9	TIN(II) IODIDE	1	gm	03/02/2015
0001317420		SILVER PRINT		gm	03/02/2015
0001330361		KILZ ORIGINAL AEROSOL	13	OZ	03/02/2015
0001337063		Glucose Assay Reagent	50	ml	03/02/2015
0001337064		Glucose Assay Reagent	50	ml	03/02/2015
0001337065		Glucose Assay Reagent	50	ml	03/02/2015
0001337066		Glucose Assay Reagent	50	ml	03/02/2015
0001337067		Glucose Assay Reagent	50	ml	03/02/2015
0001337076		Polyethylenimine hydrochloride	1	gm	03/02/2015
0001337050	10294-70-9	TIN(II) IODIDE	1	gm	03/02/2015
0001337012		DPD INDICATOR SOLUTION FOR ULTRA LOW RANGE CHLORINE	24	gm	03/02/2015
0001337017	67-64-1	ACETONE	500	ml	03/02/2015
0001336942	7757-83-7	SODIUM SULFITE, ANHYDROUS	1000	gm	03/02/2015
0001337044	103-90-2	ACETAMINOPHEN	1	gm	03/02/2015
0001337045	2622-14-2	TRICYCLOHEXYLPHOSPHINE		gm	03/02/2015
0001337046	119-61-9	BENZOPHENONE		gm	03/02/2015
0001337047	653-37-2	PENTAFLUOROBENZALDEHYDE		gm	03/02/2015
0001337048	10031-24-0	Tin(II) bromide	10	gm	03/02/2015
0001337016	67-64-1	ACETONE	500		03/02/2015
0001337015	67-64-1	ACETONE	500		03/02/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001337074	100-10-7	4-(DIMETHYLAMINO)BENZALDEHYDE (EHRLICH'S REAGENT)	25	gm	03/02/2015
0001337013		DPD INDICATOR SOLUTION FOR ULTRA LOW RANGE CHLORINE	24	gm	03/02/2015
0001337073	104-87-0	P-TOLUALDEHYDE	5	gm	03/02/2015
0001337011		DPD INDICATOR SOLUTION FOR ULTRA LOW RANGE CHLORINE		gm	03/02/2015
0001337071	13598-65-7	AMMONIUM PERRHENATE	5	gm	03/02/2015
0001337072	123-11-5	P-ANISALDEHYDE		gm	03/02/2015
0001330355		KILZ ORIGINAL AEROSOL		OZ	03/02/2015
0001330356		KILZ ORIGINAL AEROSOL	13	OZ	03/02/2015
0001330357		KILZ ORIGINAL AEROSOL	13	OZ	03/02/2015
0001330358		KILZ ORIGINAL AEROSOL	13	OZ	03/02/2015
0001330359		KILZ ORIGINAL AEROSOL	13	OZ	03/02/2015
0001337025	67-64-1	ACETONE	500	ml	03/02/2015
0001337014		DPD INDICATOR SOLUTION FOR ULTRA LOW RANGE CHLORINE	24	gm	03/02/2015
0001337005		DPD INDICATOR SOLUTION FOR ULTRA LOW RANGE CHLORINE	24	gm	03/02/2015
0001336992		Nexguard 22350	55	gal	03/02/2015
0001336995		Nexguard 22350		gal	03/02/2015
0001337056		Glucose Assay Reagent		ml	03/02/2015
0001337057		Glucose Assay Reagent	50	ml	03/02/2015
0001337010		DPD INDICATOR SOLUTION FOR ULTRA LOW RANGE CHLORINE	24	gm	03/02/2015
0001337009		DPD INDICATOR SOLUTION FOR ULTRA LOW RANGE CHLORINE	24	gm	03/02/2015
0001337008		DPD INDICATOR SOLUTION FOR ULTRA LOW RANGE CHLORINE	24	gm	03/02/2015
0001337007		DPD INDICATOR SOLUTION FOR ULTRA LOW RANGE CHLORINE	24	gm	03/02/2015
0001148942		Food Color	1	OZ	03/02/2015
0001116912	1	Nexguard 22350		gal	03/02/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001337006		DPD INDICATOR SOLUTION FOR ULTRA LOW RANGE CHLORINE	24	gm	03/02/2015
0001336991		Nexguard 22350	55	gal	03/02/2015
0001336723	7664-93-9	SULFURIC ACID	500	ml	03/02/2015
0001337004	67-68-5	DIMETHYL SULFOXIDE	100	ml	03/02/2015
0001336999	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	03/02/2015
0001337042	18497-13-7	CHLOROPLATINIC ACID, HEXAHYDRATE	1	gm	03/02/2015
0001337002	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	03/02/2015
0001337001	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	03/02/2015
0001336722	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	03/02/2015
0001337041	10034-85-2	HYDRIODIC ACID	250	ml	03/02/2015
0001336993		Nexguard 22350	55	gal	03/02/2015
0001336994		Nexguard 22350	55	gal	03/02/2015
0001336721	7697-37-2	NITRIC ACID	2.5	1	03/02/2015
0001337054	9005-65-6	POLYOXYETHYLENE (20) SORBITAN MONOOLEATE (TWEEN 80)	100	gm	03/02/2015
0001336998	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	03/02/2015
0001330368		EASYSAND 20	18	lb	03/02/2015
0001336988		Nexguard 22350	55	gal	03/02/2015
0001337055		Glucose Assay Reagent		ml	03/02/2015
0001330367		EASYSAND 20	18	lb	03/02/2015
0001336997	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	03/02/2015
0001337043	10025-83-9	IRIDIUM (III) CHLORIDE	1	gm	03/02/2015
0001336989		Nexguard 22350	55	gal	03/02/2015
0001337062		Glucose Assay Reagent	50	ml	03/02/2015
0001337061		Glucose Assay Reagent	50	ml	03/02/2015
0001337060		Glucose Assay Reagent	50	ml	03/02/2015
0001337059		Glucose Assay Reagent	50	ml	03/02/2015
0001337058		Glucose Assay Reagent	50	ml	03/02/2015
0001310457		MOTOR OIL	1	gal	03/03/2015
0001310459		MOTOR OIL	1	gal	03/03/2015
0001310458		MOTOR OIL	1	gal	03/03/2015
0001310395		MOTOR OIL	1	qt	03/03/2015
0001310394		MOTOR OIL	1	qt	03/03/2015
0001310393		MOTOR OIL	1	qt	03/03/2015
0001360435		10% METHANE/90% ARGON	220	cf	03/03/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001310385		MOTOR OIL	1	qt	03/03/2015
0001310390		MOTOR OIL	1	qt	03/03/2015
0001310456		MOTOR OIL	1	gal	03/03/2015
0001310391		MOTOR OIL	1	qt	03/03/2015
0001310388		MOTOR OIL	1	qt	03/03/2015
0001310430		MOTOR OIL	1	qt	03/03/2015
0001310389		MOTOR OIL	1	qt	03/03/2015
0001310455		MOTOR OIL	_	gal	03/03/2015
0001310431		MOTOR OIL	1	qt	03/03/2015
0001310433		MOTOR OIL		qt	03/03/2015
0001310432		MOTOR OIL		qt	03/03/2015
0001310386		MOTOR OIL		qt	03/03/2015
0001310387		MOTOR OIL		qt	03/03/2015
0001310392		MOTOR OIL	1	qt	03/03/2015
0001337111		PRECISION CLEANING AGENT	12	oz	03/03/2015
0001310447		MOTOR OIL	1	gal	03/03/2015
0001310446		MOTOR OIL	1	gal	03/03/2015
0001310445		MOTOR OIL	1	gal	03/03/2015
0001310444		MOTOR OIL	1	gal	03/03/2015
0001310443		MOTOR OIL	1	gal	03/03/2015
0001310442		MOTOR OIL	1	gal	03/03/2015
0001360437		5% HYDROGEN/BAL. NITROGEN	220	cf	03/03/2015
0001337112		PRECISION CLEANING AGENT	12	oz	03/03/2015
0001337113		TISAB II WITH CDTA	3.8	I	03/03/2015
0001337110		PRECISION CLEANING AGENT	12	oz	03/03/2015
0001310440		MOTOR OIL	1	gal	03/03/2015
0001310439		MOTOR OIL		gal	03/03/2015
0001310438		MOTOR OIL		gal	03/03/2015
0001310437		MOTOR OIL		gal	03/03/2015
0001310436		MOTOR OIL	1	gal	03/03/2015
0001310328		QD ELECTRONIC CLEANER	11	OZ	03/03/2015
0001310441		MOTOR OIL	1	gal	03/03/2015
0001360433		10% METHANE/90% ARGON	220	cf	03/03/2015
0001310383		MOTOR OIL	1	qt	03/03/2015
0001310454		MOTOR OIL	1	gal	03/03/2015
0001310453		MOTOR OIL	1	gal	03/03/2015
0001310329		MULTI-PURPOSE GREASE	14.1	OZ	03/03/2015
0001360436		10% METHANE/90% ARGON	220	cf	03/03/2015
0001310316		193 GLOSS BLACK CHASSIS & GRILLE GUARD PAINT	12	OZ	03/03/2015
0001360434		10% METHANE/90% ARGON	220	cf	03/03/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001310448		MOTOR OIL	1	gal	03/03/2015
0001360502	74-86-2	ACETYLENE	10		03/03/2015
0001360428		10% METHANE/90% ARGON	220		03/03/2015
0001360432		10% METHANE/90% ARGON	220		03/03/2015
0001360431		10% METHANE/90% ARGON	220		03/03/2015
0001360430		10% METHANE/90% ARGON	220		03/03/2015
0001360429		10% METHANE/90% ARGON	220		03/03/2015
0001310429		MOTOR OIL	1	qt	03/03/2015
0001337116	7681-49-4	FLUORIDE STANDARD (100 PPM F)	1	pt	03/03/2015
0001310384		MOTOR OIL	1	qt	03/03/2015
0001360501	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	03/03/2015
0001337119	7681-49-4	FLUORIDE STANDARD SOLUTION	475	ml	03/03/2015
0001360409		94% ARGON/6% HYDROGEN	220	cf	03/03/2015
0001337122	3473-63-0	FORMAMIDINE ACETATE (FORMAMIDINE ACETIC ACID SALT)	1	kg	03/03/2015
0001337121	67-64-1	ACETONE	4	I	03/03/2015
0001337115		2 Part Epoxy	0.5	pt	03/03/2015
0001360454	7440-37-1	ARGON	220	cf	03/03/2015
0001360455	7440-37-1	ARGON	220	cf	03/03/2015
0001360420	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/03/2015
0001337120		optimum results reference electrodes filling solution series	300	ml	03/03/2015
0001360421	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/03/2015
0001337118	7681-49-4	FLUORIDE STANDARD SOLUTION	475	ml	03/03/2015
0001337117	7681-49-4	FLUORIDE STANDARD SOLUTION	475	ml	03/03/2015
0001310350		MOTOR OIL	1	qt	03/03/2015
0001310349		MOTOR OIL		qt	03/03/2015
0001310348		MOTOR OIL		qt	03/03/2015
0001337077	Multi	Bacstain-CTC Rapid Staining Kit		mg	03/03/2015
0001310318		193 GLOSS BLACK CHASSIS & GRILLE GUARD PAINT	12	OZ	03/03/2015
0001337114	110-00-9	FURAN	100	ml	03/03/2015
0001360438		5% HYDROGEN/BAL. NITROGEN	220	cf	03/03/2015
0001310351		MOTOR OIL	1	qt	03/03/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001310344		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	03/03/2015
0001310345		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	03/03/2015
0001310346		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	03/03/2015
0001310347		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	03/03/2015
0001360453	7440-37-1	ARGON	220	cf	03/03/2015
0001360419	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/03/2015
0001360439		5% HYDROGEN/BAL. NITROGEN	220	cf	03/03/2015
0001360410		94% ARGON/6% HYDROGEN	220	cf	03/03/2015
0001360408		94% ARGON/6% HYDROGEN	220	cf	03/03/2015
0001360427	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/03/2015
0001360426	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/03/2015
0001360425	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/03/2015
0001360424	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/03/2015
0001360423	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/03/2015
0001360422	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/03/2015
0001360440		5% HYDROGEN/BAL. NITROGEN	220	cf	03/03/2015
0001310317		193 GLOSS BLACK CHASSIS & GRILLE GUARD PAINT	12	OZ	03/03/2015
0001337078	28718-90-3	Bacstain-DAPI Solution	100	ul	03/03/2015
0001310398		MOTOR OIL	1	qt	03/03/2015
0001310397		MOTOR OIL	1	qt	03/03/2015
0001310396		MOTOR OIL	1	qt	03/03/2015
0001331684		AP-D POWDER	1	kg	03/03/2015
0001310331		MULTI-PURPOSE GREASE	14.1	OZ	03/03/2015
0001310450		MOTOR OIL	1	gal	03/03/2015
0001310401		MOTOR OIL	1	qt	03/03/2015
0001310451		MOTOR OIL	1	gal	03/03/2015
0001360418	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/03/2015
0001310319		193 GLOSS BLACK CHASSIS & GRILLE GUARD PAINT	12	OZ	03/03/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001310320		193 GLOSS BLACK CHASSIS & GRILLE GUARD PAINT	12	OZ	03/03/2015
0001310463		MOTOR OIL	1	gal	03/03/2015
0001310462		MOTOR OIL	1	gal	03/03/2015
0001310461		MOTOR OIL	1	gal	03/03/2015
0001310460		MOTOR OIL		gal	03/03/2015
0001310464		MOTOR OIL	1	gal	03/03/2015
0001310494		WINDSHIELD WASHER FLUID	1	gal	03/03/2015
0001310486		WINDSHIELD WASHER FLUID	1	gal	03/03/2015
0001310487		WINDSHIELD WASHER FLUID	1	gal	03/03/2015
0001310488		WINDSHIELD WASHER FLUID	1	gal	03/03/2015
0001310489		WINDSHIELD WASHER FLUID	1	gal	03/03/2015
0001310490		WINDSHIELD WASHER FLUID	1	gal	03/03/2015
0001310491		WINDSHIELD WASHER FLUID	1	gal	03/03/2015
0001310400		MOTOR OIL	1	qt	03/03/2015
0001310493		WINDSHIELD WASHER FLUID	1	gal	03/03/2015
0001310330		MULTI-PURPOSE GREASE	14.1	OZ	03/03/2015
0001310495		WINDSHIELD WASHER FLUID	1	gal	03/03/2015
0001310496		WINDSHIELD WASHER FLUID	1	gal	03/03/2015
0001310343		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	03/03/2015
0001310466		MOTOR OIL	1	gal	03/03/2015
0001360458	7440-37-1	ARGON	220	cf	03/03/2015
0001360457	7440-37-1	ARGON	220	cf	03/03/2015
0001310452		MOTOR OIL	1	gal	03/03/2015
0001310492		WINDSHIELD WASHER FLUID	1	gal	03/03/2015
0001360446	74-98-6	PROPANE	50	lb	03/03/2015
0001360495	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	03/03/2015
0001360496	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	03/03/2015
0001360497	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	03/03/2015
0001360442	7440-59-7	HELIUM, ULTRA HIGH PURITY	50	lb	03/03/2015
0001360443	7440-59-7	HELIUM, ULTRA HIGH PURITY	50	lb	03/03/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001360444	7440-59-7	HELIUM, ULTRA HIGH PURITY	50	lb	03/03/2015
0001330378		fast setting cement	50	lb	03/03/2015
0001310427		MOTOR OIL	1	qt	03/03/2015
0001360445	7440-59-7	HELIUM, ULTRA HIGH PURITY	50	lb	03/03/2015
0001360398		94% ARGON/6% HYDROGEN	220	cf	03/03/2015
0001360447	74-98-6	PROPANE	50	lb	03/03/2015
0001360448	74-98-6	PROPANE	50	lb	03/03/2015
0001360449	74-98-6	PROPANE	50	lb	03/03/2015
0001360450	74-98-6	PROPANE	50	lb	03/03/2015
0001360451	74-86-2	ACETYLENE	130	lb	03/03/2015
0001360452	74-86-2	ACETYLENE	130	lb	03/03/2015
0001327824		910 ADHESIVE	3	OZ	03/03/2015
0001330377		fast setting cement	50	lb	03/03/2015
0001310341		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	03/03/2015
0001360414	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/03/2015
0001327826		910 ADHESIVE	3	OZ	03/03/2015
0001327827		910 ADHESIVE	3	OZ	03/03/2015
0001327828		910 ADHESIVE	3	OZ	03/03/2015
0001327829		910 ADHESIVE	3	OZ	03/03/2015
0001327830		910 ADHESIVE	3	OZ	03/03/2015
0001310338		ATF DEX/MERC AUTOMATIC	1	a+	03/03/2015
0001310338		TRANSMISSION FLUID	1	qt	03/03/2013
0001360400		94% ARGON/6% HYDROGEN	220	cf	03/03/2015
0001310340		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	03/03/2015
0001360399		94% ARGON/6% HYDROGEN	220	cf	03/03/2015
0001310342		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID		qt	03/03/2015
0001360492	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	03/03/2015
0001360493	7440-37-1	ARGON ULTRA HIGH PURITY	220		03/03/2015
0001360494	7440-37-1	ARGON ULTRA HIGH PURITY	220		03/03/2015
0001310375		MOTOR OIL		qt	03/03/2015
0001310374		MOTOR OIL		qt	03/03/2015
0001310373		MOTOR OIL		qt	03/03/2015
0001310428		MOTOR OIL		qt	03/03/2015
0001310339		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID		qt	03/03/2015
0001360464	7440-37-1	ARGON	220	cf	03/03/2015
0001360468	7440-37-1	ARGON	220	ļ	03/03/2015
0001360467	7440-37-1	ARGON	220	4	03/03/2015
0001360466	7440-37-1	ARGON	220		03/03/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001360465	7440-37-1	ARGON	220	cf	03/03/2015
0001360499	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	03/03/2015
0001360498	7440-37-1	ARGON ULTRA HIGH PURITY	220		03/03/2015
0001360407		94% ARGON/6% HYDROGEN	220	cf	03/03/2015
0001310426		MOTOR OIL	1	qt	03/03/2015
0001360405		94% ARGON/6% HYDROGEN	220	cf	03/03/2015
0001360471	7440-59-7	HELIUM, ULTRA HIGH PURITY	220	cf	03/03/2015
0001310408		MOTOR OIL	1	qt	03/03/2015
0001310409		MOTOR OIL	1	qt	03/03/2015
0001310410		MOTOR OIL	1	qt	03/03/2015
0001310411		MOTOR OIL	1	qt	03/03/2015
0001310412		MOTOR OIL	1	•	03/03/2015
0001310413		MOTOR OIL	1	qt	03/03/2015
0001310414		MOTOR OIL		qt	03/03/2015
0001360406		94% ARGON/6% HYDROGEN	220	cf	03/03/2015
0001310417		MOTOR OIL		qt	03/03/2015
0001360401		94% ARGON/6% HYDROGEN	220	cf	03/03/2015
0001360402		94% ARGON/6% HYDROGEN	220	cf	03/03/2015
0001337124	109-89-7	DIETHYLAMINE	500	ml	03/03/2015
0001360403		94% ARGON/6% HYDROGEN	220		03/03/2015
0001360404		94% ARGON/6% HYDROGEN	220	cf	03/03/2015
0001310420		MOTOR OIL	1	qt	03/03/2015
0001310419		MOTOR OIL		qt	03/03/2015
0001360469	7727-37-9	NITROGEN	220	cf	03/03/2015
0001310418		MOTOR OIL		qt	03/03/2015
0001360470	124-38-9	CARBON DIOXIDE	300	cf	03/03/2015
0001310416		MOTOR OIL	1	qt	03/03/2015
0001310465		MOTOR OIL		gal	03/03/2015
0001360456	7440-37-1	ARGON	220		03/03/2015
0001360475	7440-59-7	HELIUM	40		03/03/2015
0001360474	811-97-2	AIR	220		03/03/2015
0001360473	124-38-9	CARBON DIOXIDE	220		03/03/2015
0001360472	124-38-9	CARBON DIOXIDE	220		03/03/2015
0001327823		910 ADHESIVE		oz	03/03/2015
0001330369		fast setting cement	50		03/03/2015
0001360486	7440-37-1	ARGON ULTRA HIGH PURITY	220		03/03/2015
0001310382		MOTOR OIL		qt	03/03/2015
0001310381		MOTOR OIL		qt	03/03/2015
0001310380		MOTOR OIL		qt	03/03/2015
0001310379		MOTOR OIL		qt	03/03/2015
0001310378		MOTOR OIL	1	qt	03/03/2015
0001337108		PRECISION CLEANING AGENT	12	OZ	03/03/2015
0001310377		MOTOR OIL	1	qt	03/03/2015

Damas da	CAC #	Chamical Name	Container	Unit of	Data
Barcode	CAS#	Chemical Name	Size	Measure	Date
0001360478	7782-44-7	OXYGEN	20		03/03/2015
0001360487	7440-37-1	ARGON ULTRA HIGH PURITY	220	4	03/03/2015
0001360490	7440-37-1	ARGON ULTRA HIGH PURITY	220		03/03/2015
0001360485	7440-37-1	ARGON ULTRA HIGH PURITY	220		03/03/2015
0001360484	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	03/03/2015
0001360483	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	03/03/2015
0001360482	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	03/03/2015
0001360481	7727-37-9	NITROGEN	40	cf	03/03/2015
0001360480	7440-37-1	ARGON ULTRA HIGH PURITY	40	cf	03/03/2015
0001327825		910 ADHESIVE	3	oz	03/03/2015
0001360488	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	03/03/2015
0001310406		MOTOR OIL	1	qt	03/03/2015
0001360416	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/03/2015
0001360415	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/03/2015
0001310376		MOTOR OIL	1	qt	03/03/2015
0001360413	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/03/2015
0001310415		MOTOR OIL	1	qt	03/03/2015
0001310402		MOTOR OIL	1	qt	03/03/2015
0001310403		MOTOR OIL	1	qt	03/03/2015
0001337109		PRECISION CLEANING AGENT	12	oz	03/03/2015
0001310405		MOTOR OIL	1	qt	03/03/2015
0001360489	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	03/03/2015
0001310407		MOTOR OIL	1	qt	03/03/2015
0001310364		MOTOR OIL	1	qt	03/03/2015
0001310365		MOTOR OIL		qt	03/03/2015
0001310366		MOTOR OIL	1	qt	03/03/2015
0001360412	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/03/2015
0001360411		94% ARGON/6% HYDROGEN	220	cf	03/03/2015
0001360491	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	03/03/2015
0001360477	7782-44-7	OXYGEN	20	cf	03/03/2015
0001310404		MOTOR OIL		qt	03/03/2015
0001360519	7782-44-7	OXYGEN		cf	03/03/2015
0001310370		MOTOR OIL		qt	03/03/2015
0001310371		MOTOR OIL		qt	03/03/2015
0001310372		MOTOR OIL		qt	03/03/2015
		ATF DEX/MERC AUTOMATIC			
0001310332		TRANSMISSION FLUID	1	qt	03/03/2015
000424022		ATF DEX/MERC AUTOMATIC			02/02/22:-
0001310333		TRANSMISSION FLUID		qt	03/03/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001310334		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	03/03/2015
0001310335		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	03/03/2015
0001360479	7440-37-1	ARGON	20	cf	03/03/2015
0001310337		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	03/03/2015
0001310367		MOTOR OIL	1	qt	03/03/2015
0001360520	7782-44-7	OXYGEN	24	cf	03/03/2015
0001360521	7782-44-7	OXYGEN	24	cf	03/03/2015
0001360522	7782-44-7	OXYGEN	24	cf	03/03/2015
0001360523		Nitric Oxide/ Nitrogen	34	I	03/03/2015
0001360524		CALIBRATION GAS	34	I	03/03/2015
0001327821		910 ADHESIVE	3	oz	03/03/2015
0001327822		910 ADHESIVE		oz	03/03/2015
0001310336		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID		qt	03/03/2015
0001310315		SANDABLE PRIMER	12	oz	03/03/2015
0001360476	7440-59-7	HELIUM	40		03/03/2015
0001337107		VERTREL CLEANING AGENT		oz	03/03/2015
0001337106		VERTREL CLEANING AGENT		OZ	03/03/2015
0001310449		MOTOR OIL		gal	03/03/2015
0001337105		VERTREL CLEANING AGENT		OZ	03/03/2015
0001337104		VERTREL CLEANING AGENT		OZ	03/03/2015
0001337103	109-99-9	TETRAHYDROFURAN	1		03/03/2015
0001310369	103 33 3	MOTOR OIL		qt	03/03/2015
0001337101	105-05-5	1,4-DIETHYLBENZENE		ml	03/03/2015
0001337161	103 03 3	MOTOR OIL		qt	03/03/2015
0001310300		SANDABLE PRIMER		OZ	03/03/2015
0001310313		SANDABLE PRIMER		OZ	03/03/2015
0001310312		SANDABLE PRIMER		OZ	03/03/2015
0001310312		SANDABLE PRIMER		OZ	03/03/2015
0001360441		5% HYDROGEN/BAL. NITROGEN	220		03/03/2015
0001310310		SANDABLE PRIMER	12	OZ	03/03/2015
0001360397		94% ARGON/6% HYDROGEN	220		03/03/2015
0001360417	7727-37-9	NITROGEN ULTRA HIGH PURITY	220		03/03/2015
0001337102	105-05-5	1,4-DIETHYLBENZENE	25	ml	03/03/2015
0001337102		MOTOR OIL		qt	03/03/2015
	1	I I I I I I I I I I I I I I I I I I I			
0001310480		WINDSHIELD WASHER FLUID	1	gal	03/03/2015
0001310475		WINDSHIELD WASHER FLUID	1	gal	03/03/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001310476		WINDSHIELD WASHER FLUID	1	gal	03/03/2015
0001310477		WINDSHIELD WASHER FLUID	1	gal	03/03/2015
0001310478		WINDSHIELD WASHER FLUID	1	gal	03/03/2015
0001310474		WINDSHIELD WASHER FLUID	1	gal	03/03/2015
0001360518	7782-44-7	OXYGEN	24	cf	03/03/2015
0001310473		WINDSHIELD WASHER FLUID	1	gal	03/03/2015
0001360517	7782-44-7	OXYGEN	24	cf	03/03/2015
0001337123	1985-58-6	1,4-Bis(2-phenylethyl)benzene	1	gm	03/03/2015
0001360516	7782-44-7	OXYGEN	24	cf	03/03/2015
0001360515	7440-59-7	HELIUM	500	I	03/03/2015
0001360385	7440-59-7	HELIUM	100	I	03/03/2015
0001337091	2628-17-3	4-VINYLPHENOL 10% SOLUTION IN PROPYLENE GLYCOL	5	gm	03/03/2015
0001310479		WINDSHIELD WASHER FLUID	1	gal	03/03/2015
0001360460	7440-37-1	ARGON	220	cf	03/03/2015
0001337090	2628-17-3	4-VINYLPHENOL 10% SOLUTION IN PROPYLENE GLYCOL	5	gm	03/03/2015
0001360459	7440-37-1	ARGON	220	cf	03/03/2015
0001360377	7440-59-7	HELIUM	250		03/03/2015
0001360382	7440-59-7	HELIUM	100	I	03/03/2015
0001360383	7440-59-7	HELIUM	100	1	03/03/2015
0001360384	7440-59-7	HELIUM	100	I	03/03/2015
0001360462	7440-37-1	ARGON	220	cf	03/03/2015
0001310481		WINDSHIELD WASHER FLUID	1	gal	03/03/2015
0001360461	7440-37-1	ARGON	220	cf	03/03/2015
0001310434		MOTOR OIL		qt	03/03/2015
0001310467		MOTOR OIL		gal	03/03/2015
0001310468		WINDSHIELD WASHER FLUID		gal	03/03/2015
0001310470		WINDSHIELD WASHER FLUID	1	gal	03/03/2015
0001310472		WINDSHIELD WASHER FLUID	1	gal	03/03/2015
0001360463	7440-37-1	ARGON	220	cf	03/03/2015
0001310327		BRAKLEEN		OZ	03/03/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001360386	7440-59-7	HELIUM	100	l	03/03/2015
0001360500	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/03/2015
0001360394	7440-59-7	HELIUM	100	I	03/03/2015
0001360395	7440-59-7	HELIUM	100	I	03/03/2015
0001360396	7440-59-7	HELIUM	100	I	03/03/2015
0001310435		MOTOR OIL	1	qt	03/03/2015
0001310422		MOTOR OIL	1	qt	03/03/2015
0001360392	7440-59-7	HELIUM	100	I	03/03/2015
0001310326		BRAKLEEN	14	OZ	03/03/2015
0001310325		WD-40 NON-AEROSOL	20	OZ	03/03/2015
0001310321		193 GLOSS BLACK CHASSIS & GRILLE GUARD PAINT	12	oz	03/03/2015
0001310322		193 GLOSS BLACK CHASSIS & GRILLE GUARD PAINT	12	OZ	03/03/2015
0001310324		WHITE LITHIUM GREASE	10	OZ	03/03/2015
0001310323		193 GLOSS BLACK CHASSIS & GRILLE GUARD PAINT	12	OZ	03/03/2015
0001310421		MOTOR OIL	1	qt	03/03/2015
0001360513	7440-59-7	HELIUM	100	<u> </u>	03/03/2015
0001310425		MOTOR OIL		qt	03/03/2015
0001310424		MOTOR OIL		qt	03/03/2015
0001310423		MOTOR OIL	1	-	03/03/2015
0001310482		WINDSHIELD WASHER FLUID	1	gal	03/03/2015
0001310483		WINDSHIELD WASHER FLUID	1	gal	03/03/2015
0001360393	7440-59-7	HELIUM	100	I	03/03/2015
0001360387	7440-59-7	HELIUM	100	I	03/03/2015
0001310469		WINDSHIELD WASHER FLUID		gal	03/03/2015
0001310485		WINDSHIELD WASHER FLUID	1	gal	03/03/2015
0001360514	7440-59-7	HELIUM	100	I	03/03/2015
0001360388	7440-59-7	HELIUM	100	I	03/03/2015
0001360389	7440-59-7	HELIUM	100	I	03/03/2015
0001360390	7440-59-7	HELIUM	100	I	03/03/2015
0001360391	7440-59-7	HELIUM	100	I	03/03/2015
0001310484		WINDSHIELD WASHER FLUID	1	gal	03/03/2015
0001330374		fast setting cement	50	lb	03/03/2015
0001337100	7732-18-5	Amtax Expulsion Solution 237 mL	237		03/03/2015
0001360511	7440-59-7	HELIUM	100	I	03/03/2015
0001360512	7440-59-7	HELIUM	100		03/03/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001360378	7440-59-7	HELIUM	100	I	03/03/2015
0001360379	7440-59-7	HELIUM	100	I	03/03/2015
0001360380	7440-59-7	HELIUM	100	I	03/03/2015
0001360381	7440-59-7	HELIUM	100	l	03/03/2015
0001337099	7732-18-5	Amtax Expulsion Solution 237 mL	237	ml	03/03/2015
0001330375		fast setting cement	50	lb	03/03/2015
0001310363		MOTOR OIL	1	qt	03/03/2015
0001330373		fast setting cement	50	lb	03/03/2015
0001330372		fast setting cement	50	lb	03/03/2015
0001330371		fast setting cement	50	lb	03/03/2015
0001330370		fast setting cement	50	lb	03/03/2015
0001337089	308080-99-1	MOLECULAR SIEVES 3A, 4-8 MESH	1	kg	03/03/2015
0001337088	7440-45-1	CERIUM	50	gm	03/03/2015
0001337087	57-55-6	PROPYLENE GLYCOL		gal	03/03/2015
0001330376		fast setting cement	50	-	03/03/2015
0001310355		MOTOR OIL		qt	03/03/2015
0001360510	7440-59-7	HELIUM	100	•	03/03/2015
0001360509	74-82-8	METHANE	220	cf	03/03/2015
0001360508		10% METHANE/90% ARGON	40		03/03/2015
0001360507	74-86-2	ACETYLENE	240	lb	03/03/2015
0001360506	74-86-2	ACETYLENE	240	lb	03/03/2015
0001360505	74-86-2	ACETYLENE	240	lb	03/03/2015
0001310352		MOTOR OIL	1	qt	03/03/2015
0001360504	74-86-2	ACETYLENE	240	lb	03/03/2015
0001310354		MOTOR OIL	1	qt	03/03/2015
0001310471		WINDSHIELD WASHER FLUID	1	gal	03/03/2015
0001310356		MOTOR OIL	1	qt	03/03/2015
0001310357		MOTOR OIL	1	qt	03/03/2015
0001310358		MOTOR OIL	1	qt	03/03/2015
0001310359		MOTOR OIL	1	qt	03/03/2015
0001310360		MOTOR OIL	1	qt	03/03/2015
0001310361		MOTOR OIL	1	qt	03/03/2015
0001310362		MOTOR OIL	1	qt	03/03/2015
0001360503	74-86-2	ACETYLENE	130	lb	03/03/2015
0001310353		MOTOR OIL	1	qt	03/03/2015
0001337093	7732-18-5	Amtax Expulsion Solution 237 mL	237	ml	03/03/2015
0001337094	7732-18-5	Amtax Expulsion Solution 237 mL	237	ml	03/03/2015
0001337095	7732-18-5	Amtax Expulsion Solution 237 mL	237	ml	03/03/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001337096	7732-18-5	Amtax Expulsion Solution 237 mL	237	ml	03/03/2015
0001337097	7732-18-5	Amtax Expulsion Solution 237 mL	237	ml	03/03/2015
0001337098	7732-18-5	Amtax Expulsion Solution 237 mL	237	ml	03/03/2015
0001337092	2628-17-3	4-VINYLPHENOL 10% SOLUTION IN PROPYLENE GLYCOL	5	gm	03/03/2015
0001330387		PRIMER-70 PURPLE PRIMER	1	qt	03/04/2015
0001330391		PRIMER-70 PURPLE PRIMER	1	qt	03/04/2015
0001330388		PRIMER-70 PURPLE PRIMER	1	qt	03/04/2015
0001330386		PRIMER-70 PURPLE PRIMER	1	qt	03/04/2015
0001330385		PVC-27 COLD-N-HOT PVC PLASTIC PIPE CEMENT, MEDIUM BODY	1	qt	03/04/2015
0001330384		PVC-27 COLD-N-HOT PVC PLASTIC PIPE CEMENT, MEDIUM BODY	1	qt	03/04/2015
0001330383		PVC-27 COLD-N-HOT PVC PLASTIC PIPE CEMENT, MEDIUM BODY	1	qt	03/04/2015
0001330382		PVC-27 COLD-N-HOT PVC PLASTIC PIPE CEMENT, MEDIUM BODY	1	qt	03/04/2015
0001337239	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001337294	7782-92-5	SODIUM AMIDE	250	gm	03/05/2015
0001337258		AEROKROIL LUBRICANT SPRAY	13	OZ	03/05/2015
0001337295	75-05-8	ACETONITRILE	1	I	03/05/2015
0001337216	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001337217	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001337237	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001337238	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001330390		fast setting cement	50	lb	03/05/2015
0001337219	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001337250	1314-61-0	TANTALUM OXIDE	1	kg	03/05/2015
0001337242	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001337240	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001337218	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	1	03/05/2015
0001337276		AEROKROIL LUBRICANT SPRAY	13	oz	03/05/2015
0001337293	7440-03-1	NIOBIUM	500	ml	03/05/2015
0001337275		AEROKROIL LUBRICANT SPRAY	13	OZ	03/05/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
000400=0=4					22/27/2217
0001337274		AEROKROIL LUBRICANT SPRAY	13	OZ	03/05/2015
0001337220	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001337244	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001337241	7697-37-2	NIT ACID R ACS SAF 6x21	2.5		03/05/2015
0001337243	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001337252	513-77-9	BARIUM CARBONATE	10	kg	03/05/2015
0001337174	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001337208	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001337209	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001337210	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	1	03/05/2015
0001337211	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001337212	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001337213	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001337214	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001337215	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001337173	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001337301		HYDRANAL COULMAT	500	ml	03/05/2015
0001337185	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001337171	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001337292	50-99-7	DEXTROSE, ANHYDROUS	500	gm	03/05/2015
0001337187	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001331715	1310-73-2	Sodium Hydroxide 25%	3400	lb	03/05/2015
0001331716	1310-73-2	Sodium Hydroxide 25%	3400	lb	03/05/2015
0001331717	1310-73-2	Sodium Hydroxide 25%	3400	lb	03/05/2015
0001331718	1310-73-2	Sodium Hydroxide 25%	3400	lb	03/05/2015
0001331719	1310-73-2	Sodium Hydroxide 25%	3400	lb	03/05/2015
0001337228	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001337186	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001337236	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001337290	111-87-5	1-OCTANOL	250	ml	03/05/2015
0001337291	50-99-7	DEXTROSE, ANHYDROUS	500	gm	03/05/2015
0001337302		HYDRANAL COULMAT	500	ml	03/05/2015
0001337300		HYDRANAL COULMAT	500	ml	03/05/2015
0001337245	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001337167	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001337168	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001337169	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001337170	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001337255		AEROKROIL LUBRICANT SPRAY	13	OZ	03/05/2015
0001330379		fast setting cement	50	lb	03/05/2015
0001337256		AEROKROIL LUBRICANT SPRAY	13	oz	03/05/2015
0001330389		fast setting cement	50	lb	03/05/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001337257		AEROKROIL LUBRICANT SPRAY	13	oz	03/05/2015
0001337230	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001337183	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001337299		HYDRANAL COULMAT	500	ml	03/05/2015
0001310499		DRY FILM MOLY LUBRICANT LU 200	11	oz	03/05/2015
0001310498		DRY FILM MOLY LUBRICANT LU 200	11	oz	03/05/2015
0001310497		CHAIN AND CABLE FLUID	11	oz	03/05/2015
0001337207	7697-37-2	NIT ACID R ACS SAF 6x21	2.5		03/05/2015
0001337182	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001331713	7732-18-5	Hydrochloric Acid 30-31%	3000	lb	03/05/2015
0001337181	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	1	03/05/2015
0001337180	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	1	03/05/2015
0001337162	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	1	03/05/2015
0001337163	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	1	03/05/2015
0001337164	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001337184	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	1	03/05/2015
0001337223	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001337234	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001337233	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001337232	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001337231	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001337165	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001337229	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001337179	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001337227	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001337221	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001337226	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	1	03/05/2015
0001337225	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001337246	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	1	03/05/2015
0001337222	7697-37-2	NIT ACID R ACS SAF 6x21	2.5		03/05/2015
0001337172	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	1	03/05/2015
0001331619	Multi	Specifast		gm	03/05/2015
0001337296	7697-37-2	NITRIC ACID		gal	03/05/2015
0001337297		HYDRANAL COULMAT	500	ml	03/05/2015
0001337277		AEROKROIL LUBRICANT SPRAY	13	oz	03/05/2015
0001337278		AEROKROIL LUBRICANT SPRAY	13	OZ	03/05/2015
0001337279		AEROKROIL LUBRICANT SPRAY	13	oz	03/05/2015
0001337280		AEROKROIL LUBRICANT SPRAY	13	oz	03/05/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001337281		AEROKROIL LUBRICANT SPRAY	13	OZ	03/05/2015
0001337166	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001337298		HYDRANAL COULMAT	500	ml	03/05/2015
0001337235	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001337224	7697-37-2	NIT ACID R ACS SAF 6x21	2.5		03/05/2015
0001337178	7697-37-2	NIT ACID R ACS SAF 6x21	2.5		03/05/2015
0001337177	7697-37-2	NIT ACID R ACS SAF 6x21	2.5		03/05/2015
0001330380		fast setting cement	50		03/05/2015
0001337136		BUFFER PH 7.00	500		03/05/2015
0001337137		BUFFER PH 7.00	500		03/05/2015
0001337138	7607.27.2	BUFFER PH 7.00	500		03/05/2015
0001337190	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	[1	03/05/2015
0001337273		AEROKROIL LUBRICANT SPRAY	13	OZ	03/05/2015
0001337189	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001337272		AEROKROIL LUBRICANT SPRAY	13	oz	03/05/2015
0001280025		TAPMATIC NATURAL CUTTING FLUID	16	OZ	03/05/2015
0001330394		EASY SAND 45	18	lb	03/05/2015
0001337271		AEROKROIL LUBRICANT SPRAY	13	oz	03/05/2015
0001337270		AEROKROIL LUBRICANT SPRAY	13	OZ	03/05/2015
0001280021		TAPMATIC NATURAL CUTTING FLUID	16	OZ	03/05/2015
0001280024		TAPMATIC NATURAL CUTTING FLUID	16	OZ	03/05/2015
0001337286		AEROKROIL LUBRICANT SPRAY	13	OZ	03/05/2015
0001280022		TAPMATIC NATURAL CUTTING FLUID	16	OZ	03/05/2015
0001337188	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001280023		TAPMATIC NATURAL CUTTING FLUID	16	oz	03/05/2015
0001337283		AEROKROIL LUBRICANT SPRAY	13	OZ	03/05/2015
0001337206	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001330381		fast setting cement	50	lb	03/05/2015
0001337285		AEROKROIL LUBRICANT SPRAY	13	oz	03/05/2015
0001330395		EASY SAND 45	18	lb	03/05/2015
0001337287		AEROKROIL LUBRICANT SPRAY	13	OZ	03/05/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001337288		AEROKROIL LUBRICANT SPRAY	13	oz	03/05/2015
0001337289	111-87-5	1-OCTANOL	250	ml	03/05/2015
0001337192	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001337191	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001330393		JOINT COMPOUND READY-TO-USE	60	lb	03/05/2015
0001337284		AEROKROIL LUBRICANT SPRAY	13	OZ	03/05/2015
0001337249		AG MP-1M RESIN	500	gm	03/05/2015
0001337269		AEROKROIL LUBRICANT SPRAY	13	OZ	03/05/2015
0001337080	75-09-2	METHYLENE CHLORIDE	4	I	03/05/2015
0001337081	75-09-2	METHYLENE CHLORIDE	4	I	03/05/2015
0001331714	7732-18-5	Hydrochloric Acid 30-31%	3000	lb	03/05/2015
0001330396		EASY SAND 45	18	lb	03/05/2015
0001337079	1310-58-3	POTASSIUM HYDROXIDE	1	kg	03/05/2015
0001280020		TAPMATIC NATURAL CUTTING FLUID	16	oz	03/05/2015
0001337144	79-37-8	OXALYL CHLORIDE	50	gm	03/05/2015
0001337248	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001337247	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001280019		TAPMATIC NATURAL CUTTING FLUID	16	oz	03/05/2015
0001280018		TAPMATIC NATURAL CUTTING FLUID	16	oz	03/05/2015
0001337176	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001337251	1309-48-4	MAGNESIUM OXIDE		kg	03/05/2015
0001330397		EASY SAND 45		lb	03/05/2015
0001330392		JOINT COMPOUND READY-TO-USE		lb	03/05/2015
0001337139		BUFFER PH 7.00	500	ml	03/05/2015
0001337140		BUFFER PH 7.00	500	ml	03/05/2015
0001280016		TAPMATIC NATURAL CUTTING FLUID	16	oz	03/05/2015
0001280017		TAPMATIC NATURAL CUTTING FLUID	16	OZ	03/05/2015
0001337141		BUFFER PH 7.00	500	ml	03/05/2015
0001337145	67-64-1	ACETONE	200		03/05/2015
0001337175	7697-37-2	NIT ACID R ACS SAF 6x21	2.5		03/05/2015
0001337282		AEROKROIL LUBRICANT SPRAY		oz	03/05/2015
0001310511		DIESEL EXHAUST FLUID	2.5	gal	03/05/2015
0001330399		EASY SAND 45		lb	03/05/2015
0001330398		EASY SAND 45		lb	03/05/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001337254		AEROKROIL LUBRICANT SPRAY	13	OZ	03/05/2015
0001337253		AEROKROIL LUBRICANT SPRAY	13	OZ	03/05/2015
0001337143	28469-92-3	2,6-DICHLOROSTYRENE	25	gm	03/05/2015
0001337142		PALLADIUM ON CARBON 5%	25	gm	03/05/2015
0001310510		ANTIFREEZE/COOLANT	1	gal	03/05/2015
0001337263		AEROKROIL LUBRICANT SPRAY	13	oz	03/05/2015
0001337264		AEROKROIL LUBRICANT SPRAY	13	OZ	03/05/2015
0001337265		AEROKROIL LUBRICANT SPRAY	13	OZ	03/05/2015
0001337266		AEROKROIL LUBRICANT SPRAY	13	OZ	03/05/2015
0001337267		AEROKROIL LUBRICANT SPRAY	13	OZ	03/05/2015
0001337268		AEROKROIL LUBRICANT SPRAY	13	oz	03/05/2015
0001310507		CARB AND CHOKE CLEANER	13	OZ	03/05/2015
0001337161	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	1	03/05/2015
0001337260		AEROKROIL LUBRICANT SPRAY	13	OZ	03/05/2015
0001337082	75-09-2	METHYLENE CHLORIDE	4	I	03/05/2015
0001337083	75-09-2	METHYLENE CHLORIDE	4	I	03/05/2015
0001337125	2628-17-3	4-VINYLPHENOL 10% SOLUTION IN PROPYLENE GLYCOL	5	gm	03/05/2015
0001337127	112-80-1	OLEIC ACID	1000	ml	03/05/2015
0001337128	109-99-9	TETRAHYDROFURAN	2	I	03/05/2015
0001310509		ANTIFREEZE/COOLANT		gal	03/05/2015
0001310508		THREADLOCKER RED	0.34		03/05/2015
0001337160	7697-37-2	NIT ACID R ACS SAF 6x21	2.5		03/05/2015
0001337196	7697-37-2	NIT ACID R ACS SAF 6x21	2.5		03/05/2015
0001337205	7697-37-2	NIT ACID R ACS SAF 6x21	2.5		03/05/2015
0001337204 0001337203	7697-37-2	NIT ACID R ACS SAF 6x21 NIT ACID R ACS SAF 6x21	2.5		03/05/2015
0001337203	7697-37-2 7697-37-2	NIT ACID R ACS SAF 6x21	2.5		03/05/2015 03/05/2015
0001337202	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	†	03/05/2015
0001337201	7697-37-2	NIT ACID R ACS SAF 6x21	2.5		03/05/2015
0001337199	7697-37-2	NIT ACID R ACS SAF 6x21	2.5		03/05/2015
0001337262		AEROKROIL LUBRICANT SPRAY		oz	03/05/2015
0001337197	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001337261		AEROKROIL LUBRICANT SPRAY	13	oz	03/05/2015
0001337195	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001337194	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001337134	3140-73-6	2-CHLORO-4,6-DIMETHOXY-1,3,5- TRIAZINE	5	gm	03/05/2015
0001337135	3140-73-6	2-CHLORO-4,6-DIMETHOXY-1,3,5- TRIAZINE	5	gm	03/05/2015
0001337159	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001337259		AEROKROIL LUBRICANT SPRAY	13	oz	03/05/2015
0001337126	112-80-1	OLEIC ACID	1000	ml	03/05/2015
0001337198	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001317211		Tru-Blue Thread Sealant	1.75	OZ	03/05/2015
0001337193	7697-37-2	NIT ACID R ACS SAF 6x21	2.5	I	03/05/2015
0001317210		Tru-Blue Thread Sealant	1.75	OZ	03/05/2015
0001337084		Urban Particulate Matter		gm	03/05/2015
0001337132	7440-67-7	ZIRCONIUM		gm	03/05/2015
0001310506		CARB AND CHOKE CLEANER	13	OZ	03/05/2015
0001317212		Tru-Blue Thread Sealant	1.75	OZ	03/05/2015
0001317213		Tru-Blue Thread Sealant	1.75	OZ	03/05/2015
0001317214		PIPE CLEANER LOW VOC	16	OZ	03/05/2015
0001328379		PVC CEMENT	16	OZ	03/05/2015
0001310500		732 MULTI-PURPOSE SEALANT CLEAR	10.1	OZ	03/05/2015
0001310501		CARB AND CHOKE CLEANER	13	OZ	03/05/2015
0001310502		CARB AND CHOKE CLEANER	13	OZ	03/05/2015
0001337131	109-99-9	TETRAHYDROFURAN	2	I	03/05/2015
0001310504		CARB AND CHOKE CLEANER	13	OZ	03/05/2015
0001337133	7440-67-7	ZIRCONIUM	25	gm	03/05/2015
0001310503		CARB AND CHOKE CLEANER	13	OZ	03/05/2015
0001337129	109-99-9	TETRAHYDROFURAN	2	l	03/05/2015
0001310505		CARB AND CHOKE CLEANER	13	OZ	03/05/2015
0001337130	109-99-9	TETRAHYDROFURAN	2	I	03/05/2015
0001330425		SODA ASH	50	lb	03/06/2015
0001330419		SODA ASH		lb	03/06/2015
0001330420		SODA ASH		lb	03/06/2015
0001330424		SODA ASH		lb	03/06/2015
0001330447		SODA ASH		lb	03/06/2015
0001330456		SODA ASH		lb	03/06/2015
0001330448		SODA ASH		lb	03/06/2015
0001330449		SODA ASH		lb	03/06/2015
0001330450		SODA ASH		lb	03/06/2015
0001330451		SODA ASH		lb	03/06/2015
0001330452		SODA ASH	50	lb	03/06/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001330453		SODA ASH	50	lb	03/06/2015
0001330427		SODA ASH	50	lb	03/06/2015
0001330446		SODA ASH		lb	03/06/2015
0001330423		SODA ASH	50	lb	03/06/2015
0001330462		BLACK JACK ROOF GARD 700	5	gal	03/06/2015
0001330460		BLACK JACK ROOF GARD 700	5	gal	03/06/2015
0001330445		SODA ASH	50	lb	03/06/2015
0001330463		BLACK JACK ROOF GARD 700	5	gal	03/06/2015
0001330426		SODA ASH	50	lb	03/06/2015
0001330404		SODA ASH	50	lb	03/06/2015
0001330444		SODA ASH	50	lb	03/06/2015
0001330403		SODA ASH	50	lb	03/06/2015
0001330466		BLACK JACK ROOF GARD 700	5	gal	03/06/2015
0001330459		BLACK JACK ROOF GARD 700	5	gal	03/06/2015
0001330464		BLACK JACK ROOF GARD 700	5	gal	03/06/2015
0001330458		BLACK JACK ROOF GARD 700	5	gal	03/06/2015
0001330457		BLACK JACK ROOF GARD 700	5	gal	03/06/2015
0001330461		BLACK JACK ROOF GARD 700	5	gal	03/06/2015
0001330439		SODA ASH	50	lb	03/06/2015
0001330443		SODA ASH	50	lb	03/06/2015
0001330432		SODA ASH	1	lb	03/06/2015
0001330455		SODA ASH	50	lb	03/06/2015
0001330434		SODA ASH		lb	03/06/2015
0001330435		SODA ASH		lb	03/06/2015
0001330436		SODA ASH		lb	03/06/2015
0001330431		SODA ASH		lb 	03/06/2015
0001330438		SODA ASH		lb	03/06/2015
0001330430		SODA ASH		lb	03/06/2015
0001330440		SODA ASH		lb	03/06/2015
0001330441 0001330442		SODA ASH SODA ASH		lb lb	03/06/2015 03/06/2015
0001330442		SODA ASH		lb	03/06/2015
0001330417		SODA ASH		lb	03/06/2015
0001330418		SODA ASH		lb	03/06/2015
0001330437		SODA ASH		lb	03/06/2015
0001330413		SODA ASH		lb	03/06/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001330407		SODA ASH	50	lb	03/06/2015
0001330406		SODA ASH	50	lb	03/06/2015
0001330405		SODA ASH	50	lb	03/06/2015
0001330408		SODA ASH	50		03/06/2015
0001330409		SODA ASH	50		03/06/2015
0001330410		SODA ASH	50	ļ	03/06/2015
0001330454		SODA ASH	50	ļ	03/06/2015
0001330412		SODA ASH	50		03/06/2015
0001330433		SODA ASH	50		03/06/2015
0001330414		SODA ASH	-	lb	03/06/2015
0001330415		SODA ASH	50	ļ	03/06/2015
0001330422		SODA ASH	50		03/06/2015
0001330421		SODA ASH	50		03/06/2015
0001330428		SODA ASH	50		03/06/2015
0001330429		SODA ASH		lb	03/06/2015
0001330411		SODA ASH	50	lb	03/06/2015
0001330465		BLACK JACK ROOF GARD 700	5	gal	03/06/2015
0001330402	65997-15-1	PORTLAND CEMENT	90	lb	03/06/2015
0001289893		RUST COAT ENAMEL	12	OZ	03/06/2015
0001330400	65997-15-1	PORTLAND CEMENT	90	lb	03/06/2015
0001330401	65997-15-1	PORTLAND CEMENT	90	lb	03/06/2015
0001337326		CLOROX	1	gal	03/09/2015
0001337336		CLOROX	1	gal	03/09/2015
0001337152	69991-67-9	FOMBLIN YL-VAC 06/6	1	kg	03/09/2015
0001337147	7719-12-2	PHOSPHORUS TRICHLORIDE	10000	gm	03/09/2015
0001337341		CLOROX	1	gal	03/09/2015
0001337340		CLOROX	1	gal	03/09/2015
0001337304		PBS: PHOSPHATE BUFFERED SOLUTION	1000	ml	03/09/2015
0001337344		CLOROX	1	gal	03/09/2015
0001337156		1X PBS Solution	1000		03/09/2015
0001337359	9002-18-0	AGAR	250	gm	03/09/2015
0001337305		PBS: PHOSPHATE BUFFERED SOLUTION	1000	ml	03/09/2015
0001337343		CLOROX	1	gal	03/09/2015
0001337335		CLOROX		gal	03/09/2015
0001337345		CLOROX	_	gal	03/09/2015
0001337146		WD-40 LUBRICANT		OZ	03/09/2015
0001337148	1310-73-2	SODIUM HYDROXIDE 50% SOLUTION	4		03/09/2015
0001337149	1310-73-2	SODIUM HYDROXIDE 50% SOLUTION	4	I	03/09/2015
0001337337	†	CLOROX	1	gal	03/09/2015
0001337337	†	CLOROX		gal	03/09/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001337339		CLOROX	1	gal	03/09/2015
0001331723		NALCO 7408 CHLORINE SCAVENGER SOLUTION	2209	lb	03/09/2015
0001337150	1310-73-2	SODIUM HYDROXIDE 50% SOLUTION	4	I	03/09/2015
0001337342		CLOROX	1	gal	03/09/2015
0001337330		CLOROX	1	gal	03/09/2015
0001337325		CLOROX		gal	03/09/2015
0001337324		CLOROX	1	gal	03/09/2015
0001337157	538-75-0	N,N'-DICYCLOHEXYLCARBODIIMIDE	100	gm	03/09/2015
0001337311	7789-23-3	POTASSIUM FLUORIDE	100	gm	03/09/2015
0001337308	7447-39-4	COPPER(II) CHLORIDE	50	gm	03/09/2015
0001337307	121-43-7	TRIMETHYL BORATE	100	ml	03/09/2015
0001337323		CLOROX	1	gal	03/09/2015
0001337322		CLOROX	1	gal	03/09/2015
0001337321		CLOROX	1	gal	03/09/2015
0001337320		CLOROX	1	gal	03/09/2015
0001337327		CLOROX	1	gal	03/09/2015
0001337348		CLOROX		gal	03/09/2015
0001337329		CLOROX	1	gal	03/09/2015
0001310513		ANTIFREEZE/COOLANT		gal	03/09/2015
0001337355		LB BROTH	500	ml	03/09/2015
0001337354	7732-18-5	DEIONIZED WATER	1	I	03/09/2015
0001337353	6018-89-9	NICKEL(II) ACETATE TETRAHYDRATE	100	gm	03/09/2015
0001337158	1122-58-3	4-(DIMETHYLAMINO)PYRIDINE	25	gm	03/09/2015
0001337331		CLOROX	1	gal	03/09/2015
0001337332		CLOROX		gal	03/09/2015
0001337333		CLOROX	1	gal	03/09/2015
0001337303		PBS: PHOSPHATE BUFFERED SOLUTION	1000	ml	03/09/2015
0001337334		CLOROX	1	gal	03/09/2015
0001337151	1310-73-2	SODIUM HYDROXIDE 50% SOLUTION	4	I	03/09/2015
0001337349		CLOROX	1	gal	03/09/2015
0001337328		CLOROX		gal	03/09/2015
0001331219		CLOROX		gal	03/09/2015
0001310512		ANTIFREEZE/COOLANT		gal	03/09/2015
0001337352	1762-95-4	AMMONIUM THIOCYANATE		gm	03/09/2015
0001337358	10042-88-3	TERBIUM(III) CHLORIDE, ANHYDROUS	1	gm	03/09/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001337357		CHITINASE ASSAY KIT, FLUORIMETRIC	5	ml	03/09/2015
0001337347		CLOROX	1	gal	03/09/2015
0001328918		OMEGABOND 600	8	OZ	03/09/2015
0001328919		OMEGABOND 600	8	OZ	03/09/2015
0001328915		OMEGABOND 400	8	OZ	03/09/2015
0001328916		OMEGABOND 400	8	OZ	03/09/2015
0001337154	69991-67-9	FOMBLIN YL-VAC 06/6	1	kg	03/09/2015
0001337319		CLOROX	1	gal	03/09/2015
0001337316		CLOROX	1		03/09/2015
0001328917		OMEGABOND 400		OZ	03/09/2015
0001337317		CLOROX	1	gal	03/09/2015
0001337318		CLOROX		gal	03/09/2015
0001337315		CLOROX		gal	03/09/2015
0001337314		CLOROX	_	gal	03/09/2015
0001337313		CLOROX		gal	03/09/2015
0001337310	108-24-7	ACETIC ANHYDRIDE	500	ml	03/09/2015
0001331221		CLOROX	1	0	03/09/2015
0001331220		CLOROX	1	gal	03/09/2015
0001337309	58479-61-1	TERT-BUTYLCHLORODIPHENYLSILANE	10	gm	03/09/2015
0001337346		CLOROX	1	gal	03/09/2015
0001337153	69991-67-9	FOMBLIN YL-VAC 06/6	1	kg	03/09/2015
0001337351		CLOROX	1	gal	03/09/2015
0001337306		PBS: PHOSPHATE BUFFERED SOLUTION	1000	ml	03/09/2015
0001331721		JB WELD	1	OZ	03/09/2015
0001337356	9016-17-5	Sulfatase, from abalone entrails	500	ml	03/09/2015
0001337155	69991-67-9	FOMBLIN YL-VAC 06/6	1	kg	03/09/2015
0001331722	7732-18-5	Hydrochloric Acid 30-31%	3000		03/09/2015
0001337350		CLOROX	1	gal	03/09/2015
0001337312	107-15-3	ETHYLENEDIAME	100	ml	03/09/2015
0001328920		OMEGATHERM 201	2	OZ	03/09/2015
0001280046		SILASTIC 732 RTV ADHESIVE /SEALANT	4.7	OZ	03/10/2015
0001338098		FANTASTIK ALL PURPOSE CLEANER	32	OZ	03/10/2015
0001338065		1-DIMETHYLAMINO-2-PROPANOL	250	ml	03/10/2015
0001280047		SILASTIC 732 RTV ADHESIVE /SEALANT	4.7	oz	03/10/2015
0001280049		SILASTIC 732 RTV ADHESIVE /SEALANT	4.7	OZ	03/10/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001280051		SILASTIC 732 RTV ADHESIVE /SEALANT	4.7	oz	03/10/2015
0001338099		FANTASTIK ALL PURPOSE CLEANER	32	OZ	03/10/2015
0001280052		SILASTIC 732 RTV ADHESIVE /SEALANT	4.7	oz	03/10/2015
0001338068		TURBIDITY STANDARD	60	ml	03/10/2015
0001338095		FANTASTIK ALL PURPOSE CLEANER	32	OZ	03/10/2015
0001280050		SILASTIC 732 RTV ADHESIVE /SEALANT	4.7	oz	03/10/2015
0001338067	60-29-7	DIETHYL ETHER	1	I	03/10/2015
0001310520		WEST R-630	573	lb	03/10/2015
0001310521		WEST R-630	573	lb	03/10/2015
0001310519		WEST R-630	573	lb	03/10/2015
0001310522		WEST R-630	573	lb	03/10/2015
0001310523		WEST R-630	573	lb	03/10/2015
0001338097		FANTASTIK ALL PURPOSE CLEANER	32	OZ	03/10/2015
0001310518		WEST R-630	573	lb	03/10/2015
0001338064	75-05-8	ACETONITRILE ANHYDROUS	100	ml	03/10/2015
0001310524		WEST R-630	573	lb	03/10/2015
0001310525		WEST R-630	573	lb	03/10/2015
0001330467	65997-15-1	PORTLAND CEMENT	90	lb	03/10/2015
0001330468	65997-15-1	PORTLAND CEMENT	90	lb	03/10/2015
0001338066	111-65-9	OCTANE (OCTANE, ANHYDROUS)	1	I	03/10/2015
0001330469	65997-15-1	PORTLAND CEMENT	90	lb	03/10/2015
0001280048		SILASTIC 732 RTV ADHESIVE /SEALANT	4.7	OZ	03/10/2015
0001279908		TAPMATIC NATURAL CUTTING FLUID	16	OZ	03/10/2015
0001279916		TAPMATIC NATURAL CUTTING FLUID	16	OZ	03/10/2015
0001279915		TAPMATIC NATURAL CUTTING FLUID	16	OZ	03/10/2015
0001279914		TAPMATIC NATURAL CUTTING FLUID	16	OZ	03/10/2015
0001279913		TAPMATIC NATURAL CUTTING FLUID	16	oz	03/10/2015
0001279912		TAPMATIC NATURAL CUTTING FLUID	16	oz	03/10/2015
0001279911		TAPMATIC NATURAL CUTTING FLUID	16	OZ	03/10/2015
0001279927		PROTAP CUTTING FLUID	16	OZ	03/10/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001279909		TAPMATIC NATURAL CUTTING FLUID	16	oz	03/10/2015
0001279919		PROTAP CUTTING FLUID	16	OZ	03/10/2015
0001279907		TAPMATIC NATURAL CUTTING FLUID	16	oz	03/10/2015
0001279906		TAPMATIC NATURAL CUTTING FLUID	16	OZ	03/10/2015
0001279944		5 MINUTE EPOXY	1	OZ	03/10/2015
0001279943		5 MINUTE EPOXY	1	oz	03/10/2015
0001279942		5 MINUTE EPOXY	1	OZ	03/10/2015
0001279941		5 MINUTE EPOXY	1	OZ	03/10/2015
0001279940		5 MINUTE EPOXY	1	oz	03/10/2015
0001279910		TAPMATIC NATURAL CUTTING FLUID	16	OZ	03/10/2015
0001338151	13154-24-0	TRIISOPROPYLSILYL CHLORIDE	10	gm	03/10/2015
0001279881		MOBIL VACTRA OIL NO. 2	5	gal	03/10/2015
0001279929		PROTAP CUTTING FLUID		oz	03/10/2015
0001279930		PROTAP CUTTING FLUID	16	oz	03/10/2015
0001279882		BOELUBE	12	oz	03/10/2015
0001279883		BOELUBE	12	oz	03/10/2015
0001338147	68-12-2	N,N-DIMETHYLFORMAMIDE	100	ml	03/10/2015
0001338148	68-12-2	N,N-DIMETHYLFORMAMIDE	100	ml	03/10/2015
0001279917		TAPMATIC NATURAL CUTTING FLUID	16	oz	03/10/2015
0001338150	7758-09-0	POTASSIUM NITRITE	500	gm	03/10/2015
0001279918		TAPMATIC NATURAL CUTTING FLUID		OZ	03/10/2015
0001338152	311-28-4	TETRABUTYLAMMONIUM IODIDE	25	gm	03/10/2015
0001338153	107-46-0	HEXAMETHYLDISILOXANE	100	ml	03/10/2015
0001338155	75-84-3	NEOPENTYL ALCOHOL	10	gm	03/10/2015
0001338154	2001-45-8	TETRAPHENYLPHOSPHONIUM CHLORIDE		gm	03/10/2015
0001338127		FANTASTIK ALL PURPOSE CLEANER	32	OZ	03/10/2015
0001338128		FANTASTIK ALL PURPOSE CLEANER	32	oz	03/10/2015
0001279812		super lube w/multi purpose synthetic lubricant w/teflon	3	OZ	03/10/2015
0001338149	7758-09-0	POTASSIUM NITRITE	500	gm	03/10/2015
0001310529		WEST R-630	573	_	03/10/2015
0001370323	1	5 MINUTE EPOXY		OZ	03/10/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001338030	105333-10-6	(n5-2,4-Cyclopentadien-1-yl)[(1,2,3-n)-1-phenyl-2-propenyl]-palladium	100	mg	03/10/2015
0001338031	105333-10-6	(n5-2,4-Cyclopentadien-1-yl)[(1,2,3-n)-1-phenyl-2-propenyl]-palladium	100	mg	03/10/2015
0001338032	105333-10-6	(n5-2,4-Cyclopentadien-1-yl)[(1,2,3-n)-1-phenyl-2-propenyl]-palladium	100	mg	03/10/2015
0001338033	105333-10-6	(n5-2,4-Cyclopentadien-1-yl)[(1,2,3-n)-1-phenyl-2-propenyl]-palladium	100	mg	03/10/2015
0001338034	105333-10-6	(n5-2,4-Cyclopentadien-1-yl)[(1,2,3-n)-1-phenyl-2-propenyl]-palladium	100	mg	03/10/2015
0001280002	75-09-2	Crack Check CNF Cleaner	16	oz	03/10/2015
0001338028	105333-10-6	(n5-2,4-Cyclopentadien-1-yl)[(1,2,3-n)-1-phenyl-2-propenyl]-palladium	100	mg	03/10/2015
0001310528		WEST R-630	573	lb	03/10/2015
0001338027	105333-10-6	(n5-2,4-Cyclopentadien-1-yl)[(1,2,3-n)-1-phenyl-2-propenyl]-palladium	100	mg	03/10/2015
0001310530		WEST R-630	573	lb	03/10/2015
0001338026	105333-10-6	(n5-2,4-Cyclopentadien-1-yl)[(1,2,3-n)-1-phenyl-2-propenyl]-palladium	100	mg	03/10/2015
0001280010		SIMPLE GREEN	24	oz	03/10/2015
0001280009		SIMPLE GREEN	24	oz	03/10/2015
0001280008		SIMPLE GREEN	24	oz	03/10/2015
0001280007		SIMPLE GREEN	24	oz	03/10/2015
0001280006		SIMPLE GREEN	24	oz	03/10/2015
0001280003	75-09-2	Crack Check CNF Cleaner	16	OZ	03/10/2015
0001338069		TURBIDITY STANDARD	60	ml	03/10/2015
0001279926		PROTAP CUTTING FLUID	16	oz	03/10/2015
0001279813		super lube w/multi purpose synthetic lubricant w/teflon	3	OZ	03/10/2015
0001279986		LOCTITE 243 THREADLOCKER	1.69	OZ	03/10/2015
0001279985		LOCTITE 243 THREADLOCKER	1.69	OZ	03/10/2015
0001279984		LOCTITE 243 THREADLOCKER	1.69	OZ	03/10/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001279983		LOCTITE 243 THREADLOCKER	1.69	oz	03/10/2015
0001279990		LOCTITE 262 THREADLOCKER	50	ml	03/10/2015
0001338029	105333-10-6	(n5-2,4-Cyclopentadien-1-yl)[(1,2,3-n)-1-phenyl-2-propenyl]-palladium	100	mg	03/10/2015
0001279996	Multi	Crack Check DF Developer	16	oz	03/10/2015
0001279938		5 MINUTE EPOXY	1	oz	03/10/2015
0001279997	Multi	Crack Check DF Developer	16	oz	03/10/2015
0001310526		WEST R-630	573	lb	03/10/2015
0001310527		WEST R-630	573	lb	03/10/2015
0001279998	Multi	Crack Check DF Developer	16	oz	03/10/2015
0001279999	Multi	Crack Check DF Developer	16	oz	03/10/2015
0001280000	75-09-2	Crack Check CNF Cleaner	16	OZ	03/10/2015
0001280001	75-09-2	Crack Check CNF Cleaner	16	OZ	03/10/2015
0001279989		LOCTITE 262 THREADLOCKER	50	ml	03/10/2015
0001338144		BORON-10	50	gm	03/10/2015
0001338055	105333-10-6	(n5-2,4-Cyclopentadien-1-yl)[(1,2,3-n)-1-phenyl-2-propenyl]-palladium		mg	03/10/2015
0001338056	105333-10-6	(n5-2,4-Cyclopentadien-1-yl)[(1,2,3-n)-1-phenyl-2-propenyl]-palladium	100	mg	03/10/2015
0001338057	105333-10-6	(n5-2,4-Cyclopentadien-1-yl)[(1,2,3-n)-1-phenyl-2-propenyl]-palladium	100	mg	03/10/2015
0001338058	105333-10-6	(n5-2,4-Cyclopentadien-1-yl)[(1,2,3-n)-1-phenyl-2-propenyl]-palladium	100	mg	03/10/2015
0001338059	105333-10-6	(n5-2,4-Cyclopentadien-1-yl)[(1,2,3-n)-1-phenyl-2-propenyl]-palladium	100	mg	03/10/2015
0001338060	105333-10-6	(n5-2,4-Cyclopentadien-1-yl)[(1,2,3-n)-1-phenyl-2-propenyl]-palladium	100	mg	03/10/2015
0001279928		PROTAP CUTTING FLUID	16	OZ	03/10/2015
0001338062	105333-10-6	(n5-2,4-Cyclopentadien-1-yl)[(1,2,3-n)-1-phenyl-2-propenyl]-palladium	100	mg	03/10/2015
0001338052	105333-10-6	(n5-2,4-Cyclopentadien-1-yl)[(1,2,3-n)-1-phenyl-2-propenyl]-palladium	100	mg	03/10/2015
0001338145	68-12-2	N,N-DIMETHYLFORMAMIDE	100	ml	03/10/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001338146	68-12-2	N,N-DIMETHYLFORMAMIDE	100	ml	03/10/2015
0001279903		TAPMATIC NATURAL CUTTING FLUID	16	OZ	03/10/2015
0001279904		TAPMATIC NATURAL CUTTING FLUID	16	OZ	03/10/2015
0001279905		TAPMATIC NATURAL CUTTING FLUID	16	OZ	03/10/2015
0001280043		SILASTIC 732 RTV ADHESIVE /SEALANT	4.7	OZ	03/10/2015
0001280042		SILASTIC 732 RTV ADHESIVE /SEALANT	4.7	OZ	03/10/2015
0001338061	105333-10-6	(n5-2,4-Cyclopentadien-1-yl)[(1,2,3-n)-1-phenyl-2-propenyl]-palladium	100	mg	03/10/2015
0001338045	105333-10-6	(n5-2,4-Cyclopentadien-1-yl)[(1,2,3-n)-1-phenyl-2-propenyl]-palladium	100	mg	03/10/2015
0001280044		SILASTIC 732 RTV ADHESIVE /SEALANT	4.7	oz	03/10/2015
0001279972		CP 618 Firestop Putty Stick	1	lb	03/10/2015
0001279971		CP 618 Firestop Putty Stick	1	lb	03/10/2015
0001338039	105333-10-6	(n5-2,4-Cyclopentadien-1-yl)[(1,2,3-n)-1-phenyl-2-propenyl]-palladium	100	mg	03/10/2015
0001338040	105333-10-6	(n5-2,4-Cyclopentadien-1-yl)[(1,2,3-n)-1-phenyl-2-propenyl]-palladium	100	mg	03/10/2015
0001338041	105333-10-6	(n5-2,4-Cyclopentadien-1-yl)[(1,2,3-n)-1-phenyl-2-propenyl]-palladium	100	mg	03/10/2015
0001338042	105333-10-6	(n5-2,4-Cyclopentadien-1-yl)[(1,2,3-n)-1-phenyl-2-propenyl]-palladium	100	mg	03/10/2015
0001338054	105333-10-6	(n5-2,4-Cyclopentadien-1-yl)[(1,2,3-n)-1-phenyl-2-propenyl]-palladium	100	mg	03/10/2015
0001338044	105333-10-6	(n5-2,4-Cyclopentadien-1-yl)[(1,2,3-n)-1-phenyl-2-propenyl]-palladium	100	mg	03/10/2015
0001338053	105333-10-6	(n5-2,4-Cyclopentadien-1-yl)[(1,2,3-n)-1-phenyl-2-propenyl]-palladium	100	mg	03/10/2015
0001338046	105333-10-6	(n5-2,4-Cyclopentadien-1-yl)[(1,2,3-n)-1-phenyl-2-propenyl]-palladium	100	mg	03/10/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001338047	105333-10-6	(n5-2,4-Cyclopentadien-1-yl)[(1,2,3-n)-1-phenyl-2-propenyl]-palladium	100	mg	03/10/2015
0001338048	105333-10-6	(n5-2,4-Cyclopentadien-1-yl)[(1,2,3-n)-1-phenyl-2-propenyl]-palladium	100	mg	03/10/2015
0001338049	105333-10-6	(n5-2,4-Cyclopentadien-1-yl)[(1,2,3-n)-1-phenyl-2-propenyl]-palladium	100	mg	03/10/2015
0001338050	105333-10-6	(n5-2,4-Cyclopentadien-1-yl)[(1,2,3-n)-1-phenyl-2-propenyl]-palladium	100	mg	03/10/2015
0001338051	105333-10-6	(n5-2,4-Cyclopentadien-1-yl)[(1,2,3-n)-1-phenyl-2-propenyl]-palladium	100	mg	03/10/2015
0001280039		SILASTIC 732 RTV ADHESIVE /SEALANT	4.7	OZ	03/10/2015
0001338043	105333-10-6	(n5-2,4-Cyclopentadien-1-yl)[(1,2,3-n)-1-phenyl-2-propenyl]-palladium	100	mg	03/10/2015
0001279988		LOCTITE 262 THREADLOCKER	50	ml	03/10/2015
0001280041		SILASTIC 732 RTV ADHESIVE /SEALANT	4.7	OZ	03/10/2015
0001279981		CP 618 Firestop Putty Stick	1	lb	03/10/2015
0001279982		CP 618 Firestop Putty Stick	1	lb	03/10/2015
0001279953		VACTRA II OIL	5	gal	03/10/2015
0001279954		VACTRA II OIL	5	gal	03/10/2015
0001279955		VACTRA II OIL	5	gal	03/10/2015
0001280037		SILASTIC 732 RTV ADHESIVE /SEALANT	4.7	oz	03/10/2015
0001279979		CP 618 Firestop Putty Stick	1	lb	03/10/2015
0001338156	13478-00-7	NICKEL(II) NITRATE HEXAHYDRATE	500	gm	03/10/2015
0001279978		CP 618 Firestop Putty Stick	1	lb	03/10/2015
0001279987		LOCTITE 262 THREADLOCKER	50	ml	03/10/2015
0001279920		PROTAP CUTTING FLUID	16	oz	03/10/2015
0001279921		PROTAP CUTTING FLUID	16	OZ	03/10/2015
0001279922		PROTAP CUTTING FLUID	16	OZ	03/10/2015
0001279923		PROTAP CUTTING FLUID	16	OZ	03/10/2015
0001279924		PROTAP CUTTING FLUID	16	OZ	03/10/2015
0001279925		PROTAP CUTTING FLUID	16	OZ	03/10/2015
0001279884		KOOL MIST FORMULA #77	1	gal	03/10/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001337385		FANTASTIK ALL PURPOSE CLEANER	32	oz	03/10/2015
0001280045		SILASTIC 732 RTV ADHESIVE /SEALANT	4.7	OZ	03/10/2015
0001280038		SILASTIC 732 RTV ADHESIVE /SEALANT	4.7	OZ	03/10/2015
0001337378		FANTASTIK ALL PURPOSE CLEANER	32	OZ	03/10/2015
0001337379		FANTASTIK ALL PURPOSE CLEANER	32	OZ	03/10/2015
0001337380		FANTASTIK ALL PURPOSE CLEANER	32	OZ	03/10/2015
0001337381		FANTASTIK ALL PURPOSE CLEANER	32	OZ	03/10/2015
0001337382		FANTASTIK ALL PURPOSE CLEANER	32	OZ	03/10/2015
0001279980		CP 618 Firestop Putty Stick	1	lb	03/10/2015
0001337384		FANTASTIK ALL PURPOSE CLEANER	32	OZ	03/10/2015
0001280040		SILASTIC 732 RTV ADHESIVE /SEALANT	4.7	OZ	03/10/2015
0001337386		FANTASTIK ALL PURPOSE CLEANER	32	OZ	03/10/2015
0001337387		FANTASTIK ALL PURPOSE CLEANER	32	OZ	03/10/2015
0001337388		FANTASTIK ALL PURPOSE CLEANER	1	gal	03/10/2015
0001337389		FANTASTIK ALL PURPOSE CLEANER	1	gal	03/10/2015
0001337390		FANTASTIK ALL PURPOSE CLEANER	1	gal	03/10/2015
0001279976		CP 618 Firestop Putty Stick	1	lb	03/10/2015
0001279977		CP 618 Firestop Putty Stick	1	lb	03/10/2015
0001337383		FANTASTIK ALL PURPOSE CLEANER	32	oz	03/10/2015
0001330484		fast setting cement	50	lb	03/10/2015
0001310531		WEST R-630	573	lb	03/10/2015
0001279899		TAPMATIC NATURAL CUTTING FLUID	16	OZ	03/10/2015
0001279900		TAPMATIC NATURAL CUTTING FLUID	16	OZ	03/10/2015
0001279901		TAPMATIC NATURAL CUTTING FLUID	16	OZ	03/10/2015
0001279902		TAPMATIC NATURAL CUTTING FLUID	16	OZ	03/10/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001310516		WEST R-630	573	lb	03/10/2015
0001330487		fast setting cement	50	lb	03/10/2015
0001310517		WEST R-630	573		03/10/2015
0001330485		fast setting cement		lb	03/10/2015
0001331725	7732-18-5	Hydrochloric Acid 30-31%	3000		03/10/2015
0001330483		fast setting cement	50	ļ	03/10/2015
0001330482		fast setting cement	50		03/10/2015
0001330481		fast setting cement		lb	03/10/2015
0001330480		fast setting cement		lb	03/10/2015
0001330479		fast setting cement		lb	03/10/2015
0001330478		fast setting cement		lb	03/10/2015
0001310538		WEST R-630	573	ļ	03/10/2015
0001330486		fast setting cement		lb	03/10/2015
0001310536		WEST R-630	573		03/10/2015
0001279935		5 MINUTE EPOXY	1	_	03/10/2015
0001310533		WEST R-630	573		03/10/2015
0001337421	7761-88-8	SILVER NITRATE		gm	03/10/2015
0001337422	68-12-2	N,N-DIMETHYLFORMAMIDE	1	1	03/10/2015
0001338109		FANTASTIK ALL PURPOSE CLEANER	32	oz	03/10/2015
0001338108		FANTASTIK ALL PURPOSE CLEANER	32	OZ	03/10/2015
0001338106		FANTASTIK ALL PURPOSE CLEANER	32	OZ	03/10/2015
0001279898		TAPMATIC NATURAL CUTTING FLUID	16	OZ	03/10/2015
0001310535		WEST R-630	573	lb	03/10/2015
0001310514		WEST R-630	573	lb	03/10/2015
0001310537		WEST R-630	573	lb	03/10/2015
0001338105		FANTASTIK ALL PURPOSE CLEANER	32	oz	03/10/2015
0001338104		FANTASTIK ALL PURPOSE CLEANER	32	oz	03/10/2015
0001338103		FANTASTIK ALL PURPOSE CLEANER	32	OZ	03/10/2015
0001338102		FANTASTIK ALL PURPOSE CLEANER	32	OZ	03/10/2015
0001338101		FANTASTIK ALL PURPOSE CLEANER	32	OZ	03/10/2015
0001331724	7705-08-0	FERRIC CHLORIDE	3400	lb	03/10/2015
0001279992	Multi	Crack Check PHF Penetrant	16	OZ	03/10/2015
0001279945	Multi	Low Conductivity Antifreeze/Coolant	1	gal	03/10/2015
0001310553		WEST R-630	573	lb	03/10/2015
0001310554		WEST R-630	573	lb	03/10/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001310555		WEST R-630	573		03/10/2015
0001310556		WEST R-630	573		03/10/2015
0001310557		WEST R-630	573		03/10/2015
0001310558		WEST R-630	573		03/10/2015
0001279968		SIMPLE GREEN		OZ	03/10/2015
0001338063		HYDRANAL COULMAT	500		03/10/2015
0001279970		SIMPLE GREEN	24	OZ	03/10/2015
0001337427	67-63-0	ISOPROPANOL, ANHYDROUS	1	I	03/10/2015
0001279946	Multi	Low Conductivity Antifreeze/Coolant	1	gal	03/10/2015
0001279947	Multi	Low Conductivity Antifreeze/Coolant	1	gal	03/10/2015
0001279948	Multi	Low Conductivity Antifreeze/Coolant	1	gal	03/10/2015
0001279949	Multi	Low Conductivity Antifreeze/Coolant	1	gal	03/10/2015
0001279950	Multi	Low Conductivity Antifreeze/Coolant	1	gal	03/10/2015
0001279951	Multi	Low Conductivity Antifreeze/Coolant	1	gal	03/10/2015
0001279952	Multi	Low Conductivity Antifreeze/Coolant	1	gal	03/10/2015
0001279969		SIMPLE GREEN	24	OZ	03/10/2015
0001330477		fast setting cement	50	lb	03/10/2015
0001279897		TAPMATIC NATURAL CUTTING FLUID	16	oz	03/10/2015
0001279967		SIMPLE GREEN	24	OZ	03/10/2015
0001330471	65997-15-1	PORTLAND CEMENT	90	lb	03/10/2015
0001330472	65997-15-1	PORTLAND CEMENT	90	lb	03/10/2015
0001330473		fast setting cement		lb	03/10/2015
0001330474		fast setting cement		lb	03/10/2015
0001330475		fast setting cement		lb	03/10/2015
0001310552		WEST R-630	573	lb	03/10/2015
0001337423	68-12-2	N,N-DIMETHYLFORMAMIDE	1	I	03/10/2015
0001337428	67-63-0	ISOPROPANOL, ANHYDROUS	1	ı	03/10/2015
0001337424	68-12-2	N,N-DIMETHYLFORMAMIDE	1	I	03/10/2015
0001337425	10377-51-2	LITHIUM IODIDE	50	gm	03/10/2015
0001338100		FANTASTIK ALL PURPOSE CLEANER	32	OZ	03/10/2015
0001338096		FANTASTIK ALL PURPOSE CLEANER	32	OZ	03/10/2015
0001337366	75-05-8	ACETONITRILE	100	ml	03/10/2015
0001337367	106-89-8	EPICHLOROHYDRIN	100	ml	03/10/2015

			Container	Unit of	
Barcode	CAS#	Chemical Name	Size	Measure	Date
0001337426	10377-51-2	LITHIUM IODIDE	50	gm	03/10/2015
0001310515		WEST R-630	573	lb	03/10/2015
0001330476		fast setting cement	50		03/10/2015
0001330470	65997-15-1	PORTLAND CEMENT	90	lb	03/10/2015
0001310532		WEST R-630	573	lb	03/10/2015
0001279991	Multi	Crack Check PHF Penetrant	16	OZ	03/10/2015
0001280005		KROIL	10	oz	03/10/2015
0001280004		KROIL	10	OZ	03/10/2015
0001280015		SIMPLE GREEN	24	OZ	03/10/2015
0001280014		SIMPLE GREEN	24	oz	03/10/2015
0001280013		SIMPLE GREEN	24	OZ	03/10/2015
0001338130		FANTASTIK ALL PURPOSE CLEANER	32	OZ	03/10/2015
0001280011		SIMPLE GREEN	24	OZ	03/10/2015
0001338131		FANTASTIK ALL PURPOSE CLEANER	32	oz	03/10/2015
0001337440	584-08-7	POTASSIUM CARBONATE	500	gm	03/10/2015
0001337439	7647-14-5	SODIUM CHLORIDE	500	gm	03/10/2015
0001337438	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE) (25 X 1 ML)	2.5	I	03/10/2015
0001337437	7664-93-9	SULFURIC ACID	2.5	I	03/10/2015
0001337436	7664-93-9	SULFURIC ACID	2.5	1	03/10/2015
0001337435	7664-93-9	SULFURIC ACID	2.5	I	03/10/2015
0001337434	7664-93-9	SULFURIC ACID	2.5	I	03/10/2015
0001280012		SIMPLE GREEN	24	oz	03/10/2015
0001337361	7697-37-2	NITRIC ACID, TRACEMETAL	500	ml	03/10/2015
0001310543		WEST R-630	573		03/10/2015
0001310542		WEST R-630	573	lb	03/10/2015
0001310541		WEST R-630	573	lb	03/10/2015
0001310540		WEST R-630	573	lb	03/10/2015
0001310539		WEST R-630	573	lb	03/10/2015
0001337365	7697-37-2	NITRIC ACID, TRACEMETAL	500	ml	03/10/2015
0001337364	7697-37-2	NITRIC ACID, TRACEMETAL	500	ml	03/10/2015
0001338129		FANTASTIK ALL PURPOSE CLEANER	32	oz	03/10/2015
0001337362	7697-37-2	NITRIC ACID, TRACEMETAL	500	ml	03/10/2015
0001337431	7681-57-4	SODIUM METABISULFITE	10000	gm	03/10/2015
0001337360	3264-82-2	NICKEL(II)ACETATE	25	gm	03/10/2015
0001338137		FANTASTIK ALL PURPOSE CLEANER	32	OZ	03/10/2015
0001338136		FANTASTIK ALL PURPOSE CLEANER	32	oz	03/10/2015
0001338135		FANTASTIK ALL PURPOSE CLEANER	32	OZ	03/10/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001338134		FANTASTIK ALL PURPOSE CLEANER	32	OZ	03/10/2015
0001338133		FANTASTIK ALL PURPOSE CLEANER	32	OZ	03/10/2015
0001338132		FANTASTIK ALL PURPOSE CLEANER	32	OZ	03/10/2015
0001337363	7697-37-2	NITRIC ACID, TRACEMETAL	500	ml	03/10/2015
0001338138		FANTASTIK ALL PURPOSE CLEANER	32	oz	03/10/2015
0001338126		FANTASTIK ALL PURPOSE CLEANER	32	OZ	03/10/2015
0001279994	Multi	Crack Check DF Developer	16	OZ	03/10/2015
0001279995	Multi	Crack Check DF Developer	16	OZ	03/10/2015
0001280056		SILASTIC 732 RTV ADHESIVE /SEALANT	4.7	OZ	03/10/2015
0001337419	67-63-0	2-PROPANOL	4	I	03/10/2015
0001338142		FANTASTIK ALL PURPOSE CLEANER	32	OZ	03/10/2015
0001338141		FANTASTIK ALL PURPOSE CLEANER	32	OZ	03/10/2015
0001337433	7664-93-9	SULFURIC ACID	2.5	I	03/10/2015
0001338139		FANTASTIK ALL PURPOSE CLEANER	32	OZ	03/10/2015
0001338123		FANTASTIK ALL PURPOSE CLEANER	32	OZ	03/10/2015
0001279993	Multi	Crack Check PHF Penetrant	16	OZ	03/10/2015
0001279931		KOOL MIST FORMULA #77	1	qt	03/10/2015
0001279932		KOOL MIST FORMULA #77	1	qt	03/10/2015
0001279933		KOOL MIST FORMULA #77	1	qt	03/10/2015
0001279934		KOOL MIST FORMULA #77	1	qt	03/10/2015
0001279895		TAPMATIC NATURAL CUTTING FLUID	16	oz	03/10/2015
0001279896		TAPMATIC NATURAL CUTTING FLUID	16	OZ	03/10/2015
0001338140		FANTASTIK ALL PURPOSE CLEANER	32	OZ	03/10/2015
0001279963		SIMPLE GREEN	24	OZ	03/10/2015
0001310534		WEST R-630	573	lb	03/10/2015
0001337430	7681-57-4	SODIUM METABISULFITE	10000	gm	03/10/2015
0001337429	7681-57-4	SODIUM METABISULFITE	10000	gm	03/10/2015
0001337420		BLOCKING AGENT	50	gm	03/10/2015
0001310559		WEST R-630	573	lb	03/10/2015
0001279959		SIMPLE GREEN	24	OZ	03/10/2015
0001279960		SIMPLE GREEN	24	OZ	03/10/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001338125		FANTASTIK ALL PURPOSE CLEANER	32	OZ	03/10/2015
0001279962		SIMPLE GREEN	24	OZ	03/10/2015
0001338124		FANTASTIK ALL PURPOSE CLEANER	32	oz	03/10/2015
0001279964		SIMPLE GREEN	24	OZ	03/10/2015
0001279965		SIMPLE GREEN	24	OZ	03/10/2015
0001279966		SIMPLE GREEN	24	oz	03/10/2015
0001338119		FANTASTIK ALL PURPOSE CLEANER	32	OZ	03/10/2015
0001338120		FANTASTIK ALL PURPOSE CLEANER	32	oz	03/10/2015
0001338121		FANTASTIK ALL PURPOSE CLEANER	32	OZ	03/10/2015
0001338122		FANTASTIK ALL PURPOSE CLEANER	32	OZ	03/10/2015
0001337432	7664-93-9	SULFURIC ACID	2.5	l	03/10/2015
0001279961		SIMPLE GREEN	24	OZ	03/10/2015
0001280063		SILASTIC 732 RTV ADHESIVE /SEALANT	4.7	oz	03/10/2015
0001280068		SILASTIC 732 RTV ADHESIVE /SEALANT	4.7	OZ	03/10/2015
0001280053		SILASTIC 732 RTV ADHESIVE /SEALANT	4.7	OZ	03/10/2015
0001280067		SILASTIC 732 RTV ADHESIVE /SEALANT	4.7	OZ	03/10/2015
0001280066		SILASTIC 732 RTV ADHESIVE /SEALANT	4.7	OZ	03/10/2015
0001280065		SILASTIC 732 RTV ADHESIVE /SEALANT	4.7	OZ	03/10/2015
0001338118		FANTASTIK ALL PURPOSE CLEANER	32	OZ	03/10/2015
0001280064		SILASTIC 732 RTV ADHESIVE /SEALANT	4.7	OZ	03/10/2015
0001338077	584-13-4	4-AMINO-1,2,4-TRIAZOLE	100	gm	03/10/2015
0001338076	584-13-4	4-AMINO-1,2,4-TRIAZOLE	100	gm	03/10/2015
0001280062		SILASTIC 732 RTV ADHESIVE /SEALANT	4.7	OZ	03/10/2015
0001338116		FANTASTIK ALL PURPOSE CLEANER	32	OZ	03/10/2015
0001338079		1X Tris EDTA Solution	100	ml	03/10/2015
0001310544		WEST R-630	573	lb	03/10/2015
0001310545		WEST R-630	573	lb	03/10/2015
0001310546		WEST R-630	573	lb	03/10/2015
0001279975		CP 618 Firestop Putty Stick	1	lb	03/10/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001310547		WEST R-630	573		03/10/2015
0001310548		WEST R-630	573		03/10/2015
0001310549		WEST R-630	573		03/10/2015
0001310550		WEST R-630	573		03/10/2015
0001310551		WEST R-630	573		03/10/2015
0001338075	584-13-4	4-AMINO-1,2,4-TRIAZOLE	100	gm	03/10/2015
0001338117		FANTASTIK ALL PURPOSE CLEANER	32	oz	03/10/2015
0001279877		LOCTITE 9394	50	ml	03/10/2015
0001279936		5 MINUTE EPOXY	1	OZ	03/10/2015
0001338107		FANTASTIK ALL PURPOSE CLEANER	32	oz	03/10/2015
0001338071		CONDUCTIVITY STANDARD	60	ml	03/10/2015
0001338070		CONDUCTIVITY STANDARD	60	ml	03/10/2015
0001280071		SILASTIC 732 RTV ADHESIVE /SEALANT	4.7	oz	03/10/2015
0001280070		SILASTIC 732 RTV ADHESIVE /SEALANT	4.7	OZ	03/10/2015
0001280054		SILASTIC 732 RTV ADHESIVE /SEALANT	4.7	OZ	03/10/2015
0001280055		SILASTIC 732 RTV ADHESIVE /SEALANT	4.7	OZ	03/10/2015
0001279880		LOCTITE 9394	50	ml	03/10/2015
0001279879		LOCTITE 9394	50	ml	03/10/2015
0001338074	7440-46-2	CESIUM 99.98% (METAL BASIS)	25	gm	03/10/2015
0001279878		LOCTITE 9394	50	ml	03/10/2015
0001338078	584-13-4	4-AMINO-1,2,4-TRIAZOLE	100	gm	03/10/2015
0001279894		WD-40 SMART STRAW	11	oz	03/10/2015
0001279893		WD-40 SMART STRAW	11	oz	03/10/2015
0001279892		WD-40 SMART STRAW	11	OZ	03/10/2015
0001279891		WD-40 SMART STRAW	11	OZ	03/10/2015
0001279890		WD-40 SMART STRAW	11	OZ	03/10/2015
0001338072	7440-46-2	CESIUM 99.98% (METAL BASIS)	25	gm	03/10/2015
0001279888		WD-40 SMART STRAW	11	OZ	03/10/2015
0001338073	7440-46-2	CESIUM 99.98% (METAL BASIS)	25	gm	03/10/2015
0001338143		BORON METAL	40	gm	03/10/2015
0001279887		WD-40 SMART STRAW		OZ	03/10/2015
0001280069		SILASTIC 732 RTV ADHESIVE /SEALANT	4.7	OZ	03/10/2015
0001280032		HIT-RE 500 SD	11.1	OZ	03/10/2015
0001337371	1066-54-2	TRIMETHYLSILYLACETYLENE 98%	5	gm	03/10/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001338114		FANTASTIK ALL PURPOSE CLEANER	32	OZ	03/10/2015
0001338113		FANTASTIK ALL PURPOSE CLEANER	32	oz	03/10/2015
0001337372	56-75-7	CHLORAMPHENICOL	25	ml	03/10/2015
0001338112		FANTASTIK ALL PURPOSE CLEANER	32	oz	03/10/2015
0001338111		FANTASTIK ALL PURPOSE CLEANER	32	OZ	03/10/2015
0001338110		FANTASTIK ALL PURPOSE CLEANER	32	OZ	03/10/2015
0001337373	56-75-7	CHLORAMPHENICOL	25	ml	03/10/2015
0001280059		SILASTIC 732 RTV ADHESIVE /SEALANT	4.7	oz	03/10/2015
0001280031		HIT-RE 500 SD	11.1	OZ	03/10/2015
0001280035		HIT-RE 500 SD	11.1	OZ	03/10/2015
0001280033		HIT-RE 500 SD	11.1	OZ	03/10/2015
0001280034		HIT-RE 500 SD	11.1	OZ	03/10/2015
0001280036		HIT-RE 500 SD	11.1	OZ	03/10/2015
0001337376		FANTASTIK ALL PURPOSE CLEANER	32	oz	03/10/2015
0001337377		FANTASTIK ALL PURPOSE CLEANER	32	OZ	03/10/2015
0001280058		SILASTIC 732 RTV ADHESIVE /SEALANT	4.7	OZ	03/10/2015
0001280057		SILASTIC 732 RTV ADHESIVE /SEALANT	4.7	OZ	03/10/2015
0001279889		WD-40 SMART STRAW	11	OZ	03/10/2015
0001337374	56-75-7	CHLORAMPHENICOL	25	ml	03/10/2015
0001338037	105333-10-6	(n5-2,4-Cyclopentadien-1-yl)[(1,2,3-n)-1-phenyl-2-propenyl]-palladium	100	mg	03/10/2015
0001337375	56-75-7	CHLORAMPHENICOL	25	ml	03/10/2015
0001280060		SILASTIC 732 RTV ADHESIVE /SEALANT	4.7	OZ	03/10/2015
0001279974		CP 618 Firestop Putty Stick	1	lb	03/10/2015
0001279973		CP 618 Firestop Putty Stick	1	lb	03/10/2015
0001337368	919-30-2	3-AMINOPROPYLTRIETHOXYSILANE	100	gm	03/10/2015
0001338038	105333-10-6	(n5-2,4-Cyclopentadien-1-yl)[(1,2,3-n)-1-phenyl-2-propenyl]-palladium	100	mg	03/10/2015
0001279937		5 MINUTE EPOXY	1	OZ	03/10/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001338036	105333-10-6	(n5-2,4-Cyclopentadien-1-yl)[(1,2,3-n)-1-phenyl-2-propenyl]-palladium	100	mg	03/10/2015
0001338035	105333-10-6	(n5-2,4-Cyclopentadien-1-yl)[(1,2,3-n)-1-phenyl-2-propenyl]-palladium	100	mg	03/10/2015
0001338115		FANTASTIK ALL PURPOSE CLEANER	32	OZ	03/10/2015
0001280061		SILASTIC 732 RTV ADHESIVE /SEALANT	4.7	OZ	03/10/2015
0001337370	128-09-6	N-CHLOROSUCCINIMIDE	100	gm	03/10/2015
0001337369	112-04-9	OCTADECYLTRICHLOROSILANE	25	gm	03/10/2015
0001337391		FANTASTIK ALL PURPOSE CLEANER	1	gal	03/10/2015
0001337413	1878-68-8	4-Bromophenylacetic acid	100	gm	03/10/2015
0001337400		FANTASTIK ALL PURPOSE CLEANER	1	gal	03/10/2015
0001337401		FANTASTIK ALL PURPOSE CLEANER	1	gal	03/10/2015
0001337402		FANTASTIK ALL PURPOSE CLEANER	1	gal	03/10/2015
0001337403		FANTASTIK ALL PURPOSE CLEANER	1	gal	03/10/2015
0001337404	583-55-1	1-BROMO-2-IODOBENZENE	5	gm	03/10/2015
0001337399		FANTASTIK ALL PURPOSE CLEANER	1	gal	03/10/2015
0001337405	177171-16-3	3-(Trimethylsilyl)phenylboronic acid	5	gm	03/10/2015
0001337392		FANTASTIK ALL PURPOSE CLEANER	1	gal	03/10/2015
0001337407	13778-31-9	COPPER (II) NITRATE HYDRATE	5	gm	03/10/2015
0001337409	9001-41-6	PHOSPHOGLUCOSE ISOMERASE	5	kg	03/10/2015
0001337395		FANTASTIK ALL PURPOSE CLEANER	1	gal	03/10/2015
0001337394		FANTASTIK ALL PURPOSE CLEANER	1	gal	03/10/2015
0001337393		FANTASTIK ALL PURPOSE CLEANER	1	gal	03/10/2015
0001337406	626-39-1	1,3,5-TRIBROMOBENZENE	25	gm	03/10/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001338023	105333-10-6	(n5-2,4-Cyclopentadien-1-yl)[(1,2,3-n)-1-phenyl-2-propenyl]-palladium	100	mg	03/10/2015
0001337398		FANTASTIK ALL PURPOSE CLEANER	1	gal	03/10/2015
0001337397		FANTASTIK ALL PURPOSE CLEANER	1	gal	03/10/2015
0001337396		FANTASTIK ALL PURPOSE CLEANER	1	gal	03/10/2015
0001338025	105333-10-6	(n5-2,4-Cyclopentadien-1-yl)[(1,2,3-n)-1-phenyl-2-propenyl]-palladium	100	mg	03/10/2015
0001337408		RAPAMYCIN	200	ul	03/10/2015
0001338024	105333-10-6	(n5-2,4-Cyclopentadien-1-yl)[(1,2,3-n)-1-phenyl-2-propenyl]-palladium	100	mg	03/10/2015
0001337412	100-51-6	BENZYL ALCOHOL	100	gm	03/10/2015
0001337418	1116-76-3	TRIOCTYLAMINE	100		03/10/2015
0001337417	598-54-9	COPPER (I) ACETATE	10	gm	03/10/2015
0001337416	95-50-1	1,2-DICHLOROBENZENE	100		03/10/2015
0001337415	95-50-1	1,2-DICHLOROBENZENE	100	ml	03/10/2015
0001337414	603-35-0	TRIPHENYLPHOSPHINE	25	gm	03/10/2015
0001337411	1306-38-3	CERIUM OXIDE		kg	03/10/2015
0001337410	24544-04-5	2,6-DIISOPROPYLANILINE		gm	03/10/2015
0001360579	7727-37-9	NITROGEN ULTRA HIGH PURITY	220		03/11/2015
0001337442		MINIMUM ESSENTIAL MEDIUM EAGLE WITH EARL'S SALTS AND NON-ESS	1000	ml	03/11/2015
0001360633		ARGON 90% METHANE 10%	220	cf	03/11/2015
0001360632		ARGON 90% METHANE 10%	220	cf	03/11/2015
0001360596		6% HYDROGEN BALANCE ARGON	220	cf	03/11/2015
0001360597		6% HYDROGEN BALANCE ARGON	220	cf	03/11/2015
0001360600		6% HYDROGEN BALANCE ARGON	220	cf	03/11/2015
0001360599		6% HYDROGEN BALANCE ARGON	220	cf	03/11/2015
0001360602		6% HYDROGEN BALANCE ARGON	220	cf	03/11/2015
0001360657	74-98-6	PROPANE	11	gal	03/11/2015
0001360580	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/11/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001360606		6% HYDROGEN BALANCE ARGON	220	cf	03/11/2015
0001310565		MARKING PAINT, WHITE	17	OZ	03/11/2015
0001360601		6% HYDROGEN BALANCE ARGON	220	cf	03/11/2015
0001360605		6% HYDROGEN BALANCE ARGON	220	cf	03/11/2015
0001360604		6% HYDROGEN BALANCE ARGON	220	cf	03/11/2015
0001360603		6% HYDROGEN BALANCE ARGON	220	cf	03/11/2015
0001360598		6% HYDROGEN BALANCE ARGON	220	cf	03/11/2015
0001360635		ARGON 90% METHANE 10%	220	cf	03/11/2015
0001360592		6% HYDROGEN BALANCE ARGON	220	cf	03/11/2015
0001360591	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/11/2015
0001360590	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/11/2015
0001360589	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/11/2015
0001360636		ARGON 90% METHANE 10%	220	cf	03/11/2015
0001360588	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/11/2015
0001360561	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	03/11/2015
0001310567		MARKING PAINT, WHITE	17	OZ	03/11/2015
0001360593		6% HYDROGEN BALANCE ARGON	220	cf	03/11/2015
0001310573		MARKING PAINT, WHITE	17	OZ	03/11/2015
0001360634		ARGON 90% METHANE 10%	220	cf	03/11/2015
0001310566		MARKING PAINT, WHITE		OZ	03/11/2015
0001310568		MARKING PAINT, WHITE		OZ	03/11/2015
0001310569		MARKING PAINT, WHITE		OZ	03/11/2015
0001310570		MARKING PAINT, WHITE		OZ	03/11/2015
0001310571		MARKING PAINT, WHITE		OZ	03/11/2015
0001310572 0001360658	74-86-2	MARKING PAINT, WHITE ACETYLENE	130	OZ cf	03/11/2015 03/11/2015
0001360581	7727-37-9	NITROGEN ULTRA HIGH PURITY	220		03/11/2015
0001360563	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	03/11/2015
0001360565	7440-37-1	ARGON ULTRA HIGH PURITY	220		03/11/2015
0001360555	7440-37-1	ARGON ULTRA HIGH PURITY	220		03/11/2015
0001360659	74-86-2	ACETYLENE	130		03/11/2015
0001360660	74-86-2	ACETYLENE	130		03/11/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001360526		CALIBRATION GAS	58	I	03/11/2015
0001360525		CALIBRATION GAS	58	I	03/11/2015
0001360558	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	03/11/2015
0001360630		ARGON 90% METHANE 10%	220		03/11/2015
0001360559	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	03/11/2015
0001360582	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/11/2015
0001360583	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/11/2015
0001360584	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/11/2015
0001360585	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/11/2015
0001360586	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/11/2015
0001360607		ARGON 90% METHANE 10%	220	cf	03/11/2015
0001360594		6% HYDROGEN BALANCE ARGON	220	cf	03/11/2015
0001360631		ARGON 90% METHANE 10%	220	cf	03/11/2015
0001360568	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/11/2015
0001360577	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/11/2015
0001360576	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/11/2015
0001360575	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/11/2015
0001360574	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/11/2015
0001360573	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/11/2015
0001360572	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/11/2015
0001360571	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/11/2015
0001360557	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	03/11/2015
0001360569	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/11/2015
0001360578	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/11/2015
0001360567	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/11/2015
0001360566	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/11/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001360565	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/11/2015
0001360564	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	03/11/2015
0001360562	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	03/11/2015
0001360587	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/11/2015
0001360560	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	03/11/2015
0001360570	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/11/2015
0001360611		ARGON 90% METHANE 10%	220	cf	03/11/2015
0001360530		CALIBRATION GAS	58	I	03/11/2015
0001360531		CALIBRATION GAS	58	I	03/11/2015
0001360532		CALIBRATION GAS	58	I	03/11/2015
0001360551	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	03/11/2015
0001360549	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	03/11/2015
0001360621		ARGON 90% METHANE 10%	220	cf	03/11/2015
0001360620		ARGON 90% METHANE 10%	220	cf	03/11/2015
0001360619		ARGON 90% METHANE 10%	220	cf	03/11/2015
0001360608		ARGON 90% METHANE 10%	220	cf	03/11/2015
0001360609		ARGON 90% METHANE 10%	220	cf	03/11/2015
0001360610		ARGON 90% METHANE 10%	220	cf	03/11/2015
0001360550	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	03/11/2015
0001360595		6% HYDROGEN BALANCE ARGON	220	cf	03/11/2015
0001360537	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	03/11/2015
0001360612		ARGON 90% METHANE 10%	220		03/11/2015
0001360613		ARGON 90% METHANE 10%	220	cf	03/11/2015
0001360614		ARGON 90% METHANE 10%	220		03/11/2015
0001360554	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	03/11/2015
0001360615		ARGON 90% METHANE 10%	220		03/11/2015
0001360616		ARGON 90% METHANE 10%	220	cf	03/11/2015
0001360553	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	03/11/2015
0001360552	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	03/11/2015
0001360617		ARGON 90% METHANE 10%	220	cf	03/11/2015
0001360618		ARGON 90% METHANE 10%	220	cf	03/11/2015
0001360540	7440-37-1	ARGON ULTRA HIGH PURITY	220		03/11/2015
0001337441		MINIMUM ESSENTIAL MEDIUM EAGLE WITH EARL'S SALTS AND NON-ESS	1000	ml	03/11/2015
0001360624		ARGON 90% METHANE 10%	220	cf	03/11/2015
0001360629		ARGON 90% METHANE 10%	220		03/11/2015
0001360541	7440-37-1	ARGON ULTRA HIGH PURITY	220		03/11/2015
0001310564	1	MARKING PAINT, WHITE		OZ	03/11/2015
0001310563	1	MARKING PAINT, WHITE		OZ	03/11/2015
0001310562	1	MARKING PAINT, WHITE		OZ	03/11/2015

Barcode	CAS#	Chemical Name	Container	Unit of	Date
			Size	Measure	
0001360527		CALIBRATION GAS	58		03/11/2015
0001360542	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	03/11/2015
0001360533	Multi	1000 PPM Hydrogen/Bal. Helium	220	cf	03/11/2015
0001360543	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	03/11/2015
0001360534		2% HYDROGEN/BAL. ARGON	80	cf	03/11/2015
0001360535	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	03/11/2015
0001360529		CALIBRATION GAS	58	1	03/11/2015
0001360623		ARGON 90% METHANE 10%	220	cf	03/11/2015
0001360536	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	03/11/2015
0001360625		ARGON 90% METHANE 10%	220	cf	03/11/2015
0001360626		ARGON 90% METHANE 10%	220		03/11/2015
0001360627		ARGON 90% METHANE 10%	220		03/11/2015
0001360544	7440-37-1	ARGON ULTRA HIGH PURITY	220		03/11/2015
0001360545	7440-37-1	ARGON ULTRA HIGH PURITY	220		03/11/2015
0001360546	7440-37-1	ARGON ULTRA HIGH PURITY	220		03/11/2015
0001360547	7440-37-1	ARGON ULTRA HIGH PURITY	220		03/11/2015
0001360628	7440 37 1	ARGON 90% METHANE 10%	220		03/11/2015
0001300028	7440-37-1	ARGON ULTRA HIGH PURITY	220		03/11/2015
0001360539	7440-37-1	CALIBRATION GAS	58		
0001360528	7440-37-1	ARGON ULTRA HIGH PURITY	220		03/11/2015
			220		03/11/2015
0001360548	7440-37-1	ARGON ULTRA HIGH PURITY			03/11/2015
0001360622	74.00.6	ARGON 90% METHANE 10%	220		03/11/2015
0001360655	74-98-6	PROPANE		gal	03/11/2015
0001360654	74-98-6	PROPANE		gal	03/11/2015
0001360653	74-98-6	PROPANE		gal	03/11/2015
0001360640		ARGON 90% METHANE 10%	220	1	03/11/2015
0001360656	74-98-6	PROPANE		gal	03/11/2015
0001360652	74-98-6	PROPANE		gal	03/11/2015
0001360651		ARGON 90% METHANE 10%	220		03/11/2015
0001360650		ARGON 90% METHANE 10%	220		03/11/2015
0001360649		ARGON 90% METHANE 10%	220	cf	03/11/2015
0001360648		ARGON 90% METHANE 10%	220	cf	03/11/2015
0001360647		ARGON 90% METHANE 10%	220	cf	03/11/2015
0001360646		ARGON 90% METHANE 10%	220	cf	03/11/2015
0001360645		ARGON 90% METHANE 10%	220	cf	03/11/2015
0001360641		ARGON 90% METHANE 10%	220	cf	03/11/2015
0001360644		ARGON 90% METHANE 10%	220	cf	03/11/2015
0001360639		ARGON 90% METHANE 10%	220		03/11/2015
0001360638		ARGON 90% METHANE 10%	220		03/11/2015
0001360637		ARGON 90% METHANE 10%	220		03/11/2015
0001360643		ARGON 90% METHANE 10%	220		03/11/2015
0001360642		ARGON 90% METHANE 10%	220		03/11/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001337531		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337530		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337828		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337829		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337732		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337731		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337730		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337729		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337728		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337727		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337827		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337594		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337809		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337591		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337592		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337593		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337965		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337964		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337453		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337968		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337451		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337807		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001337815		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337814		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337813		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337812		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337811		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337810		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337450		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337452		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337967		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337969		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337733		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337840		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337826		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337825		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337824		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337823		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337590		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337821		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337808		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337966		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337719		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337718		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001337717		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337716		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337715		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337806		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337532		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337822		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337661		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337654		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337664		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337663		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337662		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337723		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337722		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337528		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337721		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337660		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337659		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337658		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337657		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337656		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337838		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337529		THOMAS ANTIFOAM SPRAY 80Z	8	oz	03/12/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001337672		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337667		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337459		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337460		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337461		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337669		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337665		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337671		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337653		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337673		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337458		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337457		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337456		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337455		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337454		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337670		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337834		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337655		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337839		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337666		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337837		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337836		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001337993		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337720		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337521		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337833		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337832		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337831		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337830		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337449		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337992		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337835		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337726		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337652		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337651		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337991		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337990		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337989		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337668		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337725		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337689		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337527		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337526		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337525		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001337524		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337523		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337522		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337724		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337915		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001338158		BUFFER PH 10 (BLUE BUFFER)	500	ml	03/12/2015
0001338159		BUFFER PH 10 (BLUE BUFFER)	500	ml	03/12/2015
0001338160		BUFFER PH 10 (BLUE BUFFER)	500	ml	03/12/2015
0001338161		BUFFER PH 10 (BLUE BUFFER)	500	ml	03/12/2015
0001338162		BUFFER PH 10 (BLUE BUFFER)	500	ml	03/12/2015
0001338163		BUFFER PH 10 (BLUE BUFFER)	500	ml	03/12/2015
0001337674		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337918		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337949		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337916		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001338021		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337914		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337913		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337912		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337911		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337910		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337909		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001337908		THOMAS ANTIFOAM SPRAY 80Z	8	oz	03/12/2015
0001337466		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337467		THOMAS ANTIFOAM SPRAY 80Z	8	oz	03/12/2015
0001337917		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337978		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001338090	67-63-0	ISOPROPANOL (2-PROPANOL)	2.5	I	03/12/2015
0001337947		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337946		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337945		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337944		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337943		THOMAS ANTIFOAM SPRAY 80Z	8	oz	03/12/2015
0001337942		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337857		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337856		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001338157	7664-93-9	SULFURIC ACID	2.5	I	03/12/2015
0001337977		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001338080	13689-19-5	TRICYCLOHEXYLPHOSPHINE OXIDE	1	gm	03/12/2015
0001338013		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001338014		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001338015		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001338016		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001338017		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001338018		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001338019		THOMAS ANTIFOAM SPRAY 80Z	8	oz	03/12/2015
0001338020		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337470		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337855		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001330497		100% SILICONE RUBBER SEALANT	9.8	OZ	03/12/2015
0001337468		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337494		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001338164	7732-18-5	WATER	1	1	03/12/2015
0001338165	1310-58-3	POTASSIUM HYDROXIDE	500	gm	03/12/2015
0001266316		DURIMIDE		kg	03/12/2015
0001310579		BRAKLEEN		OZ	03/12/2015
0001338089	7782-61-8	IRON(III) NITRATE NONAHYDRATE	250	gm	03/12/2015
0001330499		fast setting cement	50	lb	03/12/2015
0001330500		fast setting cement	50	lb	03/12/2015
0001337492		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001330496		ALEX PLUS	10.1	OZ	03/12/2015
0001337491		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001330489		8200 ESD EPOXY ADHESIVE PART A	50	lb	03/12/2015
0001330490		8200 ESD EPOXY ADHESIVE PART A	50	lb	03/12/2015
0001330491		8200 ESD EPOXY ADHESIVE PART A	50	lb	03/12/2015
0001337996		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337907		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337995		THOMAS ANTIFOAM SPRAY 80Z	8	oz	03/12/2015
0001337994		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337979		THOMAS ANTIFOAM SPRAY 80Z	8	oz	03/12/2015
0001337980		THOMAS ANTIFOAM SPRAY 80Z	8	oz	03/12/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001330495		ALEX PLUS	10.1	OZ	03/12/2015
0001337481		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337950		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337471		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337472		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337473		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337474		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337475		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337476		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337477		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337478		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337493		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337480		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337469		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337482		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337483		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337484		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337485		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337486		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337487		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337488		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337489		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337490		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001337479		THOMAS ANTIFOAM SPRAY 80Z	8	oz	03/12/2015
0001330506		fast setting cement	50	lb	03/12/2015
0001337465		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001310580		STARTING FLUID FOR DIESEL AND GASOLINE ENGINES	10.7	oz	03/12/2015
0001337587		THOMAS ANTIFOAM SPRAY 80Z	8	oz	03/12/2015
0001330513		fast setting cement	50	lb	03/12/2015
0001330512		fast setting cement	50	lb	03/12/2015
0001330511		fast setting cement	50	lb	03/12/2015
0001330510		fast setting cement	50	lb	03/12/2015
0001330509		fast setting cement	50	lb	03/12/2015
0001337948		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001330507		fast setting cement	50	lb	03/12/2015
0001337462		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001330505		fast setting cement	50	lb	03/12/2015
0001330504		fast setting cement	50	lb	03/12/2015
0001330503		fast setting cement	50	lb	03/12/2015
0001330502		fast setting cement	50	lb	03/12/2015
0001330501		fast setting cement	50	lb	03/12/2015
0001337443	Multi	PLATINUM CYCLOVINYLMETHYL SILOXANE COMPLEX	25	gm	03/12/2015
0001337854		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337853		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337852		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001330508		fast setting cement	50	lb	03/12/2015
0001337683		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337447		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337446	944392-68-1	3,5-Bis(methoxycarbonyl)phenylboronic acid pinacol ester	1	gm	03/12/2015
0001337734		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337735		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001337736		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337737		THOMAS ANTIFOAM SPRAY 80Z	8	oz	03/12/2015
0001337688		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337687		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337686		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337464		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337684		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337463		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337682		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337681		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337680		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337679		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337678		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337677		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337676		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337675		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337849		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337685		THOMAS ANTIFOAM SPRAY 80Z	8	oz	03/12/2015
0001310589		MULTI-PURPOSE GREASE	12	OZ	03/12/2015
0001337851		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337699		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337698		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337697		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001337696		THOMAS ANTIFOAM SPRAY 80Z	8	oz	03/12/2015
0001337695		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337535		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337534		THOMAS ANTIFOAM SPRAY 80Z	8	oz	03/12/2015
0001330498		KWIK FOAM	12	OZ	03/12/2015
0001337536		THOMAS ANTIFOAM SPRAY 80Z	8	oz	03/12/2015
0001310588		MULTI-PURPOSE GREASE	12	OZ	03/12/2015
0001337537		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001310590		MULTI-PURPOSE GREASE	12	OZ	03/12/2015
0001310591		POWER STEERING FLUID	1	OZ	03/12/2015
0001310592		WASHER FLUID	1	gal	03/12/2015
0001338166	23746-81-8	2-(2-Naphthyl)indole	5	gm	03/12/2015
0001337976		THOMAS ANTIFOAM SPRAY 80Z	8	oz	03/12/2015
0001337932		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337931		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337930		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337951		THOMAS ANTIFOAM SPRAY 80Z	8	oz	03/12/2015
0001310587		MULTI-PURPOSE GREASE	12	OZ	03/12/2015
0001337692		THOMAS ANTIFOAM SPRAY 80Z	8	oz	03/12/2015
0001337448		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337848		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337847		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337846		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337845		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337844		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337843		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001337842		THOMAS ANTIFOAM SPRAY 8OZ	8	oz	03/12/2015
0001337841		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337700		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337691		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337850		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337693		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337694		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337544		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337543		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337542		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337541		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337540		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337539		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337538		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337690		THOMAS ANTIFOAM SPRAY 80Z	8	oz	03/12/2015
0001310595		ANTIFREEZE	1	gal	03/12/2015
0001337760		THOMAS ANTIFOAM SPRAY 80Z	8	oz	03/12/2015
0001337988		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001310581		CARB AND CHOKE CLEANER	13	OZ	03/12/2015
0001337981		THOMAS ANTIFOAM SPRAY 80Z	8	oz	03/12/2015
0001310603		ANTIFREEZE/COOLANT	1	gal	03/12/2015
0001310602		ANTIFREEZE/COOLANT	1	gal	03/12/2015
0001310601		ANTIFREEZE/COOLANT		gal	03/12/2015
0001310600		ANTIFREEZE/COOLANT		gal	03/12/2015
0001310599		ANTIFREEZE/COOLANT		gal	03/12/2015
0001310598		ANTIFREEZE/COOLANT	1	gal	03/12/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001337573		THOMAS ANTIFOAM SPRAY 80Z	8	oz	03/12/2015
0001310596		ANTIFREEZE	1	gal	03/12/2015
0001337574		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001310594		ANTIFREEZE	1	gal	03/12/2015
0001310593		ANTIFREEZE		gal	03/12/2015
0001310583		CARB AND CHOKE CLEANER	13	OZ	03/12/2015
0001310582		CARB AND CHOKE CLEANER	13	OZ	03/12/2015
0001337933		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337864		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337863		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337862		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337861		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337860		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001310597		ANTIFREEZE/COOLANT	1	gal	03/12/2015
0001337985		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337603		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337926		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337952		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337953		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337954		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337955		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337956		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337957		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337927		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337928		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001337987		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337986		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337983		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337984		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337602		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337582		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337581		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337580		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337579		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337578		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337577		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337576		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337575		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337929		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337878		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337896		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337897		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337898		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337601		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337600		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337599		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337598		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001337597		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337596		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337595		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337859		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337877		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337622		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337879		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337880		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337881		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337746		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337754		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337895		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337756		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337757		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337758		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337759		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337876		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337874		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337606		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337612		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337613		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337614		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001337615		THOMAS ANTIFOAM SPRAY 80Z	8	oz	03/12/2015
0001310584		193 GLOSS BLACK CHASSIS & GRILLE GUARD PAINT	12	OZ	03/12/2015
0001337868		THOMAS ANTIFOAM SPRAY 80Z	8	oz	03/12/2015
0001337869		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337870		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337871		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337624		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337873		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337623		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337875		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337894		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337572		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337616		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337589		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337617		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337618		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337619		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337620		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337621		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337858		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337872		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337997		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001337510		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337511		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337512		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337960		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001338005		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001338004		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001338003		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001338002		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001338001		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001338000		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337971		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337998		THOMAS ANTIFOAM SPRAY 80Z	8	oz	03/12/2015
0001337507		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337513		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337514		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337515		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337516		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337749		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337517		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337518		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337519		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337520		THOMAS ANTIFOAM SPRAY 80Z	8	oz	03/12/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001337604		THOMAS ANTIFOAM SPRAY 80Z	8	oz	03/12/2015
0001337999		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337935		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337747		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337748		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337783		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337782		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337781		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337780		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337779		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337778		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337777		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337938		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337509		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337936		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337508		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337739		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337738		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337499		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337500		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337501		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337502		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001337503		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337504		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337505		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337506		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337972		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337937		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001338008		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337712		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337713		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337714		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337820		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337819		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337818		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337817		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337816		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001338088	Multi	FAST DNA SPIN KIT FOR SOIL	50	ml	03/12/2015
0001337934		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337970		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001338007		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337709		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001338009		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001338010		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001338011		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001338012		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337611		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337610		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337609		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337608		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337607		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337755		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001338006		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337923		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337919		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337920		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337921		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337750		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337751		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337752		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337973		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337974		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337975		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001330492		8200 ESD EPOXY ADHESIVE PART A	50	lb	03/12/2015
0001337711		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337922		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001337710		THOMAS ANTIFOAM SPRAY 80Z	8	oz	03/12/2015
0001337982		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001330494		MASONRY GROUT	50	lb	03/12/2015
0001337703		THOMAS ANTIFOAM SPRAY 8OZ	8	oz	03/12/2015
0001337704		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337705		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337706		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337707		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337708		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337924		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337925		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337605		THOMAS ANTIFOAM SPRAY 80Z	8	oz	03/12/2015
0001330493		MASONRY GROUT	50	lb	03/12/2015
0001337571		THOMAS ANTIFOAM SPRAY 8OZ	8	oz	03/12/2015
0001337904		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337891		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337642		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337641		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337640		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337639		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337638		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337637		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337586		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001337889		THOMAS ANTIFOAM SPRAY 80Z	8	oz	03/12/2015
0001337588		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337888		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337570		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337569		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337568		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337635		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337567		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337566		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337565		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337564		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337563		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337498		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337963		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001310586		193 GLOSS BLACK CHASSIS & GRILLE GUARD PAINT	12	OZ	03/12/2015
0001337905		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337906		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337650		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337649		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337648		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337647		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337646		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001337645		THOMAS ANTIFOAM SPRAY 80Z	8	oz	03/12/2015
0001337761		THOMAS ANTIFOAM SPRAY 8OZ	8	oz	03/12/2015
0001337890		THOMAS ANTIFOAM SPRAY 8OZ	8	oz	03/12/2015
0001337753		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337940		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337584		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337585		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337636		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337643		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337959		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337958		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337884		THOMAS ANTIFOAM SPRAY 80Z	8	oz	03/12/2015
0001337885		THOMAS ANTIFOAM SPRAY 80Z	8	oz	03/12/2015
0001337886		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337887		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337583		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337776		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337553		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337552		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001338086	7782-61-8	IRON (III) NITRATE	10	kg	03/12/2015
0001338085	7782-61-8	IRON (III) NITRATE		kg	03/12/2015
0001338084	7782-61-8	IRON (III) NITRATE		kg	03/12/2015
0001338083	7782-61-8	IRON (III) NITRATE		kg	03/12/2015
0001338082	7782-61-8	IRON (III) NITRATE		kg	03/12/2015
0001338081	3349-06-2	NICKEL (II) FORMATE		gm	03/12/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001337773		THOMAS ANTIFOAM SPRAY 80Z	8	oz	03/12/2015
0001337497		THOMAS ANTIFOAM SPRAY 80Z	8	oz	03/12/2015
0001337775		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337556		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337551		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001338087	3396-11-0	CESIUM ACETATE	10	gm	03/12/2015
0001337550		THOMAS ANTIFOAM SPRAY 80Z	8	oz	03/12/2015
0001337549		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337548		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337547		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337546		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337545		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337892		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337893		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337774		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337866		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337644		THOMAS ANTIFOAM SPRAY 80Z	8	oz	03/12/2015
0001337533		THOMAS ANTIFOAM SPRAY 80Z	8	oz	03/12/2015
0001337941		THOMAS ANTIFOAM SPRAY 80Z	8	oz	03/12/2015
0001337496		THOMAS ANTIFOAM SPRAY 80Z	8	oz	03/12/2015
0001337495		THOMAS ANTIFOAM SPRAY 80Z	8	oz	03/12/2015
0001337740		THOMAS ANTIFOAM SPRAY 80Z	8	oz	03/12/2015
0001337741		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001337742		THOMAS ANTIFOAM SPRAY 80Z	8	oz	03/12/2015
0001337743		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337744		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337554		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337867		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337555		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337865		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337961		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337962		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337562		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337561		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337560		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337559		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337558		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337557		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337939		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337745		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001310585		193 GLOSS BLACK CHASSIS & GRILLE GUARD PAINT	12	OZ	03/12/2015
0001337901		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337625		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337626		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337627		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001337628		THOMAS ANTIFOAM SPRAY 8OZ	8	oz	03/12/2015
0001337629		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337630		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337631		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337796		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337794		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337632		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337793		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337634		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337799		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337800		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337801		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337802		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337803		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337804		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337805		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337899		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337900		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337797		THOMAS ANTIFOAM SPRAY 8OZ	8	OZ	03/12/2015
0001337882		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337762		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337763		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001337764		THOMAS ANTIFOAM SPRAY 80Z	8	oz	03/12/2015
0001337765		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337766		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337767		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337768		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337769		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337770		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337795		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337772		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337798		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337883		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337784		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337785		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337786		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337787		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337788		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337789		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337790		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337791		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337792		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001337771		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001338182		PHOTO-FLO 200 SOLUTION	16	OZ	03/12/2015
0001337633		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001337902		THOMAS ANTIFOAM SPRAY 80Z	8	oz	03/12/2015
0001338178		WD-40 LUBRICANT SPRAY	16	OZ	03/12/2015
0001338179	10099-74-8	LEAD NITRATE	2.5	kg	03/12/2015
0001338181	10099-74-8	LEAD NITRATE	2.5	kg	03/12/2015
0001338183		PHOTO-FLO 200 SOLUTION		OZ	03/12/2015
0001330488		ANTI-SEIZE COMPOUND (MIXTURE)	8	OZ	03/12/2015
0001310574		WD-40 NON-AEROSOL	20	oz	03/12/2015
0001310575		WD-40 NON-AEROSOL	20	oz	03/12/2015
0001338177		WD-40 LUBRICANT SPRAY	16	oz	03/12/2015
0001338176		WD-40 LUBRICANT SPRAY	16	oz	03/12/2015
0001338175		WD-40 LUBRICANT SPRAY		oz	03/12/2015
0001338169		WD-40 LUBRICANT SPRAY	16	oz	03/12/2015
0001338167		WD-40 LUBRICANT SPRAY	16	oz	03/12/2015
0001337903		THOMAS ANTIFOAM SPRAY 80Z		OZ	03/12/2015
0001338180	10099-74-8	LEAD NITRATE	2.5	kg	03/12/2015
0001338174		WD-40 LUBRICANT SPRAY		oz	03/12/2015
0001338168		WD-40 LUBRICANT SPRAY		oz	03/12/2015
0001338170		WD-40 LUBRICANT SPRAY		oz	03/12/2015
0001338171		WD-40 LUBRICANT SPRAY		oz	03/12/2015
0001338172		WD-40 LUBRICANT SPRAY	+	OZ	03/12/2015
0001338173		WD-40 LUBRICANT SPRAY		OZ	03/12/2015
0001310578		WD-40 NON-AEROSOL		OZ	03/12/2015
0001310577		WD-40 NON-AEROSOL		OZ	03/12/2015
0001310576		WD-40 NON-AEROSOL		OZ	03/12/2015
0001337702		THOMAS ANTIFOAM SPRAY 80Z		OZ	03/12/2015
0001337444	563-67-7	Rubidium Acetate	10	gm	03/12/2015
0001337445		CHROMIUM III NITRATE NONAHYDRATE		gm	03/12/2015
0001337701		THOMAS ANTIFOAM SPRAY 80Z	8	OZ	03/12/2015
0001330563		COTE ALL MULTI-PURPOSE ENAMEL	1	gal	03/13/2015
0001330526		8200 ESD EPOXY ADHESIVE PART A	0.92	gal	03/13/2015
0001330515		ALEX PLUS	10.1	OZ	03/13/2015
0001330561		rust reformer	1	gal	03/13/2015
0001330528		8200 ESD EPOXY ADHESIVE PART A	0.92	gal	03/13/2015
0001330527		8200 ESD EPOXY ADHESIVE PART A	0.92	gal	03/13/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001330562		SAFETY GREEN ALKYD INDUSTRIAL ENAMEL	1	gal	03/13/2015
0001330559		KRUD KUTTER	1	gal	03/13/2015
0001330560		rust reformer	1	gal	03/13/2015
0001330539		8200 ESD EPOXY ADHESIVE PART A	0.92	gal	03/13/2015
0001330540		8200 ESD EPOXY ADHESIVE PART A	0.92	gal	03/13/2015
0001330542		8200 ESD EPOXY ADHESIVE PART B	0.92	gal	03/13/2015
0001330525		8200 ESD EPOXY ADHESIVE PART A	0.92	gal	03/13/2015
0001330529		8200 ESD EPOXY ADHESIVE PART A	0.92	gal	03/13/2015
0001330548		8200 ESD EPOXY ADHESIVE PART B	0.92	gal	03/13/2015
0001330541		8200 ESD EPOXY ADHESIVE PART B	0.92	gal	03/13/2015
0001330556		8200 ESD EPOXY ADHESIVE PART B	0.92	gal	03/13/2015
0001330514		HENRY440	4	gal	03/13/2015
0001330558		KRUD KUTTER	1	gal	03/13/2015
0001317429		Index Matching Gel	3	ml	03/13/2015
0001330538		8200 ESD EPOXY ADHESIVE PART A	0.92	gal	03/13/2015
0001330537		8200 ESD EPOXY ADHESIVE PART A	0.92	gal	03/13/2015
0001330536		8200 ESD EPOXY ADHESIVE PART A	0.92	gal	03/13/2015
0001330535		8200 ESD EPOXY ADHESIVE PART A	0.92	gal	03/13/2015
0001330534		8200 ESD EPOXY ADHESIVE PART A	0.92	gal	03/13/2015
0001330533		8200 ESD EPOXY ADHESIVE PART A	0.92	gal	03/13/2015
0001330532		8200 ESD EPOXY ADHESIVE PART A	0.92	gal	03/13/2015
0001330531		8200 ESD EPOXY ADHESIVE PART A	0.92	gal	03/13/2015
0001330546		8200 ESD EPOXY ADHESIVE PART B	0.92	gal	03/13/2015
0001330564		SAFETY GREEN ALKYD INDUSTRIAL ENAMEL	1	gal	03/13/2015
0001330530		8200 ESD EPOXY ADHESIVE PART A	0.92	gal	03/13/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001330555		8200 ESD EPOXY ADHESIVE PART B	0.92	gal	03/13/2015
0001330554		8200 ESD EPOXY ADHESIVE PART B	0.92	gal	03/13/2015
0001330553		8200 ESD EPOXY ADHESIVE PART B	0.92	gal	03/13/2015
0001330552		8200 ESD EPOXY ADHESIVE PART B	0.92	gal	03/13/2015
0001330551		8200 ESD EPOXY ADHESIVE PART B	0.92	gal	03/13/2015
0001330550		8200 ESD EPOXY ADHESIVE PART B	0.92	gal	03/13/2015
0001330549		8200 ESD EPOXY ADHESIVE PART B	0.92	gal	03/13/2015
0001330547		8200 ESD EPOXY ADHESIVE PART B	0.92	gal	03/13/2015
0001330545		8200 ESD EPOXY ADHESIVE PART B	0.92	gal	03/13/2015
0001330544		8200 ESD EPOXY ADHESIVE PART B	0.92	gal	03/13/2015
0001330543		8200 ESD EPOXY ADHESIVE PART B	0.92	gal	03/13/2015
0001330557		PENETRATING STAIN	1	gal	03/13/2015
0001360714	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/16/2015
0001330653		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001330614		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001330613		VULKEM 116 WHITE	10.1		03/16/2015
0001330612		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001330611		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001330656		VULKEM 116 WHITE	10.1		03/16/2015
0001330646		VULKEM 116 WHITE	10.1		03/16/2015
0001330654		VULKEM 116 WHITE	10.1		03/16/2015
0001330617		VULKEM 116 WHITE	10.1		03/16/2015
0001330652		VULKEM 116 WHITE	10.1		03/16/2015
0001330651		VULKEM 116 WHITE	10.1		03/16/2015
0001330650		VULKEM 116 WHITE	10.1		03/16/2015
0001330649		VULKEM 116 WHITE	10.1		03/16/2015
0001330648		VULKEM 116 WHITE	10.1		03/16/2015
0001330637		VULKEM 116 WHITE	10.1		03/16/2015
0001330655		VULKEM 116 WHITE	10.1		03/16/2015
0001330623		VULKEM 116 WHITE	10.1		03/16/2015
0001330631		VULKEM 116 WHITE	10.1		03/16/2015
0001330630		VULKEM 116 WHITE	10.1		03/16/2015
0001330629		VULKEM 116 WHITE	10.1	OZ	03/16/2015

Parcodo	CAS#	Chamical Nama	Container	Unit of	Data
Barcode	CAS#	Chemical Name	Size	Measure	Date
0001330628		VULKEM 116 WHITE	10.1	oz	03/16/2015
0001330627		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001330626		VULKEM 116 WHITE	10.1		03/16/2015
0001330615		VULKEM 116 WHITE	10.1		03/16/2015
0001330624		VULKEM 116 WHITE	10.1		03/16/2015
0001330616		VULKEM 116 WHITE	10.1		03/16/2015
0001330622		VULKEM 116 WHITE	10.1		03/16/2015
0001330621		VULKEM 116 WHITE	10.1		03/16/2015
0001330620		VULKEM 116 WHITE	10.1		03/16/2015
0001330619		VULKEM 116 WHITE	10.1	†	03/16/2015
0001330618		VULKEM 116 WHITE	10.1		03/16/2015
0001330645		VULKEM 116 WHITE	10.1		03/16/2015
0001330625		VULKEM 116 WHITE	10.1		03/16/2015
0001330675		VULKEM 116 WHITE VULKEM 116 WHITE	10.1		03/16/2015
0001330682 0001330681		VULKEM 116 WHITE	10.1 10.1		03/16/2015
0001330680		VULKEM 116 WHITE	10.1		03/16/2015 03/16/2015
0001330680		VULKEM 116 WHITE	10.1		03/16/2015
0001330678		VULKEM 116 WHITE	10.1		03/16/2015
0001330647		VULKEM 116 WHITE	10.1		03/16/2015
0001330676		VULKEM 116 WHITE	10.1		03/16/2015
0001330676		VULKEM 116 WHITE	10.1		03/16/2015
0001330750		VULKEM 116 WHITE	10.1		03/16/2015
0001330751		VULKEM 116 WHITE	10.1	†	03/16/2015
0001330609		VULKEM 116 WHITE	10.1		03/16/2015
0001330610		VULKEM 116 WHITE	10.1		03/16/2015
0001330674		VULKEM 116 WHITE	10.1		03/16/2015
0001330673		VULKEM 116 WHITE	10.1		03/16/2015
0001330677		VULKEM 116 WHITE	10.1	oz	03/16/2015
0001330635		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001330644		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001330643		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001330642		VULKEM 116 WHITE	10.1	oz	03/16/2015
0001330641		VULKEM 116 WHITE	10.1	oz	03/16/2015
0001330640		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001330639		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001330683		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001330636		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001330684		VULKEM 116 WHITE	10.1		03/16/2015
0001330634		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001330633		VULKEM 116 WHITE	10.1		03/16/2015
0001330632		VULKEM 116 WHITE	10.1		03/16/2015
0001330686		VULKEM 116 WHITE	10.1		03/16/2015
0001330749		VULKEM 116 WHITE	10.1		03/16/2015
0001330672		VULKEM 116 WHITE	10.1	OZ	03/16/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001330638		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001338242	811-97-2	DUSTER		OZ	03/16/2015
0001338249	811-97-2	DUSTER	10	OZ	03/16/2015
0001338272	14221-01-3	TETRAKIS(TRIPHENYLPHOSPHINE)- PALLADIUM(O)	1	gm	03/16/2015
0001338271	14221-01-3	TETRAKIS(TRIPHENYLPHOSPHINE)- PALLADIUM(O)	1	gm	03/16/2015
0001338190	72914-19-3	4,4-DI-TERT-BUTYL-2,2-DIPYRIDYL	5	gm	03/16/2015
0001338189	Multi	Platinum on graphitized carbon	1	gm	03/16/2015
0001360735		10% METHANE/BAL. ARGON	220	cf	03/16/2015
0001331904	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	03/16/2015
0001338215	56-23-5	CARBON TETRACHLORIDE	100		03/16/2015
0001331905	7786-30-3	MAGNESIUM CHLORIDE	3300		03/16/2015
0001338243	811-97-2	DUSTER		OZ	03/16/2015
0001338244	811-97-2	DUSTER		OZ	03/16/2015
0001338245	811-97-2	DUSTER		OZ	03/16/2015
0001338246	811-97-2	DUSTER		OZ	03/16/2015
0001338247	811-97-2	DUSTER		OZ	03/16/2015
0001330772		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001360736		.09% Fluorine/Balance Neon	220	cf	03/16/2015
0001360734		10% METHANE/BAL. ARGON	220	cf	03/16/2015
0001330598		VULKEM 116 WHITE	10.1	oz	03/16/2015
0001330770		VULKEM 116 WHITE	10.1		03/16/2015
0001330764		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001360729		10% METHANE/BAL. ARGON	220	cf	03/16/2015
0001360730		10% METHANE/BAL. ARGON	220	cf	03/16/2015
0001360731		10% METHANE/BAL. ARGON	220	cf	03/16/2015
0001331731	7732-18-5	Hydrochloric Acid 30-31%	3000	lb	03/16/2015
0001360733		10% METHANE/BAL. ARGON	220	cf	03/16/2015
0001338250	811-97-2	DUSTER	10	OZ	03/16/2015
0001338191	96-48-0	GAMMA-BUTYROLACTONE (4- HYDROXYBUTYRIC ACID GAMMA- LACTONE)	500	gm	03/16/2015
0001338239	7429-90-5	ALUMINUM METAL, POWDER	50	gm	03/16/2015
0001338240	7440-50-8	COPPER POWDER	50	gm	03/16/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001338241	7440-02-0	NICKEL POWDER, SPHERICAL	50	gm	03/16/2015
0001331907	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	03/16/2015
0001331906	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	03/16/2015
0001360732		10% METHANE/BAL. ARGON	220	cf	03/16/2015
0001330605		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001338248	811-97-2	DUSTER	10	oz	03/16/2015
0001360726		10% METHANE/BAL. ARGON	220	cf	03/16/2015
0001360727		10% METHANE/BAL. ARGON	220	cf	03/16/2015
0001360728		10% METHANE/BAL. ARGON	220	cf	03/16/2015
0001330769		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001330608		VULKEM 116 WHITE	10.1	oz	03/16/2015
0001360724		10% METHANE/BAL. ARGON	220	cf	03/16/2015
0001330606		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001360723		10% METHANE/BAL. ARGON	220	cf	03/16/2015
0001330604		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001330603		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001330602		VULKEM 116 WHITE	10.1	oz	03/16/2015
0001330601		VULKEM 116 WHITE	10.1	oz	03/16/2015
0001330600		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001330599		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001330607		VULKEM 116 WHITE	10.1		03/16/2015
0001360701	7727-37-9	NITROGEN	220	cf	03/16/2015
0001338251	811-97-2	DUSTER	10	OZ	03/16/2015
0001338252	811-97-2	DUSTER	10	OZ	03/16/2015
0001338253	811-97-2	DUSTER	10	OZ	03/16/2015
0001338254	811-97-2	DUSTER		OZ	03/16/2015
0001338255	811-97-2	DUSTER		oz	03/16/2015
0001360698	7727-37-9	NITROGEN	220	cf	03/16/2015
0001360725		10% METHANE/BAL. ARGON	220	cf	03/16/2015
0001360700	7727-37-9	NITROGEN	220	cf	03/16/2015
0001330763		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001360702	7727-37-9	NITROGEN	220		03/16/2015
0001360703	7727-37-9	NITROGEN	220	cf	03/16/2015
0001338193		QUINTOLUBRIC 888-46	5	gal	03/16/2015
0001360705	7727-37-9	NITROGEN	220	cf	03/16/2015
0001338202	110-54-3	HEXANES (CERTIFIED ACS)	1	I	03/16/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001360722		10% METHANE/BAL. ARGON	220	cf	03/16/2015
0001360699	7727-37-9	NITROGEN	220	cf	03/16/2015
0001360715	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/16/2015
0001338268	7447-40-7	POTASSIUM CHLORIDE	100	gm	03/16/2015
0001338263	811-97-2	DUSTER	10	OZ	03/16/2015
0001360721	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/16/2015
0001360720	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/16/2015
0001360719	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/16/2015
0001360718	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/16/2015
0001338261	811-97-2	DUSTER	10	OZ	03/16/2015
0001360716	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/16/2015
0001338260	811-97-2	DUSTER	10	OZ	03/16/2015
0001360713	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/16/2015
0001360711	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/16/2015
0001338264	811-97-2	DUSTER	10	OZ	03/16/2015
0001338265	811-97-2	DUSTER	10	oz	03/16/2015
0001338266	507-28-8	TETRAPHENYLARSONIUM CHLORIDE HYDRATE	1	gm	03/16/2015
0001330771		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001360717	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/16/2015
0001360673	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	03/16/2015
0001338192		QUINTOLUBRIC 888-46	5	gal	03/16/2015
0001330774		VULKEM 116 WHITE	10.1		03/16/2015
0001330773		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001360668	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	03/16/2015
0001360669	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	03/16/2015
0001360670	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	03/16/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001338262	811-97-2	DUSTER	10	OZ	03/16/2015
0001360672	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	03/16/2015
0001330754		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001338194		QUINTOLUBRIC 888-46		gal	03/16/2015
0001338195		QUINTOLUBRIC 888-46	5	gal	03/16/2015
0001338196		QUINTOLUBRIC 888-46	5	gal	03/16/2015
0001360737		.09% Fluorine/Balance Neon	220	cf	03/16/2015
0001338258	811-97-2	DUSTER	10	OZ	03/16/2015
0001338259	811-97-2	DUSTER	10	oz	03/16/2015
0001360671	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	03/16/2015
0001330761		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001338267	3811-04-9	POTASSIUM CHLORATE	100	gm	03/16/2015
0001338185	865-49-6	CHLOROFORM-D 99.8+ ATOM% D	100	gm	03/16/2015
0001338184	865-49-6	CHLOROFORM-D 99.8+ ATOM% D	100	gm	03/16/2015
0001338094	7440-46-2	CESIUM 99.98% (METAL BASIS)	25	gm	03/16/2015
0001330757		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001330758		VULKEM 116 WHITE	10.1	oz	03/16/2015
0001338209	110-54-3	HEXANE (HEXANE, ANHYDROUS)	2	I	03/16/2015
0001330760		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001360661	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	500	I	03/16/2015
0001338210	7440-18-8	RUTHENIUM SPONGE	100	gm	03/16/2015
0001330765		VULKEM 116 WHITE	10.1	oz	03/16/2015
0001330766		VULKEM 116 WHITE	10.1	oz	03/16/2015
0001330767		VULKEM 116 WHITE	10.1	oz	03/16/2015
0001330768		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001330762		VULKEM 116 WHITE	10.1		03/16/2015
0001330759		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001338197		QUINTOLUBRIC 888-46		gal	03/16/2015
0001330755		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001360712	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/16/2015
0001330756		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001330752		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001338201		QUINTOLUBRIC 888-46	5	gal	03/16/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001338200		QUINTOLUBRIC 888-46	5	gal	03/16/2015
0001338186	865-49-6	CHLOROFORM-D 99.8+ ATOM% D	100	gm	03/16/2015
0001338198		QUINTOLUBRIC 888-46		gal	03/16/2015
0001360706	7727-37-9	NITROGEN	220	cf	03/16/2015
0001360667	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	03/16/2015
0001360666	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	03/16/2015
0001360665	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	03/16/2015
0001360664	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	ı	03/16/2015
0001360663	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	03/16/2015
0001360662	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	ı	03/16/2015
0001338199		QUINTOLUBRIC 888-46	5	gal	03/16/2015
0001330581		VULKEM 116 WHITE	10.1		03/16/2015
0001360679		CALIBRATION GAS	17	1	03/16/2015
0001360680	74-98-6	PROPANE	11	gal	03/16/2015
0001360681	74-98-6	PROPANE		gal	03/16/2015
0001360682	74-98-6	PROPANE		gal	03/16/2015
0001330588	1	VULKEM 116 WHITE	10.1	†	03/16/2015
0001330587		VULKEM 116 WHITE	10.1		03/16/2015
0001330586		VULKEM 116 WHITE VULKEM 116 WHITE	10.1	†	03/16/2015 03/16/2015
0001330585 0001330584	+	VULKEM 116 WHITE	10.1		03/16/2015
0001330584		VULKEM 116 WHITE	10.1		03/16/2015
0001350383	7727-37-9	NITROGEN ULTRA HIGH PURITY	220		03/16/2015
0001330582		VULKEM 116 WHITE	10.1	07	03/16/2015
0001330382		CALIBRATION GAS	17		03/16/2015
0001330070	†	VULKEM 116 WHITE	10.1		03/16/2015
0001330710	1	VULKEM 116 WHITE	10.1		03/16/2015
0001330708		VULKEM 116 WHITE	10.1		03/16/2015
0001338091	108-73-6	PHLOROGLUCINOL	500		03/16/2015
0001338093		OP-U SUSPENSION	5		03/16/2015
0001338187		HYDRAULIC FLUID		gal	03/16/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001338188	7647-01-0	HYDROGEN CHLORIDE DIOXAN SOLUTION	100	ml	03/16/2015
0001360707	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/16/2015
0001360708	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/16/2015
0001360709	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/16/2015
0001330711		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001330695		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001330595		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001330594		VULKEM 116 WHITE	10.1	oz	03/16/2015
0001330593		VULKEM 116 WHITE	10.1	oz	03/16/2015
0001330592		VULKEM 116 WHITE	10.1	oz	03/16/2015
0001330687		VULKEM 116 WHITE	10.1	oz	03/16/2015
0001330688		VULKEM 116 WHITE	10.1	oz	03/16/2015
0001330689		VULKEM 116 WHITE	10.1	oz	03/16/2015
0001330690		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001330691		VULKEM 116 WHITE	10.1	oz	03/16/2015
0001330692		VULKEM 116 WHITE	10.1	oz	03/16/2015
0001360678		CALIBRATION GAS	17	I	03/16/2015
0001330694		VULKEM 116 WHITE	10.1	oz	03/16/2015
0001360677		CALIBRATION GAS	17	I	03/16/2015
0001330696		VULKEM 116 WHITE	10.1	oz	03/16/2015
0001330591		VULKEM 116 WHITE	10.1	oz	03/16/2015
0001330590		VULKEM 116 WHITE	10.1	oz	03/16/2015
0001330589		VULKEM 116 WHITE	10.1	oz	03/16/2015
0001331908	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	03/16/2015
0001360704	7727-37-9	NITROGEN	220	cf	03/16/2015
0001330597		VULKEM 116 WHITE	10.1	oz	03/16/2015
0001338273	9073-95-4	6-Phosphogluconic Dehydrogenase, from yeast	50	ml	03/16/2015
0001360674		CALIBRATION GAS	17	1	03/16/2015
0001360675		CALIBRATION GAS	17	1	03/16/2015
0001338092	128-08-5	N-BROMOSUCCINIMIDE	5	gm	03/16/2015
0001330693		VULKEM 116 WHITE	10.1	oz	03/16/2015
0001338214	56-23-5	CARBON TETRACHLORIDE	100	ml	03/16/2015
0001338207		Gold nanoparticles	20	ml	03/16/2015
0001338208		Gold nanoparticles	20	ml	03/16/2015
0001338212	56-23-5	CARBON TETRACHLORIDE	100	ml	03/16/2015
0001330579		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001330577		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001330576		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001330575		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001330574		VULKEM 116 WHITE	10.1	OZ	03/16/2015

Barcode	CAS#	Chemical Name	Container	Unit of	Date
0001330573		VULKEM 116 WHITE	Size 10.1	Measure	03/16/2015
0001330373	56-23-5	CARBON TETRACHLORIDE	10.1		03/16/2015
0001338213	811-97-2	DUSTER		OZ	03/16/2015
0001338206	011 37 2	Gold nanoparticles		ml	03/16/2015
0001330200		VULKEM 116 WHITE	10.1		03/16/2015
0001330780		VULKEM 116 WHITE	10.1		03/16/2015
0001330596		VULKEM 116 WHITE	10.1		03/16/2015
0001330572		VULKEM 116 WHITE	10.1		03/16/2015
0001330571		VULKEM 116 WHITE	10.1		03/16/2015
0001330570		VULKEM 116 WHITE	10.1		03/16/2015
0001330569		VULKEM 116 WHITE	10.1		03/16/2015
0001330568		VULKEM 116 WHITE	10.1		03/16/2015
0001330567		VULKEM 116 WHITE	10.1	oz	03/16/2015
0001330566		VULKEM 116 WHITE	10.1	oz	03/16/2015
0001330565		VULKEM 116 WHITE	10.1	oz	03/16/2015
0001338270	10099-58-8	LANTHANUM(III)CHLORIDE	25	gm	03/16/2015
0001338269	7790-86-5	CERIUM(III) CHLORIDE		gm	03/16/2015
0001338257	811-97-2	DUSTER		OZ	03/16/2015
0001330705		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001330578		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001330698		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001338205		Gold nanoparticles	20	ml	03/16/2015
0001330697		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001330700		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001330699		VULKEM 116 WHITE	10.1	oz	03/16/2015
0001330706		VULKEM 116 WHITE	10.1	oz	03/16/2015
0001330704		VULKEM 116 WHITE	10.1	oz	03/16/2015
0001330703		VULKEM 116 WHITE	10.1	oz	03/16/2015
0001330707		VULKEM 116 WHITE	10.1	oz	03/16/2015
0001330702		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001330701		VULKEM 116 WHITE	10.1	oz	03/16/2015
0001330720		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001330712		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001360696	7727-37-9	NITROGEN	220	cf	03/16/2015
0001360695	7727-37-9	NITROGEN	220		03/16/2015
0001360694	7727-37-9	NITROGEN	220		03/16/2015
0001330733		VULKEM 116 WHITE	10.1		03/16/2015
0001360692	7727-37-9	NITROGEN	220		03/16/2015
0001330718		VULKEM 116 WHITE	10.1		03/16/2015
0001360691	74-98-6	PROPANE		gal	03/16/2015
0001360690	74-98-6	PROPANE		gal	03/16/2015
0001360689	74-98-6	PROPANE		gal	03/16/2015
0001360688	74-98-6	PROPANE		gal	03/16/2015
0001360687	74-98-6	PROPANE		gal	03/16/2015
0001360686	74-98-6	PROPANE	11	gal	03/16/2015

Barcode	CAS#	Chemical Name	Container	Unit of	Date
0001360605	74.00.6	DDODANE	Size	Measure	02/16/2015
0001360685 0001360684	74-98-6 74-98-6	PROPANE PROPANE		gal gal	03/16/2015 03/16/2015
0001360683	74-98-6	PROPANE		gal	03/16/2015
0001360693	7727-37-9	NITROGEN	220		03/16/2015
0001300033	7727 37 3	VULKEM 116 WHITE	10.1		03/16/2015
0001330723		VULKEM 116 WHITE	10.1		03/16/2015
0001330724		VULKEM 116 WHITE	10.1		03/16/2015
0001330725		VULKEM 116 WHITE	10.1		03/16/2015
0001330726		VULKEM 116 WHITE	10.1	oz	03/16/2015
0001330727		VULKEM 116 WHITE	10.1	oz	03/16/2015
0001330728		VULKEM 116 WHITE	10.1	oz	03/16/2015
0001330729		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001330730		VULKEM 116 WHITE	10.1	oz	03/16/2015
0001330722		VULKEM 116 WHITE	10.1	oz	03/16/2015
0001330732		VULKEM 116 WHITE	10.1	oz	03/16/2015
0001330721		VULKEM 116 WHITE	10.1	oz	03/16/2015
0001330670		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001330717		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001330716		VULKEM 116 WHITE	10.1		03/16/2015
0001360697	7727-37-9	NITROGEN	220		03/16/2015
0001330715		VULKEM 116 WHITE	10.1		03/16/2015
0001330738		VULKEM 116 WHITE	10.1		03/16/2015
0001330714		VULKEM 116 WHITE	10.1		03/16/2015
0001330713		VULKEM 116 WHITE	10.1		03/16/2015
0001330719		VULKEM 116 WHITE	10.1		03/16/2015
0001330731		VULKEM 116 WHITE	10.1		03/16/2015
0001330664		VULKEM 116 WHITE	10.1		03/16/2015
0001330741		VULKEM 116 WHITE	10.1		03/16/2015
0001330744		VULKEM 116 WHITE	10.1		03/16/2015
0001330745		VULKEM 116 WHITE	10.1		03/16/2015
0001330746 0001330747		VULKEM 116 WHITE VULKEM 116 WHITE	10.1		03/16/2015
0001330747		VULKEM 116 WHITE	10.1		03/16/2015 03/16/2015
0001330748		VULKEM 116 WHITE	10.1		03/16/2015
0001330742		VULKEM 116 WHITE	10.1		03/16/2015
0001330003		VULKEM 116 WHITE	10.1		03/16/2015
0001330754		VULKEM 116 WHITE	10.1		03/16/2015
0001330666		VULKEM 116 WHITE	10.1		03/16/2015
0001330667		VULKEM 116 WHITE	10.1		03/16/2015
0001330661		VULKEM 116 WHITE	10.1		03/16/2015
0001330739		VULKEM 116 WHITE	10.1		03/16/2015
0001330740		VULKEM 116 WHITE	10.1		03/16/2015
0001330657		VULKEM 116 WHITE	10.1		03/16/2015
0001330658		VULKEM 116 WHITE	10.1		03/16/2015
0001330659		VULKEM 116 WHITE	10.1		03/16/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001330665		VULKEM 116 WHITE	10.1	oz	03/16/2015
0001330660		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001330743		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001330662		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001330735		VULKEM 116 WHITE	10.1		03/16/2015
0001330736		VULKEM 116 WHITE	10.1		03/16/2015
0001330737		VULKEM 116 WHITE	10.1		03/16/2015
0001330663		VULKEM 116 WHITE	10.1	OZ	03/16/2015
0001338376		PH 7 STANDARD BUFFER SOLUTION	500	ml	03/17/2015
0001338330		Custom Solution	125	ml	03/17/2015
0001338490	1336-21-6	AMMONIUM HYDROXIDE	2.5	I	03/17/2015
0001338371	110-16-7	MALEIC ACID	250	gm	03/17/2015
0001338380	94-36-0	Luperox A98, Benzoyl peroxide	50	gm	03/17/2015
0001338459	1336-21-6	AMMONIUM HYDROXIDE	2.5	I	03/17/2015
0001338381	75-65-0	tert-Butanol	1	I	03/17/2015
0001338339		Custom Solution	125	ml	03/17/2015
0001338342		Custom Solution	125	ml	03/17/2015
0001338488	1336-21-6	AMMONIUM HYDROXIDE	2.5		03/17/2015
0001338341		Custom Solution	125		03/17/2015
0001338340		Custom Solution	125		03/17/2015
0001338484	1336-21-6	AMMONIUM HYDROXIDE	2.5		03/17/2015
0001338489	1336-21-6	AMMONIUM HYDROXIDE	2.5		03/17/2015
0001338487	1336-21-6	AMMONIUM HYDROXIDE	2.5		03/17/2015
0001338343		Custom Solution	125		03/17/2015
0001338344	1005.01.5	Custom Solution	125		03/17/2015
0001338477	1336-21-6	AMMONIUM HYDROXIDE	2.5		03/17/2015
0001338478	1336-21-6	AMMONIUM HYDROXIDE	2.5		03/17/2015
0001338479	1336-21-6	AMMONIUM HYDROXIDE	2.5		03/17/2015
0001338480 0001338481	1336-21-6 1336-21-6	AMMONIUM HYDROXIDE AMMONIUM HYDROXIDE	2.5		03/17/2015 03/17/2015
0001338476	1336-21-6	AMMONIUM HYDROXIDE	2.5		03/17/2015
0001338470	13477-34-4	CALCIUM NITRATE TETRAHYDRATE		gm	03/17/2015
0001338486	1336-21-6	AMMONIUM HYDROXIDE	2.5	I	03/17/2015
0001331841		SOLDERING PASTE	1.7	oz	03/17/2015
0001331844		APIEZON GREASE	25	gm	03/17/2015
0001331869		LEAD SOLDER	1	lb	03/17/2015
0001331870		SOLDERING PASTE	2	OZ	03/17/2015
0001338475	1336-21-6	AMMONIUM HYDROXIDE	2.5	I	03/17/2015
0001338482	1336-21-6	AMMONIUM HYDROXIDE	2.5	I	03/17/2015
0001338483	1336-21-6	AMMONIUM HYDROXIDE	2.5	I	03/17/2015
0001338485	1336-21-6	AMMONIUM HYDROXIDE	2.5	I	03/17/2015
0001331845		TORRSEAL PART A	82	gm	03/17/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001338375		PH 7 STANDARD BUFFER SOLUTION	500	ml	03/17/2015
0001331850		SILICONE COMPOUND	5	oz	03/17/2015
0001338457	1336-21-6	AMMONIUM HYDROXIDE	2.5	I	03/17/2015
0001338499	1336-21-6	AMMONIUM HYDROXIDE	2.5	1	03/17/2015
0001338498	1336-21-6	AMMONIUM HYDROXIDE	2.5	I	03/17/2015
0001338497	1336-21-6	AMMONIUM HYDROXIDE	2.5	I	03/17/2015
0001338496	1336-21-6	AMMONIUM HYDROXIDE	2.5		03/17/2015
0001338501	1336-21-6	AMMONIUM HYDROXIDE	2.5	I	03/17/2015
0001331851		EPOXI-PATCH RESIN	4	_	03/17/2015
0001338502	1336-21-6	AMMONIUM HYDROXIDE	2.5		03/17/2015
0001338495	1336-21-6	AMMONIUM HYDROXIDE	2.5	I	03/17/2015
0001338494	1336-21-6	AMMONIUM HYDROXIDE	2.5		03/17/2015
0001338493	1336-21-6	AMMONIUM HYDROXIDE	2.5	1	03/17/2015
0001338492	1336-21-6	AMMONIUM HYDROXIDE	2.5	I	03/17/2015
0001338491	1336-21-6	AMMONIUM HYDROXIDE	2.5	1	03/17/2015
0001331859		TORRSEAL-VARIAN (HARDENER)	36	gm	03/17/2015
0001331852		EPOXI-PATCH HARDNER	4	OZ	03/17/2015
0001331857		KOPR-KOTE	113	gm	03/17/2015
0001331863		LEAK-TEC DETECTS LEAKS		OZ	03/17/2015
0001338236		AG MP-1M RESIN	500	gm	03/17/2015
0001338379	7681-52-9	SODIUM HYPOCHLORITE SOLUTION REAGENT	500	ml	03/17/2015
0001338403	Multi	Sylguard DC 186	1.1	lb	03/17/2015
0001338404	Multi	Sylguard DC 186	1.1	lb	03/17/2015
0001338500	1336-21-6	AMMONIUM HYDROXIDE	2.5	ı	03/17/2015
0001331862		LEAK-TEC DETECTS LEAKS	4	oz	03/17/2015
0001331846		TORRSEAL PART A	82	gm	03/17/2015
0001331866		HIGH VACUUM GREASE		gm	03/17/2015
0001338335		Custom Solution	125	ml	03/17/2015
0001338336		Custom Solution	125	ml	03/17/2015
0001338505	67-56-1	METHANOL OPTIMA	1	I	03/17/2015
0001338504	67-56-1	METHANOL OPTIMA	1	I	03/17/2015
0001338503	15573-38-3	TRIS(TRIMETHYLSILYL)PHOSPHINE	50	gm	03/17/2015
0001331849		HIGH VACUUM GREASE	5.3	gm	03/17/2015
0001331843	1	HIGH VACUUM GREASE		gm	03/17/2015
0001331868	1	THREAD LOCKER		OZ	03/17/2015
0001331867		SOLDERING PASTE		OZ	03/17/2015
0001331840		DEVCON EPOXY		ml	03/17/2015
0001331865		LOCKTITE SPEED BONDER		OZ	03/17/2015
0001331853	1	HEAT SEAL		OZ	03/17/2015
0001331858		TORRSEAL-VARIAN (HARDENER)		gm	03/17/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001338333		Custom Solution	125	ml	03/17/2015
0001338458	1336-21-6	AMMONIUM HYDROXIDE	2.5	I	03/17/2015
0001331831		HIGH VACUUM GREASE	5.3	gm	03/17/2015
0001331910	1310-73-2	Sodium Hydroxide 25%	3400		03/17/2015
0001331909	1310-73-2	Sodium Hydroxide 25%	3400	lb	03/17/2015
0001338338		Custom Solution	125		03/17/2015
0001338337		Custom Solution	125		03/17/2015
0001338332		Custom Solution	125		03/17/2015
0001338334		Custom Solution	125		03/17/2015
0001338465	1336-21-6	AMMONIUM HYDROXIDE	2.5		03/17/2015
0001338331		Custom Solution	125		03/17/2015
0001338472	1336-21-6	AMMONIUM HYDROXIDE	2.5		03/17/2015
0001338471	1336-21-6	AMMONIUM HYDROXIDE	2.5		03/17/2015
0001338470	1336-21-6	AMMONIUM HYDROXIDE	2.5		03/17/2015
0001338469	1336-21-6	AMMONIUM HYDROXIDE	2.5		03/17/2015
0001338468	1336-21-6	AMMONIUM HYDROXIDE	2.5		03/17/2015
0001338455	1336-21-6	AMMONIUM HYDROXIDE	2.5		03/17/2015
0001338466	1336-21-6	AMMONIUM HYDROXIDE	2.5		03/17/2015
0001338456	1336-21-6	AMMONIUM HYDROXIDE	2.5		03/17/2015
0001338464	1336-21-6	AMMONIUM HYDROXIDE	2.5		03/17/2015
0001338463	1336-21-6	AMMONIUM HYDROXIDE	2.5		03/17/2015
0001338462	1336-21-6	AMMONIUM HYDROXIDE	2.5		03/17/2015
0001338461	1336-21-6	AMMONIUM HYDROXIDE	2.5		03/17/2015
0001338460	1336-21-6	AMMONIUM HYDROXIDE	2.5	1	03/17/2015
0001331848		TORRSEAL-VARIAN (HARDENER)		gm	03/17/2015
0001338467	1336-21-6	AMMONIUM HYDROXIDE	2.5	1	03/17/2015
0001338295	67-64-1	ACETONE	1		03/17/2015
0001338306	67-64-1	ACETONE	1	gal	03/17/2015
0001338309	116183-64-3	n-DODECYL-a-D-MALTOPYRANOSIDE, ANAGRADE	5	gm	03/17/2015
0001338286		Diamond Lapping Compound Finishing blue	5	gm	03/17/2015
0001338287		Diamond Lapping Compound Finishing blue	5	gm	03/17/2015
0001338288		Diamond Lapping Compound Finishing blue	5	gm	03/17/2015
0001338289	67-63-0	2-PROPANOL	1	I	03/17/2015
0001338290	67-56-1	METHANOL	1	I	03/17/2015
0001338291	7778-77-0	POTASSIUM PHOSPHATE, MONOBASIC, CRYSTAL	500	gm	03/17/2015
0001338292	67-64-1	ACETONE	1	gal	03/17/2015
0001338311		SIGMACLEAN WATER BATH TREATMENT	4	OZ	03/17/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of	Date
0001338294	67-64-1	ACETONE		Measure gal	03/17/2015
0001338294	07-04-1	ACETONE	1	gai	03/17/2013
0001338312		SIGMACLEAN WATER BATH TREATMENT	4	OZ	03/17/2015
0001338296	67-64-1	ACETONE		gal	03/17/2015
0001338297	67-64-1	ACETONE	1	gal	03/17/2015
0001338298	67-64-1	ACETONE	1	gal	03/17/2015
0001338299	67-64-1	ACETONE	1	gal	03/17/2015
0001338300	67-64-1	ACETONE	1	gal	03/17/2015
0001338301	67-64-1	ACETONE	1	gal	03/17/2015
0001338302	67-64-1	ACETONE	1	gal	03/17/2015
0001338303	67-64-1	ACETONE	1	gal	03/17/2015
0001338304	67-64-1	ACETONE	1	gal	03/17/2015
0001338305	67-64-1	ACETONE		gal	03/17/2015
0001338293	67-64-1	ACETONE		gal	03/17/2015
0001338324		Custom Solution	125		03/17/2015
0001338373		PH-2 Standard	500		03/17/2015
0001338374		PH-2 Standard	500		03/17/2015
0001338377		PH 10 BUFFER SOLUTION	500		03/17/2015
0001338378		PH 10 BUFFER SOLUTION	500		03/17/2015
0001331860		ANTI SEIZE LUBRICANT		gm	03/17/2015
0001338329		Custom Solution	125		03/17/2015
0001331847		HIGH VACUUM ANTI-FREEZE		gm	03/17/2015
0001338328		Custom Solution	125	ml	03/17/2015
0001338327		Custom Solution	125		03/17/2015
0001338310	148565-58-6	n-DODECYL-?-D- THIOMALTOPYRANOSIDE, ANAGRAD	5	gm	03/17/2015
0001338325		Custom Solution	125	ml	03/17/2015
0001338318		Custom Solution	125	ml	03/17/2015
0001338323		Custom Solution	125	ml	03/17/2015
0001338322		Custom Solution	125	ml	03/17/2015
0001338321		Custom Solution	125	ml	03/17/2015
0001310605		ATF	1	qt	03/17/2015
0001338319		Custom Solution	125	-	03/17/2015
0001338317		Custom Solution	125		03/17/2015
0001338316		Custom Solution	125		03/17/2015
0001338315		Custom Solution	125		03/17/2015
0001338314		Custom Solution	125		03/17/2015
0001338313		Custom Solution	125		03/17/2015
0001338326		Custom Solution	125		03/17/2015
0001330320		ATF		qt	03/17/2015
0001338280		Diamond Lapping Compound Finishing blue		gm	03/17/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001338279		Diamond Lapping Compound Finishing blue	5	gm	03/17/2015
0001338278	138-15-8	SUPERIOR NO. 30 SOLDERING FLUX	1	pt	03/17/2015
0001338277	2206-27-1	DIMETHYLSULFOXIDE-D6	50	gm	03/17/2015
0001338276	207671-46-3	D-Ribose 5-phosphate disodium salt dihydrate	250	gm	03/17/2015
0001338275	53411-70-4	6-PHOSPHOGLUCONIC ACID TRISODIUM SALT	100	ml	03/17/2015
0001310612		ATF	1	gal	03/17/2015
0001338274	53411-70-4	6-PHOSPHOGLUCONIC ACID TRISODIUM SALT	100		03/17/2015
0001310611		ATF	1	gal	03/17/2015
0001331861		THREAD LUBE	1	OZ	03/17/2015
0001331864		THREAD LUBE	1	oz	03/17/2015
0001310610		ATF	1	gal	03/17/2015
0001338320		Custom Solution	125	_	03/17/2015
0001338307	67-64-1	ACETONE	1	gal	03/17/2015
0001338283		Diamond Lapping Compound Finishing blue	5	gm	03/17/2015
0001338308		HYBRIDIZATION BUFFER	125	ml	03/17/2015
0001331855		WD-40		oz	03/17/2015
0001331856		WD-40		OZ	03/17/2015
0001338370	007697-37-2	NITRIC ACID	2.5		03/17/2015
0001338473	1336-21-6	AMMONIUM HYDROXIDE	2.5		03/17/2015
0001338474	1336-21-6	AMMONIUM HYDROXIDE	2.5		03/17/2015
0001338284		Diamond Lapping Compound Finishing blue		gm	03/17/2015
0001310608		ATF	1	qt	03/17/2015
0001338282		Diamond Lapping Compound Finishing blue		gm	03/17/2015
0001338281		Diamond Lapping Compound Finishing blue	5	gm	03/17/2015
0001310604		ATF	1	qt	03/17/2015
0001310606		ATF		qt	03/17/2015
0001310607		ATF		qt	03/17/2015
0001338285		Diamond Lapping Compound Finishing blue		gm	03/17/2015
0001330793		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/18/2015
0001338527	52093-29-5	Gadolinium(III) trifluoromethanesulfonate	5	gm	03/18/2015
0001331914	1310-73-2	Sodium Hydroxide 25%	3400	lb	03/18/2015
0001331913	1310-73-2	Sodium Hydroxide 25%	3400		03/18/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001330785		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/18/2015
0001330806		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/18/2015
0001338407	10099-74-8	LEAD NITRATE	100	gm	03/18/2015
0001330787		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/18/2015
0001338382	1333-86-4	CARBON BLACK	25	gm	03/18/2015
0001330786		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/18/2015
0001338408	10099-74-8	LEAD NITRATE	100	gm	03/18/2015
0001338409	10099-74-8	LEAD NITRATE	100	gm	03/18/2015
0001338410	10099-74-8	LEAD NITRATE	100	gm	03/18/2015
0001331915	1310-73-2	Sodium Hydroxide 25%	3400	lb	03/18/2015
0001330807		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/18/2015
0001330808		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/18/2015
0001330784		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/18/2015
0001330783		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/18/2015
0001338238	74-87-3	CHLOROMETHANE	100	mg	03/18/2015
0001331916	1310-73-2	Sodium Hydroxide 25%	3400		03/18/2015
0001330792		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/18/2015
0001338421	13446-18-9	MAGNESIUM NITRATE HEXAHYDRATE	500	gm	03/18/2015
0001338444	75-12-7	FORMAMIDE	1	I	03/18/2015
0001330778		VULKEM 116 BLACK	10.1		03/18/2015
0001330777		VULKEM 116 BLACK	10.1	oz	03/18/2015
0001330776		VULKEM 116 BLACK	10.1	oz	03/18/2015
0001330775		VULKEM 116 BLACK	10.1	OZ	03/18/2015
0001338519	1076-43-3	BENZENE-D6	10	gm	03/18/2015
0001330780		100% SILICONE SEALANT		OZ	03/18/2015
0001338517	67-66-3	CHLOROFORM	100	gm	03/18/2015
0001330781		100% SILICONE SEALANT	9.8	OZ	03/18/2015
0001338420	13446-18-9	MAGNESIUM NITRATE HEXAHYDRATE	500	gm	03/18/2015
0001338419	13446-18-9	MAGNESIUM NITRATE HEXAHYDRATE	500	gm	03/18/2015
0001338418	13446-18-9	MAGNESIUM NITRATE HEXAHYDRATE	500	gm	03/18/2015
0001338417	13446-18-9	MAGNESIUM NITRATE HEXAHYDRATE	500	gm	03/18/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001338416	13446-18-9	MAGNESIUM NITRATE HEXAHYDRATE	500	gm	03/18/2015
0001338412	13478-00-7	NICKEL(II) NITRATE HEXAHYDRATE	500	gm	03/18/2015
0001338518	1076-43-3	BENZENE-D6	10	gm	03/18/2015
0001330799		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/18/2015
0001330790		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/18/2015
0001330789		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/18/2015
0001338523	141-78-6	ETHYL ACETATE	4	I	03/18/2015
0001338522	75-09-2	METHYLENE CHLORIDE	4		03/18/2015
0001338521	75-09-2	METHYLENE CHLORIDE	4	I	03/18/2015
0001338520	7647-14-5	SOLDIUM CHLORIDE	1	I	03/18/2015
0001330779		100% SILICONE SEALANT	9.8	oz	03/18/2015
0001338443	75-12-7	FORMAMIDE	1	1	03/18/2015
0001330791		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/18/2015
0001338442	77-86-1	TRIS(HYDROXYMETHYL)AMINOMETHANE	100	gm	03/18/2015
0001338441	2075-46-9	4-Nitro-1H-Pyrazol	5	gm	03/18/2015
0001338440	9002-92-0	Brij L4	100		03/18/2015
0001338432	119039-74-6	Polydeoxyguanylic acid	10	ml	03/18/2015
0001338430	7365-45-9	HEPES	1	kg	03/18/2015
0001330782		100% SILICONE SEALANT	9.8		03/18/2015
0001338406	10099-74-8	LEAD NITRATE	100	gm	03/18/2015
0001338447		Shredder Oil		OZ	03/18/2015
0001330523		fast setting cement		lb	03/18/2015
0001338452		Shredder Oil		OZ	03/18/2015
0001338451		Shredder Oil		OZ	03/18/2015
0001338450		Shredder Oil	12	OZ	03/18/2015
0001338431	12125-02-9	AMMONIUM CHLORIDE	1	kg	03/18/2015
0001338433	9003-11-6	Poly(ethylene glycol)-block- poly(propylene glycol)-block- poly(ethylene glycol)	250	ml	03/18/2015
0001338434	9003-11-6	Poly(ethylene glycol)-block- poly(propylene glycol)-block- poly(ethylene glycol)	250	ml	03/18/2015
0001338435	9003-11-6	Poly(ethylene glycol)-block- poly(propylene glycol)-block- poly(ethylene glycol)	250	ml	03/18/2015
0001338436	9003-11-6	Poly(ethylene glycol)-block- poly(propylene glycol)-block- poly(ethylene glycol)	250	ml	03/18/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001338437	9003-11-6	Poly(ethylene glycol)-block- poly(propylene glycol)-block- poly(ethylene glycol)	250	ml	03/18/2015
0001330522		fast setting cement	50	lb	03/18/2015
0001330801		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/18/2015
0001338448		Shredder Oil	12	OZ	03/18/2015
0001338506	584-08-7	POTASSIUM CARBONATE	2.5	kg	03/18/2015
0001338425	16114-05-9	N,N'- Bis (dimethylaminomethylene) hydrazine	5	gm	03/18/2015
0001330521		fast setting cement	50	lb	03/18/2015
0001330520		fast setting cement	50	lb	03/18/2015
0001330519		fast setting cement	50	lb	03/18/2015
0001330518		fast setting cement		lb	03/18/2015
0001330517		fast setting cement	50	lb	03/18/2015
0001330516		fast setting cement	50	lb	03/18/2015
0001338438	9003-11-6	Poly(ethylene glycol)-block- poly(propylene glycol)-block- poly(ethylene glycol)	250	ml	03/18/2015
0001338439	9003-11-6	Poly(ethylene glycol)-block- poly(propylene glycol)-block- poly(ethylene glycol)	250	ml	03/18/2015
0001338428	61966-14-1	Fast Corinth V zinc chloride double salt	5	gm	03/18/2015
0001338427		ZIRCONIUM OXIDE/YTTRIUM OXIDE	200	gm	03/18/2015
0001338426		ZIRCONIUM OXIDE/YTTRIUM OXIDE	200	gm	03/18/2015
0001338449		Shredder Oil	12	OZ	03/18/2015
0001330798		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/18/2015
0001330804		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/18/2015
0001338413	7681-57-4	SODIUM METABISULFITE	10000	gm	03/18/2015
0001338414	7681-57-4	SODIUM METABISULFITE	10000	-	03/18/2015
0001338415	7681-57-4	SODIUM METABISULFITE	10000	1	03/18/2015
0001338422		BAIKALOX ALUMINA POLISHING SUSPENSION 1.0 MICRON		OZ	03/18/2015
0001338423		BAIKALOX ALUMINA POLISHING SUSPENSION 1.0 MICRON	12	oz	03/18/2015
0001338445		Shredder Oil	12	OZ	03/18/2015
0001338446		Shredder Oil		OZ	03/18/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001330805		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/18/2015
0001330803		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/18/2015
0001330802		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/18/2015
0001338411	6153-56-6	OXALIC ACID CERT. ACS	250	gm	03/18/2015
0001330524		fast setting cement	50	lb	03/18/2015
0001330788		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/18/2015
0001338453	141-78-6	ETHYL ACETATE	4	I	03/18/2015
0001330797		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/18/2015
0001330796		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/18/2015
0001330795		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/18/2015
0001330794		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/18/2015
0001338424	16114-05-9	N,N'- Bis(dimethylaminomethylene)hydrazine	5	gm	03/18/2015
0001338528	76089-77-5	CERIUM (III) TRIFLUOROMETHANESULFONATE	5	gm	03/18/2015
0001338429	64071-86-9	Fast Black K Salt hemi(zinc chloride) salt	25	gm	03/18/2015
0001338516	110-54-3	HEXANE (HEXANE, ANHYDROUS)	1	ı	03/18/2015
0001338515	64-17-5	ETHYL ALCOHOL	1	I	03/18/2015
0001338514	141-78-6	ETHYL ACETATE	2		03/18/2015
0001338507		TRIS HCL 1.0M	100		03/18/2015
0001338405	10099-74-8	LEAD NITRATE	100	gm	03/18/2015
0001330800		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/18/2015
0001338548		ZINC STANDARD	125	ml	03/19/2015
0001330860		ALEX PLUS	10.1	OZ	03/19/2015
0001331883		SNOOP LIQUID LEAK DETECTOR	8	oz	03/19/2015
0001331881		SILICONE RUBBER SEALANT/ADHESIVE	2.8	OZ	03/19/2015
0001338529		SOLUTION A	250	ml	03/19/2015
0001338524	64-18-6	FORMIC ACID	10	ml	03/19/2015
0001331886		GLANCE MULTI-SURFACE CLEANER	32	OZ	03/19/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001338549	7440-61-1	URANIUM STANDARD SOLUTION	125	ml	03/19/2015
0001310616		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	03/19/2015
0001338547		ZINC STANDARD	125	ml	03/19/2015
0001338546		GALLIUM STANDARD SOLUTION	125	ml	03/19/2015
0001338545		GALLIUM STANDARD SOLUTION	125	ml	03/19/2015
0001338513		ZINC STANDARD	125	ml	03/19/2015
0001338512		ZINC STANDARD	125	ml	03/19/2015
0001331884		SNOOP LIQUID LEAK DETECTOR	1	gal	03/19/2015
0001338550	7440-61-1	URANIUM STANDARD SOLUTION	125	ml	03/19/2015
0001310627		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	03/19/2015
0001310629		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	03/19/2015
0001310630		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	03/19/2015
0001330859		ALEX PLUS	10.1	OZ	03/19/2015
0001330858		ALEX PLUS	10.1	OZ	03/19/2015
0001330857		ALEX PLUS	10.1	OZ	03/19/2015
0001331885		GLANCE MULTI-SURFACE CLEANER	32	oz	03/19/2015
0001330855		ALEX PLUS	10.1	OZ	03/19/2015
0001310628		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	03/19/2015
0001310626		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	03/19/2015
0001310625		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	03/19/2015
0001310624		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	03/19/2015
0001310623		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	03/19/2015
0001310622		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	03/19/2015
0001310618		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	03/19/2015
0001330856		ALEX PLUS	10.1	OZ	03/19/2015
0001330838		ALEX PLUS	10.1		03/19/2015
0001330844		ALEX PLUS	10.1	OZ	03/19/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
		ATF DEX/MERC AUTOMATIC	3120	IVICASAIC	
0001310632		TRANSMISSION FLUID	1	qt	03/19/2015
0001338530	Multi	ICP-MS-68B Solution C	250	ml	03/19/2015
0001330833		ALEX PLUS	10.1		03/19/2015
0001330834		ALEX PLUS	10.1		03/19/2015
0001330835		ALEX PLUS	10.1	oz	03/19/2015
0001331877		loctite moly paste	8	oz	03/19/2015
0001330837		ALEX PLUS	10.1		03/19/2015
0001331876		loctite moly paste	8	OZ	03/19/2015
0001330839		ALEX PLUS	10.1	OZ	03/19/2015
0001330840		ALEX PLUS	10.1	OZ	03/19/2015
0001330841		ALEX PLUS	10.1	oz	03/19/2015
0001330842		ALEX PLUS	10.1	OZ	03/19/2015
0001330843		ALEX PLUS	10.1	OZ	03/19/2015
0001331749		SLOW-CURE 30-Min. Epoxy	9	OZ	03/19/2015
0001330836		ALEX PLUS	10.1	oz	03/19/2015
0001310641		DIESEL EXHAUST FLUID	2.5	gal	03/19/2015
0001331748		SLOW-CURE 30-Min. Epoxy		OZ	03/19/2015
0001331747		SLOW-CURE 30-Min. Epoxy	9	oz	03/19/2015
0001331746		SLOW-CURE 30-Min. Epoxy	9	OZ	03/19/2015
0001331745		SLOW-CURE 30-Min. Epoxy	9	oz	03/19/2015
0001310637		WINDSHIELD WASHER FLUID	1	gal	03/19/2015
0001310638		DIESEL EXHAUST FLUID	2.5	gal	03/19/2015
0004040604		ATF DEX/MERC AUTOMATIC			02/40/2045
0001310631		TRANSMISSION FLUID	1	qt	03/19/2015
0001310640		DIESEL EXHAUST FLUID	2.5	gal	03/19/2015
0001310620		MOTOR OIL		qt	03/19/2015
0004240622		ATF DEX/MERC AUTOMATIC			02/40/2045
0001310633		TRANSMISSION FLUID	1	qt	03/19/2015
0001330854		ALEX PLUS	10.1	oz	03/19/2015
0001331742		Heavy Duty Epoxy	4	oz	03/19/2015
0001330852		ALEX PLUS	10.1	oz	03/19/2015
0001330850		ALEX PLUS	10.1	oz	03/19/2015
0001330849		ALEX PLUS	10.1	OZ	03/19/2015
0001310639		DIESEL EXHAUST FLUID	2.5	gal	03/19/2015
0001310634		ANTIFREEZE	1	gal	03/19/2015
0001310621		MOTOR OIL		qt	03/19/2015
0001331735		DEVCON PLASTIC STEEL LIQUID (B) KIT	0.84	oz	03/19/2015
0001331734		DEVCON PLASTIC STEEL LIQUID (B) KIT	0.84	OZ	03/19/2015
0001331733		DEVCON PLASTIC STEEL LIQUID (B) KIT	0.84	oz	03/19/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001331732		DEVCON PLASTIC STEEL LIQUID (B) KIT	0.84	oz	03/19/2015
0001331744		Heavy Duty Epoxy	4	oz	03/19/2015
0001331741		Heavy Duty Epoxy	4	oz	03/19/2015
0001331882		PHOSPHORIC ACID	25	ml	03/19/2015
0001331740		Heavy Duty Epoxy	4	oz	03/19/2015
0001331880		PIPE SEALANT	0.2	oz	03/19/2015
0001331879		PIPE SEALANT	0.2	oz	03/19/2015
0001331878		VACUUM PUMP OIL	1	I	03/19/2015
0001331875		TAP MAGIC CUTTING FLUID	16	oz	03/19/2015
0001331874		WD-40	16	oz	03/19/2015
0001310651		TRANSMISSION FLUID	5	gal	03/19/2015
0001331743		Heavy Duty Epoxy	4	oz	03/19/2015
0001330848		ALEX PLUS	10.1	oz	03/19/2015
0001310619		MOTOR OIL	1	qt	03/19/2015
0001310617		ATF	1	qt	03/19/2015
0001310615		STARTING FLUID FOR DIESEL AND GASOLINE ENGINES	10.7	oz	03/19/2015
0001310614		STARTING FLUID FOR DIESEL AND GASOLINE ENGINES	10.7	OZ	03/19/2015
0001338454	7782-42-5	GRAPHITE	1	kg	03/19/2015
0001330845		ALEX PLUS	10.1		03/19/2015
0001331736		DEVCON PLASTIC STEEL LIQUID (B) KIT	0.84	OZ	03/19/2015
0001330847		ALEX PLUS	10.1	oz	03/19/2015
0001330853		ALEX PLUS	10.1	oz	03/19/2015
0001310636		WINDSHIELD WASHER FLUID	1	gal	03/19/2015
0001310635		WINDSHIELD WASHER FLUID	1	gal	03/19/2015
0001202383		Weld On #16	146	ml	03/19/2015
0001331737		Heavy Duty Epoxy	4	oz	03/19/2015
0001331738		Heavy Duty Epoxy	4	oz	03/19/2015
0001331739		Heavy Duty Epoxy	4	OZ	03/19/2015
0001330846		ALEX PLUS	10.1	OZ	03/19/2015
0001330871		ALEX PLUS	10.1	OZ	03/19/2015
0001330878		ALEX PLUS	10.1	OZ	03/19/2015
0001330877		ALEX PLUS	10.1	OZ	03/19/2015
0001330876		ALEX PLUS	10.1	OZ	03/19/2015
0001330875		ALEX PLUS	10.1	OZ	03/19/2015
0001330874		ALEX PLUS	10.1	OZ	03/19/2015
0001310644		ANTIFREEZE/COOLANT	1	gal	03/19/2015
0001310643		ANTIFREEZE/COOLANT	1	gal	03/19/2015
0001331873		FANTASTIK SPRAY CLEAN		qt	03/19/2015
0001330872		ALEX PLUS	10.1	oz	03/19/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001310613		MULTI-PURPOSE GREASE	14.1	oz	03/19/2015
0001330870		ALEX PLUS	10.1	OZ	03/19/2015
0001330869		ALEX PLUS	10.1	OZ	03/19/2015
0001330868		ALEX PLUS	10.1	OZ	03/19/2015
0001330867		ALEX PLUS	10.1	OZ	03/19/2015
0001330866		ALEX PLUS	10.1	OZ	03/19/2015
0001330865		ALEX PLUS	10.1	OZ	03/19/2015
0001330864		ALEX PLUS	10.1		03/19/2015
0001202382		Weld On 3	118		03/19/2015
0001330873		ALEX PLUS	10.1		03/19/2015
0001310647		ANTIFREEZE/COOLANT	1	gal	03/19/2015
0001331832		AJAX OXYGEN BLEACH CLEANER	21	OZ	03/19/2015
0001331834		AJAX OXYGEN BLEACH CLEANER	21	OZ	03/19/2015
0001331835		AJAX OXYGEN BLEACH CLEANER	21	OZ	03/19/2015
0001331833		AJAX OXYGEN BLEACH CLEANER	21	oz	03/19/2015
0001310645		ANTIFREEZE/COOLANT	1	gal	03/19/2015
0001331872		FANTASTIK SPRAY CLEAN	1	qt	03/19/2015
0001331871		FANTASTIK SPRAY CLEAN	1	qt	03/19/2015
0001331854		FANTASTIK SPRAY CLEAN		qt	03/19/2015
0001330879		ALEX PLUS	10.1	OZ	03/19/2015
0001310646		ANTIFREEZE/COOLANT		gal	03/19/2015
0001330880		ALEX PLUS	10.1		03/19/2015
0001330851		ALEX PLUS	10.1		03/19/2015
0001310648		TRANSMISSION FLUID		gal	03/19/2015
0001331750		SLOW-CURE 30-Min. Epoxy		OZ	03/19/2015
0001331839		FANTASTIK SPRAY CLEAN		qt	03/19/2015
0001331838		FANTASTIK SPRAY CLEAN		qt	03/19/2015
0001331837		FANTASTIK SPRAY CLEAN		qt	03/19/2015
0001331836		FANTASTIK SPRAY CLEAN		qt	03/19/2015
0001330862		ALEX PLUS	10.1		03/19/2015
0001331842		FANTASTIK SPRAY CLEAN	17.6	qt	03/19/2015
0001330813		HI-STRENGTH 90 GALLIUM STANDARD SOLUTION	125		03/19/2015
0001338303		ALEX PLUS	10.1		
					03/19/2015
0001338511 0001310642		ZINC STANDARD	125		03/19/2015 03/19/2015
0001310642		ANTIFREEZE/COOLANT HI-STRENGTH 90	17.6	gal	03/19/2015
0001330816		GALLIUM STANDARD SOLUTION	17.6		03/19/2015
0001330814		HI-STRENGTH 90	17.6		03/19/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
			Size	ivieasure	
0001338510		GALLIUM STANDARD SOLUTION	125	ml	03/19/2015
0001330812		HI-STRENGTH 90	17.6	oz	03/19/2015
0001330811		HI-STRENGTH 90	17.6	oz	03/19/2015
0001330810		HI-STRENGTH 90	17.6	oz	03/19/2015
0001330809		HI-STRENGTH 90	17.6	oz	03/19/2015
0001331752		SLOW-CURE 30-Min. Epoxy	9	oz	03/19/2015
0001331751		SLOW-CURE 30-Min. Epoxy	9	oz	03/19/2015
0001330815		HI-STRENGTH 90	17.6	oz	03/19/2015
0001330861		ALEX PLUS	10.1	oz	03/19/2015
0001330822		HI-STRENGTH 90	17.6	oz	03/19/2015
0001310650		TRANSMISSION FLUID	5	gal	03/19/2015
0001330821		HI-STRENGTH 90	17.6	oz	03/19/2015
0001310649		TRANSMISSION FLUID	5	gal	03/19/2015
0001330820		HI-STRENGTH 90	17.6	OZ	03/19/2015
0001330819		HI-STRENGTH 90	17.6	OZ	03/19/2015
0001330818		HI-STRENGTH 90	17.6	OZ	03/19/2015
0001330817		HI-STRENGTH 90	17.6	OZ	03/19/2015
0001338525	7697-37-2	NITRIC ACID	2.5	I	03/20/2015
0001338541	26628-22-8	SODIUM AZIDE	500	gm	03/20/2015
0001310675		ANTIFREEZE		gal	03/20/2015
0001330905		PERMACRYL eggshell white INTERIOR		gal	03/20/2015
		ACRYLIC DE-1531			
0001338526	7697-37-2	NITRIC ACID	2.5	1	03/20/2015
0001331927		NALCO 7408 CHLORINE SCAVENGER SOLUTION	55	gal	03/20/2015
0001338534	14985-18-3	ZIRCONIUM DINITRATE OXIDE HYDRATE	100	gm	03/20/2015
0001338533	14985-18-3	ZIRCONIUM DINITRATE OXIDE HYDRATE	100	gm	03/20/2015
0001338532	1	3110 RTV ENCAPSULANT	435	gm	03/20/2015
0001338531		3110 RTV ENCAPSULANT	435		03/20/2015
0001268982		SANDABLE PRIMER		oz	03/20/2015
0001330902		PERMACRYL eggshell white INTERIOR ACRYLIC DE-1531		gal	03/20/2015
0001330903		PERMACRYL eggshell white INTERIOR ACRYLIC DE-1531	1	gal	03/20/2015
0001330904		PERMACRYL eggshell white INTERIOR ACRYLIC DE-1531	1	gal	03/20/2015
0001331926		NALCO 7408 CHLORINE SCAVENGER SOLUTION	55	gal	03/20/2015
0000956431		EPOXY ADHESIVE PART A	2.8	lb	03/20/2015
0001330901		PERMACRYL eggshell white INTERIOR ACRYLIC DE-1531	1	gal	03/20/2015
0001330919		PSX 700 CURE	0.2	gal	03/20/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001330894		COTE ALL MULTI-PURPOSE ENAMEL	1	gal	03/20/2015
0001330893		COTE ALL MULTI-PURPOSE ENAMEL	1	gal	03/20/2015
0001330892		COTE ALL MULTI-PURPOSE ENAMEL	1	gal	03/20/2015
0001310674		ANTIFREEZE	1	gal	03/20/2015
0001330910		PSX 700 PART A(RESIN)	0.8	gal	03/20/2015
0001330911		PSX 700 PART A(RESIN)	0.8	gal	03/20/2015
0001330912		PSX 700 PART A(RESIN)	0.8	gal	03/20/2015
0001330913		PSX 700 PART A(RESIN)	0.8	gal	03/20/2015
0001330914		PSX 700 PART A(RESIN)	0.8	gal	03/20/2015
0001330915		PSX 700 PART A(RESIN)	0.8	gal	03/20/2015
0001330916		PSX 700 CURE	0.2	gal	03/20/2015
0001338543		IRON PLASMA STANDARDS, 1,000 PPM, 10,000 PPM IN DILUTE HYDRO	50	ml	03/20/2015
0001330918		PSX 700 CURE	0.2	gal	03/20/2015
0001338554	75-05-8	ACETONITRILE CERTIFIED ACS	2.5	I	03/20/2015
0001330920		PSX 700 CURE	0.2	gal	03/20/2015
0001330921		PSX 700 CURE		gal	03/20/2015
0001330891		COTE ALL MULTI-PURPOSE ENAMEL		gal	03/20/2015
0001330890		COTE ALL MULTI-PURPOSE ENAMEL	1	gal	03/20/2015
0001330886		PSX 700 CURE	1	gal	03/20/2015
0001330885		PSX 700 CURE		gal	03/20/2015
0001330884		PSX 700 CURE		gal	03/20/2015
0001330883		PSX 700 PART A(RESIN)		gal	03/20/2015
0001330882		PSX 700 PART A(RESIN)		gal	03/20/2015
0001330881		PSX 700 PART A(RESIN)		gal	03/20/2015
0001310661		MULTI-PURPOSE GREASE	14.1		03/20/2015
0001330917		PSX 700 CURE		gal	03/20/2015
0001330899		PERMACRYL SEMI-GLOSS EXTERIOR		gal	03/20/2015
0001338602	93376-66-0	PAMAM DENDRIMER, GENERATION 2	1	gm	03/20/2015
0001338601	93376-66-0	PAMAM DENDRIMER, GENERATION 2	1	gm	03/20/2015
0001338600	93376-66-0	PAMAM DENDRIMER, GENERATION 2	1	gm	03/20/2015
0001338599	93376-66-0	PAMAM DENDRIMER, GENERATION 2	1	gm	03/20/2015
0001338544	10294-41-4	Cerium (III) Nitrate	500	gm	03/20/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001338542		186 SILICONE ELASTOMER CURING AGENT	19.9	kg	03/20/2015
0001338540	26628-22-8	SODIUM AZIDE	500	gm	03/20/2015
0001338539	26628-22-8	SODIUM AZIDE	500		03/20/2015
0001338538	26628-22-8	SODIUM AZIDE	500		03/20/2015
0001338537	26628-22-8	SODIUM AZIDE	500	gm	03/20/2015
0001338536	811-97-2	DUSTER	10	OZ	03/20/2015
0001338552	109-99-9	TETRAHYDROFURAN	1	I	03/20/2015
0001330900		PERMACRYL SEMI-GLOSS EXTERIOR	1	gal	03/20/2015
0001338553	60-29-7	DIETHYL ETHER	1	ı	03/20/2015
0001330898		PERMACRYL SEMI-GLOSS EXTERIOR	1	gal	03/20/2015
0001330897		COTE ALL MULTI-PURPOSE ENAMEL	1	gal	03/20/2015
0001330896		COTE ALL MULTI-PURPOSE ENAMEL	1	gal	03/20/2015
0001330895		COTE ALL MULTI-PURPOSE ENAMEL	1	gal	03/20/2015
0000956435		RUBBER CEMENT	1	qt	03/20/2015
0000956434	7440-21-3	SILICONE LUBRICANT SPRAY	11	oz	03/20/2015
0000956433	7782-49-2	SELENIUM POWDER	300	mg	03/20/2015
0000956432		EPOXY ADHESIVE PART B	2.5	lb	03/20/2015
0001330937		WOOD FILLER	8	oz	03/20/2015
0001330936		WOOD FILLER	8	OZ	03/20/2015
0001331799		ADDITIVE FOR COOLING FLUID	5	I	03/20/2015
0001310652		ENGINE OIL	1	gal	03/20/2015
0001338535	7646-69-7	SODIUM HYDRIDE DRY, 95%	50	gm	03/20/2015
0001310671		ANTIFREEZE	1	gal	03/20/2015
0001330922		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/20/2015
0001330923		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/20/2015
0001330924		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/20/2015
0001330925		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/20/2015
0001330927		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/20/2015
0001330929		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/20/2015
0001330930		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/20/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001330931		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/20/2015
0001330932		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/20/2015
0001330908		PermAcryl Exterior Latex Enamel 1533	1	gal	03/20/2015
0001330934		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/20/2015
0001330926		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/20/2015
0001310657		BATTERY CLEANER	11	oz	03/20/2015
0001310672		ANTIFREEZE	1	gal	03/20/2015
0001310659		QD ELECTRONIC CLEANER	11	OZ	03/20/2015
0001330935		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/20/2015
0001330909		PermAcryl Exterior Latex Enamel 1533	1	gal	03/20/2015
0001331918	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	03/20/2015
0001338551	74974-61-1	Aluminum trifluoromethanesulfonate	10	gm	03/20/2015
0000956436	811-97-2	DUST BLASTER (1,1,1,2 TETRAFLUOROETHANE)	10	OZ	03/20/2015
0001310655		LACQUER PAINT HOT ROD BLACK	12	OZ	03/20/2015
0001310656		LACQUER PAINT HOT ROD BLACK	12	oz	03/20/2015
0001330933		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/20/2015
0001310663		ANTIFREEZE	1	gal	03/20/2015
0001310673		ANTIFREEZE		gal	03/20/2015
0001310669		MOTOR OIL		qt	03/20/2015
0001310668		MOTOR OIL		qt	03/20/2015
0001310667		MOTOR OIL	1	qt	03/20/2015
0001310666		MOTOR OIL	1	qt	03/20/2015
0001310665		MOTOR OIL	1	qt	03/20/2015
0001330928		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/20/2015
0001310664		MOTOR OIL 5W-30	1	qt	03/20/2015
0001310654		ENGINE OIL		gal	03/20/2015
0001331925		TRI-ACT 1820	450	lb	03/20/2015
0001331924		Nalco 22341	503	lb	03/20/2015
0001331923		NALCO 8735	639	lb	03/20/2015
0001331922	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	03/20/2015
0001310660		BRAKE FLUID DOT 3	12	OZ	03/20/2015
0001331917	7732-18-5	Hydrochloric Acid 30-31%	3000	lb	03/20/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001310653		ENGINE OIL	1	gal	03/20/2015
0001331921	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	03/20/2015
0001310670		ANTIFREEZE	1	gal	03/20/2015
0001310662		DIESEL FUEL SUPPLEMENT		oz	03/20/2015
0001310658		BELT CONDITIONER	7.5		03/20/2015
0001240797		SANDABLE PRIMER	+	OZ	03/20/2015
0001240788		SANDABLE PRIMER		OZ	03/20/2015
0001331919	7786-30-3	MAGNESIUM CHLORIDE	3300		03/20/2015
0001331920	7786-30-3	MAGNESIUM CHLORIDE	3300		03/20/2015
0001360768	64742-65-0	PUMP OIL	1	qt	03/23/2015
0001338604	19327-39-0	Tetraethylene Glycol Monooctyl Ether	10	ml	03/23/2015
0001310680		CARBURETOR AND PARTS CLEANER	1	gal	03/23/2015
0001330970		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/23/2015
0001338603	19327-39-0	Tetraethylene Glycol Monooctyl Ether	10	ml	03/23/2015
0001330968		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/23/2015
0001330967		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/23/2015
0001330966		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/23/2015
0001360767	64742-65-0	PUMP OIL	1	qt	03/23/2015
0001360769	64742-65-0	PUMP OIL	1	qt	03/23/2015
0001310676		ENGINE ENAMEL	12	OZ	03/23/2015
0001338605	109-66-0	PENTANE, ANHYDROUS	1	I	03/23/2015
0001360770	64742-65-0	PUMP OIL	1	qt	03/23/2015
0001338615		FANTASTIKE ALL PURPOSE CLEANER		OZ	03/23/2015
0001360763		EP-2 MULTI-PURPOSE LITHIUM GREASE	14	oz	03/23/2015
0001360762		EP-2 MULTI-PURPOSE LITHIUM GREASE	14	OZ	03/23/2015
0001360761		EP-2 MULTI-PURPOSE LITHIUM GREASE	14	OZ	03/23/2015
0001360760		Expo White Board Cleaner	22	OZ	03/23/2015
0001310677		ENGINE ENAMEL	12	OZ	03/23/2015
0001310679		ENGINE ENAMEL	12	OZ	03/23/2015
0001338557	1586-92-1	DIETHYLALUMINUM ETHOXIDE	100	gm	03/23/2015
0001310678		ENGINE ENAMEL	12	OZ	03/23/2015
0001338616		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	03/23/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001338606		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	03/23/2015
0001338614		FANTASTIKE ALL PURPOSE CLEANER	32	oz	03/23/2015
0001338613		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	03/23/2015
0001338612		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	03/23/2015
0001338611		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	03/23/2015
0001338610		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	03/23/2015
0001338609		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	03/23/2015
0001338608		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	03/23/2015
0001338607		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	03/23/2015
0001338617		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	03/23/2015
0001330964		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/23/2015
0001330960		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/23/2015
0001330959		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/23/2015
0001330958		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/23/2015
0001330957		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/23/2015
0001330956		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/23/2015
0001330953		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/23/2015
0001330954		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/23/2015
0001330947		HENRY 351	4	gal	03/23/2015
0001330965		PREMIUM BLUE 15W40 DIESEL OIL		gal	03/23/2015
0001360764		EP-2 MULTI-PURPOSE LITHIUM GREASE	14	OZ	03/23/2015
0001330963		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/23/2015
0001330962		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/23/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001330961		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/23/2015
0001330952		HENRY 351	4	gal	03/23/2015
0001330951		HENRY 351		gal	03/23/2015
0001330950		HENRY 351		gal	03/23/2015
0001330949		HENRY 351		gal	03/23/2015
0001330955		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/23/2015
0001330939		HENRY 351	4	gal	03/23/2015
0001338556	26475-18-3	4,4'-Dimethyloctafluorobiphenyl	5	gm	03/23/2015
0001338558	Multil	Bismuth Sulfite Agar	500	gm	03/23/2015
0001338559	7697-37-2	NITRIC ACID, FUMING	1	I	03/23/2015
0001338560	12027-06-4	AMMONIUM IODIDE	100	gm	03/23/2015
0001338561	1317-36-8	LEAD(II) OXIDE	100		03/23/2015
0001338562	7550-45-0	TITANIUM TETRACHLORIDE		ml	03/23/2015
0001338563		SCOTCHCAST ELECTRICAL RESIN		qt	03/23/2015
0001330971		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/23/2015
0001330938		HENRY 351	4	gal	03/23/2015
0001330948		HENRY 351		gal	03/23/2015
0001330940		HENRY 351		gal	03/23/2015
0001330941		HENRY 351		gal	03/23/2015
0001330942		HENRY 351		gal	03/23/2015
0001330943		HENRY 351		gal	03/23/2015
0001330944		HENRY 351		gal	03/23/2015
0001330945		HENRY 351		gal	03/23/2015
0001330946		HENRY 351		gal	03/23/2015
0001338555	67-63-0	2-PROPANOL	4		03/23/2015
0001338564		SCOTCHCAST ELECTRICAL RESIN	1	qt	03/23/2015
0001360775	6892-68-8	DTE MEDIUM HEAVY OIL	1	gal	03/23/2015
0001330982		PREMIUM BLUE 15W40 DIESEL OIL		gal	03/23/2015
0001330983		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/23/2015
0001330984		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/23/2015
0001330985		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/23/2015
0001330986		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/23/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001330987		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/23/2015
0001330988		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/23/2015
0001330981		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/23/2015
0001330990		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/23/2015
0001360773	6892-68-8	DTE MEDIUM HEAVY OIL	1	gal	03/23/2015
0001360774	6892-68-8	DTE MEDIUM HEAVY OIL	1	gal	03/23/2015
0001061157		NICKEL ANTI-SEIZE LUBRICANT	8	oz	03/23/2015
0001360772	64742-65-0	PUMP OIL	1	qt	03/23/2015
0001360771	64742-65-0	PUMP OIL	1	qt	03/23/2015
0001330969		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/23/2015
0001360765	64742-65-0	PUMP OIL	1	qt	03/23/2015
0001330991		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/23/2015
0001330992		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/23/2015
0001330989		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/23/2015
0001330972		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/23/2015
0001330973		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/23/2015
0001330980		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/23/2015
0001061154		PIPE SEALANT	4	OZ	03/23/2015
0001360776	6892-68-8	DTE MEDIUM HEAVY OIL	1	gal	03/23/2015
0001061158	64-17-5	ETHYL ALCOHOL-200 PROOF	8	OZ	03/23/2015
0001330974		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/23/2015
0001360766	64742-65-0	PUMP OIL	1	qt	03/23/2015
0001330975		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/23/2015
0001330976		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/23/2015
0001330977		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/23/2015
0001330978		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/23/2015
0001330979		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	03/23/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001310682		SIKAFLEX	29	OZ	03/24/2015
0001310681		SIKAFLEX	+	OZ	03/24/2015
0001330993		ALEX PLUS	10.1		03/24/2015
0001338567	584-13-4	4-AMINO-1,2,4-TRIAZOLE		gm	03/24/2015
0001338566		PF SOLVENT		gal	03/24/2015
0001338565	110 51 2	PF SOLVENT		gal	03/24/2015
0001338572	110-54-3	N-HEXANE	1	1	03/24/2015
0001338573	110-54-3	N-HEXANE	10.1		03/24/2015 03/24/2015
0001330994		ALEX PLUS	10.1	02	03/24/2015
0001338568		RUTHENIUM, STANDARD SOLUTION	100	ml	03/24/2015
0001338574	110-54-3	N-HEXANE	1	1	03/24/2015
0001338619	64-17-5	ETHYL ALCOHOL DENATURED	4	I	03/24/2015
0001338622	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	500	ml	03/24/2015
0001338639	111-76-2	2-BUTOXYETHANOL	5	ml	03/24/2015
0001338624	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	500	ml	03/24/2015
0001338633	75-09-2	DICHLOROMETHANE	4	I	03/24/2015
0001338625	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	500	ml	03/24/2015
0001338626	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	500	ml	03/24/2015
0001338627	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	500	ml	03/24/2015
0001338628	105-53-3	DIETHYL MALONATE	10	gm	03/24/2015
0001338629	1109-15-5	TRIS(PENTAFLUOROPHENYL)BORANE	1	gm	03/24/2015
0001338623	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	500	ml	03/24/2015
0001338570	584-08-7	POTASSIUM CARBONATE	2.5	kg	03/24/2015
0001338580		UNQUENCHED STANDARDS	7		03/24/2015
0001338581	75-09-2	DICHLOROMETHANE	4	I	03/24/2015
0001338582	109-72-8	N-BUTYLLITHIUM 1.6M IN HEXANES	50	ul	03/24/2015
0001338579		ULTIMA GOLD	5	ml	03/24/2015
0001338578	7772-99-8	TIN(II) CHLORIDE	100	gm	03/24/2015
0001338583	109-72-8	N-BUTYLLITHIUM 1.6M IN HEXANES	50	ul	03/24/2015
0001338584	109-72-8	N-BUTYLLITHIUM 1.6M IN HEXANES	50	ul	03/24/2015
0001338585	109-72-8	N-BUTYLLITHIUM 1.6M IN HEXANES	50	ul	03/24/2015
0001338621	1310-73-2	SODIUM HYDROXIDE	500	gm	03/24/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001338620		CIDEHOL70	3.8	I	03/24/2015
0001338635	9002-84-0	POLYTETRAFLUOROETHYLENE	500	ml	03/24/2015
0001338630	1109-15-5	TRIS(PENTAFLUOROPHENYL)BORANE	1	gm	03/24/2015
0001338638	111-76-2	2-BUTOXYETHANOL		ml	03/24/2015
0001338575	109-72-8	N-BUTYLLITHIUM	100	ml	03/24/2015
0001338576		TRYPTIC SOY AGAR	500		03/24/2015
0001330887	65997-15-1	PORTLAND CEMENT	90		03/24/2015
0001330888	65997-15-1	PORTLAND CEMENT		lb	03/24/2015
0001330889	65997-15-1	PORTLAND CEMENT	90	lb	03/24/2015
0001338577	78560-45-9	TRIDECAFLUORO-1,1,2,2- TETRAHYDROOCTYL-TRICHLOROSILANE	10	gm	03/24/2015
0001338634	7440-31-5	TIN POWDER	100	gm	03/24/2015
0001338569		CHROMIUM (III) NITRATE HYDRATE	500	gm	03/24/2015
0001338636	1333-86-4	CARBON BLACK	25	gm	03/24/2015
0001338637	60-00-4	ETHYLENEDIAMINETETRAACETIC ACID	50	gm	03/24/2015
0001338571	110-54-3	N-HEXANE	1	I	03/24/2015
0001338632	86508-42-1	FC-77 FLUORINERT BRAND ELECTRONIC LIQUID	100	ml	03/24/2015
0001388640		SPOTCHECK PENETRANT SKL-SP	300	gm	03/24/2015
0001310685		SIKAFLEX	29	OZ	03/24/2015
0001310684		SIKAFLEX	29	OZ	03/24/2015
0001338618	64-17-5	ETHANOL	500	ml	03/24/2015
0001310683		SIKAFLEX	29	OZ	03/24/2015
0001338631	338-84-1	PERFLUORO-COMPOUND FC-70	100	ml	03/24/2015
0001310688		SIKAFLEX	29	OZ	03/24/2015
0001330995		100% SILICONE SEALANT	9.8	OZ	03/24/2015
0001310686		SIKAFLEX	29	OZ	03/24/2015
0001310687		SIKAFLEX	29	OZ	03/24/2015
0001360863	7440-59-7	HELIUM, ULTRA HIGH PURITY	220	cf	03/25/2015
0001360858	7440-59-7	HELIUM, ULTRA HIGH PURITY	220	cf	03/25/2015
0001360859	7440-59-7	HELIUM, ULTRA HIGH PURITY	220	cf	03/25/2015
0001360860	7440-59-7	HELIUM, ULTRA HIGH PURITY	220	cf	03/25/2015
0001360857	7440-59-7	HELIUM, ULTRA HIGH PURITY	220	cf	03/25/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001360862	7440-59-7	HELIUM, ULTRA HIGH PURITY	220	cf	03/25/2015
0001360861	7440-59-7	HELIUM, ULTRA HIGH PURITY	220	cf	03/25/2015
0001360856	7440-59-7	HELIUM, ULTRA HIGH PURITY	220	cf	03/25/2015
0001360855	7440-59-7	HELIUM, ULTRA HIGH PURITY	220	cf	03/25/2015
0001360864	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/25/2015
0001360866	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/25/2015
0001360841	811-97-2	AIR	220	cf	03/25/2015
0001360914	7727-37-9	NITROGEN	220	cf	03/25/2015
0001360915	7727-37-9	NITROGEN	220	cf	03/25/2015
0001360916	7727-37-9	NITROGEN	220	cf	03/25/2015
0001360917		P-10	220	cf	03/25/2015
0001360918		P-10	220	cf	03/25/2015
0001360919		P-10	220	cf	03/25/2015
0001360865	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/25/2015
0001360833	811-97-2	AIR	220	cf	03/25/2015
0001360759		WD-40	16	oz	03/25/2015
0001360757		CHAIN LUBE	15	oz	03/25/2015
0001360756		CHAIN LUBE	15	oz	03/25/2015
0001360754		LOCTITE GENERAL ADHESIVE	10.1	oz	03/25/2015
0001360752		LOCTITE GENERAL ADHESIVE	10.1	OZ	03/25/2015
0001360826	811-97-2	AIR	220	cf	03/25/2015
0001360827	811-97-2	AIR	220	cf	03/25/2015
0001360828	811-97-2	AIR	220	cf	03/25/2015
0001360829	811-97-2	AIR	220	cf	03/25/2015
0001360830	811-97-2	AIR	220	cf	03/25/2015
0001360843	811-97-2	AIR	220	cf	03/25/2015
0001360832	811-97-2	AIR	220	cf	03/25/2015
0001360844	811-97-2	AIR	220		03/25/2015
0001360834	811-97-2	AIR	220	cf	03/25/2015
0001360835	811-97-2	AIR	220		03/25/2015
0001360836	811-97-2	AIR	220		03/25/2015
0001360837	811-97-2	AIR	220		03/25/2015
0001360838	811-97-2	AIR	220		03/25/2015
0001360839	811-97-2	AIR	220		03/25/2015
0001360840	811-97-2	AIR	220		03/25/2015
0001360741		LEAK DETECTOR	1	gal	03/25/2015

Barcode	CAS#	Chemical Name	Container	Unit of	Date
Barcode	CAS#	Chemical Name	Size	Measure	Date
0001360842	811-97-2	AIR	220		03/25/2015
0001360913	7727-37-9	NITROGEN	220	cf	03/25/2015
0001360831	811-97-2	AIR	220	cf	03/25/2015
0001360938	74-98-6	PROPANE	11	gal	03/25/2015
0001360755		LOCTITE GENERAL ADHESIVE	10.1	OZ	03/25/2015
0001360929		P-10	220	cf	03/25/2015
0001360930		P-10	220	cf	03/25/2015
0001360931		P-10	220	cf	03/25/2015
0001360932	74-98-6	PROPANE	11	gal	03/25/2015
0001360933	74-98-6	PROPANE	11	gal	03/25/2015
0001360934	74-98-6	PROPANE		gal	03/25/2015
0001360935	74-98-6	PROPANE		gal	03/25/2015
0001360739		LEAK DETECTOR		gal	03/25/2015
0001360937	74-98-6	PROPANE		gal	03/25/2015
0001360926		P-10	220		03/25/2015
0001360854	7440-59-7	HELIUM, ULTRA HIGH PURITY	220	cf	03/25/2015
0001360853	7440-59-7	HELIUM, ULTRA HIGH PURITY	220	cf	03/25/2015
0001360852	7440-59-7	HELIUM, ULTRA HIGH PURITY	220	cf	03/25/2015
0001360851	7440-59-7	HELIUM, ULTRA HIGH PURITY	220	cf	03/25/2015
0001360850	7440-59-7	HELIUM, ULTRA HIGH PURITY	220	cf	03/25/2015
0001360849	811-97-2	AIR	220	cf	03/25/2015
0001360848	811-97-2	AIR	220	cf	03/25/2015
0001360847	811-97-2	AIR	220	cf	03/25/2015
0001360846	811-97-2	AIR	220		03/25/2015
0001360936	74-98-6	PROPANE	11	gal	03/25/2015
0001360920		P-10	220	cf	03/25/2015
0001360778	Multi	Oil-Dri	5	lb	03/25/2015
0001360738		LEAK DETECTOR	1	gal	03/25/2015
0001360740		LEAK DETECTOR		gal	03/25/2015
0001360742		LEAK DETECTOR		gal	03/25/2015
0001360743		LOCTITE GENERAL ADHESIVE	10.1		03/25/2015
0001360744		LOCTITE GENERAL ADHESIVE	10.1	OZ	03/25/2015
0001360745		LOCTITE GENERAL ADHESIVE	10.1	OZ	03/25/2015
0001360746		LOCTITE GENERAL ADHESIVE	10.1	OZ	03/25/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001360747		LOCTITE GENERAL ADHESIVE	10.1	oz	03/25/2015
0001360928		P-10	220	cf	03/25/2015
0001360845	811-97-2	AIR	220	cf	03/25/2015
0001360927		P-10	220	cf	03/25/2015
0001360921		P-10	220		03/25/2015
0001360922		P-10	220		03/25/2015
0001360923		P-10	220	cf	03/25/2015
0001360749		LOCTITE GENERAL ADHESIVE	10.1	oz	03/25/2015
0001360750		LOCTITE GENERAL ADHESIVE	10.1	OZ	03/25/2015
0001360751		LOCTITE GENERAL ADHESIVE	10.1	OZ	03/25/2015
0001360924		P-10	220	cf	03/25/2015
0001360925		P-10	220	cf	03/25/2015
0001360777	Multi	Oil-Dri	5	lb	03/25/2015
0001360748		LOCTITE GENERAL ADHESIVE	10.1	oz	03/25/2015
0001360899	7440-59-7	HELIUM	220	cf	03/25/2015
0001360802	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	03/25/2015
0001360893	7440-59-7	HELIUM	220	cf	03/25/2015
0001360894	7440-59-7	HELIUM	220	cf	03/25/2015
0001360895	7440-59-7	HELIUM	220	cf	03/25/2015
0001360794	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	03/25/2015
0001360793	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	03/25/2015
0001360792	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	03/25/2015
0001360791	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	03/25/2015
0001360790	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	03/25/2015
0001360789	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	03/25/2015
0001360788	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	03/25/2015
0001360896	7440-59-7	HELIUM	220	cf	03/25/2015
0001360891	7440-59-7	HELIUM	220		03/25/2015
0001360898	7440-59-7	HELIUM	220		03/25/2015
0001360890	7440-59-7	HELIUM	220	cf	03/25/2015
0001360900	7440-59-7	HELIUM	220	cf	03/25/2015
0001360901	7440-59-7	HELIUM	220	cf	03/25/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001360902	7440-59-7	HELIUM	220		03/25/2015
0001360903	7440-59-7	HELIUM	220	cf	03/25/2015
0001360811	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	03/25/2015
0001360810	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	03/25/2015
0001360809	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	03/25/2015
0001360808	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	03/25/2015
0001360807	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	03/25/2015
0001360806	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	03/25/2015
0001360805	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	03/25/2015
0001360804	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	03/25/2015
0001360795	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	03/25/2015
0001360897	7440-59-7	HELIUM	220	cf	03/25/2015
0001360882	7440-59-7	HELIUM	220	cf	03/25/2015
0001360796	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	03/25/2015
0001360797	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	03/25/2015
0001360798	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	03/25/2015
0001360799	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	03/25/2015
0001360876	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/25/2015
0001360877	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/25/2015
0001360878	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/25/2015
0001360879	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/25/2015
0001360880	7440-59-7	HELIUM	220	cf	03/25/2015
0001360821	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	03/25/2015
0001360820	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	03/25/2015
0001360819	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	03/25/2015

	222 !!	a	Container	Unit of	5.
Barcode	CAS#	Chemical Name	Size	Measure	Date
0001360892	7440-59-7	HELIUM	220		03/25/2015
0001360881	7440-59-7	HELIUM	220	cf	03/25/2015
0001360801	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	03/25/2015
0001360883	7440-59-7	HELIUM	220	cf	03/25/2015
0001360884	7440-59-7	HELIUM	220		03/25/2015
0001360885	7440-59-7	HELIUM	220	cf	03/25/2015
0001360817	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	03/25/2015
0001360816	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	03/25/2015
0001360815	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	03/25/2015
0001360814	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	03/25/2015
0001360813	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	03/25/2015
0001360812	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	03/25/2015
0001360886	7440-59-7	HELIUM	220	cf	03/25/2015
0001360887	7440-59-7	HELIUM	220	cf	03/25/2015
0001360888	7440-59-7	HELIUM	220	cf	03/25/2015
0001360889	7440-59-7	HELIUM	220	cf	03/25/2015
0001360818	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	03/25/2015
0001360783	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	03/25/2015
0001360753		LOCTITE GENERAL ADHESIVE	10.1	OZ	03/25/2015
0001360825	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	03/25/2015
0001360871	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/25/2015
0001360870	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/25/2015
0001360869	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/25/2015
0001360868	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/25/2015
0001360784	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	03/25/2015
0001360803	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	03/25/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001360873	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/25/2015
0001360782	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	l	03/25/2015
0001360781	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	03/25/2015
0001360780	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	03/25/2015
0001360779	1318-00-9	VERMICULITE, UNEXPANDED	18	lb	03/25/2015
0001360822	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	03/25/2015
0001360823	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	03/25/2015
0001360824	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	03/25/2015
0001360867	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/25/2015
0001360800	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	03/25/2015
0001360906	7440-59-7	HELIUM	220	cf	03/25/2015
0001360907	7440-59-7	HELIUM	220	cf	03/25/2015
0001328388		VITA-D-CHLOR	5	gal	03/25/2015
0001328389		VITA-D-CHLOR	5	gal	03/25/2015
0001331720	142-82-5	HEPTANE	1	qt	03/25/2015
0001360912	7727-37-9	NITROGEN	220	cf	03/25/2015
0001360872	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/25/2015
0001360905	7440-59-7	HELIUM	220	cf	03/25/2015
0001360874	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/25/2015
0001360911	7727-37-9	NITROGEN	220	cf	03/25/2015
0001360910	7727-37-9	NITROGEN	220	cf	03/25/2015
0001360787	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	03/25/2015
0001360786	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	03/25/2015
0001360785	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	03/25/2015
0001360909	7440-59-7	HELIUM	220	cf	03/25/2015
0001360908	7440-59-7	HELIUM	220		03/25/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001360875	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	03/25/2015
0001360904	7440-59-7	HELIUM	220	cf	03/25/2015
0001291789		rust-oleum stops rust gloss protective enamel	12	OZ	03/27/2015
0001291788		rust-oleum stops rust gloss protective enamel	12	OZ	03/27/2015
0001291790		rust-oleum stops rust gloss protective enamel	12	OZ	03/27/2015
0001291787		rust-oleum stops rust gloss protective enamel	12	OZ	03/27/2015
0001291776		RUST-OLEUM FEDERAL SAFETY RED	12	oz	03/27/2015
0001291767		rust-oleum stops rust gloss protective enamel	12	OZ	03/27/2015
0001291768		rust-oleum stops rust gloss protective enamel	12	OZ	03/27/2015
0001291769		rust-oleum stops rust gloss protective enamel	12	OZ	03/27/2015
0001291770		rust-oleum stops rust gloss protective enamel	12	OZ	03/27/2015
0001291771		rust-oleum stops rust gloss protective enamel	12	OZ	03/27/2015
0001291772		rust-oleum stops rust gloss protective enamel	12	OZ	03/27/2015
0001291773		RUST-OLEUM FEDERAL SAFETY RED	12	OZ	03/27/2015
0001291786		rust-oleum stops rust gloss protective enamel	12	OZ	03/27/2015
0001291775		RUST-OLEUM FEDERAL SAFETY RED	12	OZ	03/27/2015
0001291785		rust-oleum stops rust gloss protective enamel	12	OZ	03/27/2015
0001291777		RUST-OLEUM FEDERAL SAFETY RED	12	OZ	03/27/2015
0001291778		RUST-OLEUM FEDERAL SAFETY RED	12	OZ	03/27/2015
0001291779		rust-oleum stops rust gloss protective enamel	12	OZ	03/27/2015
0001291781		rust-oleum stops rust gloss protective enamel	12	OZ	03/27/2015
0001291783		rust-oleum stops rust gloss protective enamel	12	OZ	03/27/2015
0001291784		rust-oleum stops rust gloss protective enamel	12	OZ	03/27/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001291780		rust-oleum stops rust gloss protective enamel	12	OZ	03/27/2015
0001291774		RUST-OLEUM FEDERAL SAFETY RED	12	oz	03/27/2015
0001291782		rust-oleum stops rust gloss protective enamel	12	oz	03/27/2015
0001338664	407-25-0	TRIFLUOROACETIC ANHYDRIDE	100	gm	03/30/2015
0001291809		DO IT BEST PRIMER 770736 GRAY PRIMER	3.78	gal	03/30/2015
0001331024		33 GLAZING	32	OZ	03/30/2015
0001338669	37626-13-4	POLY[4,5-DIFLUORO-2,2-BIS(TRIFLUOROMETHYL)-1,3-DIOXOLE-CO-TETRAFLUOROETHYLENE]	1	gm	03/30/2015
0001338668	407-25-0	TRIFLUOROACETIC ANHYDRIDE	100	gm	03/30/2015
0001338667	407-25-0	TRIFLUOROACETIC ANHYDRIDE	100	gm	03/30/2015
0001338666	407-25-0	TRIFLUOROACETIC ANHYDRIDE	100	gm	03/30/2015
0001331009		SODA ASH	50	lb	03/30/2015
0001338643	69227-93-6	n-DODECYL-?-D-MALTOPYRANOSIDE	25	gm	03/30/2015
0001291813		DO IT BEST PRIMER 770736 GRAY PRIMER	3.78	gal	03/30/2015
0001338670	64-19-7	ACETIC ACID	2.5	I	03/30/2015
0001338663	407-25-0	TRIFLUOROACETIC ANHYDRIDE	100	gm	03/30/2015
0001338662	Multi	Titanium diisopropoxide bis(acetylacetonate)	500	ml	03/30/2015
0001338661	67-64-1	ACETONE	4		03/30/2015
0001338660	67-64-1	ACETONE	4	I	03/30/2015
0001338665	407-25-0	TRIFLUOROACETIC ANHYDRIDE	100	gm	03/30/2015
0001331001		SODA ASH	50	lb	03/30/2015
0001331008		SODA ASH	50	lb	03/30/2015
0001331007		SODA ASH	50		03/30/2015
0001331006		SODA ASH	50		03/30/2015
0001331005		SODA ASH	50	lb	03/30/2015
0001331004		SODA ASH	50	lb	03/30/2015
0001291811		DO IT BEST PRIMER 770736 GRAY PRIMER	3.78	gal	03/30/2015
0001331002		SODA ASH	50	lb	03/30/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001291812		DO IT BEST PRIMER 770736 GRAY PRIMER	3.78	gal	03/30/2015
0001331000		SODA ASH	50	lb	03/30/2015
0001291817		DO IT BEST PRIMER 770736 GRAY PRIMER	3.78	gal	03/30/2015
0001291816		DO IT BEST PRIMER 770736 GRAY PRIMER	3.78	gal	03/30/2015
0001291815		DO IT BEST PRIMER 770736 GRAY PRIMER	3.78	gal	03/30/2015
0001291814		DO IT BEST PRIMER 770736 GRAY PRIMER	3.78	gal	03/30/2015
0001291807		VALSPAR PAINT	3.78	gal	03/30/2015
0001331003		SODA ASH		lb	03/30/2015
0001338641	110-80-5	2-ETHOXYETHANOL		ml	03/30/2015
0001330997		SODA ASH	50	lb	03/30/2015
0001338647	75-09-2	DICHLOROMETHANE	4	I	03/30/2015
0001338646	75-09-2	DICHLOROMETHANE	4	I	03/30/2015
0001291791		VALSPAR PAINT	3.78	I	03/30/2015
0001338645	87871-87-2	Lithium-aluminum alloy	25	gm	03/30/2015
0001338649	75-09-2	DICHLOROMETHANE	4	I	03/30/2015
0001338642	110-80-5	2-ETHOXYETHANOL	0.5	ml	03/30/2015
0001338654	110-54-3	HEXANE	4	I	03/30/2015
0001331023		ARDEX FEATHER FINISH	10	lb	03/30/2015
0001331039		GATOR-AID ALLIGATING MASTIC ASPHALT PATCH	5	gal	03/30/2015
0001331040		GATOR-AID ALLIGATING MASTIC ASPHALT PATCH	5	gal	03/30/2015
0001331041		GATOR-AID ALLIGATING MASTIC ASPHALT PATCH	5	gal	03/30/2015
0001331042		GATOR-AID ALLIGATING MASTIC ASPHALT PATCH	5	gal	03/30/2015
0001330996		SODA ASH	50	lb	03/30/2015
0001338644	87871-87-2	Lithium-aluminum alloy	25	gm	03/30/2015
0001291793		VALSPAR PAINT	3.78	I	03/30/2015
0001291810		DO IT BEST PRIMER 770736 GRAY PRIMER	3.78	gal	03/30/2015
0001291808		VALSPAR PAINT	3.78	gal	03/30/2015
0001330998		SODA ASH		lb	03/30/2015
0001330999		SODA ASH	50	lb	03/30/2015
0001291796		VALSPAR PAINT	3.78	I	03/30/2015
0001338648	75-09-2	DICHLOROMETHANE	4	1.	03/30/2015
0001291794		VALSPAR PAINT	3.78	I	03/30/2015
0001291806		VALSPAR PAINT	3.78	gal	03/30/2015
0001291792		VALSPAR PAINT	3.78	I	03/30/2015
0001338659	67-64-1	ACETONE	4	1	03/30/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001338658	67-64-1	ACETONE	4	ı	03/30/2015
0001338657	110-54-3	HEXANE	4	†	03/30/2015
0001338656	110-54-3	HEXANE	4	I	03/30/2015
0001338655	110-54-3	HEXANE	4	I	03/30/2015
0001291795		VALSPAR PAINT	3.78	I	03/30/2015
0001291824		Liquid Nails	10	oz	03/30/2015
0001331049	65997-15-1	PORTLAND CEMENT	90	lb	03/30/2015
0001338586		ULTRA GRADE 19 OIL	1	I	03/30/2015
0001338587		ULTRA GRADE 19 OIL	1	1	03/30/2015
0001338650	67-63-0	ISOPROPYL ALCOHOL	1	gal	03/30/2015
0001338651	67-63-0	ISOPROPYL ALCOHOL		gal	03/30/2015
0001338652	67-63-0	ISOPROPYL ALCOHOL	1	gal	03/30/2015
0001338653	67-63-0	ISOPROPYL ALCOHOL	1	gal	03/30/2015
0001338592	71550-12-4	POLY(ALLYLAMINE HYDROCHLORIDE), AVG MN 50,000-65,000	5	gm	03/30/2015
0001338590	40244-90-4	CHLORODIISOPROPYLPHOSPHINE	50	ml	03/30/2015
0001338589	7560-83-0	N,N-Dicyclohexylmethylamine	250	gm	03/30/2015
0001291827		Liquid Nails	10	oz	03/30/2015
0001331048	65997-15-1	PORTLAND CEMENT	90	lb	03/30/2015
0001291825		Liquid Nails		oz	03/30/2015
0001291802		VALSPAR PAINT	3.78	gal	03/30/2015
0001291823		Liquid Nails	10	OZ	03/30/2015
0001291822		Liquid Nails	10	OZ	03/30/2015
0001291821		Liquid Nails	10	OZ	03/30/2015
0001291820		Liquid Nails		OZ	03/30/2015
0001291819		Liquid Nails		oz	03/30/2015
0001291818		Liquid Nails	10	OZ	03/30/2015
0001338588		ULTRA GRADE 19 OIL	1		03/30/2015
0001291801		VALSPAR PAINT	3.78	_	03/30/2015
0001331010		SODA ASH		lb	03/30/2015
0001291803		VALSPAR PAINT	3.78		03/30/2015
0001291805		VALSPAR PAINT	3.78		03/30/2015
0001291826		Liquid Nails		OZ 	03/30/2015
0001331018		SODA ASH		lb	03/30/2015
0001291804		VALSPAR PAINT	3.78		03/30/2015
0001331022		SODA ASH		lb	03/30/2015
0001331011		SODA ASH		lb	03/30/2015
0001331012		SODA ASH		lb	03/30/2015
0001331013		SODA ASH		lb	03/30/2015
0001331014		SODA ASH		lb	03/30/2015
0001331015		SODA ASH		lb	03/30/2015
0001331017		SODA ASH	J 50	lb	03/30/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001331019		SODA ASH	50	lb	03/30/2015
0001331020		SODA ASH	50	lb	03/30/2015
0001331021		SODA ASH	50	_	03/30/2015
0001331016		SODA ASH	50		03/30/2015
0001291799		VALSPAR PAINT	3.78		03/30/2015
0001291800		VALSPAR PAINT	3.78		03/30/2015
0001291797		VALSPAR PAINT	3.78		03/30/2015
0001291798	1	VALSPAR PAINT	3.78	I	03/30/2015
0001338859		PTFE RELEASE AGENT DRY LU	14	OZ	03/31/2015
0001338715	7646-79-9	COBALT (II) CHLORIDE		lb	03/31/2015
0001338716	7646-79-9	COBALT (II) CHLORIDE	5	lb	03/31/2015
0001331031		ES COMPLEAT OAT ETHYLENE GLYCOL	1	gal	03/31/2015
0001331030		ES COMPLEAT OAT ETHYLENE GLYCOL	1	gal	03/31/2015
0001338717	67-64-1	ACETONE	4	I	03/31/2015
0001331029		ES COMPLEAT OAT ETHYLENE GLYCOL	1	gal	03/31/2015
0001338718	67-64-1	ACETONE	4	I	03/31/2015
0001338719	67-64-1	ACETONE	4	I	03/31/2015
0001338856		PTFE RELEASE AGENT DRY LU	14	OZ	03/31/2015
0001338858		PTFE RELEASE AGENT DRY LU	14	OZ	03/31/2015
0001338679	10340-91-7	BENZYL ISOCYANIDE	1	gm	03/31/2015
0001338860		PTFE RELEASE AGENT DRY LU	14	OZ	03/31/2015
0001338861		PTFE RELEASE AGENT DRY LU	14	OZ	03/31/2015
0001338862		PTFE RELEASE AGENT DRY LU	14	OZ	03/31/2015
0001331028		ES COMPLEAT OAT ETHYLENE GLYCOL	1	gal	03/31/2015
0001338863		PTFE RELEASE AGENT DRY LU	14	OZ	03/31/2015
0001338864		PTFE RELEASE AGENT DRY LU	14	OZ	03/31/2015
0001338865		PTFE RELEASE AGENT DRY LU	14	OZ	03/31/2015
0001338720	67-64-1	ACETONE	4	I	03/31/2015
0001338721	67-64-1	ACETONE	4	l	03/31/2015
0001338857		PTFE RELEASE AGENT DRY LU	14	OZ	03/31/2015
0001338707	67-64-1	ACETONE	4	I	03/31/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001338696	67-64-1	ACETONE	4	l	03/31/2015
0001338697	67-64-1	ACETONE	4	I	03/31/2015
0001338698	67-64-1	ACETONE	4	I	03/31/2015
0001338699	67-64-1	ACETONE	4		03/31/2015
0001338700	67-64-1	ACETONE	4		03/31/2015
0001338701	67-64-1	ACETONE	4		03/31/2015
0001338702	67-64-1	ACETONE	4	 	03/31/2015
0001338703	67-64-1	ACETONE	4	[] -	03/31/2015
0001338704	67-64-1	ACETONE	4		03/31/2015
0001338705	67-64-1	ACETONE	4		03/31/2015
0001338714	7646-79-9	COBALT (II) CHLORIDE	5	lb	03/31/2015
0001338855		PTFE RELEASE AGENT DRY LU		oz	03/31/2015
0001338713	7646-79-9	COBALT (II) CHLORIDE	5	lb	03/31/2015
0001338708	67-64-1	ACETONE	4	I	03/31/2015
0001338709	67-64-1	ACETONE	4	I	03/31/2015
0001338737	553-26-4	4,4-DIPYRIDYL		gm	03/31/2015
0001338736	120-12-7	ANTHRACENE	25	gm	03/31/2015
0001338868		PTFE RELEASE AGENT DRY LU	14	OZ	03/31/2015
0001338733	931-53-3	CYCLOHEXYLISOCYANIDE	1	gm	03/31/2015
0001338722	67-64-1	ACETONE	4	I	03/31/2015
0001338688	7188-38-7	tert-Butyl isocyanide	1	gm	03/31/2015
0001338710	67-64-1	ACETONE	4		03/31/2015
0001338695	67-64-1	ACETONE	4	I	03/31/2015
0001338706	67-64-1	ACETONE	4	I	03/31/2015
0001338901	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338767	7732-18-5	WATER	100	ml	03/31/2015
0001338768	7732-18-5	WATER	100		03/31/2015
0001338769	7732-18-5	WATER	100	ml	03/31/2015
0001338815	51364-51-3	TRIS(DIBENZYLIDENEACETONE)DIPALLADI UM(0)	5	gm	03/31/2015
0001338689	7647-01-0	HYDROCHLORIC ACID TRACE METAL-35%	500	ml	03/31/2015
0001338816	51364-51-3	TRIS(DIBENZYLIDENEACETONE)DIPALLADI UM(0)	5	gm	03/31/2015
0001338817	51364-51-3	TRIS(DIBENZYLIDENEACETONE)DIPALLADI UM(0)	5	gm	03/31/2015
0001338905	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338904	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338866		PTFE RELEASE AGENT DRY LU	14	OZ	03/31/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001338902	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338851		PTFE RELEASE AGENT DRY LU	14	OZ	03/31/2015
0001338900	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338899	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338789	7647-01-0	HYDROCHLORIC ACID, 37.5%	4	I	03/31/2015
0001338895	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338845		PTFE RELEASE AGENT DRY LU	14	OZ	03/31/2015
0001338896	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338897	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338898	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338726	67-64-1	ACETONE	4	I	03/31/2015
0001338903	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338693	7647-01-0	HYDROCHLORIC ACID TRACE METAL-35%	500	ml	03/31/2015
0001338724	67-64-1	ACETONE	4	ı	03/31/2015
0001338687	1310-73-2	SODIUM HYDROXIDE .1N	1	ı	03/31/2015
0001338686	1310-73-2	SODIUM HYDROXIDE .1N	1	ı	03/31/2015
0001338678	1310-73-2	SODIUM HYDROXIDE .1N	1	ı	03/31/2015
0001338867		PTFE RELEASE AGENT DRY LU	14	OZ	03/31/2015
0001338869	68410-23-1	VERSAMID 140 POLYAMIDE RESIN	1	qt	03/31/2015
0001338735	108-88-3	TOLUENE, SEALED BACKGROUND STANDARD	20	ml	03/31/2015
0001338734	108-88-3	TOLUENE, SEALED BACKGROUND STANDARD	20	ml	03/31/2015
0001338712	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	1	I	03/31/2015
0001338766	7732-18-5	WATER	100	ml	03/31/2015
0001338694	7647-01-0	HYDROCHLORIC ACID TRACE METAL-35%	500		03/31/2015
0001338850		PTFE RELEASE AGENT DRY LU	14	OZ	03/31/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001338692	7647-01-0	HYDROCHLORIC ACID TRACE METAL-35%	500	ml	03/31/2015
0001338691	7647-01-0	HYDROCHLORIC ACID TRACE METAL-35%	500	ml	03/31/2015
0001338725	67-64-1	ACETONE	4	I	03/31/2015
0001338849		PTFE RELEASE AGENT DRY LU	14	oz	03/31/2015
0001338823		CONFORMAL COATING	3.6	kg	03/31/2015
0001331027		LACQUER THINNER	1	gal	03/31/2015
0001331026		COTE ALL MULTI-PURPOSE ENAMEL	1	gal	03/31/2015
0001338690	7647-01-0	HYDROCHLORIC ACID TRACE METAL-35%	500	ml	03/31/2015
0001338852		PTFE RELEASE AGENT DRY LU	14	OZ	03/31/2015
0001338723	67-64-1	ACETONE	4	I	03/31/2015
0001338711	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	1	l	03/31/2015
0001338942	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338596	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	1	I	03/31/2015
0001338677	1310-73-2	SODIUM HYDROXIDE .1N	1	I	03/31/2015
0001338743	64-17-5	ETHANOL	4	I	03/31/2015
0001338742	6046-93-1	CUPRIC ACETATE MONOHYDRATE	100	gm	03/31/2015
0001338741	9007-31-2	CLUPEINE	1	gm	03/31/2015
0001338939	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338847		PTFE RELEASE AGENT DRY LU	14	OZ	03/31/2015
0001338941	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338593	829-85-6	DIPHENYLPHOSPHINE	10	gm	03/31/2015
0001338943	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338944	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338945	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338946	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338947	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001338948	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338949	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338940	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001331935	1310-73-2	Sodium Hydroxide 25%	3400	lb	03/31/2015
0001338880	100-42-5	STYRENE	100	ml	03/31/2015
0001338879	7440-47-3	CHROMIUM POWDER	500	gm	03/31/2015
0001338878	7664-93-9	SULFURIC ACID	465	lb	03/31/2015
0001338877	7664-93-9	SULFURIC ACID	465	lb	03/31/2015
0001338876	7664-93-9	SULFURIC ACID	465	lb	03/31/2015
0001338875	7664-93-9	SULFURIC ACID	465	lb	03/31/2015
0001338673		Intellipack SmartFoam A	55	gal	03/31/2015
0001338595	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	1	I	03/31/2015
0001338675	64-17-5	ETHYL ALCOHOL	4	I	03/31/2015
0001338594	7632-00-0	SODIUM NITRITE	5000	gm	03/31/2015
0001331936	1310-73-2	Sodium Hydroxide 25%	3400		03/31/2015
0001331937	1310-73-2	Sodium Hydroxide 25%	3400	lb	03/31/2015
0001331938	1310-73-2	Sodium Hydroxide 25%	3400	lb	03/31/2015
0001331939	1310-73-2	Sodium Hydroxide 25%	3400	lb	03/31/2015
0001331800		ALUMINA, DRY POWDER	5	lb	03/31/2015
0001338591		Glucose Assay Reagent	50	ml	03/31/2015
0001338842		ULTRA GRADE 19 OIL	1	I	03/31/2015
0001338674		Intellipack SmartFoam B	55	gal	03/31/2015
0001338738	14762-74-4	CARBON-13,99%		gm	03/31/2015
0001338950	1310-73-2	SODIUM HYDROXIDE PELLETS	50		03/31/2015
0001338763	7732-18-5	WATER	100	ml	03/31/2015
0001338762	7732-18-5	WATER	100		03/31/2015
0001338761	7732-18-5	WATER	100		03/31/2015
0001338760	7732-18-5	WATER	100		03/31/2015
0001331025		rust reformer	1	gal	03/31/2015
0001338759		EPOXY	350		03/31/2015
0001338765	7732-18-5	WATER	100		03/31/2015
0001338740	161265-03-8	4,5-Bis(diphenylphosphino)-9,9- dimethylxanthene	1	gm	03/31/2015
0001338731	67-64-1	ACETONE	4	I	03/31/2015
0001338732	67-64-1	ACETONE	4		03/31/2015
0001338937	1310-73-2	SODIUM HYDROXIDE PELLETS	50		03/31/2015
0001338936	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001338935	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338934	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338933	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338932	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338758		EPOXY	350	gm	03/31/2015
0001338807		NITROGEN AMMONIA STANDARD SOLUTION 100mg/L	500	ml	03/31/2015
0001338961		FANTASTIKE ALL PURPOSE CLEANER	32	oz	03/31/2015
0001338841		ULTRA GRADE 19 OIL	1	I	03/31/2015
0001338938	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338840		ULTRA GRADE 19 OIL	1	ı	03/31/2015
0001338839		ULTRA GRADE 19 OIL	1	I	03/31/2015
0001338822		1X Tris EDTA Solution	100	ml	03/31/2015
0001338821	10034-85-2	HYDRIODIC ACID	250	ml	03/31/2015
0001338764	7732-18-5	WATER	100	ml	03/31/2015
0001338808		NITROGEN AMMONIA STANDARD SOLUTION 100mg/L	500	ml	03/31/2015
0001338843		ULTRA GRADE 19 OIL	1	I	03/31/2015
0001338806		NITROGEN AMMONIA STANDARD SOLUTION 100mg/L	500	ml	03/31/2015
0001338805		NITROGEN AMMONIA STANDARD SOLUTION 100mg/L	500	ml	03/31/2015
0001338804		NITROGEN AMMONIA STANDARD SOLUTION 100mg/L	500	ml	03/31/2015
0001338727	67-64-1	ACETONE	4	I	03/31/2015
0001338728	67-64-1	ACETONE	4		03/31/2015
0001338729	67-64-1	ACETONE	4		03/31/2015
0001338730	67-64-1	ACETONE	4	1	03/31/2015
0001338809	7803-49-8	HYDROXYLAMINE	100	ml	03/31/2015
0001338794		SCOTCHCAST ELECTRICAL RESIN	1	qt	03/31/2015
0001338955	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001338848		PTFE RELEASE AGENT DRY LU	14	oz	03/31/2015
0001338846		PTFE RELEASE AGENT DRY LU	14	oz	03/31/2015
0001338931	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338844		ULTRA GRADE 19 OIL	1	I	03/31/2015
0001331943	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	03/31/2015
0001331941	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	03/31/2015
0001338598	75-09-2	DICHLOROMETHANE	1	l	03/31/2015
0001338795		SCOTCHCAST ELECTRICAL RESIN	1	qt	03/31/2015
0001338676	67-64-1	ACETONE	4	I	03/31/2015
0001338793		SCOTCHCAST ELECTRICAL RESIN	1	qt	03/31/2015
0001338792		SCOTCHCAST ELECTRICAL RESIN	1	qt	03/31/2015
0001338791	5343-92-0	1,2-Pentanediol	500	ml	03/31/2015
0001331940	7705-08-0	FERRIC CHLORIDE	3400	lb	03/31/2015
0001338958	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338957	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338959		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	03/31/2015
0001338796	64-17-5	ETHYL ALCOHOL, 95%	4	I	03/31/2015
0001331946	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	03/31/2015
0001338787		NITRIC ACID 0.1N SOLUTION	1	I	03/31/2015
0001338786		NITRIC ACID 0.1N SOLUTION	1	I	03/31/2015
0001338785	60-29-7	ETHER (DIETHYL ETHER, ETHYL ETHER)	1	I	03/31/2015
0001338784	60-29-7	ETHER (DIETHYL ETHER, ETHYL ETHER)	1	I	03/31/2015
0001338783	1314-37-0	YTTERBIUM OXIDE 99.9%	1	kg	03/31/2015
0001338782	12061-16-4	ERBIUM OXIDE		kg	03/31/2015
0001338781	1295-35-8	BIS(1,5-CYCLOOCTADIENE)NICKEL(0)	10	gm	03/31/2015
0001338597	9048-46-8	BOVINE ALBUMIN-HP, FRACTION V	100	gm	03/31/2015
0001331942	7732-18-5	Hydrochloric Acid 30-31%	3000	lb	03/31/2015
0001338954	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001331945	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	03/31/2015
0001331944	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	03/31/2015
0001338906	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338907	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338908	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338909	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338910	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001148943	7778-18-9	DRIERITE, 8 MESH	2	kg	03/31/2015
0001338968		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	03/31/2015
0001338956	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338924	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338925	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338926	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338928	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338672		PERMATREAT	55	gal	03/31/2015
0001338930	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338922	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338969		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	03/31/2015
0001338921	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338967		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	03/31/2015
0001338966		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	03/31/2015
0001338965		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	03/31/2015
0001338964		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	03/31/2015
0001338963		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	03/31/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001338962		FANTASTIKE ALL PURPOSE CLEANER	32	oz	03/31/2015
0001338788	7647-01-0	HYDROCHLORIC ACID, 37.5%	4	I	03/31/2015
0001338970		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	03/31/2015
0001338917	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338953	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338952	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338951	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338911	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338912	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338913	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338914	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338923	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338916	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338960		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	03/31/2015
0001338918	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338919	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338920	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338790	5343-92-0	1,2-Pentanediol	500	ml	03/31/2015
0001338739	32005-36-0	BIS(DIBENZYLIDENE ACETONE) PALLADIUM (0)		mg	03/31/2015
0001338854		PTFE RELEASE AGENT DRY LU	14	OZ	03/31/2015
0001338927	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338915	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338802	67-63-0	ISOPROPYL ALCOHOL	1	I	03/31/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001338853		PTFE RELEASE AGENT DRY LU	14	OZ	03/31/2015
0001338801	67-63-0	ISOPROPYL ALCOHOL	1	I	03/31/2015
0001338803		NITROGEN AMMONIA STANDARD SOLUTION 100mg/L	500	ml	03/31/2015
0001331032		ES COMPLEAT OAT ETHYLENE GLYCOL	1	gal	03/31/2015
0001331033		ES COMPLEAT OAT ETHYLENE GLYCOL	1	gal	03/31/2015
0001331034		ES COMPLEAT OAT ETHYLENE GLYCOL	55	gal	03/31/2015
0001331035		ES COMPLEAT OAT ETHYLENE GLYCOL	55	gal	03/31/2015
0001338797	67-63-0	ISOPROPYL ALCOHOL	1	I	03/31/2015
0001338798	67-63-0	ISOPROPYL ALCOHOL	1	I	03/31/2015
0001338799	67-63-0	ISOPROPYL ALCOHOL	1	I	03/31/2015
0001338929	1310-73-2	SODIUM HYDROXIDE PELLETS	50	lb	03/31/2015
0001338800	67-63-0	ISOPROPYL ALCOHOL	1	I	03/31/2015
0001338753	107-46-0	HEXAMETHYLDISILOXANE	500	ml	03/31/2015
0001338745	64-17-5	ETHANOL	4	1	03/31/2015
0001338746	64-17-5	ETHANOL	4	1	03/31/2015
0001338747	67-63-0	2-PROPANOL	4		03/31/2015
0001338874	8017-16-1	POLYPHOSPHORIC ACID		kg	03/31/2015
0001338873	7732-18-5	WATER HPLC GRADE	4		03/31/2015
0001338872	7732-18-5	WATER HPLC GRADE	4		03/31/2015
0001338870	105-05-5	1,4-DIETHYLBENZENE		ml	03/31/2015
0001338752	107-46-0	HEXAMETHYLDISILOXANE Neolube 1	500		03/31/2015
0001338755 0001338744	64-17-5	ETHANOL	4	OZ I	03/31/2015 03/31/2015
0001338744	107-46-0	HEXAMETHYLDISILOXANE	500		03/31/2015
0001338730	107-46-0	HEXAMETHYLDISILOXANE	500		03/31/2015
0001338757	107 10 0	NEOLUBE NO. 2 DRY FILM LUBRICANT		pt	03/31/2015
0001338756		NEOLUBE NO. 2 DRY FILM LUBRICANT	1	pt	03/31/2015
0001338751	107-46-0	HEXAMETHYLDISILOXANE	500	ml	03/31/2015
0001338731	107-46-0	HEXAMETHYLDISILOXANE	500		03/31/2015
0001338871	1832-54-8	Isopropyl methylphosphonate	500		03/31/2015
0001338754		Neolube 1	ρ	OZ	03/31/2015
0001338734		ARGON/METHANE	220		04/01/2015
0001330373	811-97-2	AIRIT SUPER FRIENDLY DUSTER		OZ	04/01/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001339125	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339126	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	oz	04/01/2015
0001360969		ARGON/METHANE	220	cf	04/01/2015
0001360970		ARGON/METHANE	220		04/01/2015
0001361070	7727-37-9	NITROGEN	220		04/01/2015
0001360972		ARGON/METHANE	220	cf	04/01/2015
0001339121	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	oz	04/01/2015
0001331687	9002-18-0	AGAR POWDER	1000	ml	04/01/2015
0001339008	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	oz	04/01/2015
0001339009	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339010	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339199	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	oz	04/01/2015
0001360971		ARGON/METHANE	220	cf	04/01/2015
0001339122	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001361069	7727-37-9	NITROGEN	220	cf	04/01/2015
0001339120	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	oz	04/01/2015
0001339119	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339118	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339057	109-99-9	TETRAHYDROFURAN	1	I	04/01/2015
0001339056	109-99-9	TETRAHYDROFURAN	1	I	04/01/2015
0001339055	109-99-9	TETRAHYDROFURAN	1	1	04/01/2015
0001339054	109-99-9	TETRAHYDROFURAN	1	1	04/01/2015
0001339053	109-99-9	TETRAHYDROFURAN	1	1	04/01/2015
0001339052	109-99-9	TETRAHYDROFURAN	1	I	04/01/2015
0001339203	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339202	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	oz	04/01/2015
0001339201	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339123	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339223	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001339229	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339186	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	oz	04/01/2015
0001339187	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	oz	04/01/2015
0001339111	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339228	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339227	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339226	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001338882	1792-81-0	CIS-1,2-CYCLOHEXANEDIOL	1	gm	04/01/2015
0001338881	7705-08-0	IRON(III) CHLORIDE		gm	04/01/2015
0001338828		HCL Custom Standard	2.5		04/01/2015
0001339058	64-17-5	ETHANOL, ANHYDROUS		gal	04/01/2015
0001339062	6156-78-1	MANGANESE PLASMA STANDARD		ml	04/01/2015
0001339063	108-88-3	TOLUENE ANHYDROUS	1	I	04/01/2015
0001361071	7727-37-9	NITROGEN	220		04/01/2015
0001361061	7727-37-9	NITROGEN	220		04/01/2015
0001361068	7727-37-9	NITROGEN	220		04/01/2015
0001361067	7727-37-9	NITROGEN	220	1	04/01/2015
0001361066	7727-37-9	NITROGEN	220		04/01/2015
0001361065	7727-37-9	NITROGEN	220		04/01/2015
0001361064	7727-37-9	NITROGEN	220		04/01/2015
0001339225	811-97-2	AIRIT SUPER FRIENDLY DUSTER		OZ	04/01/2015
0001361062	7727-37-9	NITROGEN	220	cf	04/01/2015
0001339224	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001361060	7727-37-9	NITROGEN	220	cf	04/01/2015
0001339219	811-97-2	AIRIT SUPER FRIENDLY DUSTER		oz	04/01/2015
0001339220	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339221	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	oz	04/01/2015
0001339222	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	oz	04/01/2015
0001361059	7727-37-9	NITROGEN	220	cf	04/01/2015
0001361063	7727-37-9	NITROGEN	220		04/01/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001339116	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339200	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339218	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339217	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001361074	7727-37-9	NITROGEN	220	cf	04/01/2015
0001339194	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	oz	04/01/2015
0001339195	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339196	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339197	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001361130		2.5% METHANE/BAL. AIR	100	I	04/01/2015
0001360960		ARGON/METHANE	220	cf	04/01/2015
0001360961		ARGON/METHANE	220	cf	04/01/2015
0001360962		ARGON/METHANE	220		04/01/2015
0001360963		ARGON/METHANE	220	cf	04/01/2015
0001361076	7727-37-9	NITROGEN	220	cf	04/01/2015
0001302917		PLATINUM CHLORIDE SOLUTION, 10%	25	ml	04/01/2015
0001361072	7727-37-9	NITROGEN	220	cf	04/01/2015
0001339046		HN03 Custom Standard	125	ml	04/01/2015
0001339047		POTASSIUM STANDARD	125	ml	04/01/2015
0001339048		LITHIUM STANDARD	125	ml	04/01/2015
0001339049	7440-23-5	SODIUM STANDARD SOLUTION	125	ml	04/01/2015
0001360964		ARGON/METHANE	220	cf	04/01/2015
0001339051	7439-89-6	IRON STANDARD SOLUTION	125	ml	04/01/2015
0001360965		ARGON/METHANE	220	cf	04/01/2015
0001338814	13463-67-7	Fiberset PM - White	5	gal	04/01/2015
0001338886	64-17-5	ETHYL ALCOHOL 200 PROOF	4	I	04/01/2015
0001338971	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	100	ml	04/01/2015
0001338972	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	100	ml	04/01/2015
0001339117	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001361077	7727-37-9	NITROGEN	220	cf	04/01/2015
0001339050		ALUMINUM STANDARD	125	ml	04/01/2015
0001361047	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	04/01/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001361058	7727-37-9	NITROGEN	220	cf	04/01/2015
0001361057	7727-37-9	NITROGEN	220		04/01/2015
0001361056	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	04/01/2015
0001339185	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	oz	04/01/2015
0001360968		ARGON/METHANE	220	cf	04/01/2015
0001339236	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	oz	04/01/2015
0001360967		ARGON/METHANE	220	cf	04/01/2015
0001361055	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	04/01/2015
0001361054	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	04/01/2015
0001361053	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	04/01/2015
0001361052	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	04/01/2015
0001361051	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	04/01/2015
0001361050	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	04/01/2015
0001361075	7727-37-9	NITROGEN	220	cf	04/01/2015
0001339192	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	oz	04/01/2015
0001361078	7727-37-9	NITROGEN	220	cf	04/01/2015
0001361079	7727-37-9	NITROGEN	220	cf	04/01/2015
0001361080	7727-37-9	NITROGEN	220	cf	04/01/2015
0001360966		ARGON/METHANE	220	cf	04/01/2015
0001339198	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001361049	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	04/01/2015
0001339193	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001361048	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	04/01/2015
0001339191	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339190	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339189	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339188	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001361046	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	04/01/2015
0001361073	7727-37-9	NITROGEN	220		04/01/2015
0001361045	7440-37-1	ARGON ULTRA HIGH PURITY	220		04/01/2015
0001339045	111-76-2	PLASMA STANDARD	125		04/01/2015
0001361115	7727-37-9	NITROGEN	40		04/01/2015
0001361105	811-97-2	AIR	220		04/01/2015
0001361106	811-97-2	AIR	220		04/01/2015
0001361107	811-97-2	AIR	220		04/01/2015
0001361108	811-97-2	AIR	220	cf	04/01/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001361109	7727-37-9	NITROGEN	125		04/01/2015
0001361110	7727-37-9	NITROGEN	125	cf	04/01/2015
0001339182	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	oz	04/01/2015
0001339183	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	oz	04/01/2015
0001339184	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339213	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339214	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339215	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001361103	811-97-2	AIR	220	cf	04/01/2015
0001338995	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001361100	7727-37-9	NITROGEN	220	cf	04/01/2015
0001361113	7782-44-7	OXYGEN	40	cf	04/01/2015
0001361112	7727-37-9	NITROGEN	125	cf	04/01/2015
0001361111	7727-37-9	NITROGEN	125	cf	04/01/2015
0001339007	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	oz	04/01/2015
0001339216	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339005	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001338980	3380-34-5	TRICLOSAN	1	gm	04/01/2015
0001338994	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	oz	04/01/2015
0001338993	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001338992	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339065	108-88-3	TOLUENE ANHYDROUS	1	I	04/01/2015
0001361120	7727-37-9	NITROGEN	20	cf	04/01/2015
0001361102	811-97-2	AIR	220	cf	04/01/2015
0001339006	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	oz	04/01/2015
0001361097	7727-37-9	NITROGEN	220	cf	04/01/2015
0001361099	7727-37-9	NITROGEN	220		04/01/2015
0001339181	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339180	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001339179	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	oz	04/01/2015
0001339178	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	oz	04/01/2015
0001339177	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339176	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339175	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339132	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339131	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339130	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339129	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339128	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001361104	811-97-2	AIR	220	cf	04/01/2015
0001361091	7727-37-9	NITROGEN	220	cf	04/01/2015
0001361101	7727-37-9	NITROGEN	220	cf	04/01/2015
0001361085	7727-37-9	NITROGEN	220	cf	04/01/2015
0001361086	7727-37-9	NITROGEN	220	cf	04/01/2015
0001361087	7727-37-9	NITROGEN	220	cf	04/01/2015
0001361088	7727-37-9	NITROGEN	220	cf	04/01/2015
0001339127	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	oz	04/01/2015
0001361090	7727-37-9	NITROGEN	220	cf	04/01/2015
0001361098	7727-37-9	NITROGEN	220	cf	04/01/2015
0001361092	7727-37-9	NITROGEN	220	cf	04/01/2015
0001361093	7727-37-9	NITROGEN	220	cf	04/01/2015
0001361094	7727-37-9	NITROGEN	220	cf	04/01/2015
0001361095	7727-37-9	NITROGEN	220	cf	04/01/2015
0001361096	7727-37-9	NITROGEN	220		04/01/2015
0001338996	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001361089	7727-37-9	NITROGEN	220	cf	04/01/2015
0001360982		ARGON/METHANE	220		04/01/2015
0001361114	7782-44-7	OXYGEN	40		04/01/2015
0001339238	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339237	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001360994		ARGON/METHANE	220		04/01/2015
0001360993		ARGON/METHANE	220		04/01/2015
0001360992		ARGON/METHANE	220		04/01/2015
0001360991		ARGON/METHANE	220		04/01/2015
0001360990		ARGON/METHANE	220		04/01/2015
0001360989		ARGON/METHANE	220		04/01/2015
0001360988		ARGON/METHANE	220		04/01/2015
0001360987		ARGON/METHANE	220		04/01/2015
0001360986		ARGON/METHANE	220		04/01/2015
0001360985		ARGON/METHANE	220	ct	04/01/2015
0001339240	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	oz	04/01/2015
0001360976		ARGON/METHANE	220	cf	04/01/2015
0001339230	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	oz	04/01/2015
0001339231	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339233	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339235	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339232	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001360984		ARGON/METHANE	220		04/01/2015
0001360975		ARGON/METHANE	220		04/01/2015
0001360983		ARGON/METHANE	220		04/01/2015
0001360977		ARGON/METHANE	220		04/01/2015
0001360978		ARGON/METHANE	220		04/01/2015
0001360979		ARGON/METHANE	220		04/01/2015
0001360980		ARGON/METHANE	220		04/01/2015
0001360981		ARGON/METHANE	220		04/01/2015
0001331949	1310-73-2	Sodium Hydroxide 25%	3400		04/01/2015
0001360974		ARGON/METHANE	220	ct	04/01/2015
0001339114	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	oz	04/01/2015
0001338997	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001338998	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001338999	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339000	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339001	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001339002	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	oz	04/01/2015
0001339003	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339004	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001361116	7727-37-9	NITROGEN	40	cf	04/01/2015
0001361117	7727-37-9	NITROGEN	40	cf	04/01/2015
0001361084	7727-37-9	NITROGEN	220	cf	04/01/2015
0001361083	7727-37-9	NITROGEN	220	cf	04/01/2015
0001361082	7727-37-9	NITROGEN	220	cf	04/01/2015
0001339239	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	oz	04/01/2015
0001338883	556-48-9	1,4-CYCLOHEXANEDIOL	25	gm	04/01/2015
0001331950	1310-73-2	Sodium Hydroxide 25%	3400	lb	04/01/2015
0001338990		Ammonia pH-adjusting ISA	425	ml	04/01/2015
0001338991	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001331951	1310-73-2	Sodium Hydroxide 25%	3400	lb	04/01/2015
0001331952	1310-73-2	Sodium Hydroxide 25%	3400	lb	04/01/2015
0001339115	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001361119	7727-37-9	NITROGEN	20	cf	04/01/2015
0001361118	7727-37-9	NITROGEN	40	cf	04/01/2015
0001339043		INSTRUMENT CHECK STANDARD 3	125	ml	04/01/2015
0001339044		CALCIUM STANDARD	125	ml	04/01/2015
0001361081	7727-37-9	NITROGEN	220	cf	04/01/2015
0001339112	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339113	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339011	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001331953	1310-73-2	Sodium Hydroxide 25%	3400	lb	04/01/2015
0001339070	110-54-3	HEXANE (HEXANE, ANHYDROUS)	1	I	04/01/2015
0001339067	108-88-3	TOLUENE ANHYDROUS	1	ı	04/01/2015
0001361037	7440-37-1	ARGON ULTRA HIGH PURITY	220		04/01/2015
0001361038	7440-37-1	ARGON ULTRA HIGH PURITY	220		04/01/2015
0001361039	7440-37-1	ARGON ULTRA HIGH PURITY	220		04/01/2015
0001361040	7440-37-1	ARGON ULTRA HIGH PURITY	220		04/01/2015
0001338981	9003-53-6	POLYSTYRENE		gm	04/01/2015
0001338983	67-64-1	ACETONE REAGENT ACS	1		04/01/2015
0001338984	67-64-1	ACETONE REAGENT ACS	1		04/01/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001338985		Ammonia pH-adjusting ISA	425	ml	04/01/2015
0001361041	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	04/01/2015
0001339073	110-54-3	HEXANE (HEXANE, ANHYDROUS)	1	I	04/01/2015
0001361042	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	04/01/2015
0001361035	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	04/01/2015
0001339071	110-54-3	HEXANE (HEXANE, ANHYDROUS)	1	I	04/01/2015
0001339106	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339069	110-54-3	HEXANE (HEXANE, ANHYDROUS)	1	I	04/01/2015
0001339068	108-88-3	TOLUENE ANHYDROUS	1	ı	04/01/2015
0001361044	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	04/01/2015
0001339107	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339108	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339109	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339110	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001338986		Ammonia pH-adjusting ISA	425	ml	04/01/2015
0001338987		Ammonia pH-adjusting ISA	425	ml	04/01/2015
0001338988		Ammonia pH-adjusting ISA	425	ml	04/01/2015
0001338989		Ammonia pH-adjusting ISA	425	ml	04/01/2015
0001339211	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	oz	04/01/2015
0001361043	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	04/01/2015
0001339204	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339234	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339212	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001361001		ARGON/METHANE	220	cf	04/01/2015
0001361000		ARGON/METHANE	220	cf	04/01/2015
0001360999		ARGON/METHANE	220	cf	04/01/2015
0001360998		ARGON/METHANE	220	cf	04/01/2015
0001360997		ARGON/METHANE	220	cf	04/01/2015
0001360996		ARGON/METHANE	220	cf	04/01/2015
0001360995		ARGON/METHANE	220	cf	04/01/2015
0001339208	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001339207	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339206	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	oz	04/01/2015
0001361036	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	04/01/2015
0001339103	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	oz	04/01/2015
0001339072	110-54-3	HEXANE (HEXANE, ANHYDROUS)	1	I	04/01/2015
0001361129	74-82-8	METHANE	58	I	04/01/2015
0001361128	7782-44-7	OXYGEN	60	cf	04/01/2015
0001339064	108-88-3	TOLUENE ANHYDROUS	1	I	04/01/2015
0001339104	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339105	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001361127	74-86-2	ACETYLENE	40	cf	04/01/2015
0001361126	74-86-2	ACETYLENE	40	cf	04/01/2015
0001361125	74-86-2	ACETYLENE	40	cf	04/01/2015
0001361124	74-86-2	ACETYLENE	40	cf	04/01/2015
0001361123	74-86-2	ACETYLENE	40	cf	04/01/2015
0001361122	7727-37-9	NITROGEN	20	cf	04/01/2015
0001361121	7727-37-9	NITROGEN	20	cf	04/01/2015
0001339205	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	oz	04/01/2015
0001339017	68083-19-2	POLY(DIMETHYLSILOXANE), VINYL TERMINATED	3	kg	04/01/2015
0001338978	109-66-0	PENTANE, ANHYDROUS	1	I	04/01/2015
0001338979	1330-20-7	XYLENES	1	I	04/01/2015
0001338977	109-66-0	PENTANE, ANHYDROUS	1	1	04/01/2015
0001338976	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	100	ml	04/01/2015
0001338975	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	100	ml	04/01/2015
0001338974	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	100	ml	04/01/2015
0001338973	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	100	ml	04/01/2015
0001339012	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339013	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339074	110-54-3	HEXANE (HEXANE, ANHYDROUS)	1	I	04/01/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001339014	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339066	108-88-3	TOLUENE ANHYDROUS	1	I	04/01/2015
0001339209	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339210	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/01/2015
0001339018	68037-59-2	METHYLHYDROSILOXAME (6-7%) DIMETHYLSILOXANE COPOLYMER	100	gm	04/01/2015
0001339019	68037-59-2	METHYLHYDROSILOXAME (6-7%) DIMETHYLSILOXANE COPOLYMER	100	gm	04/01/2015
0001339020		PLATINUM DIVINYL TETRAMET	5	gm	04/01/2015
0001361006		ARGON/METHANE	220		04/01/2015
0001361010		ARGON/METHANE	220		04/01/2015
0001361009		ARGON/METHANE	220	cf	04/01/2015
0001361007		ARGON/METHANE	220		04/01/2015
0001361011		ARGON/METHANE	220		04/01/2015
0001361008		ARGON/METHANE	220		04/01/2015
0001361023	7440-59-7	HELIUM		cf	04/01/2015
0001361034	7440-37-1	ARGON ULTRA HIGH PURITY	220		04/01/2015
0001361033	7440-37-1	ARGON ULTRA HIGH PURITY	220		04/01/2015
0001361032	7440-37-1	ARGON ULTRA HIGH PURITY	220		04/01/2015
0001361031	7440-37-1	ARGON ULTRA HIGH PURITY	220		04/01/2015
0001361030	7440-37-1	ARGON ULTRA HIGH PURITY	220		04/01/2015
0001361029	7440-37-1	ARGON ULTRA HIGH PURITY ARGON ULTRA HIGH PURITY	220 220		04/01/2015
0001361028 0001361027	7440-37-1 7440-37-1	ARGON ULTRA HIGH PURITY	220		04/01/2015 04/01/2015
0001361027	7440-59-7	HELIUM		cf	04/01/2015
0001331948	7732-18-5	Hydrochloric Acid 30-31%	3000		04/01/2015
0001361024	7440-59-7	HELIUM		cf	04/01/2015
0001361005		ARGON/METHANE	220		04/01/2015
0001361012		ARGON/METHANE	220		04/01/2015
0001361022	124-38-9	CARBON DIOXIDE	220		04/01/2015
0001361021	124-38-9	CARBON DIOXIDE	220	cf	04/01/2015
0001361020	74-98-6	PROPANE	33	lb	04/01/2015
0001361019		ARGON/METHANE	220	cf	04/01/2015
0001361018		ARGON/METHANE	220	cf	04/01/2015
0001361017		ARGON/METHANE	220	cf	04/01/2015
0001361016		ARGON/METHANE	220	1	04/01/2015
0001361015		ARGON/METHANE	220		04/01/2015
0001361014		ARGON/METHANE	220		04/01/2015
0001361013		ARGON/METHANE	220	cf	04/01/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001361025	7440-59-7	HELIUM	80	cf	04/01/2015
0001339039		FANTASTIKE ALL PURPOSE CLEANER	32	oz	04/01/2015
0001339042		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/01/2015
0001339041		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/01/2015
0001338813		Grip-Tack	5	gal	04/01/2015
0001338810	60-29-7	ETHYL ETHER	1	l	04/01/2015
0001339040		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/01/2015
0001361004		ARGON/METHANE	220	cf	04/01/2015
0001339038		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/01/2015
0001339037		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/01/2015
0001339036		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/01/2015
0001339035		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/01/2015
0001339034		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/01/2015
0001339033		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/01/2015
0001331947	7732-18-5	Hydrochloric Acid 30-31%	3000	lb	04/01/2015
0001338885		LB BROTH MILLER	250	gm	04/01/2015
0001339031		FANTASTIKE ALL PURPOSE CLEANER	32	oz	04/01/2015
0001339032		FANTASTIKE ALL PURPOSE CLEANER	32	oz	04/01/2015
0001338884	97-53-0	Eugenol	5	gm	04/01/2015
0001361003		ARGON/METHANE	220	cf	04/01/2015
0001361002		ARGON/METHANE	220	cf	04/01/2015
0001310700		MOTOR OIL	1	qt	04/02/2015
0001310746		MOTOR OIL		qt	04/02/2015
0001310747		MOTOR OIL		qt	04/02/2015
0001310735		MOTOR OIL		qt	04/02/2015
0001310717		MOTOR OIL		qt	04/02/2015
0001310752	 	MOTOR OIL		qt	04/02/2015
0001310748	+	MOTOR OIL MOTOR OIL		qt	04/02/2015
0001310707 0001310699	+	MOTOR OIL		qt	04/02/2015 04/02/2015
0001310699		MOTOR OIL		qt qt	04/02/2015
0001310038		Carbon Dioxide 1000ppm/Bal. Nitrogen	150		04/02/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001360958		Carbon Dioxide 1000ppm/Bal. Nitrogen	150	ct	04/02/2015
0001310701		MOTOR OIL		qt	04/02/2015
0001310718		MOTOR OIL		qt	04/02/2015
0001310702		MOTOR OIL	1	qt	04/02/2015
0001310703		MOTOR OIL		qt	04/02/2015
0001310749		MOTOR OIL	1	qt	04/02/2015
0001339029	7440-50-8	COPPER POWDER SPHERICAL, 325 MESH	100	ı	04/02/2015
0001310727		MOTOR OIL	1	qt	04/02/2015
0001202380		METAL MARKER	10	ml	04/02/2015
0001202384		METAL MARKER	10	ml	04/02/2015
0001339030	1693-74-9	TETRAHYDROFURAN-D8	5	gm	04/02/2015
0001202386		METAL MARKER	10	ml	04/02/2015
0001202387		METAL MARKER	10	ml	04/02/2015
0001202388		METAL MARKER	10	ml	04/02/2015
0001310726		MOTOR OIL	1	qt	04/02/2015
0001310745		MOTOR OIL	1	qt	04/02/2015
0001339028		INORGANICS MARINE SEDIMENT 2702	50	gm	04/02/2015
0001310744		MOTOR OIL	1	qt	04/02/2015
0001360939	7727-37-9	NITROGEN		cf	04/02/2015
0001310725		MOTOR OIL	1	qt	04/02/2015
0001310751		MOTOR OIL	1	qt	04/02/2015
0001310724		MOTOR OIL		qt	04/02/2015
0001310723		MOTOR OIL	1	qt	04/02/2015
0001310736		MOTOR OIL	1	qt	04/02/2015
0001310696		SILICONE SPRAY	11	OZ	04/02/2015
0001310697		MOTOR OIL	1	qt	04/02/2015
0001360956	7440-59-7	HELIUM	100	I	04/02/2015
0001339021	497-19-8	SODIUM CARBONATE ANHYDROUS	1	kg	04/02/2015
0001339242	7439-96-5	MANGANESE PIECES	100	gm	04/02/2015
0001339097		PF SOLVENT		gal	04/02/2015
0001339098		PF SOLVENT		gal	04/02/2015
0001339099		PF SOLVENT		gal	04/02/2015
0001339101		TUNE UP GREASE	500		04/02/2015
0001310719		MOTOR OIL		qt	04/02/2015
0001310720		MOTOR OIL		qt	04/02/2015
0001339102		TUNE UP GREASE	500		04/02/2015
0001360957	7440-59-7	HELIUM	250		04/02/2015
0001339241	7439-96-5	MANGANESE PIECES		gm	04/02/2015
0001339094		PF SOLVENT		gal	04/02/2015
0001339243	7439-96-5	MANGANESE PIECES		gm	04/02/2015
0001310728		MOTOR OIL		qt	04/02/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001339244	7439-96-5	MANGANESE PIECES	25	gm	04/02/2015
0001202381		METAL MARKER		ml	04/02/2015
0001339247		TECH HOLD	3	gm	04/02/2015
0001339248		TECH HOLD		gm	04/02/2015
0001339249		TECH HOLD		gm	04/02/2015
0001339250		TECH HOLD	3	gm	04/02/2015
0001339133	13463-67-7	TITANIUM (IV) OXIDE	250		04/02/2015
0001360952	7440-59-7	HELIUM	100	I	04/02/2015
0001310753		MOTOR OIL		qt	04/02/2015
0001310754		MOTOR OIL		qt	04/02/2015
0001310705		MOTOR OIL		qt	04/02/2015
0001310706		MOTOR OIL		qt	04/02/2015
0001310755		MOTOR OIL		qt	04/02/2015
0001310756		MOTOR OIL		qt	04/02/2015
0001202379		METAL MARKER		ml	04/02/2015
0001360955	7440-59-7	HELIUM	100		04/02/2015
0001339096	7440.50.7	PF SOLVENT		gal	04/02/2015
0001360953	7440-59-7	HELIUM	100		04/02/2015
0001339095	7440 50 7	PF SOLVENT		gal	04/02/2015
0001360951 0001360950	7440-59-7 7440-59-7	HELIUM HELIUM	100 100		04/02/2015
0001380950	67-56-1	METHANOL	160		04/02/2015 04/02/2015
0001339089	67-56-1	METHANOL	16		04/02/2015
0001339091	67-56-1	METHANOL	16		04/02/2015
0001339091	67-56-1	METHANOL	16		04/02/2015
0001339093	0, 30 1	NI-NTA SUPERFLOW	100		04/02/2015
0001310704		MOTOR OIL		qt	04/02/2015
0001360954	7440-59-7	HELIUM	100	•	04/02/2015
0001310722		MOTOR OIL	1	qt	04/02/2015
0001360941	7727-37-9	NITROGEN	20	cf	04/02/2015
0001339251		TECH HOLD	3	gm	04/02/2015
0001339252		TECH HOLD		gm	04/02/2015
0001339253		TECH HOLD		gm	04/02/2015
0001310731		MOTOR OIL	1	qt	04/02/2015
0001310732		MOTOR OIL	1	qt	04/02/2015
0001339254		TECH HOLD		gm	04/02/2015
0001339256		TECH HOLD		gm	04/02/2015
0001360940	7727-37-9	NITROGEN		cf	04/02/2015
0001310721		MOTOR OIL		qt	04/02/2015
0001310708		MOTOR OIL		qt	04/02/2015
0001310694		SILICONE SPRAY		OZ	04/02/2015
0001310693		SILICONE SPRAY		OZ	04/02/2015
0001310741		MOTOR OIL		qt	04/02/2015
0001310740		MOTOR OIL		qt	04/02/2015
0001360943	7440-59-7	HELIUM	100	I	04/02/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001360942	7727-37-9	NITROGEN	20	cf	04/02/2015
0001310750		MOTOR OIL	1	qt	04/02/2015
0001310734		MOTOR OIL	1	qt	04/02/2015
0001310733		MOTOR OIL	1	qt	04/02/2015
0001202385		METAL MARKER	10	ml	04/02/2015
0001310742		MOTOR OIL		qt	04/02/2015
0001310739		MOTOR OIL		qt	04/02/2015
0001339255		TECH HOLD		gm	04/02/2015
0001360944	7440-59-7	HELIUM	100		04/02/2015
0001310737		MOTOR OIL		qt	04/02/2015
0001310743		MOTOR OIL		qt	04/02/2015
0001310729		MOTOR OIL		qt	04/02/2015
0001310730		MOTOR OIL		qt	04/02/2015
0001360946	7440-59-7	HELIUM	100		04/02/2015
0001360949	7440-59-7	HELIUM	100		04/02/2015
0001360948	7440-59-7	HELIUM	100		04/02/2015
0001360947	7440-59-7	HELIUM	100		04/02/2015
0001310695	7440 50 7	SILICONE SPRAY HELIUM	11 100		04/02/2015
0001360945 0001310738	7440-59-7	MOTOR OIL	+		04/02/2015 04/02/2015
0001310738		FORMULA 2011	1 55	gal	04/02/2015
0001339027		MOTOR OIL		qt	04/02/2015
0001310715		MOTOR OIL		qt	04/02/2015
0001310715		FORMULA 2011		gal	04/02/2015
00013333028		MOTOR OIL		qt	04/02/2015
0001339022		FORMULA 2011		gal	04/02/2015
0001310712		MOTOR OIL		qt	04/02/2015
0001310711		MOTOR OIL		qt	04/02/2015
0001310710		MOTOR OIL		qt	04/02/2015
0001310709		MOTOR OIL		qt	04/02/2015
0001310714		MOTOR OIL	1	qt	04/02/2015
0001339025		FORMULA 2011	55	gal	04/02/2015
0001339024		FORMULA 2011	55	gal	04/02/2015
0001338811	7697-37-2	NITRIC ACID OPTIMA	500	ml	04/02/2015
0001331959	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	04/02/2015
0001338812	7697-37-2	NITRIC ACID OPTIMA	500		04/02/2015
0001331954	7732-18-5	Hydrochloric Acid 30-31%	3000		04/02/2015
0001331955	7786-30-3	MAGNESIUM CHLORIDE	3300		04/02/2015
0001331956	7786-30-3	MAGNESIUM CHLORIDE	3300		04/02/2015
0001331957	7786-30-3	MAGNESIUM CHLORIDE	3300		04/02/2015
0001331958	7786-30-3	MAGNESIUM CHLORIDE	3300		04/02/2015
0001339023		FORMULA 2011	55	gal	04/02/2015
0001331069		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/03/2015
0001331087		COLORTREND 808	1		04/03/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001331099		33 GLAZING	1	qt	04/03/2015
0001331070		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/03/2015
0001331697		DPBS	500	ml	04/03/2015
0001331051		PVC PIPE CEMENT	8	OZ	04/03/2015
0001331050		PVC PRIMER CLEAR	16	oz	04/03/2015
0001331056		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/03/2015
0001331088		COLORTREND 808	1	I	04/03/2015
0001331089		COLORTREND 808	1	I	04/03/2015
0001331696		PBS POLYMERIC BARRIER SYSTEM	500	ml	04/03/2015
0001331066		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/03/2015
0001331067		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/03/2015
0001331705		NUCLEASE-FREE WATER	1000	ml	04/03/2015
0001331052		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/03/2015
0001331053		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/03/2015
0001331068		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/03/2015
0001331081		ZINSSER 123 BULLSEYE PRIMER	5	gal	04/03/2015
0001331054		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/03/2015
0001331071		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/03/2015
0013317045		RPMI-1640 MEDIUM	500	ml	04/03/2015
0001331072		100% SILICONE SEALANT	9.8	OZ	04/03/2015
0001331055		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/03/2015
0001331075		ZINSSER	1	qt	04/03/2015
0001331090		NUBROADLOK PREMIUM MULTI PURPOSE ADHESIVE		gal	04/03/2015
0001331061		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/03/2015
0001331062		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/03/2015
0001331063		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/03/2015
0001331094		NUBROADLOK PREMIUM MULTI PURPOSE ADHESIVE	4	gal	04/03/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001331095		NUBROADLOK PREMIUM MULTI PURPOSE ADHESIVE	4	gal	04/03/2015
0001331695		MINIMUM ESSENTIAL MEDIUM ALPHA MEDIUM (2X)	500	ml	04/03/2015
0001331694		ANTIBIOTIC ANTIMYCOTIC SOLUTION	100	ml	04/03/2015
0001331693	9002-07-7	TRYPSIN-EDTA (1X)	100	ml	04/03/2015
0001331064		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/03/2015
0001331096		NUBROADLOK PREMIUM MULTI PURPOSE ADHESIVE	4	gal	04/03/2015
0001331060		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/03/2015
0001331074		ZINSSER	1	qt	04/03/2015
0001331093		NUBROADLOK PREMIUM MULTI PURPOSE ADHESIVE	4	gal	04/03/2015
0001331692	144-55-8	SODIUM BICARBONATE SOLUTION (7.5% W/V)	100	ml	04/03/2015
0001331691	7732-18-5	WATER	100	ml	04/03/2015
0001331078		ZINSSER 123 BULLSEYE PRIMER	5	gal	04/03/2015
0001331076		ZINSSER	1	qt	04/03/2015
0001331079		ZINSSER 123 BULLSEYE PRIMER	5	gal	04/03/2015
0001331077		ZINSSER	1	qt	04/03/2015
0001331080		ZINSSER 123 BULLSEYE PRIMER	5	gal	04/03/2015
0001331085		COLORTREND 808	1	l	04/03/2015
0001331084		COLORTREND 808	1	I	04/03/2015
0001331083		ZINSSER 123 BULLSEYE PRIMER	5	gal	04/03/2015
0001331082		ZINSSER 123 BULLSEYE PRIMER	5	gal	04/03/2015
0001331097		NUBROADLOK PREMIUM MULTI PURPOSE ADHESIVE	4	gal	04/03/2015
0001331092		NUBROADLOK PREMIUM MULTI PURPOSE ADHESIVE	4	gal	04/03/2015
0001331059		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/03/2015
0001331058		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/03/2015
0001331091		NUBROADLOK PREMIUM MULTI PURPOSE ADHESIVE	4	gal	04/03/2015
0001331098		33 GLAZING	1	qt	04/03/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001331701		SSC BUFFER MIX (SALINE-SODIUM CITRATE BUFFER	1000	ml	04/03/2015
0001331700		CONTRAD 70	250	ml	04/03/2015
0001331086		COLORTREND 808	1	I	04/03/2015
0001331698		M-PER MAMMALIAN PROTEIN E	250	ml	04/03/2015
0001331057		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/03/2015
0001331702	†	FETAL BOVINE SERUM	500	ml	04/03/2015
0001331703		DMEM	1000		04/03/2015
0001331073		GLAZING COMPOUND	10.1	†	04/03/2015
0001331065		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/03/2015
0001331699	57-50-1	D-SUCROSE	1	kg	04/03/2015
0001331689	9012-36-6	AGAROSE, SEAPLAQUE		gm	04/03/2015
0001331688		Water, Ultra Pure CE	500		04/03/2015
0001331690	492-62-6	D-(+)-GLUCOSE	100	gm	04/03/2015
0001291834		rust-oleum stops rust gloss protective enamel	12	oz	04/06/2015
0001339330		borated poly	1	lb	04/06/2015
0001291832		rust-oleum stops rust gloss protective enamel	12	OZ	04/06/2015
0001291833		rust-oleum stops rust gloss protective enamel	12	oz	04/06/2015
0001310689	Multi	RTV Engine Sealant	2.65	OZ	04/06/2015
0001339135		ULTRA GRADE 19 OIL	1	I	04/06/2015
0001310691	Multi	Enforce Tire Mounting Compound	5	gal	04/06/2015
0001291835		rust-oleum stops rust gloss protective enamel	12	OZ	04/06/2015
0001339087	74-89-5	METHYLAMINE	100	ml	04/06/2015
0001339088	74-89-5	METHYLAMINE	100		04/06/2015
0001339137		ULTRA GRADE 19 OIL	1	I	04/06/2015
0001339136		ULTRA GRADE 19 OIL	1	I	04/06/2015
0001339100		Optishield Corrosion Inhibitor	1	gal	04/06/2015
0001339134		V LUBE B MECHANICAL VACUUM PUMP OIL	5	gal	04/06/2015
0001310690	Multi	RTV Engine Sealant	2.65	OZ	04/06/2015
0001331116	1	ready mix concrete	60		04/06/2015
0001339342		borated poly		lb	04/06/2015
0001339343		borated poly	1	lb	04/06/2015
0001339344		borated poly	1	lb	04/06/2015
0001339345		borated poly	1	lb	04/06/2015
0001339346		borated poly	1	lb	04/06/2015

			Container	Unit of	
Barcode	CAS#	Chemical Name	Size	Measure	Date
0001339377		7.5% Lithium Polyethylene	1	lb	04/06/2015
0001339378		7.5% Lithium Polyethylene		lb	04/06/2015
0001331111		ready mix concrete	60		04/06/2015
0001339347		borated poly	1	lb	04/06/2015
0001339348		borated poly	1	lb	04/06/2015
0001331112		ready mix concrete	60	lb	04/06/2015
0001331113		ready mix concrete	60	lb	04/06/2015
0001339370		7.5% Lithium Polyethylene		lb	04/06/2015
0001331115		ready mix concrete	60	lb	04/06/2015
0001339339		borated poly	1	lb	04/06/2015
0001331117		ready mix concrete	60	lb	04/06/2015
0001331118		ready mix concrete	60	lb	04/06/2015
0001331119		ready mix concrete	60	lb	04/06/2015
0001331120		ready mix concrete	60	lb	04/06/2015
0001339161	67-56-1	METHANOL	2	I	04/06/2015
0001339160		M-PRO 7 GUN CLEANER	5	gal	04/06/2015
0001339159		M-PRO 7 GUN CLEANER		gal	04/06/2015
0001339158		ULTRA GRADE 19 OIL	1		04/06/2015
0001339350		borated poly	1	lb	04/06/2015
0001339349		borated poly	1	lb	04/06/2015
0001339138		ULTRA GRADE 19 OIL	1	1	04/06/2015
0001310692	Multi	Enforce Tire Mounting Compound	5	gal	04/06/2015
0001331114		ready mix concrete	60	lb	04/06/2015
0001339332		borated poly	1	lb	04/06/2015
0001339141		ULTRA GRADE 19 OIL	1	I	04/06/2015
0001339142		ULTRA GRADE 19 OIL	1	1	04/06/2015
0001339262	7758-02-3	POTASSIUM BROMIDE	25	gm	04/06/2015
0001339261	7758-02-3	POTASSIUM BROMIDE		gm	04/06/2015
0001339260	7758-02-3	POTASSIUM BROMIDE		gm	04/06/2015
0001339259	7758-02-3	POTASSIUM BROMIDE		gm	04/06/2015
0001339258	7758-02-3	POTASSIUM BROMIDE		gm	04/06/2015
0001339257	7758-02-3	POTASSIUM BROMIDE		gm	04/06/2015
0001339246	7697-37-2	ICP Tuning Solution	1000		04/06/2015
0001339245	7697-37-2	ICP Tuning Solution	1000	ml	04/06/2015
0001339368		7.5% Lithium Polyethylene	1	lb	04/06/2015
0001339369		7.5% Lithium Polyethylene	1	lb	04/06/2015
0001339341		borated poly	1	lb	04/06/2015
0001339331		borated poly		lb	04/06/2015
0001339340		borated poly		lb	04/06/2015
0001339333		borated poly		lb	04/06/2015
0001339334		borated poly		lb	04/06/2015
0001339335		borated poly		lb	04/06/2015
0001339371		7.5% Lithium Polyethylene		lb	04/06/2015
0001339372		7.5% Lithium Polyethylene		lb	04/06/2015

			Container	Unit of	
Barcode	CAS#	Chemical Name	Size	Measure	Date
0001339373		7.5% Lithium Polyethylene	1	lb	04/06/2015
0001339374		7.5% Lithium Polyethylene		lb	04/06/2015
0001339375		7.5% Lithium Polyethylene		lb	04/06/2015
0001339376		7.5% Lithium Polyethylene		lb	04/06/2015
0001339336		borated poly		lb	04/06/2015
0001339337		borated poly	1	lb	04/06/2015
0001339338		borated poly	1	lb	04/06/2015
0001339139		ULTRA GRADE 19 OIL	1	I	04/06/2015
0001339329		borated poly		lb	04/06/2015
0001339359		7.5% Lithium Polyethylene		lb	04/06/2015
0001339354		borated poly		lb	04/06/2015
0001339355		borated poly		lb	04/06/2015
0001339360		7.5% Lithium Polyethylene		lb	04/06/2015
0001339325		borated poly	1	lb	04/06/2015
0001339352		borated poly		lb	04/06/2015
0001339353		borated poly		lb	04/06/2015
0001339326		borated poly		lb	04/06/2015
0001339357		borated poly		lb	04/06/2015
0001339356		borated poly	1	lb	04/06/2015
0001339358		borated poly		lb	04/06/2015
0001339351		borated poly		lb	04/06/2015
0001339328		borated poly	1	lb	04/06/2015
0001339327		borated poly	1	lb	04/06/2015
0001339367		7.5% Lithium Polyethylene	1	lb	04/06/2015
0001339366		7.5% Lithium Polyethylene	1	lb	04/06/2015
0001339362		7.5% Lithium Polyethylene	1	lb	04/06/2015
0001339365		7.5% Lithium Polyethylene	1	lb	04/06/2015
0001339364		7.5% Lithium Polyethylene		lb	04/06/2015
0001339319		borated poly		lb	04/06/2015
0001339320		borated poly	1	lb	04/06/2015
0001339321		borated poly	1	lb	04/06/2015
0001339150		ULTRA GRADE 19 OIL	1	I	04/06/2015
0001339323		borated poly	1	lb	04/06/2015
0001339322		borated poly	1	lb	04/06/2015
0001339324		borated poly	1	lb	04/06/2015
0001339157		ULTRA GRADE 19 OIL	1	I	04/06/2015
0001339156		ULTRA GRADE 19 OIL	1	I	04/06/2015
0001339155		ULTRA GRADE 19 OIL	1	I	04/06/2015
0001339154		ULTRA GRADE 19 OIL	1		04/06/2015
0001339153		ULTRA GRADE 19 OIL	1	[04/06/2015
0001339361		7.5% Lithium Polyethylene	1	lb	04/06/2015
0001339151		ULTRA GRADE 19 OIL	1	I	04/06/2015
0001339149		ULTRA GRADE 19 OIL	1	1	04/06/2015
0001339148		ULTRA GRADE 19 OIL	1		04/06/2015
0001339147		ULTRA GRADE 19 OIL	1	1	04/06/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001339146		ULTRA GRADE 19 OIL	1	I	04/06/2015
0001339145		ULTRA GRADE 19 OIL	1	I	04/06/2015
0001339140		ULTRA GRADE 19 OIL	1	I	04/06/2015
0001339144		ULTRA GRADE 19 OIL	1	I	04/06/2015
0001339143		ULTRA GRADE 19 OIL	1	I	04/06/2015
0001339363		7.5% Lithium Polyethylene	1	lb	04/06/2015
0001339152		ULTRA GRADE 19 OIL	1	I	04/06/2015
0001339163	3144-16-9	(1S)-(+)-10-CAMPHORSULFONIC ACID	100	gm	04/06/2015
0001291828		RUST-OLEUM FEDERAL SAFETY RED	12	oz	04/06/2015
0001291830		RUST-OLEUM FEDERAL SAFETY RED	12	OZ	04/06/2015
0001339162	7446-70-0	ALUMINUM CHLORIDE, ANHYDROUS	500	gm	04/06/2015
0001339164	67-63-0	ISOPROPYL ALCOHOL	4	I	04/06/2015
0001339165	67-63-0	ISOPROPYL ALCOHOL	4	I	04/06/2015
0001339166	108-88-3	TOLUENE	4	I	04/06/2015
0001339167	108-88-3	TOLUENE	4	I	04/06/2015
0001339168	108-88-3	TOLUENE	4	I	04/06/2015
0001339169	108-88-3	TOLUENE	4	I	04/06/2015
0001291831		RUST-OLEUM FEDERAL SAFETY RED	12	oz	04/06/2015
0001291829		RUST-OLEUM FEDERAL SAFETY RED	12	OZ	04/06/2015
0001331223		SPRAY ADHESIVE (CONTAINS PETROLEUM DISTILLATES)	12	OZ	04/07/2015
0001331222		SPRAY ADHESIVE (CONTAINS PETROLEUM DISTILLATES)	12	oz	04/07/2015
0001310976		MOTOR OIL	1	gal	04/07/2015
0001331224		SPRAY ADHESIVE (CONTAINS PETROLEUM DISTILLATES)	12	oz	04/07/2015
0001331225		SPRAY ADHESIVE (CONTAINS PETROLEUM DISTILLATES)	12	OZ	04/07/2015
0001310841		MOTOR OIL	1	qt	04/07/2015
0001310859		MOTOR OIL		qt	04/07/2015
0001310965		MOTOR OIL		gal	04/07/2015
0001310964		MOTOR OIL		gal	04/07/2015
0001310795		193 GLOSS BLACK CHASSIS & GRILLE GUARD PAINT		OZ	04/07/2015
0001310963		MOTOR OIL	1	gal	04/07/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001310862		MOTOR OIL		qt	04/07/2015
0001310926		MOTOR OIL	1	gal	04/07/2015
0001310860		MOTOR OIL	1	qt	04/07/2015
0001339380	7705-07-9	TITANIUM(III) CHLORIDE	100	ml	04/07/2015
0001310892		MOTOR OIL	1	qt	04/07/2015
0001310891		MOTOR OIL	1	qt	04/07/2015
0001310890		MOTOR OIL	1	qt	04/07/2015
0001310927		MOTOR OIL	1	gal	04/07/2015
0001331226		SPRAY ADHESIVE (CONTAINS PETROLEUM DISTILLATES)	12	OZ	04/07/2015
0001339379	75-91-2	TERT-BUTYL HYDROPEROXIDE	250	gm	04/07/2015
0001310861		MOTOR OIL	1	qt	04/07/2015
0001310793		SANDABLE PRIMER	12	OZ	04/07/2015
0001339293	25952-53-8	N-93-DIMETHYLAMINOPROPYL-N- ETHYLCARBODIIMIDE HYDROCHLORIDE	5	gm	04/07/2015
0001339383		Cyanide Test Kit, Model CYN-3	100	gm	04/07/2015
0001310925		MOTOR OIL	1	gal	04/07/2015
0001339384	Multi	HAFNIUM n-BUTOXIDE	100	gm	04/07/2015
0001339385	Multi	HAFNIUM n-BUTOXIDE	100	gm	04/07/2015
0001339386	Multi	HAFNIUM n-BUTOXIDE	100	gm	04/07/2015
0001339387	Multi	HAFNIUM n-BUTOXIDE	100	gm	04/07/2015
0001339391		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/07/2015
0001310924		MOTOR OIL	1	gal	04/07/2015
0001310873		MOTOR OIL	1	qt	04/07/2015
0001310851		MOTOR OIL		qt	04/07/2015
0001310792		SANDABLE PRIMER		oz	04/07/2015
0000913063	609-99-4	3,5-DINITROSALICYLIC ACID	1000	gm	04/07/2015
0001310794		SANDABLE PRIMER		OZ	04/07/2015
0000912987	7647-01-0	HYDROCHLORIC ACID TRACE METAL-35%	500	ml	04/07/2015
0000912988	7647-01-0	HYDROCHLORIC ACID TRACE METAL-35%	500	ml	04/07/2015
0000912989	7647-01-0	HYDROCHLORIC ACID TRACE METAL-35%	500	ml	04/07/2015
0000912990	7647-01-0	HYDROCHLORIC ACID TRACE METAL-35%	500	ml	04/07/2015
0001310791		SANDABLE PRIMER	12	OZ	04/07/2015
0001310790		SANDABLE PRIMER		OZ	04/07/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001310828		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	04/07/2015
0001331231		SPRAY ADHESIVE (CONTAINS PETROLEUM DISTILLATES)	12	OZ	04/07/2015
0001331230		SPRAY ADHESIVE (CONTAINS PETROLEUM DISTILLATES)	12	oz	04/07/2015
0001310922		MOTOR OIL	1	gal	04/07/2015
0001310849		MOTOR OIL	1	qt	04/07/2015
0001331228		SPRAY ADHESIVE (CONTAINS PETROLEUM DISTILLATES)	12	oz	04/07/2015
0001310852		MOTOR OIL	1	qt	04/07/2015
0001310966		MOTOR OIL	1	gal	04/07/2015
0001310842		MOTOR OIL	1	qt	04/07/2015
0001310950		MOTOR OIL	1	gal	04/07/2015
0001310843		MOTOR OIL		qt	04/07/2015
0001310844		MOTOR OIL		qt	04/07/2015
0001310845		MOTOR OIL		qt	04/07/2015
0001310846		MOTOR OIL		qt	04/07/2015
0001310847		MOTOR OIL	1	qt	04/07/2015
0001339292	137-08-6	D-PANTOTHENIC ACID, HEMICALCIUM SALT	100	gm	04/07/2015
0001310848		MOTOR OIL	1	qt	04/07/2015
0001339291	7447-40-7	POTASSIUM CHLORIDE	50	gm	04/07/2015
0001310850		MOTOR OIL	1	qt	04/07/2015
0001310955		MOTOR OIL		gal	04/07/2015
0000913062	107-10-8	PROPYLAMINE		l	04/07/2015
0001310956		MOTOR OIL		gal	04/07/2015
0001310957		MOTOR OIL		gal	04/07/2015
0001310958		MOTOR OIL		gal	04/07/2015
0001310856		MOTOR OIL		qt	04/07/2015
0001310857		MOTOR OIL		qt	04/07/2015
0001310858		MOTOR OIL	1	qt	04/07/2015
0000913061	131-08-8	ANTHRAQUINONE-2-SULFONIC ACID, SODIUM SALT, MONOHYDRATE	5	gm	04/07/2015
0001331227		SPRAY ADHESIVE (CONTAINS PETROLEUM DISTILLATES)	12	oz	04/07/2015
0001310840		MOTOR OIL	1	qt	04/07/2015
0001310766		MULTI-PURPOSE GREASE	14.1		04/07/2015
0001310948		MOTOR OIL	1	gal	04/07/2015
0001310777		GEAR OIL 80-90		qt	04/07/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001310776		BRAKLEEN	14	OZ	04/07/2015
0001310775		BRAKLEEN	14	OZ	04/07/2015
0001310772		WD-40 NON-AEROSOL	20	OZ	04/07/2015
0001310771		WD-40 NON-AEROSOL	20	OZ	04/07/2015
0001310770		WD-40 NON-AEROSOL	20	OZ	04/07/2015
0001310769		WD-40 NON-AEROSOL	20	OZ	04/07/2015
0001310774		WHITE LITHIUM GREASE	10	OZ	04/07/2015
0001310773		WHITE LITHIUM GREASE	10	OZ	04/07/2015
0001310779		GEAR OIL 80-90	1	qt	04/07/2015
0001310767		MULTI-PURPOSE GREASE	14.1	OZ	04/07/2015
0001310780		GEAR OIL 80-90	1	qt	04/07/2015
0001310765		MULTI-PURPOSE GREASE	14.1	OZ	04/07/2015
0001310764		MULTI-PURPOSE GREASE	14.1	OZ	04/07/2015
0001310763		MULTI-PURPOSE GREASE	14.1	OZ	04/07/2015
0001310762		MULTI-PURPOSE GREASE	14.1	OZ	04/07/2015
0001310799		193 GLOSS BLACK CHASSIS & GRILLE GUARD PAINT	12	OZ	04/07/2015
0001310835		MOTOR OIL	1	qt	04/07/2015
0001310836		MOTOR OIL	1	qt	04/07/2015
0001310837		MOTOR OIL		qt	04/07/2015
0001310839		MOTOR OIL		qt	04/07/2015
0001331107		ACRYLIC LATEX CAULK PLUS SILICONE	10.1	OZ	04/07/2015
0001331108		ACRYLIC LATEX CAULK PLUS SILICONE	10.1	OZ	04/07/2015
0001310768		MULTI-PURPOSE GREASE	14	OZ	04/07/2015
0001310872		MOTOR OIL	1	qt	04/07/2015
0001310960		MOTOR OIL	1	1	04/07/2015
0001310961		MOTOR OIL	1	gal	04/07/2015
0001310962		MOTOR OIL		gal	04/07/2015
0001310808		193 GLOSS BLACK CHASSIS & GRILLE GUARD PAINT		OZ	04/07/2015
0001310807		193 GLOSS BLACK CHASSIS & GRILLE GUARD PAINT	12	OZ	04/07/2015
0001310806		193 GLOSS BLACK CHASSIS & GRILLE GUARD PAINT	12	OZ	04/07/2015
0001310805		193 GLOSS BLACK CHASSIS & GRILLE GUARD PAINT	12	OZ	04/07/2015
0001310804		193 GLOSS BLACK CHASSIS & GRILLE GUARD PAINT	12	OZ	04/07/2015
0001310803		193 GLOSS BLACK CHASSIS & GRILLE GUARD PAINT	12	OZ	04/07/2015
0001310802		193 GLOSS BLACK CHASSIS & GRILLE GUARD PAINT	12	OZ	04/07/2015
0001310778		GEAR OIL 80-90	1	qt	04/07/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001310800		193 GLOSS BLACK CHASSIS & GRILLE GUARD PAINT	12	OZ	04/07/2015
0001331036		ACRYLIC LATEX CAULK PLUS SILICONE	10.1	oz	04/07/2015
0001310871		MOTOR OIL	1	qt	04/07/2015
0001310817		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	04/07/2015
0001310816		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	04/07/2015
0001310815		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	04/07/2015
0001310814		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	04/07/2015
0001310813		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	04/07/2015
0001310812		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	04/07/2015
0001310811		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID		qt	04/07/2015
0001310810		POWER STEERING FLUID	_	qt	04/07/2015
0001310782		GEAR OIL 80-90		qt	04/07/2015
0001310781		GEAR OIL 80-90	1	qt	04/07/2015
0001310801		193 GLOSS BLACK CHASSIS & GRILLE GUARD PAINT	12	OZ	04/07/2015
0001310855		MOTOR OIL	1	qt	04/07/2015
0001331102		ACRYLIC LATEX CAULK PLUS SILICONE	10.1	oz	04/07/2015
0001331103		ACRYLIC LATEX CAULK PLUS SILICONE	10.1	OZ	04/07/2015
0001331104		ACRYLIC LATEX CAULK PLUS SILICONE	10.1	OZ	04/07/2015
0001331105		ACRYLIC LATEX CAULK PLUS SILICONE	10.1	OZ	04/07/2015
0001331106		ACRYLIC LATEX CAULK PLUS SILICONE	10.1	oz	04/07/2015
0001310978		MOTOR OIL	1	gal	04/07/2015
0001310975		MOTOR OIL	1	gal	04/07/2015
0001310974		MOTOR OIL	1	gal	04/07/2015
0001310973		MOTOR OIL	1	gal	04/07/2015
0001310972		MOTOR OIL	1	gal	04/07/2015
0001331109		ACRYLIC LATEX CAULK PLUS SILICONE	10.1	oz	04/07/2015
0001310969		MOTOR OIL	1	gal	04/07/2015
0001310868		MOTOR OIL	1	qt	04/07/2015
0001310854		MOTOR OIL	1	qt	04/07/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001310954		MOTOR OIL	1	gal	04/07/2015
0001310953		MOTOR OIL	1	gal	04/07/2015
0001310952		MOTOR OIL	1	gal	04/07/2015
0001310951		MOTOR OIL	1	gal	04/07/2015
0001339392		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/07/2015
0001310949		MOTOR OIL	1	gal	04/07/2015
0001339409	872-50-4	1-METHYL-2-PYRROLIDINONE	2	ı	04/07/2015
0001310947		MOTOR OIL	1	gal	04/07/2015
0001310853		MOTOR OIL		qt	04/07/2015
0001310968		MOTOR OIL		gal	04/07/2015
0001310970		MOTOR OIL		gal	04/07/2015
0001331130		BIG STRETCH CAULK	10.5	-	04/07/2015
0001310967		MOTOR OIL		gal	04/07/2015
0001339404	67-68-5	METHYL SULFOXIDE	100		04/07/2015
0001339405	67-68-5	METHYL SULFOXIDE	100	ml	04/07/2015
0001331037		BIG STRETCH CAULK	10.5		04/07/2015
0001331121		BIG STRETCH CAULK	10.5	OZ	04/07/2015
0001331122		BIG STRETCH CAULK	10.5		04/07/2015
0001331123		BIG STRETCH CAULK	10.5	oz	04/07/2015
0001331124		BIG STRETCH CAULK	10.5	OZ	04/07/2015
0001331125		BIG STRETCH CAULK	10.5		04/07/2015
0001331126		BIG STRETCH CAULK	10.5	oz	04/07/2015
0001331127		BIG STRETCH CAULK	10.5	oz	04/07/2015
0001310870		MOTOR OIL	1	qt	04/07/2015
0001331129		BIG STRETCH CAULK	10.5	+ ·	04/07/2015
0001310869		MOTOR OIL	1		04/07/2015
0001339411	1076-43-3	BENZENE-D6	7.5	ml	04/07/2015
0001310798		193 GLOSS BLACK CHASSIS & GRILLE GUARD PAINT		oz	04/07/2015
0001339410	865-49-6	CHLOROFORM-D	5	ml	04/07/2015
		193 GLOSS BLACK CHASSIS & GRILLE			
0001310797		GUARD PAINT	12	OZ	04/07/2015
0001310796		193 GLOSS BLACK CHASSIS & GRILLE	12	OZ	04/07/2015
		GUARD PAINT			
0001310863		MOTOR OIL		qt	04/07/2015
0001310864		MOTOR OIL	1	qt	04/07/2015
0001310865		MOTOR OIL	1	qt	04/07/2015
0001310866		MOTOR OIL	1	qt	04/07/2015
0001310867		MOTOR OIL	1	qt	04/07/2015
0001331110		ACRYLIC LATEX CAULK PLUS SILICONE	10.1	oz	04/07/2015
0001331128		BIG STRETCH CAULK	10.5	OZ	04/07/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001310827		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	04/07/2015
0001310971		MOTOR OIL	1	gal	04/07/2015
0001310838		MOTOR OIL	1	qt	04/07/2015
0001310834		MOTOR OIL	1	qt	04/07/2015
0001310875		MOTOR OIL	1	qt	04/07/2015
0001310874		MOTOR OIL	1	qt	04/07/2015
0001310930		MOTOR OIL	1	gal	04/07/2015
0001310929		MOTOR OIL	1	gal	04/07/2015
0001310879		MOTOR OIL	1	qt	04/07/2015
0001310944		MOTOR OIL	1	gal	04/07/2015
0001310833		MOTOR OIL	1	qt	04/07/2015
0001310826		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	04/07/2015
0001310825		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	04/07/2015
0001310824		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	04/07/2015
0001310823		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	04/07/2015
0001310822		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	04/07/2015
0001310821		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	04/07/2015
0001310820		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	04/07/2015
0001310928		MOTOR OIL	1	gal	04/07/2015
0001331100		ACRYLIC LATEX CAULK PLUS SILICONE	10.1		04/07/2015
0001310786		SANDABLE PRIMER	12	OZ	04/07/2015
0001310785		SANDABLE PRIMER	12	OZ	04/07/2015
0001310878		MOTOR OIL	1	qt	04/07/2015
0001310877		MOTOR OIL	<u> </u>	qt	04/07/2015
0001310876		MOTOR OIL	1	qt	04/07/2015
0001310784		SANDABLE PRIMER	12	OZ	04/07/2015
0001339412	57260-73-8	N-BOC-ETHYLENEDIAMINE	5	ml	04/07/2015
0001310977		MOTOR OIL	1	gal	04/07/2015
0001310830		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	04/07/2015
0001310985		WINDSHIELD WASHER FLUID	1	gal	04/07/2015
0001339403	584-08-7	POTASSIUM CARBONATE ANHYDROUS	500	gm	04/07/2015
0001339402		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/07/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001339401		FANTASTIKE ALL PURPOSE CLEANER	32	oz	04/07/2015
0001339400		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/07/2015
0001310831		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	04/07/2015
0001310832		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	04/07/2015
0001339399		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/07/2015
0001310987		WINDSHIELD WASHER FLUID	1	gal	04/07/2015
0001310829		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	04/07/2015
0001310933		MOTOR OIL	1	gal	04/07/2015
0001310819		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	04/07/2015
0001310942		MOTOR OIL	1	gal	04/07/2015
0001310919		MOTOR OIL	1	gal	04/07/2015
0001310918		MOTOR OIL	1	gal	04/07/2015
0001310916		MOTOR OIL	1	gal	04/07/2015
0001310941		MOTOR OIL	1	gal	04/07/2015
0001310931		MOTOR OIL		gal	04/07/2015
0001310921		MOTOR OIL		gal	04/07/2015
0001310932		MOTOR OIL		gal	04/07/2015
0001310979		MOTOR OIL		gal	04/07/2015
0001310917		MOTOR OIL		gal	04/07/2015
0001310939		MOTOR OIL	1		04/07/2015
0001310938		MOTOR OIL		gal	04/07/2015 04/07/2015
0001310923 0001310934		MOTOR OIL MOTOR OIL		gal gal	04/07/2015
0001310934		MOTOR OIL		gal	04/07/2015
0001310937		MOTOR OIL		gal	04/07/2015
0001310937		MOTOR OIL		gal	04/07/2015
0001310940		MOTOR OIL		gal	04/07/2015
0001310981		WINDSHIELD WASHER FLUID		gal	04/07/2015
0001310783		SANDABLE PRIMER	12	OZ	04/07/2015
0001310809		Premium enamel		OZ	04/07/2015
0001310986		WINDSHIELD WASHER FLUID		gal	04/07/2015
0001310984		WINDSHIELD WASHER FLUID	1	gal	04/07/2015
0001339408		ANISALDEHYDE	50	ml	04/07/2015
	1ulti	HAFNIUM n-BUTOXIDE		gm	04/07/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001310898		MOTOR OIL	1	qt	04/07/2015
0001310920		MOTOR OIL	1	gal	04/07/2015
0001310982		WINDSHIELD WASHER FLUID	1	gal	04/07/2015
0001310818		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	04/07/2015
0001310980		MOTOR OIL	1	gal	04/07/2015
0001310911		MOTOR OIL	1	qt	04/07/2015
0001310912		MOTOR OIL	1	qt	04/07/2015
0001310913		MOTOR OIL	1	qt	04/07/2015
0001310914		MOTOR OIL		gal	04/07/2015
0001310915		MOTOR OIL		gal	04/07/2015
0001310943		MOTOR OIL		gal	04/07/2015
0001310959		MOTOR OIL		gal	04/07/2015
0001310983		WINDSHIELD WASHER FLUID		gal	04/07/2015
0001339265		AMTAX STANDARD SOLUTION	1	I	04/07/2015
0001339381	67-63-0	ISOPROPANOL, ANHYDROUS	1	I	04/07/2015
0001339382	67-63-0	ISOPROPANOL, ANHYDROUS	1	I	04/07/2015
0001339170	7697-37-2	NITRIC ACID OPTIMA	500	ml	04/07/2015
0001339171	7697-37-2	NITRIC ACID OPTIMA	500	ml	04/07/2015
0001331101		ACRYLIC LATEX CAULK PLUS SILICONE	10.1	OZ	04/07/2015
0001339173	7697-37-2	NITRIC ACID OPTIMA	500	ml	04/07/2015
0001310787		SANDABLE PRIMER	12	OZ	04/07/2015
0001339273		AMTAX STANDARD SOLUTION	1	I	04/07/2015
0001339264		AMTAX STANDARD SOLUTION	1	I	04/07/2015
0001339398		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/07/2015
0001339266		AMTAX STANDARD SOLUTION	1	I	04/07/2015
0001339267		AMTAX STANDARD SOLUTION	1	I	04/07/2015
0001339268		AMTAX STANDARD SOLUTION	1	I	04/07/2015
0001339269		AMTAX STANDARD SOLUTION	1	I	04/07/2015
0001339270		AMTAX STANDARD SOLUTION	1	l _	04/07/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001339271		AMTAX STANDARD SOLUTION	1	I	04/07/2015
0001339272		AMTAX STANDARD SOLUTION	1	I	04/07/2015
0001339263		AMTAX STANDARD SOLUTION	1	I	04/07/2015
0001331137		BIG STRETCH CAULK	10.5	OZ	04/07/2015
0001339407		LEAD (II) IODIDE	50	gm	04/07/2015
0001339406		LEAD (II) IODIDE	50	gm	04/07/2015
0001331229		SPRAY ADHESIVE (CONTAINS PETROLEUM DISTILLATES)	12	oz	04/07/2015
0001331143		BIG STRETCH CAULK	10.5	OZ	04/07/2015
0001331142		BIG STRETCH CAULK	10.5	OZ	04/07/2015
0001331141		BIG STRETCH CAULK	10.5	OZ	04/07/2015
0001331140		BIG STRETCH CAULK	10.5	OZ	04/07/2015
0001310904		MOTOR OIL	1	qt	04/07/2015
0001331138		BIG STRETCH CAULK	10.5	OZ	04/07/2015
0000912992	7647-01-0	HYDROCHLORIC ACID TRACE METAL-35%	500	ml	04/07/2015
0001310945		MOTOR OIL	1	gal	04/07/2015
0001331136		BIG STRETCH CAULK	10.5		04/07/2015
0001331135		BIG STRETCH CAULK	10.5	OZ	04/07/2015
0001331134		BIG STRETCH CAULK	10.5	OZ	04/07/2015
0001310946		MOTOR OIL	1	gal	04/07/2015
0001331133		BIG STRETCH CAULK	10.5	OZ	04/07/2015
0001331132		BIG STRETCH CAULK	10.5	OZ	04/07/2015
0001339174	7697-37-2	NITRIC ACID OPTIMA	500	ml	04/07/2015
0001331139		BIG STRETCH CAULK	10.5	oz	04/07/2015
0001310880		MOTOR OIL	1	qt	04/07/2015
0001310899		MOTOR OIL	1	qt	04/07/2015
0000912991	7647-01-0	HYDROCHLORIC ACID TRACE METAL-35%	500	ml	04/07/2015
0001339282		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473	ml	04/07/2015
0001310905		MOTOR OIL	1	qt	04/07/2015
0001310906		MOTOR OIL		qt	04/07/2015
0001310908		MOTOR OIL		qt	04/07/2015
0001339172	7697-37-2	NITRIC ACID OPTIMA	500	•	04/07/2015
0001310900		MOTOR OIL		qt	04/07/2015
0001310910		MOTOR OIL		qt	04/07/2015
0001310907		MOTOR OIL		qt	04/07/2015
0001339397		FANTASTIKE ALL PURPOSE CLEANER		OZ	04/07/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001339396		FANTASTIKE ALL PURPOSE CLEANER	32	oz	04/07/2015
0001339395		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/07/2015
0001339394		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/07/2015
0001339393		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/07/2015
0001331131		BIG STRETCH CAULK	10.5	OZ	04/07/2015
0001310789		SANDABLE PRIMER	12	OZ	04/07/2015
0001310788		SANDABLE PRIMER	12	OZ	04/07/2015
0001310909		MOTOR OIL	1	qt	04/07/2015
0001339280	7732-18-5	Total Chlorine Buffer Solution	473	ml	04/07/2015
0001339278	7732-18-5	Total Chlorine Buffer Solution	473	ml	04/07/2015
0001339277	7732-18-5	Total Chlorine Buffer Solution	473	ml	04/07/2015
0001339276	7732-18-5	Total Chlorine Buffer Solution	473	ml	04/07/2015
0001339275	7732-18-5	Total Chlorine Buffer Solution	473	ml	04/07/2015
0001339274		AMTAX STANDARD SOLUTION	1	I	04/07/2015
0001339279	7732-18-5	Total Chlorine Buffer Solution	473	ml	04/07/2015
0001310903		MOTOR OIL	1	qt	04/07/2015
0001310902		MOTOR OIL		qt	04/07/2015
0001339281		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473		04/07/2015
0001310901		MOTOR OIL	1	qt	04/07/2015
0001310882		MOTOR OIL		qt	04/07/2015
0001310889		MOTOR OIL	1	qt	04/07/2015
0001310757		DI-ELECTRIC GREASE	3.3	OZ	04/07/2015
0001310881		MOTOR OIL	1	qt	04/07/2015
0001310883		MOTOR OIL	1	qt	04/07/2015
0001310884		MOTOR OIL	1	qt	04/07/2015
0001310885		MOTOR OIL	1	qt	04/07/2015
0001310886		MOTOR OIL	1	qt	04/07/2015
0001310887		MOTOR OIL	1	qt	04/07/2015
0001310888		MOTOR OIL		qt	04/07/2015
0001310897		MOTOR OIL	1	qt	04/07/2015
0001310896		MOTOR OIL	1	qt	04/07/2015
0001310895		MOTOR OIL	1	qt	04/07/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001339285		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473	ml	04/07/2015
0001339288	21679-46-9	COBALT (III) ACETYLACETONATE	5	gm	04/07/2015
0001339290	7783-93-9	SILVER PERCHLORATE	5	gm	04/07/2015
0001339289	53518-18-6	COUMARIN 153	100	mg	04/07/2015
0001310894		MOTOR OIL	1	qt	04/07/2015
0001339286		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473	ml	04/07/2015
0001339287	14024-18-1	IRON(III) ACETYLACETONATE	10	gm	04/07/2015
0001339284		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473	ml	04/07/2015
0001339283		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473	ml	04/07/2015
0001310758		GASKET SEALANT	3.35	OZ	04/07/2015
0001310759		GASKET SEALANT	3.35	OZ	04/07/2015
0001310760		MULTI-PURPOSE GREASE	14.1	oz	04/07/2015
0001310761		MULTI-PURPOSE GREASE	14.1	OZ	04/07/2015
0001310893		MOTOR OIL	1	qt	04/07/2015
0001280209		TRI-FLOW INDUSTRIAL LUBRICANT WITH TEFLON	12	oz	04/08/2015
0001331148		Flashing Cement SBS 202	5	gal	04/08/2015
0001361142		ARGON 90% METHANE 10%	220		04/08/2015
0001361145		ARGON 90% METHANE 10%	220		04/08/2015
0001331149		Flashing Cement SBS 202		gal	04/08/2015
0001361148		ARGON 90% METHANE 10%	220		04/08/2015
0001361141		ARGON 90% METHANE 10%	220		04/08/2015
0001361147		ARGON 90% METHANE 10%	220		04/08/2015
0001361149		ARGON 90% METHANE 10%	220	†	04/08/2015
0001280029 0001331151		LUBRIPLATE 105		OZ Gol	04/08/2015 04/08/2015
0001331131		Flashing Cement SBS 202 RUST-OLEUM DTM ACRYLIC ENAMEL		gal oz	04/08/2015
0001331153		Flashing Cement SBS 202	5	gal	04/08/2015
0001331150		Flashing Cement SBS 202		gal	04/08/2015
0001351150	7440-59-7	HELIUM	220		04/08/2015
0001331152		Flashing Cement SBS 202		gal	04/08/2015
0001331154		Flashing Cement SBS 202		gal	04/08/2015
0001280165		2-CYCLE ENGINE OIL	6.4		04/08/2015
0001361151	7440-59-7	HELIUM	220		04/08/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001331156		Flashing Cement SBS 202	5	gal	04/08/2015
0001331157		Flashing Cement SBS 202	5	gal	04/08/2015
0001331158		Flashing Cement SBS 202	5	gal	04/08/2015
0001291838		RUST-OLEUM DTM ACRYLIC ENAMEL	12	oz	04/08/2015
0001361144		ARGON 90% METHANE 10%	220	cf	04/08/2015
0001280028		LUBRIPLATE 105	10	oz	04/08/2015
0001331160		Flashing Cement SBS 202		gal	04/08/2015
0001361143		ARGON 90% METHANE 10%	220	cf	04/08/2015
0001280094		WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10	oz	04/08/2015
0001361150		ARGON 90% METHANE 10%	220	cf	04/08/2015
0001361153	7440-59-7	HELIUM	220	cf	04/08/2015
0001331155		Flashing Cement SBS 202	5	gal	04/08/2015
0001291837		RUST-OLEUM DTM ACRYLIC ENAMEL	12	OZ	04/08/2015
0001331159		Flashing Cement SBS 202	5	gal	04/08/2015
0001280164		2-CYCLE ENGINE OIL	6.4	OZ	04/08/2015
0001280192		2-CYCLE ENGINE OIL	6.4	OZ	04/08/2015
0001280186		2-CYCLE ENGINE OIL	6.4	oz	04/08/2015
0001280187		2-CYCLE ENGINE OIL	6.4	OZ	04/08/2015
0001331166		ready mix concrete	60	lb	04/08/2015
0001331167		ready mix concrete	60	lb	04/08/2015
0001280188		2-CYCLE ENGINE OIL	6.4	OZ	04/08/2015
0001331168		ready mix concrete	60	lb	04/08/2015
0001331169		ready mix concrete	60	lb	04/08/2015
0001280189		2-CYCLE ENGINE OIL	6.4	OZ	04/08/2015
0001280092		WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10	oz	04/08/2015
0001280191		2-CYCLE ENGINE OIL	6.4	oz	04/08/2015
0001331164		ready mix concrete	60	lb	04/08/2015
0001280193		2-CYCLE ENGINE OIL	6.4	oz	04/08/2015
0001280194		2-CYCLE ENGINE OIL	6.4	oz	04/08/2015
0001280085		WD-40 LUBRICANT SPRAY	11	OZ	04/08/2015
0001280086		WD-40 LUBRICANT SPRAY	11	OZ	04/08/2015
0001280087		WD-40 LUBRICANT SPRAY	11	OZ	04/08/2015
0001280195		2-CYCLE ENGINE OIL	6.4	OZ	04/08/2015
0001280196		2-CYCLE ENGINE OIL	6.4	OZ	04/08/2015
0001361162		HYDROGEN 1% IN ARGON	220	cf	04/08/2015
0001280190		2-CYCLE ENGINE OIL	6.4	OZ	04/08/2015
0001280180		2-CYCLE ENGINE OIL	6.4		04/08/2015
0001361154	7440-59-7	HELIUM	220		04/08/2015
0001361155	7440-59-7	HELIUM	220	cf	04/08/2015
0001361156	7440-59-7	HELIUM	220		04/08/2015
0001361157	7440-59-7	HELIUM	220	cf	04/08/2015

Barcode	CAS#	Chemical Name	Container	Unit of	Date
0001361150		LIVEROCENI 10/ INI ARCONI	Size	Measure	04/09/2015
0001361158 0001361159		HYDROGEN 1% IN ARGON HYDROGEN 1% IN ARGON	220 220		04/08/2015
0001361159		HYDROGEN 1% IN ARGON	220		04/08/2015 04/08/2015
0001361100	7440-59-7	HELIUM	100		04/08/2015
0001301283	7440-33-7	2-CYCLE ENGINE OIL	6.4		04/08/2015
0001260165		ARGON 90% METHANE 10%	220		04/08/2015
0001331165		ready mix concrete	60		04/08/2015
0001280181		2-CYCLE ENGINE OIL	6.4		04/08/2015
0001280182		2-CYCLE ENGINE OIL	6.4		04/08/2015
0001280183		2-CYCLE ENGINE OIL	6.4	oz	04/08/2015
0001280184		2-CYCLE ENGINE OIL	6.4		04/08/2015
0001361161		HYDROGEN 1% IN ARGON	220	cf	04/08/2015
0001361284	7440-59-7	HELIUM	100	I	04/08/2015
0001361285	7440-59-7	HELIUM	100	1	04/08/2015
0001361286	7782-44-7	OXYGEN	60	cf	04/08/2015
0001361165		HYDROGEN 1% IN ARGON	220	cf	04/08/2015
0001280179		2-CYCLE ENGINE OIL	6.4	oz	04/08/2015
0001280139		2-CYCLE ENGINE OIL	6.4	oz	04/08/2015
0001361163		HYDROGEN 1% IN ARGON	220	cf	04/08/2015
0001280205		MOBIL VACTRA OIL NO. 2		gal	04/08/2015
0001280204		MOBIL VACTRA OIL NO. 2		gal	04/08/2015
0001280203		MOBIL VACTRA OIL NO. 2		gal	04/08/2015
0001280202		MOBIL VACTRA OIL NO. 2		gal	04/08/2015
0001280201		MOBIL VACTRA OIL NO. 2		gal	04/08/2015
0001280200		MOBIL VACTRA OIL NO. 2		gal	04/08/2015
0001280199		MOBIL VACTRA OIL NO. 2		gal	04/08/2015
0001280207		MOBIL VACTRA OIL NO. 2		gal	04/08/2015
0001280140		2-CYCLE ENGINE OIL	6.4		04/08/2015
0001331145		Flashing Cement SBS 202		gal	04/08/2015
0001280138		2-CYCLE ENGINE OIL	6.4		04/08/2015
0001280137 0001280136		2-CYCLE ENGINE OIL 2-CYCLE ENGINE OIL	6.4		04/08/2015
0001280136	7782-44-7	OXYGEN	6.4		04/08/2015 04/08/2015
0001301340	7702-44-7	2-CYCLE ENGINE OIL	6.4		04/08/2015
0001280110		Flashing Cement SBS 202		gal	04/08/2015
0001331147		Flashing Cement SBS 202		gal	04/08/2015
0001331147		Flashing Cement SBS 202		gal	04/08/2015
0001331162		Flashing Cement SBS 202		gal	04/08/2015
0001331132		ZETASOL 120	5		04/08/2015
0001279958		KOOL MIST FORMULA #77		gal	04/08/2015
0001273336		Flashing Cement SBS 202		gal	04/08/2015
0001351101		HYDROGEN 1% IN ARGON	220		04/08/2015
0001361167		HYDROGEN 1% IN ARGON	220		04/08/2015
0001361282	7440-59-7	HELIUM	100		04/08/2015
0001361281	7440-59-7	HELIUM	100		04/08/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001280083		DIRECTORR VACUUM PUMP OIL	1	l	04/08/2015
0001279885		Lenox ProTool Lube	14.5	oz	04/08/2015
0001279886		Lenox ProTool Lube	14.5	oz	04/08/2015
0001280206		MOBIL VACTRA OIL NO. 2	5	gal	04/08/2015
0001279957		KOOL MIST FORMULA #77		gal	04/08/2015
0001361164		HYDROGEN 1% IN ARGON	220	cf	04/08/2015
0001280084		WD-40 LUBRICANT SPRAY	11	OZ	04/08/2015
0001280089		Tap Magic EP-Xtra Cutting Fluid	4	oz	04/08/2015
0001280088		Tap Magic EP-Xtra Cutting Fluid	4	OZ	04/08/2015
0001280095		WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10	OZ	04/08/2015
0001280093		WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10	OZ	04/08/2015
0001280091		WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10	oz	04/08/2015
0001280090		WHITE LIGHTNING SILICONE ULTRA ALL PURPOSE	10	OZ	04/08/2015
0001280208		MOBIL VACTRA OIL NO. 2	5	gal	04/08/2015
0001331144		Flashing Cement SBS 202	5	gal	04/08/2015
0001279956		KOOL MIST FORMULA #77	1	gal	04/08/2015
0001361400	74-98-6	PROPANE	100		04/08/2015
0001361406	7440-59-7	HELIUM	220		04/08/2015
0001361405	74-86-2	ACETYLENE	130		04/08/2015
0001361404	74-86-2	ACETYLENE	130		04/08/2015
0001361403	74-86-2	ACETYLENE	130		04/08/2015
0001361402	74-86-2	ACETYLENE	130	i e	04/08/2015
0001280027		#1 GOLD CUTTING FLUID	11	OZ	04/08/2015
0001361366	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/08/2015
0001361401	74-98-6	PROPANE	5	lb	04/08/2015
0001361409	7440-59-7	HELIUM	220	cf	04/08/2015
0001361399	74-98-6	PROPANE	100	lb	04/08/2015
0001361398	74-98-6	PROPANE	17	gal	04/08/2015
0001361397	74-98-6	PROPANE	17	gal	04/08/2015
0001361396	74-98-6	PROPANE	17	gal	04/08/2015
0001361375	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/08/2015
0001361374	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/08/2015
0001280026		#1 GOLD CUTTING FLUID	11	OZ	04/08/2015
0001361390	7440-59-7	HELIUM, ULTRA HIGH PURITY	220	cf	04/08/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001361168		HYDROGEN 1% IN ARGON	220	cf	04/08/2015
0001280077		DIRECTORR VACUUM PUMP OIL	1	I	04/08/2015
0001280078		DIRECTORR VACUUM PUMP OIL	1	I	04/08/2015
0012888716		Bare Conductive Paint	10	ml	04/08/2015
0001280079		DIRECTORR VACUUM PUMP OIL	1	I	04/08/2015
0001280080		DIRECTORR VACUUM PUMP OIL	1	I	04/08/2015
0001361407	7440-59-7	HELIUM	220	cf	04/08/2015
0001280082		DIRECTORR VACUUM PUMP OIL	1	I	04/08/2015
0001361408	7440-59-7	HELIUM	220	cf	04/08/2015
0001361391	7440-59-7	HELIUM, ULTRA HIGH PURITY	220	cf	04/08/2015
0001361383	7440-59-7	HELIUM, ULTRA HIGH PURITY	220	cf	04/08/2015
0001280114		2-CYCLE ENGINE OIL	6.4	OZ	04/08/2015
0001361411	7440-59-7	HELIUM	220		04/08/2015
0001361347	7782-44-7	OXYGEN	220	cf	04/08/2015
0001361410	7440-59-7	HELIUM	220	cf	04/08/2015
0001361371	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/08/2015
0001280081		DIRECTORR VACUUM PUMP OIL	1	I	04/08/2015
0001280151		2-CYCLE ENGINE OIL	6.4	OZ	04/08/2015
0001361373	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/08/2015
0001280141		2-CYCLE ENGINE OIL	6.4	OZ	04/08/2015
0001280145		2-CYCLE ENGINE OIL	6.4	OZ	04/08/2015
0001280146		2-CYCLE ENGINE OIL	6.4	oz	04/08/2015
0001280147		2-CYCLE ENGINE OIL	6.4	oz	04/08/2015
0001280148		2-CYCLE ENGINE OIL	6.4	OZ	04/08/2015
0001280143		2-CYCLE ENGINE OIL	6.4		04/08/2015
0001280150		2-CYCLE ENGINE OIL	6.4		04/08/2015
0001280142		2-CYCLE ENGINE OIL	-	OZ	04/08/2015
0001280152		2-CYCLE ENGINE OIL	6.4		04/08/2015
0001280153		2-CYCLE ENGINE OIL	6.4		04/08/2015
0001280154		2-CYCLE ENGINE OIL	6.4		04/08/2015
0001280155		2-CYCLE ENGINE OIL	6.4		04/08/2015
0001280156		2-CYCLE ENGINE OIL	6.4	UZ	04/08/2015
0001180526	556-67-2	OCTAMETHYLCYCLOTETRASILOXANE	2.8		04/08/2015
0001310989		BUTANE FUEL	5.1	OZ	04/08/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001280149		2-CYCLE ENGINE OIL	6.4		04/08/2015
0001361343	7782-44-7	OXYGEN	220	cf	04/08/2015
0001361171		HYDROGEN 1% IN ARGON	220	cf	04/08/2015
0001361370	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/08/2015
0001361369	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/08/2015
0001361368	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/08/2015
0001361367	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/08/2015
0001361384	7440-59-7	HELIUM, ULTRA HIGH PURITY	220	cf	04/08/2015
0001180524	556-67-2	OCTAMETHYLCYCLOTETRASILOXANE	2.8	oz	04/08/2015
0001361344	7782-44-7	OXYGEN	220	cf	04/08/2015
0001361372	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/08/2015
0001361342	7782-44-7	OXYGEN	220	cf	04/08/2015
0001361341	7782-44-7	OXYGEN	220	cf	04/08/2015
0001361340	7782-44-7	OXYGEN	220	cf	04/08/2015
0001361339	7782-44-7	OXYGEN	220	cf	04/08/2015
0001361392	74-98-6	PROPANE	17	gal	04/08/2015
0001361385	7440-59-7	HELIUM, ULTRA HIGH PURITY	220	cf	04/08/2015
0001180523	556-67-2	OCTAMETHYLCYCLOTETRASILOXANE	2.8	OZ	04/08/2015
0001361345	7782-44-7	OXYGEN	220	cf	04/08/2015
0001361378	7440-59-7	HELIUM, ULTRA HIGH PURITY	220	cf	04/08/2015
0001361318	7782-44-7	OXYGEN	220	cf	04/08/2015
0001361135	7727-37-9	NITROGEN	220	cf	04/08/2015
0001361136		ARGON 90% METHANE 10%	220	cf	04/08/2015
0001288717		Bare Conductive Paint	50	ml	04/08/2015
0001361382	7440-59-7	HELIUM, ULTRA HIGH PURITY	220	cf	04/08/2015
0001361381	7440-59-7	HELIUM, ULTRA HIGH PURITY	220	cf	04/08/2015
0001361422	7727-37-9	NITROGEN	220	cf	04/08/2015
0001361379	7440-59-7	HELIUM, ULTRA HIGH PURITY	220	cf	04/08/2015
0001361421	7727-37-9	NITROGEN	220	cf	04/08/2015
0001361377	7440-59-7	HELIUM, ULTRA HIGH PURITY	220	cf	04/08/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001361376	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/08/2015
0001361323	7782-44-7	OXYGEN	220	cf	04/08/2015
0001361322	7782-44-7	OXYGEN	220	cf	04/08/2015
0001361321	7782-44-7	OXYGEN	220	cf	04/08/2015
0001361320	7782-44-7	OXYGEN	220	cf	04/08/2015
0001361169		HYDROGEN 1% IN ARGON	220	cf	04/08/2015
0001361380	7440-59-7	HELIUM, ULTRA HIGH PURITY	220	cf	04/08/2015
0001361414	7727-37-9	NITROGEN	220	cf	04/08/2015
0001361328	7782-44-7	OXYGEN	220	cf	04/08/2015
0001361327	7782-44-7	OXYGEN	220	cf	04/08/2015
0001361326	7782-44-7	OXYGEN	220	cf	04/08/2015
0001361325	7782-44-7	OXYGEN	220	cf	04/08/2015
0001361389	7440-59-7	HELIUM, ULTRA HIGH PURITY	220	cf	04/08/2015
0001361388	7440-59-7	HELIUM, ULTRA HIGH PURITY	220	cf	04/08/2015
0001361324	7782-44-7	OXYGEN	220	cf	04/08/2015
0001361413	7440-59-7	HELIUM	220	cf	04/08/2015
0001361317	7782-44-7	OXYGEN ULTRA HIGH PURITY	220	cf	04/08/2015
0001361415	7727-37-9	NITROGEN	220	cf	04/08/2015
0001361416	7727-37-9	NITROGEN	220	cf	04/08/2015
0001361417	7727-37-9	NITROGEN	220	cf	04/08/2015
0001361418	7727-37-9	NITROGEN	220	cf	04/08/2015
0001361419	7727-37-9	NITROGEN	220	cf	04/08/2015
0001361420	7727-37-9	NITROGEN	220	cf	04/08/2015
0001310988		BUTANE FUEL	5.1	oz	04/08/2015
0001361412	7440-59-7	HELIUM	220	cf	04/08/2015
0001361178	1333-74-0	HYDROGEN	220	cf	04/08/2015
0001361319	7782-44-7	OXYGEN	220	cf	04/08/2015
0001280075		DIRECTORR VACUUM PUMP OIL	1	I	04/08/2015
0001280076		DIRECTORR VACUUM PUMP OIL	1	I	04/08/2015
0001361183	1333-74-0	HYDROGEN	220	cf	04/08/2015
0001361182	1333-74-0	HYDROGEN	220		04/08/2015
0001361181	1333-74-0	HYDROGEN	220	cf	04/08/2015
0001280073		DIRECTORR VACUUM PUMP OIL	1	I	04/08/2015
0001361179	1333-74-0	HYDROGEN	220	cf	04/08/2015
0001280072		DIRECTORR VACUUM PUMP OIL	1	I	04/08/2015
0001361177	1333-74-0	HYDROGEN	220	cf	04/08/2015

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Barcode	CAS#	Chemical Name	Size	Measure	Date
0001361176	1333-74-0	HYDROGEN	220		04/08/2015
0001361175	1333-74-0	HYDROGEN	220		04/08/2015
0001361174	1333-74-0	HYDROGEN	220	ļ	04/08/2015
0001361173		HYDROGEN 1% IN ARGON	220		04/08/2015
0001361172		HYDROGEN 1% IN ARGON	220	ct	04/08/2015
0001180525	556-67-2	OCTAMETHYLCYCLOTETRASILOXANE	2.8	oz	04/08/2015
0001361180	1333-74-0	HYDROGEN	220	cf	04/08/2015
0001361308	7782-44-7	OXYGEN ULTRA HIGH PURITY	220	cf	04/08/2015
0001361316	7782-44-7	OXYGEN ULTRA HIGH PURITY	220	cf	04/08/2015
0001361315	7782-44-7	OXYGEN ULTRA HIGH PURITY	220	cf	04/08/2015
0001361314	7782-44-7	OXYGEN ULTRA HIGH PURITY	220	cf	04/08/2015
0001361313	7782-44-7	OXYGEN ULTRA HIGH PURITY	220	cf	04/08/2015
0001361312	7782-44-7	OXYGEN ULTRA HIGH PURITY	220	cf	04/08/2015
0001361311	7782-44-7	OXYGEN ULTRA HIGH PURITY	220	cf	04/08/2015
0001280074		DIRECTORR VACUUM PUMP OIL	1	I	04/08/2015
0001361309	7782-44-7	OXYGEN ULTRA HIGH PURITY	220	cf	04/08/2015
0001361170		HYDROGEN 1% IN ARGON	220	cf	04/08/2015
0001361307	7782-44-7	OXYGEN ULTRA HIGH PURITY	220	cf	04/08/2015
0001361306	7782-44-7	OXYGEN ULTRA HIGH PURITY	220	cf	04/08/2015
0001361305	7782-44-7	OXYGEN ULTRA HIGH PURITY	220	cf	04/08/2015
0001361304	7782-44-7	OXYGEN ULTRA HIGH PURITY	220	cf	04/08/2015
0001361303	7782-44-7	OXYGEN ULTRA HIGH PURITY	220	cf	04/08/2015
0001280197		2-CYCLE ENGINE OIL	6.4	OZ	04/08/2015
0001280198		2-CYCLE ENGINE OIL	6.4	OZ	04/08/2015
0001361310	7782-44-7	OXYGEN ULTRA HIGH PURITY	220	cf	04/08/2015
0001280109		2-CYCLE ENGINE OIL	6.4	OZ	04/08/2015
0001280120		2-CYCLE ENGINE OIL	6.4		04/08/2015
0001280104		2-CYCLE ENGINE OIL	6.4	OZ	04/08/2015
0001280105		2-CYCLE ENGINE OIL	6.4	OZ	04/08/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001280106		2-CYCLE ENGINE OIL	6.4		04/08/2015
0001280107		2-CYCLE ENGINE OIL	6.4		04/08/2015
0001280108		2-CYCLE ENGINE OIL	6.4	OZ	04/08/2015
0001361360	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/08/2015
0001361361	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/08/2015
0001361362	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/08/2015
0001361363	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/08/2015
0001361299		10% METHANE/BAL. ARGON	220	cf	04/08/2015
0001361365	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/08/2015
0001361350	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/08/2015
0001361295		10% METHANE/BAL. ARGON	220	cf	04/08/2015
0001361293		10% METHANE/BAL. ARGON	220	cf	04/08/2015
0001361294		10% METHANE/BAL. ARGON	220	cf	04/08/2015
0001361300		10% METHANE/BAL. ARGON	220	cf	04/08/2015
0001280111		2-CYCLE ENGINE OIL	6.4	OZ	04/08/2015
0001280112		2-CYCLE ENGINE OIL	6.4	OZ	04/08/2015
0001280113		2-CYCLE ENGINE OIL	6.4	OZ	04/08/2015
0001280115		2-CYCLE ENGINE OIL	6.4	oz	04/08/2015
0001361301		10% METHANE/BAL. ARGON	220	cf	04/08/2015
0001280118		2-CYCLE ENGINE OIL	6.4	oz	04/08/2015
0001280110		2-CYCLE ENGINE OIL	6.4	oz	04/08/2015
0001361364	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/08/2015
0001361290		10% METHANE/BAL. ARGON	220	cf	04/08/2015
0001361296		10% METHANE/BAL. ARGON	220	cf	04/08/2015
0001361358	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/08/2015
0001361359	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/08/2015
0001361137		ARGON 90% METHANE 10%	220	cf	04/08/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001361297		10% METHANE/BAL. ARGON	220	cf	04/08/2015
0001361138		ARGON 90% METHANE 10%	220	cf	04/08/2015
0001361357	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/08/2015
0001361395	74-98-6	PROPANE	17	gal	04/08/2015
0001361394	74-98-6	PROPANE	17	gal	04/08/2015
0001361287	7782-44-7	OXYGEN	60	cf	04/08/2015
0001280103		2-CYCLE ENGINE OIL	6.4	OZ	04/08/2015
0001361289		10% METHANE/BAL. ARGON	220	cf	04/08/2015
0001280119		2-CYCLE ENGINE OIL	6.4	OZ	04/08/2015
0001361298		10% METHANE/BAL. ARGON	220	cf	04/08/2015
0001361139		ARGON 90% METHANE 10%	220	cf	04/08/2015
0001361140		ARGON 90% METHANE 10%	220	cf	04/08/2015
0001280144		2-CYCLE ENGINE OIL	6.4	OZ	04/08/2015
0001361355	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/08/2015
0001361354	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/08/2015
0001361291		10% METHANE/BAL. ARGON	220	cf	04/08/2015
0001361292		10% METHANE/BAL. ARGON	220	cf	04/08/2015
0001361353	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/08/2015
0001361352	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/08/2015
0001361351	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/08/2015
0001361288		10% METHANE/BAL. ARGON	220	cf	04/08/2015
0001280167		2-CYCLE ENGINE OIL	6.4	oz	04/08/2015
0001280121		2-CYCLE ENGINE OIL	6.4	oz	04/08/2015
0001280130		2-CYCLE ENGINE OIL	6.4	oz	04/08/2015
0001280117		2-CYCLE ENGINE OIL	6.4	oz	04/08/2015
0001280132		2-CYCLE ENGINE OIL	6.4	oz	04/08/2015
0001280133		2-CYCLE ENGINE OIL	6.4	OZ	04/08/2015
0001361348	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/08/2015
0001361387	7440-59-7	HELIUM, ULTRA HIGH PURITY	220	cf	04/08/2015
0001361393	74-98-6	PROPANE	17	gal	04/08/2015
0001280134		2-CYCLE ENGINE OIL	6.4		04/08/2015

			Container	Unit of	
Barcode	CAS#	Chemical Name	Size	Measure	Date
0001280135		2-CYCLE ENGINE OIL	6.4	oz	04/08/2015
0001280158		2-CYCLE ENGINE OIL	6.4	oz	04/08/2015
0001280128		2-CYCLE ENGINE OIL	6.4	oz	04/08/2015
0001280166		2-CYCLE ENGINE OIL	6.4	oz	04/08/2015
0001280129		2-CYCLE ENGINE OIL	6.4	oz	04/08/2015
0001280168		2-CYCLE ENGINE OIL	6.4	oz	04/08/2015
0001280169		2-CYCLE ENGINE OIL	6.4	oz	04/08/2015
0001280170		2-CYCLE ENGINE OIL	6.4	OZ	04/08/2015
0001280171		2-CYCLE ENGINE OIL	6.4	OZ	04/08/2015
0001280172		2-CYCLE ENGINE OIL	6.4	OZ	04/08/2015
0001280173		2-CYCLE ENGINE OIL	6.4	OZ	04/08/2015
0001280174		2-CYCLE ENGINE OIL	6.4	oz	04/08/2015
0001280175		2-CYCLE ENGINE OIL	6.4	OZ	04/08/2015
0001280176		2-CYCLE ENGINE OIL	6.4	oz	04/08/2015
0001280177		2-CYCLE ENGINE OIL	6.4	oz	04/08/2015
0001280178		2-CYCLE ENGINE OIL	6.4	oz	04/08/2015
0001280157		2-CYCLE ENGINE OIL	6.4		04/08/2015
0001280161		2-CYCLE ENGINE OIL	6.4		04/08/2015
0001280122		2-CYCLE ENGINE OIL	6.4	oz	04/08/2015
0001280123		2-CYCLE ENGINE OIL	6.4		04/08/2015
0001280124		2-CYCLE ENGINE OIL	6.4		04/08/2015
0001280125		2-CYCLE ENGINE OIL	6.4		04/08/2015
0001280126		2-CYCLE ENGINE OIL	6.4		04/08/2015
0001280127		2-CYCLE ENGINE OIL	6.4		04/08/2015
0001280163		2-CYCLE ENGINE OIL	6.4		04/08/2015
0001280162		2-CYCLE ENGINE OIL	6.4		04/08/2015
0001361329	7782-44-7	OXYGEN	220		04/08/2015
0001280131	7762 117	2-CYCLE ENGINE OIL	6.4		04/08/2015
0001361331	7782-44-7	OXYGEN	220		04/08/2015
0001361338	7782-44-7	OXYGEN	220		04/08/2015
0001361333	7782-44-7	OXYGEN	220		04/08/2015
0001361337	7782-44-7	OXYGEN	220		04/08/2015
0001361337	7782-44-7	OXYGEN	220		04/08/2015
0001361335	7782-44-7	OXYGEN	220		04/08/2015
0001361330	7782-44-7	OXYGEN	220		04/08/2015
0001361334	7782-44-7	OXYGEN	220		04/08/2015
0001301334	7782-44-7	2-CYCLE ENGINE OIL	6.4		04/08/2015
0001280100		2-CICLL LINGING OIL	0.4	02	04/08/2013
0001361349	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/08/2015
0001361332	7782-44-7	OXYGEN	220	cf	04/08/2015
0001361386	7440-59-7	HELIUM, ULTRA HIGH PURITY	220	cf	04/08/2015
0001361302		10% METHANE/BAL. ARGON	220	cf	04/08/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001361356	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/08/2015
0001280159		2-CYCLE ENGINE OIL	6.4	OZ	04/08/2015
0001361195	811-97-2	AIR	220	cf	04/08/2015
0001361194	811-97-2	AIR	220		04/08/2015
0001361193	811-97-2	AIR	220	cf	04/08/2015
0001361196		3.98% HYDROGEN/4.12% NITR	220	cf	04/08/2015
0001361192	811-97-2	AIR	220		04/08/2015
0001361191	811-97-2	AIR	220	cf	04/08/2015
0001361190	811-97-2	AIR	220	cf	04/08/2015
0001361197		3.98% HYDROGEN/4.12% NITR	220	cf	04/08/2015
0001361188	7440-59-7	HELIUM	80	cf	04/08/2015
0001361187		3% HYDROGEN/BAL. HELIUM	220	cf	04/08/2015
0001361189	811-97-2	AIR	220	cf	04/08/2015
0001361198		3.98% HYDROGEN/4.12% NITR	220	cf	04/08/2015
0001361199		3.98% HYDROGEN/4.12% NITR	220	cf	04/08/2015
0001361200		3.98% HYDROGEN/4.12% NITR	220	cf	04/08/2015
0001361201		3.98% HYDROGEN/4.12% NITR	220	cf	04/08/2015
0001361134	7440-59-7	HELIUM	100	I	04/08/2015
0001361203		3.98% HYDROGEN/4.12% NITR	220	cf	04/08/2015
0001361131	7440-59-7	HELIUM	100	I	04/08/2015
0001361132	7440-59-7	HELIUM	100		04/08/2015
0001361133	7440-59-7	HELIUM	100	I	04/08/2015
0001361186		3% HYDROGEN/BAL. HELIUM	220	cf	04/08/2015
0001361280	7440-59-7	HELIUM	100	I	04/08/2015
0001361202		3.98% HYDROGEN/4.12% NITR	220	cf	04/08/2015
0001361184	1333-74-0	HYDROGEN	220	cf	04/08/2015
0001361185		3% HYDROGEN/BAL. HELIUM	220	cf	04/08/2015
0001361279	7440-59-7	HELIUM	100	I	04/08/2015
0001311018		ANTIFREEZE/COOLANT		gal	04/09/2015
0001311003		DRY FILM MOLY LUBRICANT LU 200		OZ	04/09/2015
0001311016	7440-21-3	SILICONE LUBRICANT	10	OZ	04/09/2015
0001311002		CHAIN AND CABLE FLUID		OZ	04/09/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001311017	7440-21-3	SILICONE LUBRICANT		OZ	04/09/2015
0001311012		CARB AND CHOKE CLEANER		oz	04/09/2015
0001310997		Motor Oil 10/30	1	qt	04/09/2015
0001339421	160848-22-6	[6,6]-Phenyl C61 butyric acid methyl ester	1	gm	04/09/2015
0001338826	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE), 36.5-38.0%	500	ml	04/09/2015
0001338825	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE), 36.5-38.0%	500	ml	04/09/2015
0001338824	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE), 36.5-38.0%	500	ml	04/09/2015
0001311037		ALL PURPOSE CLEANER	1	gal	04/09/2015
0001311015		BUTANE FUEL	5.82	OZ	04/09/2015
0001339420	160848-22-6	[6,6]-Phenyl C61 butyric acid methyl ester	1	gm	04/09/2015
0001311013		CARB AND CHOKE CLEANER	13	OZ	04/09/2015
0001311004		DRY FILM MOLY LUBRICANT LU 200	11	OZ	04/09/2015
0001311011		CARB AND CHOKE CLEANER	13	OZ	04/09/2015
0001311010		CARB AND CHOKE CLEANER	13	OZ	04/09/2015
0001311009		CARB AND CHOKE CLEANER	13	oz	04/09/2015
0001311008		CARB AND CHOKE CLEANER	13	OZ	04/09/2015
0001311007		CARB AND CHOKE CLEANER	13	oz	04/09/2015
0001311006		DRY FILM MOLY LUBRICANT LU 200	11	oz	04/09/2015
0001311005		DRY FILM MOLY LUBRICANT LU 200	11	oz	04/09/2015
0001311014		BUTANE FUEL	5.82	OZ	04/09/2015
0001339417	67-63-0	2-PROPANOL OPTIMA	1	I	04/09/2015
0001310999		Motor Oil 10/30	1	qt	04/09/2015
0001310998		Motor Oil 10/30	1	qt	04/09/2015
0001311031		ANTIFREEZE/COOLANT	1	gal	04/09/2015
0001310996		Motor Oil 10/30		qt	04/09/2015
0001310995		Motor Oil 10/30	1	qt	04/09/2015
0001310994		Motor Oil 10/30		qt	04/09/2015
0001310993		Motor Oil 10/30		qt	04/09/2015
0001310992		Motor Oil 10/30		qt	04/09/2015
0001310991		Motor Oil 10/30		qt	04/09/2015
0001311001	67.62.0	Motor Oil 10/30		qt	04/09/2015
0001339416	67-63-0	2-PROPANOL OPTIMA	1		04/09/2015
0001339295		Diamond compound syringe	18	gm	04/09/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001339294	64-19-7	ACETIC ACID (VINEGAR ACID), GLACIAL	500	ml	04/09/2015
0001339418	67-63-0	2-PROPANOL OPTIMA	1	I	04/09/2015
0001311030		ANTIFREEZE/COOLANT	1	gal	04/09/2015
0001311036		Hydraulic Fluid AW #32	5	gal	04/09/2015
0001311035		ANTIFREEZE/COOLANT	1	gal	04/09/2015
0001311034		ANTIFREEZE/COOLANT	1	gal	04/09/2015
0001339419		LATEX MICROSPHERE SUSPENSIONS 5000 SERIES	15	ml	04/09/2015
0001311033		ANTIFREEZE/COOLANT	1	gal	04/09/2015
0001311032		ANTIFREEZE/COOLANT	1	gal	04/09/2015
0001310990		Motor Oil 10/30	1	qt	04/09/2015
0001311027		ANTIFREEZE/COOLANT	1	gal	04/09/2015
0001338827	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE), 36.5-38.0%	500	ml	04/09/2015
0001311020		ANTIFREEZE/COOLANT	1	gal	04/09/2015
0001311021		ANTIFREEZE/COOLANT	1	gal	04/09/2015
0001311022		ANTIFREEZE/COOLANT	1	gal	04/09/2015
0001311023		ANTIFREEZE/COOLANT	1	gal	04/09/2015
0001311024		ANTIFREEZE/COOLANT		gal	04/09/2015
0001339413	67-63-0	2-PROPANOL OPTIMA	1	I	04/09/2015
0001339414	67-63-0	2-PROPANOL OPTIMA	1	1	04/09/2015
0001339415	67-63-0	2-PROPANOL OPTIMA	1	1	04/09/2015
0001311000		Motor Oil 10/30	1	qt	04/09/2015
0001311026		ANTIFREEZE/COOLANT	1	gal	04/09/2015
0001311019		ANTIFREEZE/COOLANT	1	gal	04/09/2015
0001311028		ANTIFREEZE/COOLANT	1	gal	04/09/2015
0001311029		ANTIFREEZE/COOLANT	1	gal	04/09/2015
0001339297		DIAMOND COMPOUND 6U		gm	04/09/2015
0001331175		ready mix concrete	60	lb	04/09/2015
0001331174		ready mix concrete	60	lb	04/09/2015
0001331173		ready mix concrete	60	lb	04/09/2015
0001331172		ready mix concrete	60	lb	04/09/2015
0001331171		ready mix concrete	60	lb	04/09/2015
0001331170		ready mix concrete	60	lb	04/09/2015
0001339296		DIAMOND PASTE	15	gm	04/09/2015
0001311025		ANTIFREEZE/COOLANT	1	gal	04/09/2015
0001339315	666-52-4	DEUTERATED ACETONE (ACETONE-D6)	100	ml	04/09/2015
0001339389	Multi	FerroZine Iron Reagent Solution Pillows	100	gm	04/09/2015
0001339390	95-50-1	1,2-DICHLOROBENZENE	5	gm	04/09/2015
0001339316	9002-84-0	POLYTETRAFLUOROETHYLENE	2.5	OZ	04/09/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001332008		Acrylic Latex Caulk White	10.1	oz	04/10/2015
0001332001		ARDEX FEATHER FINISH	10	lb	04/10/2015
0001332000		ARDEX FEATHER FINISH		lb	04/10/2015
0001331999		ARDEX FEATHER FINISH		lb	04/10/2015
0001331998		ARDEX FEATHER FINISH	10		04/10/2015
0001331997		ARDEX FEATHER FINISH	10		04/10/2015
0001331996		ARDEX FEATHER FINISH	10		04/10/2015
0001331995		ARDEX FEATHER FINISH		lb	04/10/2015
0001331994		ARDEX FEATHER FINISH		lb	04/10/2015
0001331975		PSX 700 CURE		gal	04/10/2015
0001331976		PSX 700 CURE		gal	04/10/2015
0001331993		ARDEX FEATHER FINISH	10	lb	04/10/2015
0001331977		PSX 700 CURE	1	04.	04/10/2015
0001331978		PSX 700 CURE		gal	04/10/2015
0001331979		PSX 700 CURE		gal	04/10/2015
0001331182		PSX 700 CURE		gal	04/10/2015
0001332316		VULKEM 116 BUFF	10.1		04/10/2015
0001332012		Acrylic Latex Caulk White	10.1		04/10/2015
0001332325		VULKEM 116 BUFF	10.1		04/10/2015
0001332324		VULKEM 116 BUFF	10.1		04/10/2015
0001332323		VULKEM 116 BUFF	10.1		04/10/2015
0001332322		VULKEM 116 BUFF	10.1		04/10/2015
0001332321		VULKEM 116 BUFF	10.1		04/10/2015
0001332320		VULKEM 116 BUFF	10.1		04/10/2015
0001332319		VULKEM 116 BUFF	10.1		04/10/2015
0001332327		VULKEM 116 BUFF	10.1		04/10/2015
0001332317		VULKEM 116 BUFF	10.1		04/10/2015
0001332328		VULKEM 116 BUFF	10.1		04/10/2015
0001332315		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332006		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	5	gal	04/10/2015
0001332007		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	5	gal	04/10/2015
0001331992		ARDEX FEATHER FINISH	10	lb	04/10/2015
0001332050		Acrylic Latex Caulk White	10.1	oz	04/10/2015
0001311038		NITRAVER-TEST-N-TUBE REAGENT HACH # 26053-45	100	ml	04/10/2015
0001311039		NITRAVER-TEST-N-TUBE REAGENT HACH # 26053-45	100	ml	04/10/2015
0001332163		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332318		VULKEM 116 BUFF	10.1		04/10/2015
0001332003		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	5	gal	04/10/2015
0001332005		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	5	gal	04/10/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001332004		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	5	gal	04/10/2015
0001332336		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332337		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332338		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332339		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332340		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332095		WOOD FILLER	32	OZ	04/10/2015
0001332326		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332097		WOOD FILLER	32	OZ	04/10/2015
0001332011		Acrylic Latex Caulk White	10.1	OZ	04/10/2015
0001332002		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	5	gal	04/10/2015
0001332335		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332334		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332333		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332332		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332331		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332330		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332329		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332096		WOOD FILLER	32	OZ	04/10/2015
0001332158		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332013		Acrylic Latex Caulk White	10.1	OZ	04/10/2015
0001332168		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332167		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332166		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332165		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332164		VULKEM 116 BUFF	10.1		04/10/2015
0001332162		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332161		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332170		VULKEM 116 BUFF	10.1		04/10/2015
0001332159		VULKEM 116 BUFF	10.1		04/10/2015
0001332171		VULKEM 116 BUFF	10.1		04/10/2015
0001332286		VULKEM 116 BUFF	10.1		04/10/2015
0001332287		VULKEM 116 BUFF	10.1		04/10/2015
0001332288		VULKEM 116 BUFF	10.1		04/10/2015
0001332289		VULKEM 116 BUFF	10.1		04/10/2015
0001332290		VULKEM 116 BUFF	10.1		04/10/2015
0001332291		VULKEM 116 BUFF	10.1		04/10/2015
0001332292		VULKEM 116 BUFF	10.1		04/10/2015
0001332293		VULKEM 116 BUFF	10.1		04/10/2015
0001332160		VULKEM 116 BUFF	10.1		04/10/2015
0001332180		VULKEM 116 BUFF	10.1		04/10/2015
0001332010		Acrylic Latex Caulk White	10.1		04/10/2015
0001332009		Acrylic Latex Caulk White	10.1	OZ	04/10/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001311047		NITRAVER-TEST-N-TUBE REAGENT HACH #	100		04/10/2015
		26053-45			, , , , ,
0001311046		NITRAVER-TEST-N-TUBE REAGENT HACH # 26053-45	100	ml	04/10/2015
0001311045		NITRAVER-TEST-N-TUBE REAGENT HACH # 26053-45	100	ml	04/10/2015
		NITRAVER-TEST-N-TUBE REAGENT HACH #			
0001311044		26053-45	100	ml	04/10/2015
0001311043		NITRAVER-TEST-N-TUBE REAGENT HACH # 26053-45	100	ml	04/10/2015
0001311042		NITRAVER-TEST-N-TUBE REAGENT HACH #	100	ml	04/10/2015
		26053-45			
0001332169		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001311040		NITRAVER-TEST-N-TUBE REAGENT HACH # 26053-45	100	ml	04/10/2015
0001332294		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332179		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332178		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332177		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332176		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332175		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332174		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332173		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332172		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001311041		NITRAVER-TEST-N-TUBE REAGENT HACH # 26053-45	100	ml	04/10/2015
0001332047		Acrylic Latex Caulk White	10.1	07	04/10/2015
0001332205		VULKEM 116 BUFF	10.1		04/10/2015
0001332203		COLORTREND 808		qt	04/10/2015
0001332009		COLORTREND 808		qt	04/10/2015
0001332295		VULKEM 116 BUFF	10.1	<u> </u>	04/10/2015
0001332296		VULKEM 116 BUFF	10.1		04/10/2015
0001332297		VULKEM 116 BUFF	10.1		04/10/2015
0001332298		VULKEM 116 BUFF	10.1		04/10/2015
0001332256		COLORTREND 808		qt	04/10/2015
0001332300		VULKEM 116 BUFF	10.1		04/10/2015
0001332066		KRUD KUTTER CLEANER/DEGREASER	1	gal	04/10/2015
0001332046		Acrylic Latex Caulk White	10.1	OZ	04/10/2015
0001332094		100% SILICONE SEALANT	10.1	OZ	04/10/2015
0001332211		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332210		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332209		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332208		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332207		VULKEM 116 BUFF	10.1	OZ	04/10/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001332273		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332299		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332072		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	5	gal	04/10/2015
0001332181		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332271		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332270		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332269		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332268		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332267		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332075		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	5	gal	04/10/2015
0001332068		COLORTREND 808	1	qt	04/10/2015
0001332073		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	5	gal	04/10/2015
0001332204		VULKEM 116 BUFF	10.1	oz	04/10/2015
0001332071		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	5	gal	04/10/2015
0001332266		VULKEM 116 BUFF	10.1	oz	04/10/2015
0001332265		VULKEM 116 BUFF	10.1		04/10/2015
0001332264		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332263		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332262		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332261		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332014		Acrylic Latex Caulk White	10.1	OZ	04/10/2015
0001332074		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	5	gal	04/10/2015
0001332084		100% SILICONE SEALANT	10.1	oz	04/10/2015
0001332206		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332092		100% SILICONE SEALANT	10.1		04/10/2015
0001332091		100% SILICONE SEALANT	10.1	OZ	04/10/2015
0001332090		100% SILICONE SEALANT	10.1	OZ	04/10/2015
0001332089		100% SILICONE SEALANT	10.1	OZ	04/10/2015
0001332088		100% SILICONE SEALANT	10.1	OZ	04/10/2015
0001332087		100% SILICONE SEALANT	10.1	OZ	04/10/2015
0001332056		PermAcryl Exterior Latex Enamel 1533	1	gal	04/10/2015
0001332085		100% SILICONE SEALANT	10.1	OZ	04/10/2015
0001332055		Acrylic Latex Caulk White	10.1	OZ	04/10/2015
0001332083		100% SILICONE SEALANT	10.1	OZ	04/10/2015
0001332188		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332187		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332186		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332185		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332184		VULKEM 116 BUFF	10.1	OZ	04/10/2015

Barcode	CAS#	Chemical Name	Container	Unit of	Date
Barcode	CA3 #	Chemical Name	Size	Measure	Date
0001332183		VULKEM 116 BUFF	10.1		04/10/2015
0001332182		VULKEM 116 BUFF	10.1		04/10/2015
0001332086		100% SILICONE SEALANT	10.1		04/10/2015
0001332192		VULKEM 116 BUFF	10.1		04/10/2015
0001332203		VULKEM 116 BUFF	10.1		04/10/2015
0001332202		VULKEM 116 BUFF	10.1		04/10/2015
0001332201		VULKEM 116 BUFF	10.1		04/10/2015
0001332200		VULKEM 116 BUFF	10.1		04/10/2015
0001332199		VULKEM 116 BUFF	10.1		04/10/2015
0001332198		VULKEM 116 BUFF	10.1		04/10/2015
0001332197 0001332093		VULKEM 116 BUFF 100% SILICONE SEALANT	10.1 10.1		04/10/2015 04/10/2015
0001332093		VULKEM 116 BUFF	10.1		04/10/2015
0001332193		VULKEM 116 BUFF	10.1		04/10/2015
0001332274		VULKEM 116 BUFF	10.1		04/10/2015
0001332191		VULKEM 116 BUFF	10.1		04/10/2015
0001332189		VULKEM 116 BUFF	10.1		04/10/2015
0001332048		Acrylic Latex Caulk White	10.1		04/10/2015
0001332049		Acrylic Latex Caulk White	10.1		04/10/2015
0001332051		Acrylic Latex Caulk White	10.1		04/10/2015
0001332053		Acrylic Latex Caulk White	10.1		04/10/2015
0001332054		Acrylic Latex Caulk White	10.1	oz	04/10/2015
0001332195		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332234		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332313		VULKEM 116 BUFF	10.1	oz	04/10/2015
0001332226		VULKEM 116 BUFF	10.1	oz	04/10/2015
0001332227		VULKEM 116 BUFF	10.1	oz	04/10/2015
0001332228		VULKEM 116 BUFF	10.1		04/10/2015
0001332229		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332230		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332231		VULKEM 116 BUFF	10.1		04/10/2015
0001332224		VULKEM 116 BUFF	10.1		04/10/2015
0001332233		VULKEM 116 BUFF	10.1		04/10/2015
0001332223		VULKEM 116 BUFF	10.1		04/10/2015
0001332235		VULKEM 116 BUFF	10.1	†	04/10/2015
0001332236		VULKEM 116 BUFF	10.1		04/10/2015
0001332237		VULKEM 116 BUFF	10.1		04/10/2015
0001332238		VULKEM 116 BUFF	10.1		04/10/2015
0001332309		VULKEM 116 BUFF	10.1	†	04/10/2015
0001332310		VULKEM 116 BUFF	10.1		04/10/2015
0001332311		VULKEM 116 BUFF	10.1		04/10/2015
0001332272		VULKEM 116 BUFF	10.1		04/10/2015
0001332232		VULKEM 116 BUFF	10.1		04/10/2015
0001332222		VULKEM 116 BUFF	10.1		04/10/2015
0001332285		VULKEM 116 BUFF	10.1	OΖ	04/10/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001332284		VULKEM 116 BUFF	10.1		04/10/2015
0001332283		VULKEM 116 BUFF	10.1		04/10/2015
0001332282		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332281		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332025		Acrylic Latex Caulk White	10.1	OZ	04/10/2015
0001332024		Acrylic Latex Caulk White	10.1	OZ	04/10/2015
0001332225		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332221		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332314		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332301		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332302		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332303		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332304		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332305		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332306		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332307		VULKEM 116 BUFF	10.1		04/10/2015
0001332308		VULKEM 116 BUFF	10.1		04/10/2015
0001332052		Acrylic Latex Caulk White	10.1		04/10/2015
0001332017		Acrylic Latex Caulk White	10.1		04/10/2015
0001332312		VULKEM 116 BUFF	10.1		04/10/2015
0001332214		VULKEM 116 BUFF	10.1		04/10/2015
0001332213		VULKEM 116 BUFF	10.1		04/10/2015
0001332212		VULKEM 116 BUFF	10.1		04/10/2015
0001332022		Acrylic Latex Caulk White	10.1		04/10/2015
0001332021		Acrylic Latex Caulk White	10.1		04/10/2015
0001332020		Acrylic Latex Caulk White	10.1		04/10/2015
0001332216		VULKEM 116 BUFF	10.1		04/10/2015
0001332018		Acrylic Latex Caulk White	10.1		04/10/2015
0001332217		VULKEM 116 BUFF	10.1		04/10/2015
0001332016		Acrylic Latex Caulk White	10.1	ł	04/10/2015
0001332015		Acrylic Latex Caulk White	10.1		04/10/2015
0001332280		VULKEM 116 BUFF	10.1		04/10/2015
0001332279		VULKEM 116 BUFF	10.1		04/10/2015
0001332278		VULKEM 116 BUFF	10.1		04/10/2015
0001332277		VULKEM 116 BUFF	10.1		04/10/2015
0001332276		VULKEM 116 BUFF	10.1		04/10/2015
0001332275		VULKEM 116 BUFF	10.1		04/10/2015
0001332019		Acrylic Latex Caulk White	10.1	OZ	04/10/2015
0001332081		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	5	gal	04/10/2015
0001332239		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332240		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332241		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332242		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332243		VULKEM 116 BUFF	10.1	OZ	04/10/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001332244		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332245		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332215		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332082		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	5	gal	04/10/2015
0001332194		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332080		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	5	gal	04/10/2015
0001332079		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	5	gal	04/10/2015
0001332078		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	5	gal	04/10/2015
0001332077		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	5	gal	04/10/2015
0001332076		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	5	gal	04/10/2015
0001332220		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332219		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332218		VULKEM 116 BUFF	10.1	oz	04/10/2015
0001332023		Acrylic Latex Caulk White	10.1	OZ	04/10/2015
0001332255		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332144		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332143		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332142		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332141		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332065		KRUD KUTTER CLEANER/DEGREASER	1	gal	04/10/2015
0001332247		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332248		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332249		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332250		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332251		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332145		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332254		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332252		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332256		VULKEM 116 BUFF	10.1	ł	04/10/2015
0001332257		VULKEM 116 BUFF	10.1		04/10/2015
0001332258		VULKEM 116 BUFF	10.1		04/10/2015
0001332196		VULKEM 116 BUFF	10.1		04/10/2015
0001331176		PSX 700 PART A(RESIN)		gal	04/10/2015
0001331177		PSX 700 PART A(RESIN)		gal	04/10/2015
0001331178		PSX 700 PART A(RESIN)		gal	04/10/2015
0001331179		PSX 700 PART A(RESIN)		gal	04/10/2015
0001331180		PSX 700 PART A(RESIN)		gal	04/10/2015
0001331181		PSX 700 PART A(RESIN)	5	gal	04/10/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001332253		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332100		100% SILICONE SEALANT	9.8	OZ	04/10/2015
0001332246		VULKEM 116 BUFF	10.1		04/10/2015
0001332150		VULKEM 116 BUFF	10.1		04/10/2015
0001332149		VULKEM 116 BUFF	10.1		04/10/2015
0001332148		VULKEM 116 BUFF	10.1		04/10/2015
0001332147		VULKEM 116 BUFF	10.1		04/10/2015
0001332146		VULKEM 116 BUFF	10.1		04/10/2015
0001332151		VULKEM 116 BUFF	10.1		04/10/2015
0001332098		VULKEM 116 WHITE	10.1		04/10/2015
0001332099		100% SILICONE SEALANT	9.8	OZ	04/10/2015
0001332057		PermAcryl Exterior Latex Enamel 1533	1	gal	04/10/2015
0001332058		PermAcryl Exterior Latex Enamel 1533	1	gal	04/10/2015
0001332157		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332064		KRUD KUTTER CLEANER/DEGREASER	1	gal	04/10/2015
0001332063		COTE ALL MULTI-PURPOSE ENAMEL	1	gal	04/10/2015
0001332062		COTE ALL MULTI-PURPOSE ENAMEL	1	gal	04/10/2015
0001332061		COTE ALL MULTI-PURPOSE ENAMEL	1	gal	04/10/2015
0001332152		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332060		COTE ALL MULTI-PURPOSE ENAMEL	1	gal	04/10/2015
0001332059		COTE ALL MULTI-PURPOSE ENAMEL	1	gal	04/10/2015
0001332156		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332155		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332154		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332153		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001331988		LOCKTITE PL S10 POLYURETHANE MASONRY SEALANT	10	oz	04/10/2015
0001331986		LOCKTITE PL S10 POLYURETHANE MASONRY SEALANT	10	OZ	04/10/2015
0001331985		LOCKTITE PL S10 POLYURETHANE MASONRY SEALANT	10	OZ	04/10/2015
0001331984		LOCKTITE PL S10 POLYURETHANE MASONRY SEALANT	10	OZ	04/10/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001331987		LOCKTITE PL S10 POLYURETHANE MASONRY SEALANT	10	OZ	04/10/2015
0001331989		LOCKTITE PL S10 POLYURETHANE MASONRY SEALANT	10	OZ	04/10/2015
0001331990		LOCKTITE PL S10 POLYURETHANE MASONRY SEALANT	10	oz	04/10/2015
0001331991		LOCKTITE PL S10 POLYURETHANE MASONRY SEALANT	10	oz	04/10/2015
0001332039		Acrylic Latex Caulk White	10.1	OZ	04/10/2015
0001331983		LOCKTITE PL S10 POLYURETHANE MASONRY SEALANT	10	oz	04/10/2015
0001331981		LOCKTITE PL S10 POLYURETHANE MASONRY SEALANT	10	OZ	04/10/2015
0001332041		Acrylic Latex Caulk White	10.1	OZ	04/10/2015
0001332031		Acrylic Latex Caulk White	10.1	OZ	04/10/2015
0001332040		Acrylic Latex Caulk White	10.1	OZ	04/10/2015
0001332129		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332126		VULKEM 116 BUFF	10.1		04/10/2015
0001332042		Acrylic Latex Caulk White	10.1		04/10/2015
0001332043		Acrylic Latex Caulk White	10.1		04/10/2015
0001332044		Acrylic Latex Caulk White	10.1		04/10/2015
0001332045 0001332026		Acrylic Latex Caulk White Acrylic Latex Caulk White	10.1		04/10/2015
0001332020		Acrylic Latex Caulk White	10.1		04/10/2015 04/10/2015
0001331980		LOCKTITE PL S10 POLYURETHANE MASONRY SEALANT		OZ	04/10/2015
0001332101		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332113		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332125		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332111		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332131		VULKEM 116 BUFF	10.1		04/10/2015
0001332109		VULKEM 116 BUFF	10.1		04/10/2015
0001332108		VULKEM 116 BUFF	10.1		04/10/2015
0001332107		VULKEM 116 BUFF	10.1		04/10/2015
0001332106		VULKEM 116 BUFF	10.1		04/10/2015
0001332105		VULKEM 116 BUFF	10.1		04/10/2015
0001332104		VULKEM 116 BUFF	10.1		04/10/2015
0001332114		VULKEM 116 BUFF	10.1	OZ	04/10/2015

Dawa da	CAC#	Chamical Name	Container	Unit of	Dete
Barcode	CAS#	Chemical Name	Size	Measure	Date
0001332102		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332112		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332038		Acrylic Latex Caulk White	10.1	OZ	04/10/2015
0001332037		Acrylic Latex Caulk White	10.1	OZ	04/10/2015
0001332036		Acrylic Latex Caulk White	10.1	OZ	04/10/2015
0001332035		Acrylic Latex Caulk White	10.1	OZ	04/10/2015
0001332034		Acrylic Latex Caulk White	10.1	OZ	04/10/2015
0001332033		Acrylic Latex Caulk White	10.1	OZ	04/10/2015
0001332028		Acrylic Latex Caulk White	10.1	OZ	04/10/2015
0001332259		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332260		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332029		Acrylic Latex Caulk White	10.1	OZ	04/10/2015
0001332030		Acrylic Latex Caulk White	10.1	OZ	04/10/2015
0001332103		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332124		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332140		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332139		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332138		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332137		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332136		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332135		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332134		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332133		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332132		VULKEM 116 BUFF	10.1	OZ	04/10/2015
		LOCKTITE PL S10 POLYURETHANE			
0001331982		MASONRY SEALANT	10	OZ	04/10/2015
0001332130		VULKEM 116 BUFF	10.1	OZ	04/10/2015
0001332128		VULKEM 116 BUFF	10.1		04/10/2015
0001332110		VULKEM 116 BUFF	10.1		04/10/2015
0001332032		Acrylic Latex Caulk White	10.1		04/10/2015
0001332123		VULKEM 116 BUFF	10.1		04/10/2015
0001332122		VULKEM 116 BUFF	10.1		04/10/2015
0001332121		VULKEM 116 BUFF	10.1		04/10/2015
0001332116		VULKEM 116 BUFF	10.1		04/10/2015
0001332117		VULKEM 116 BUFF	10.1		04/10/2015
0001332118		VULKEM 116 BUFF	10.1		04/10/2015
0001332115		VULKEM 116 BUFF	10.1		04/10/2015
0001332119		VULKEM 116 BUFF	10.1	†	04/10/2015
0001332127		VULKEM 116 BUFF	10.1		04/10/2015
0001332120		VULKEM 116 BUFF	10.1		04/10/2015
0001339455		NITRIC ACID 1.0N			04/13/2015
0001339484		M-BOND 200 ADHESIVE KIT		gm	04/13/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001339547		SPILFYTER FOR HAZARDOUS MATERIALS - MERCSORBPOWDER	1	gal	04/13/2015
0001339480	1308-96-9	EUROPIUM OXIDE	1	kg	04/13/2015
0001339482		M-BOND 200 ADHESIVE KIT		gm	04/13/2015
0001339483		M-BOND 200 ADHESIVE KIT	10	gm	04/13/2015
0001381204		SILICONE	9.8	OZ	04/13/2015
0001339485	75-05-8	ACETONITRILE	1	I	04/13/2015
0001339486	67-63-0	ISOPROPYL ALCOHOL	1	I	04/13/2015
0001339487	67-63-0	ISOPROPYL ALCOHOL	1	I	04/13/2015
0001339488	67-63-0	ISOPROPYL ALCOHOL	1	I	04/13/2015
0001339463	1310-73-2	SODIUM HYDROXIDE .1N	1	I	04/13/2015
0001339546		SPILFYTER FOR HAZARDOUS MATERIALS - MERCSORBPOWDER	1	gal	04/13/2015
0001339489	67-63-0	ISOPROPYL ALCOHOL	1	I	04/13/2015
0001332343		ready mix concrete	50	lb	04/13/2015
0001332377		FANTASTIK SPRAY CLEAN	1	qt	04/13/2015
0001332351		ready mix concrete	50	lb	04/13/2015
0001332350		ready mix concrete	50	lb	04/13/2015
0001332349		ready mix concrete	50	lb	04/13/2015
0001332348		ready mix concrete	50	lb	04/13/2015
0001332407		FANTASTIK SPRAY CLEAN	1	qt	04/13/2015
0001339548		SPILFYTER FOR HAZARDOUS MATERIALS - MERCSORBPOWDER	1	gal	04/13/2015
0001332346		ready mix concrete	50	lb	04/13/2015
0001381207		SILICONE		oz	04/13/2015
0001332392		FANTASTIK SPRAY CLEAN	1	qt	04/13/2015
0001339462	72909-34-3	PQQ		mg	04/13/2015
0001332341		ready mix concrete		lb	04/13/2015
0001332347		ready mix concrete	50	lb	04/13/2015
0001381206		SILICONE	9.8	OZ	04/13/2015
0001381205		SILICONE	9.8	OZ	04/13/2015
0001381202		rust-oleum stops rust gloss protective enamel	12	OZ	04/13/2015
0001381201		rust-oleum stops rust gloss protective enamel	12	oz	04/13/2015
0001381200		rust-oleum stops rust gloss protective enamel	12	OZ	04/13/2015
0001381199		rust-oleum stops rust gloss protective enamel	12	oz	04/13/2015
0001332345		ready mix concrete	50	lb	04/13/2015
0001332413		FANTASTIK SPRAY CLEAN	1	qt	04/13/2015
0001332404		FANTASTIK SPRAY CLEAN	1	qt	04/13/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001332405		FANTASTIK SPRAY CLEAN	1	qt	04/13/2015
0001332406		FANTASTIK SPRAY CLEAN	1	qt	04/13/2015
0001332408		FANTASTIK SPRAY CLEAN	1	qt	04/13/2015
0001332409		FANTASTIK SPRAY CLEAN	1	qt	04/13/2015
0001332410		FANTASTIK SPRAY CLEAN	1	qt	04/13/2015
0001331964	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	04/13/2015
0001332412		FANTASTIK SPRAY CLEAN	1	qt	04/13/2015
0001332376		FANTASTIK SPRAY CLEAN		qt	04/13/2015
0001332400		FANTASTIK SPRAY CLEAN		qt	04/13/2015
0001332401		FANTASTIK SPRAY CLEAN		qt	04/13/2015
0001332414		FANTASTIK SPRAY CLEAN		qt	04/13/2015
0001332415		FANTASTIK SPRAY CLEAN		qt	04/13/2015
0001332416		FANTASTIK SPRAY CLEAN		qt	04/13/2015
0001332417		FANTASTIK SPRAY CLEAN		qt	04/13/2015
0001332418		FANTASTIK SPRAY CLEAN		qt	04/13/2015
0001332411		FANTASTIK SPRAY CLEAN		qt	04/13/2015
0001331962	7786-30-3	MAGNESIUM CHLORIDE	3300	†	04/13/2015
0001339538		Neolube 1	8		04/13/2015
0001339476	98-00-0	FURFURYL ALCOHOL	2.5	1	04/13/2015
0001339541	434-45-7	2,2,2-TRIFLUOROACETOPHENONE	25	gm	04/13/2015
0001339542	129322-83-4	2',4',5'-Trifluoroacetophenone	5	gm	04/13/2015
0001339543	129322-83-4	2',4',5'-Trifluoroacetophenone	5	gm	04/13/2015
0001339544	93-98-1	BENZANILIDE	100	gm	04/13/2015
0001339550	9003-05-8	POLYACRYLAMIDE	1	I	04/13/2015
0001332344		ready mix concrete	50	lb	04/13/2015
0001331961	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	04/13/2015
0001331963	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	04/13/2015
0001339477	67-64-1	ACETONE REAGENT ACS	1	I	04/13/2015
0001339478	13106-76-8	MOLYBDENUM PLASMA STANDARDS, 1,000 PPM, 10,000 PPM IN WATER	50	ml	04/13/2015
0001332402		FANTASTIK SPRAY CLEAN	1	qt	04/13/2015
0001339545	1189-93-1	1,1,3,3,5,5-HEXAMETHYLTRISILOXANE	10	ml	04/13/2015
0001332403		FANTASTIK SPRAY CLEAN	1	qt	04/13/2015
0001331965	7786-30-3	MAGNESIUM CHLORIDE	3300		04/13/2015
0001339549		SPILFYTER FOR HAZARDOUS MATERIALS - MERCSORBPOWDER	1	gal	04/13/2015
0001331960	7732-18-5	Hydrochloric Acid 30-31%	3000	lb	04/13/2015
0001332393		FANTASTIK SPRAY CLEAN	1	qt	04/13/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001332420		FANTASTIK SPRAY CLEAN		qt	04/13/2015
0001332342		ready mix concrete	50	lb	04/13/2015
0001332389		FANTASTIK SPRAY CLEAN	1	qt	04/13/2015
0001332388		FANTASTIK SPRAY CLEAN	1	qt	04/13/2015
0001339457	1336-21-6	AMMONIUM HYDROXIDE	250	ml	04/13/2015
0001332379		FANTASTIK SPRAY CLEAN	1	qt	04/13/2015
0001339540	1693-74-9	TETRAHYDROFURAN-D8	10	ml	04/13/2015
0001332380		FANTASTIK SPRAY CLEAN	1	qt	04/13/2015
0001332394		FANTASTIK SPRAY CLEAN	1	qt	04/13/2015
0001339481		QC-21 MULTI STANDARD	100	ml	04/13/2015
0001339479		RUBIDIUM, STANDARD	50	ml	04/13/2015
0001332395		FANTASTIK SPRAY CLEAN	1	qt	04/13/2015
0001332396		FANTASTIK SPRAY CLEAN	1	qt	04/13/2015
0001339452		LIQUID EPOXY RESIN	1	gal	04/13/2015
0001339539	1693-74-9	TETRAHYDROFURAN-D8	10	ml	04/13/2015
0001332387		FANTASTIK SPRAY CLEAN	1	qt	04/13/2015
0001339453		LIQUID EPOXY RESIN	1	gal	04/13/2015
0001339454		LIQUID EPOXY RESIN	1	gal	04/13/2015
0001339456		BOROSILICATE SOLID-GLASS BEADS	10	gm	04/13/2015
0001339537		Neolube 1	8	OZ	04/13/2015
0001332391		FANTASTIK SPRAY CLEAN	1	qt	04/13/2015
0001332378		FANTASTIK SPRAY CLEAN	1	qt	04/13/2015
0001332390		FANTASTIK SPRAY CLEAN	1	qt	04/13/2015
0001332360		ready mix concrete	50		04/13/2015
0001332386		FANTASTIK SPRAY CLEAN	1	qt	04/13/2015
0001332385		FANTASTIK SPRAY CLEAN	1	qt	04/13/2015
0001332384		FANTASTIK SPRAY CLEAN	1	qt	04/13/2015
0001332383		FANTASTIK SPRAY CLEAN	1	qt	04/13/2015
0001332382		FANTASTIK SPRAY CLEAN		qt	04/13/2015
0001332381		FANTASTIK SPRAY CLEAN	1	qt	04/13/2015
0001332375		FANTASTIK SPRAY CLEAN	1	qt	04/13/2015
0001332367		FANTASTIK SPRAY CLEAN	1	qt	04/13/2015
0001332397		FANTASTIK SPRAY CLEAN	1	qt	04/13/2015
0001332355		ready mix concrete	50		04/13/2015
0001332354		ready mix concrete	50	lb	04/13/2015
0001332353		ready mix concrete	50	lb	04/13/2015
0001332352		ready mix concrete	50	lb	04/13/2015
0001332364		FANTASTIK SPRAY CLEAN		qt	04/13/2015
0001339318	2628-17-3	4-VINYLPHENOL 10% SOLUTION IN PROPYLENE GLYCOL		gm	04/13/2015
0001332366		FANTASTIK SPRAY CLEAN	1	qt	04/13/2015
0001339536		B-PER BACTERIAL PROTEIN EXTRACTION REAGENT	500	ml	04/13/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001332368		FANTASTIK SPRAY CLEAN	1	qt	04/13/2015
0001332369		FANTASTIK SPRAY CLEAN	1	qt	04/13/2015
0001332370		FANTASTIK SPRAY CLEAN	1	qt	04/13/2015
0001332371		FANTASTIK SPRAY CLEAN		qt	04/13/2015
0001332372		FANTASTIK SPRAY CLEAN	1	qt	04/13/2015
0001332373		FANTASTIK SPRAY CLEAN		qt	04/13/2015
0001332374		FANTASTIK SPRAY CLEAN		qt	04/13/2015
0001332365		FANTASTIK SPRAY CLEAN	1	qt	04/13/2015
0001381203		rust-oleum stops rust gloss protective enamel	12	OZ	04/13/2015
0001332361		FANTASTIK SPRAY CLEAN	1	qt	04/13/2015
0001332362		FANTASTIK SPRAY CLEAN	1	qt	04/13/2015
0001332363		FANTASTIK SPRAY CLEAN		qt	04/13/2015
0001332358		ready mix concrete		lb	04/13/2015
0001332357		ready mix concrete	50		04/13/2015
0001332356		ready mix concrete		lb	04/13/2015
0001332398		FANTASTIK SPRAY CLEAN		qt	04/13/2015
0001332359		ready mix concrete	50		04/13/2015
0001332399		FANTASTIK SPRAY CLEAN	1	qt	04/13/2015
0001339475	67-63-0	2-PROPANOL (2-PROPANOL, ANHYDROUS,ISOPROPANOL)	1	I	04/13/2015
0001339535	MULTI	FLUOREPORTER BIOTIN QUANTITATION ASSAY KIT	500	gm	04/13/2015
0001332419		FANTASTIK SPRAY CLEAN	1	qt	04/13/2015
0001339490		BLACK SILICONE ADHESIVE SEALANT	12.9	oz	04/14/2015
0001339491	6108-23-2	Lithium formate monohydrate	50	gm	04/14/2015
0001339606	7697-37-2	NITRIC ACID OPTIMA	2	I	04/14/2015
0001339607	7697-37-2	NITRIC ACID OPTIMA	2		04/14/2015
0001339519	7782-42-5	Single Layer Graphene Oxide	500	mg	04/14/2015
0001339584		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/14/2015
0001361427	2551-62-4	SULFUR HEXAFLUORIDE	220	cf	04/14/2015
0001361426	2551-62-4	SULFUR HEXAFLUORIDE	220	cf	04/14/2015
0001361425	2551-62-4	SULFUR HEXAFLUORIDE	220	cf	04/14/2015
0001361424	2551-62-4	SULFUR HEXAFLUORIDE	220	cf	04/14/2015
0001361423		Nitrogen 96%/Hydrogen 4%	150	cf	04/14/2015
0001361278		Nitrogen/Toluene	200	cf	04/14/2015
0001339528		DOUBLE BUBBLE PURPLE/BEIGE A85 PKG	350	gm	04/14/2015
0001339614	7697-37-2	NITRIC ACID OPTIMA	2	I	04/14/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001339527		DOUBLE BUBBLE PURPLE/BEIGE A85 PKG	350	gm	04/14/2015
0001339526		DOUBLE BUBBLE PURPLE/BEIGE A85 PKG	350	gm	04/14/2015
0001339525		DOUBLE BUBBLE PURPLE/BEIGE A85 PKG	350	gm	04/14/2015
0001339509	007697-37-2	NITRIC ACID	1	I	04/14/2015
0001339523		BUFFER PH 10 (BLUE BUFFER)	500	ml	04/14/2015
0001339608	7697-37-2	NITRIC ACID OPTIMA	2	I	04/14/2015
0001339583		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/14/2015
0001339574		IRON (II) OXIDE	5	gm	04/14/2015
0001339521	7782-42-5	Single Layer Graphene Oxide	500	mg	04/14/2015
0001339520	7782-42-5	Single Layer Graphene Oxide	500	mg	04/14/2015
0001339562		BLACK BEAUTY 50LB MEDIA BLAST	50	lb	04/14/2015
0001339510	007697-37-2	NITRIC ACID	1	I	04/14/2015
0001339492	1822-00-0	TRIMETHYLSILYLMETHYLLITHIUM	50	ml	04/14/2015
0001339508	007697-37-2	NITRIC ACID	1	I	04/14/2015
0001339507	007697-37-2	NITRIC ACID	1		04/14/2015
0001339506	007697-37-2	NITRIC ACID	1		04/14/2015
0001339609	7697-37-2	NITRIC ACID OPTIMA	2	I	04/14/2015
0001339524		DOUBLE BUBBLE PURPLE/BEIGE A85 PKG	350	gm	04/14/2015
0001339610	7697-37-2	NITRIC ACID OPTIMA	2	I	04/14/2015
0001339560		BLACK BEAUTY 50LB MEDIA BLAST	50	lb	04/14/2015
0001339568		BLACK BEAUTY 50LB MEDIA BLAST	50	lb	04/14/2015
0001339569		BLACK BEAUTY 50LB MEDIA BLAST	50	lb	04/14/2015
0001339570		BLACK BEAUTY 50LB MEDIA BLAST	50	lb	04/14/2015
0001339572	69227-93-6	n-DODECYL-?-D-MALTOPYRANOSIDE	25	gm	04/14/2015
0001339576	1013-88-3	BENZOPHENONE IMINE	5	gm	04/14/2015
0001339529	1309-48-4	MAGNESIUM OXIDE	100	1	04/14/2015
0001339571	116183-64-3	n-DODECYL-a-D-MALTOPYRANOSIDE, ANAGRADE	5	gm	04/14/2015
0001339613	7697-37-2	NITRIC ACID OPTIMA	2	l	04/14/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001339604	7697-37-2	NITRIC ACID OPTIMA	2		04/14/2015
0001339611	7697-37-2	NITRIC ACID OPTIMA	2	I	04/14/2015
0001339566		BLACK BEAUTY 50LB MEDIA BLAST	50	lb	04/14/2015
0001339603	7697-37-2	NITRIC ACID OPTIMA	2	I	04/14/2015
0001339602	7697-37-2	NITRIC ACID OPTIMA	2	I	04/14/2015
0001339601	7697-37-2	NITRIC ACID OPTIMA	2		04/14/2015
0001339600	7697-37-2	NITRIC ACID OPTIMA	2	1	04/14/2015
0001339599	7697-37-2	NITRIC ACID OPTIMA	2		04/14/2015
0001339598	7697-37-2	NITRIC ACID OPTIMA	2		04/14/2015
0001339597	7697-37-2	NITRIC ACID OPTIMA	2	I	04/14/2015
0001339533		ICP-MS CALIBRATION STANDARD	125	ml	04/14/2015
0001339531		4929N SILVER COMPOSITION	100	gm	04/14/2015
0001339530		4929N SILVER COMPOSITION	100	gm	04/14/2015
0001339612	7697-37-2	NITRIC ACID OPTIMA	2	I	04/14/2015
0001339553		BLACK BEAUTY 50LB MEDIA BLAST	50	lb	04/14/2015
0001339494	67-56-1	METHANOL	4	I	04/14/2015
0001339495	67-56-1	METHANOL	4	I	04/14/2015
0001339496	67-56-1	METHANOL	4	I	04/14/2015
0001339497	67-56-1	METHANOL	4	1	04/14/2015
0001339498	67-56-1	METHANOL	4	1	04/14/2015
0001339499	67-56-1	METHANOL	4	I	04/14/2015
0001339582	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/14/2015
0001361228		2.9% Hydrogen/Bal. Helium	220	cf	04/14/2015
0001339605	7697-37-2	NITRIC ACID OPTIMA	2		04/14/2015
0001339567		BLACK BEAUTY 50LB MEDIA BLAST	50	lb	04/14/2015
0001339552		BLACK BEAUTY 50LB MEDIA BLAST	50	lb	04/14/2015
0001339493	67-56-1	METHANOL	4	I	04/14/2015
0001339554		BLACK BEAUTY 50LB MEDIA BLAST	50	lb	04/14/2015
0001339555		BLACK BEAUTY 50LB MEDIA BLAST	50	lb	04/14/2015
0001339556		BLACK BEAUTY 50LB MEDIA BLAST	50	lb	04/14/2015
0001339557		BLACK BEAUTY 50LB MEDIA BLAST	50	lb	04/14/2015
0001339558		BLACK BEAUTY 50LB MEDIA BLAST	50	lb	04/14/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001339559		BLACK BEAUTY 50LB MEDIA BLAST	50	lb	04/14/2015
0001339561		BLACK BEAUTY 50LB MEDIA BLAST	50	lb	04/14/2015
0001339563		BLACK BEAUTY 50LB MEDIA BLAST	50	lb	04/14/2015
0001339564		BLACK BEAUTY 50LB MEDIA BLAST	50	lb	04/14/2015
0001339565		BLACK BEAUTY 50LB MEDIA BLAST	50	lb	04/14/2015
0001339551		BLACK BEAUTY 50LB MEDIA BLAST	50	lb	04/14/2015
0001361219		1000ppm Hydrogen/Bal. Helium	220	cf	04/14/2015
0001361434	2551-62-4	SULFUR HEXAFLUORIDE	220	cf	04/14/2015
0001361214		NITROGEN DIOXIDE 10PPM BALANCE AIR	34	I	04/14/2015
0001339580	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/14/2015
0001361216		NITROGEN DIOXIDE 10PPM BALANCE AIR	34	I	04/14/2015
0001361217		SULFUR DIOXIDE 10PPM/ BAL. AIR	34	I	04/14/2015
0001361218		SULFUR DIOXIDE 10PPM/ BAL. AIR	34	I	04/14/2015
0001361227	7440-59-7	HELIUM	250	ı	04/14/2015
0001361229		4.94ppm Carbon Monoxide/Bal. Hydrogen	150	cf	04/14/2015
0001361230	74-98-6	PROPANE	11	gal	04/14/2015
0001361231	74-98-6	PROPANE	11	gal	04/14/2015
0001339511		INSULATING VARNISH	1	pt	04/14/2015
0001361212		SULFUR DIOXIDE 10PPM/ BAL. AIR	100	I	04/14/2015
0001361432	2551-62-4	SULFUR HEXAFLUORIDE	220	cf	04/14/2015
0001361211		SULFUR DIOXIDE 10PPM/ BAL. AIR	100	I	04/14/2015
0001339594		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/14/2015
0001339593		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/14/2015
0001339592		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/14/2015
0001339591		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/14/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001339590		FANTASTIKE ALL PURPOSE CLEANER	32	oz	04/14/2015
0001339589		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/14/2015
0001339588		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/14/2015
0001339587		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/14/2015
0001339586		FANTASTIKE ALL PURPOSE CLEANER	32	oz	04/14/2015
0001339585		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/14/2015
0001361239	74-98-6	PROPANE	11	gal	04/14/2015
0001361431	2551-62-4	SULFUR HEXAFLUORIDE	220		04/14/2015
0001339512		INSULATING VARNISH	1	pt	04/14/2015
0001361238	74-98-6	PROPANE	11	gal	04/14/2015
0001361237	74-98-6	PROPANE	11	gal	04/14/2015
0001361236	74-98-6	PROPANE	11	gal	04/14/2015
0001361235	74-98-6	PROPANE	11	gal	04/14/2015
0001361234	74-98-6	PROPANE	11	gal	04/14/2015
0001361233	74-98-6	PROPANE	_	gal	04/14/2015
0001361232	74-98-6	PROPANE		gal	04/14/2015
0001361428	2551-62-4	SULFUR HEXAFLUORIDE	220		04/14/2015
0001361429	2551-62-4	SULFUR HEXAFLUORIDE	220		04/14/2015
0001361430	2551-62-4	SULFUR HEXAFLUORIDE	220		04/14/2015
0001361245	74-86-2	ACETYLENE	40		04/14/2015
0001361226	7440-59-7	HELIUM	100		04/14/2015
0001339513	2554 62 4	INSULATING VARNISH		pt	04/14/2015
0001361435	2551-62-4	SULFUR HEXAFLUORIDE	220		04/14/2015
0001339500	67-56-1	METHANOL	4		04/14/2015
0001339503 0001339504	64-18-6 64-18-6	FORMIC ACID FORMIC ACID		ml ml	04/14/2015 04/14/2015
0001339504	64-18-6	FORMIC ACID		ml	04/14/2015
0001339303	04-16-0	548.9 ppm Water/Bal. Air	150		04/14/2015
0001361204		548.9 ppm Water/Bal. Air	150		04/14/2015
0001361206		548.9 ppm Water/Bal. Air	150		04/14/2015
0001361207		Nitrogen Dioxide 10 ppm/Bal Air	100		04/14/2015
0001361208		Nitrogen Dioxide 10 ppm/Bal Air	100	I	04/14/2015
0001361209		Nitrogen Dioxide 10 ppm/Bal Air	100	I	04/14/2015
0001361210		Nitrogen Dioxide 10 ppm/Bal Air	100	I	04/14/2015
0001339514		INSULATING VARNISH	1	pt	04/14/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001361445	7727-37-9	NITROGEN	220		04/14/2015
0001361433	2551-62-4	SULFUR HEXAFLUORIDE	220		04/14/2015
0001361254		P-10	220		04/14/2015
0001361253		P-10	220	cf	04/14/2015
0001361252		P-10	220	cf	04/14/2015
0001361251		P-10	220	cf	04/14/2015
0001361250		P-10	220	cf	04/14/2015
0001361249		P-10	220	cf	04/14/2015
0001361248		P-10	220	cf	04/14/2015
0001361247	74-86-2	ACETYLENE	40	lb	04/14/2015
0001361246	74-86-2	ACETYLENE	40		04/14/2015
0001361442	7727-37-9	NITROGEN	220	cf	04/14/2015
0001361256		P-10	220		04/14/2015
0001361444	7727-37-9	NITROGEN	220		04/14/2015
0001361257		P-10	220	cf	04/14/2015
0001361446	7727-37-9	NITROGEN	220		04/14/2015
0001361447	7727-37-9	NITROGEN	220		04/14/2015
0001361448	7727-37-9	NITROGEN	220		04/14/2015
0001361449	7727-37-9	NITROGEN	220		04/14/2015
0001361450	7727-37-9	NITROGEN	220		04/14/2015
0001361451	7727-37-9	NITROGEN	220		04/14/2015
0001361452	7727-37-9	NITROGEN	220		04/14/2015
0001361453	7727-37-9	NITROGEN	220		04/14/2015
0001361454	7727-37-9	NITROGEN	220		04/14/2015
0001361455	7727-37-9	NITROGEN	220		04/14/2015
0001361456	7727-37-9	NITROGEN	220		04/14/2015
0001361443	7727-37-9	NITROGEN	220		04/14/2015
0001361269		P-10	220		04/14/2015
0001361436	2551-62-4	SULFUR HEXAFLUORIDE	220		04/14/2015
0001361437	2551-62-4	SULFUR HEXAFLUORIDE	220		04/14/2015
0001361438	2551-62-4	SULFUR HEXAFLUORIDE	220		04/14/2015
0001361439	7727-37-9	NITROGEN	220		04/14/2015
0001361440	7727-37-9	NITROGEN	220	СТ	04/14/2015
0001339573	19524-06-2	4-BROMOPYRIDINE HYDROCHLORIDE	5	gm	04/14/2015
0001361441	7727-37-9	NITROGEN	220	cf	04/14/2015
0001361275		P-10	220		04/14/2015
0001361274		P-10	220	cf	04/14/2015
0001361273		P-10	220		04/14/2015
0001361272		P-10	220	cf	04/14/2015
0001361255		P-10	220	cf	04/14/2015
0001361270		P-10	220	cf	04/14/2015
0001361213		NITROGEN DIOXIDE 10PPM BALANCE AIR	34	I	04/14/2015
0001361268		P-10	220	cf	04/14/2015

			Container	Unit of	
Barcode	CAS#	Chemical Name	Size	Measure	Date
0001361267		P-10	220	cf	04/14/2015
0001361266		P-10	220	cf	04/14/2015
0001361265		P-10	220	cf	04/14/2015
0001361264		P-10	220	cf	04/14/2015
0001361263		P-10	220	cf	04/14/2015
0001361262		P-10	220	cf	04/14/2015
0001361261		P-10	220	cf	04/14/2015
0001361260		P-10	220		04/14/2015
0001361259		P-10	220	cf	04/14/2015
0001361258		P-10	220	cf	04/14/2015
0001361271		P-10	220	cf	04/14/2015
0001339516	7722-84-1	HYDROGEN PEROXIDE,30%	500	ml	04/14/2015
0001361225	7440-59-7	HELIUM	100	I	04/14/2015
0001361224	7440-59-7	HELIUM	100	I	04/14/2015
0001361223	7440-59-7	HELIUM	100	I	04/14/2015
0001361222	7440-59-7	HELIUM	100	I	04/14/2015
0001361220	7440-59-7	HELIUM	100	I	04/14/2015
0001339517	7722-84-1	HYDROGEN PEROXIDE,30%	500	ml	04/14/2015
0001339579	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/14/2015
0001361221	7440-59-7	HELIUM	100	ı	04/14/2015
0001339515	7722-84-1	HYDROGEN PEROXIDE,30%	500		04/14/2015
0001361244	74-98-6	PROPANE	11	gal	04/14/2015
0001361243	74-98-6	PROPANE		gal	04/14/2015
0001361242	74-98-6	PROPANE		gal	04/14/2015
0001339581	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	04/14/2015
0001339575	1309-37-1	IRON (III) OXIDE	5	gm	04/14/2015
0001339578	811-97-2	AIRIT SUPER FRIENDLY DUSTER		OZ	04/14/2015
0001339518	67-64-1	ACETONE FOR HPLC	4	ı	04/14/2015
0001361240	74-98-6	PROPANE		gal	04/14/2015
0001361215		NITROGEN DIOXIDE 10PPM BALANCE AIR	34		04/14/2015
0001361241	74-98-6	PROPANE	11	gal	04/14/2015
0001339522	7 . 50 0	VACUUM GREASE	5.3		04/14/2015
0001339577	811-97-2	AIRIT SUPER FRIENDLY DUSTER		OZ	04/14/2015
0001339619		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/14/2015
0001339616	407-25-0	TRIFLUOROACETIC ANHYDRIDE	100	gm	04/14/2015
0001339618	6080-56-4	LEAD ACETATE TRIHYDRATE	100	gm	04/14/2015
0001339620		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/14/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001339621		FANTASTIKE ALL PURPOSE CLEANER	32	oz	04/14/2015
0001361470	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	04/14/2015
0001339617	15077-13-1	Formic acid triethylamine complex 5:2	50	ml	04/14/2015
0001361468	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	04/14/2015
0001361472	7440-37-1	ARGON ULTRA HIGH PURITY	220		04/14/2015
0001361480	811-97-2	AIR	220		04/14/2015
0001361479	811-97-2	AIR	220		04/14/2015
0001361478	811-97-2	AIR	220		04/14/2015
0001361477	811-97-2	AIR	220		04/14/2015
0001361476	811-97-2	AIR	220		04/14/2015
0001361475	811-97-2	AIR	220		04/14/2015
0001361474	7440-37-1	ARGON ULTRA HIGH PURITY	220		04/14/2015
0001361473	7440-37-1	ARGON ULTRA HIGH PURITY	220		04/14/2015
0001361471	7440-37-1	ARGON ULTRA HIGH PURITY	220 220		04/14/2015
0001361482 0001361469	811-97-2 7440-37-1	AIR ARGON ULTRA HIGH PURITY	220		04/14/2015 04/14/2015
0001361469	811-97-2	ARGON OLTRA HIGH PORTTY AIR	220		04/14/2015
0001361467	7440-37-1	ARGON ULTRA HIGH PURITY	220		04/14/2015
0001361466	7440-37-1	ARGON ULTRA HIGH PURITY	220		04/14/2015
0001361465	7440-37-1	ARGON ULTRA HIGH PURITY	220		04/14/2015
0001361277	7 1 10 37 1	P-10	220		04/14/2015
0001361276		P-10	220		04/14/2015
0001339633	108-88-3	TOLUENE	4		04/14/2015
0001339634	108-88-3	TOLUENE	4	I	04/14/2015
0001339534	1693-74-9	TETRAHYDROFURAN-D8	10	ml	04/14/2015
0001339595	68-12-2	N,N-DIMETHYLFORMAMIDE	1	I	04/14/2015
0001339596	68-12-2	N,N-DIMETHYLFORMAMIDE	1	I	04/14/2015
0001339622		FANTASTIKE ALL PURPOSE CLEANER	32	oz	04/14/2015
0001361494	7440-59-7	HELIUM, ULTRA HIGH PURITY	220	cf	04/14/2015
0001339624		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/14/2015
0001339625		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/14/2015
0001339626		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/14/2015
0001339627		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/14/2015
0001339628		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/14/2015
0001339629		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/14/2015

0001361481 811-9 0001361495 7440 0001339623 7440 0001361493 7440 0001361492 7440	.88-3 D-59-7 .97-2 D-59-7	FANTASTIKE ALL PURPOSE CLEANER TOLUENE TOLUENE HELIUM, ULTRA HIGH PURITY AIR HELIUM, ULTRA HIGH PURITY	32 4 4 220 220 220	cf	04/14/2015 04/14/2015 04/14/2015 04/14/2015
0001339632 108-3 0001361497 7440 0001361481 811-3 0001361495 7440 0001339623 7440 0001361493 7440 0001361492 7440	.88-3 D-59-7 .97-2 D-59-7	TOLUENE HELIUM, ULTRA HIGH PURITY AIR	220 220	cf	04/14/2015 04/14/2015
0001361497 7440 0001361481 811- 0001361495 7440 0001339623 0001361493 7440 0001361492 7440)-59-7 -97-2)-59-7	HELIUM, ULTRA HIGH PURITY AIR	220	cf cf	04/14/2015
0001361481 811-9 0001361495 7440 0001339623 0001361493 7440 0001361492 7440	97-2)-59-7	AIR	220	cf	, ,
0001361495 7440 0001339623 0001361493 7440 0001361492 7440)-59-7				04/14/2015
0001339623 0001361493 7440 0001361492 7440		HELIUM, ULTRA HIGH PURITY	220		. , = , = 0=0
0001361493 7440 0001361492 7440			Ĩ	ct	04/14/2015
0001361492 7440		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/14/2015
	0-59-7	HELIUM, ULTRA HIGH PURITY	220	cf	04/14/2015
0001361491 7440	0-59-7	HELIUM, ULTRA HIGH PURITY	220	cf	04/14/2015
)-59-7	HELIUM, ULTRA HIGH PURITY	220	cf	04/14/2015
0001361490		Argon 75%, Carbon Dioxide 25%	220	cf	04/14/2015
0001361489		Argon 75%, Carbon Dioxide 25%	220	cf	04/14/2015
0001361488		Argon 75%, Carbon Dioxide 25%	220	cf	04/14/2015
0001361487		Argon 75%, Carbon Dioxide 25%	220	cf	04/14/2015
0001361486 811-9	97-2	AIR	220	cf	04/14/2015
0001361485 811-9	97-2	AIR	220	cf	04/14/2015
0001361484 811-9	97-2	AIR	220	cf	04/14/2015
0001361496 7440	0-59-7	HELIUM, ULTRA HIGH PURITY	220	cf	04/14/2015
0001361461 7440	0-37-1	ARGON ULTRA HIGH PURITY	220	cf	04/14/2015
0001361464 7440	0-37-1	ARGON ULTRA HIGH PURITY	220	cf	04/14/2015
0001361457 7727	7-37-9	NITROGEN	220	cf	04/14/2015
0001361458 7727	7-37-9	NITROGEN	220	cf	04/14/2015
0001361460 7440	0-37-1	ARGON ULTRA HIGH PURITY	220		04/14/2015
	0-37-1	ARGON ULTRA HIGH PURITY	220		04/14/2015
	0-37-1	ARGON ULTRA HIGH PURITY	220		04/14/2015
	7-37-9	NITROGEN	220		04/14/2015
0001332443		CONTACT CLEANER 2000		OZ	04/15/2015
0001332473		CONTACT CLEANER 2000		OZ	04/15/2015
0001332599		CONTACT CLEANER 2000		OZ	04/15/2015
0001332444		CONTACT CLEANER 2000	+	OZ	04/15/2015
0001332472		CONTACT CLEANER 2000	+	OZ	04/15/2015
0001332521 0001332520		CONTACT CLEANER 2000	13	OZ	04/15/2015 04/15/2015

			Container	Unit of	
Barcode	CAS#	Chemical Name	Size	Measure	Date
0001332519		CONTACT CLEANER 2000	13	oz	04/15/2015
0001332518		CONTACT CLEANER 2000	13	oz	04/15/2015
0001332445		CONTACT CLEANER 2000	13	oz	04/15/2015
0001332523		CONTACT CLEANER 2000	13	oz	04/15/2015
0001332545		CONTACT CLEANER 2000	13	oz	04/15/2015
0001332546		CONTACT CLEANER 2000	13	oz	04/15/2015
0001332547		CONTACT CLEANER 2000	13	oz	04/15/2015
0001332548		CONTACT CLEANER 2000	13	oz	04/15/2015
0001332526		CONTACT CLEANER 2000	13	oz	04/15/2015
0001332474		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332524		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332475		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332522		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332479		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332478		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332477		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332476		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332515		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332525		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332428		concrete bonding glue	1	gal	04/15/2015
0001332426		Easysand 45	18	lb	04/15/2015
0001332438		concrete bonding glue	1	gal	04/15/2015
0001332437		concrete bonding glue		gal	04/15/2015
0001332436		concrete bonding glue		gal	04/15/2015
0001332435		concrete bonding glue		gal	04/15/2015
0001332434		concrete bonding glue		gal	04/15/2015
0001332433		concrete bonding glue		gal	04/15/2015
0001332432		concrete bonding glue		gal	04/15/2015
0001332431		concrete bonding glue		gal	04/15/2015
0001332430		concrete bonding glue		gal	04/15/2015
0001311048		404EU All-Purpose Lubricant and Sealant		OZ	04/15/2015
0001311049		404EU All-Purpose Lubricant and Sealant	5	OZ	04/15/2015
0001332517		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332429		concrete bonding glue	1	gal	04/15/2015
0001332516		CONTACT CLEANER 2000		OZ	04/15/2015
0001332427		concrete bonding glue	1	gal	04/15/2015
0001332421		ready mix concrete	60		04/15/2015
0001332422		ready mix concrete	60	lb	04/15/2015
0001332423		ready mix concrete	60	lb	04/15/2015
0001332483		CONTACT CLEANER 2000	13	oz	04/15/2015
0001332537		CONTACT CLEANER 2000		oz	04/15/2015
0001332596		CONTACT CLEANER 2000	•	OZ	04/15/2015
0001332544		CONTACT CLEANER 2000		OZ	04/15/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001332597		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332482		CONTACT CLEANER 2000	13	oz	04/15/2015
0001332513		CONTACT CLEANER 2000	13	oz	04/15/2015
0001332598		CONTACT CLEANER 2000	13	oz	04/15/2015
0001332514		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001311050		404EU All-Purpose Lubricant and Sealant	5	oz	04/15/2015
0001332627		CONTACT CLEANER 2000	13	oz	04/15/2015
0001332621		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332622		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332623		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332624		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332625		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332539		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332595		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332452		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332628		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332629		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332630		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332631		CONTACT CLEANER 2000	13	oz	04/15/2015
0001311051		404EU All-Purpose Lubricant and Sealant	5	OZ	04/15/2015
0001311052		404EU All-Purpose Lubricant and Sealant	5	OZ	04/15/2015
0001332626		CONTACT CLEANER 2000	13	oz	04/15/2015
0001332613		CONTACT CLEANER 2000	13	oz	04/15/2015
0001332454		CONTACT CLEANER 2000	13	oz	04/15/2015
0001332453		CONTACT CLEANER 2000	13	oz	04/15/2015
0001332607		CONTACT CLEANER 2000	13	oz	04/15/2015
0001332608		CONTACT CLEANER 2000	13	oz	04/15/2015
0001332609		CONTACT CLEANER 2000	13	oz	04/15/2015
0001332610		CONTACT CLEANER 2000	13	oz	04/15/2015
0001332620		CONTACT CLEANER 2000	13	oz	04/15/2015
0001332612		CONTACT CLEANER 2000	13	oz	04/15/2015
0001332619		CONTACT CLEANER 2000	13	oz	04/15/2015
0001332614		CONTACT CLEANER 2000	13	oz	04/15/2015
0001332615		CONTACT CLEANER 2000	13	oz	04/15/2015
0001332616		CONTACT CLEANER 2000	13	oz	04/15/2015
0001332617		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332618		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332593		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332611		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332536		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332529		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332531		CONTACT CLEANER 2000	13	oz	04/15/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001332532		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332533		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332534		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332424		EASYSAND 20	18	lb	04/15/2015
0001332528		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332535		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332606		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332600		CONTACT CLEANER 2000		OZ	04/15/2015
0001332538		CONTACT CLEANER 2000	•	OZ	04/15/2015
0001332601		CONTACT CLEANER 2000		OZ	04/15/2015
0001332540		CONTACT CLEANER 2000		OZ	04/15/2015
0001332541		CONTACT CLEANER 2000		OZ	04/15/2015
0001332542		CONTACT CLEANER 2000		OZ	04/15/2015
0001332425		EASYSAND 20	18	lb	04/15/2015
0001311059		404EU All-Purpose Lubricant and Sealant	5	OZ	04/15/2015
0001332543		CONTACT CLEANER 2000	13	oz	04/15/2015
0001332530		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001311053		404EU All-Purpose Lubricant and Sealant	5	oz	04/15/2015
0001311054		404EU All-Purpose Lubricant and Sealant	5	OZ	04/15/2015
0001311055		404EU All-Purpose Lubricant and Sealant	5	OZ	04/15/2015
0001311056		404EU All-Purpose Lubricant and Sealant	5	OZ	04/15/2015
0001332527		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001311058		404EU All-Purpose Lubricant and Sealant		oz	04/15/2015
0001332594		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332481		CONTACT CLEANER 2000		OZ	04/15/2015
0001332480		CONTACT CLEANER 2000		oz	04/15/2015
0001332592		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332591		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332590		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332589		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001311057		404EU All-Purpose Lubricant and Sealant	5	OZ	04/15/2015
0001332562		CONTACT CLEANER 2000	13	oz	04/15/2015
0001332574		CONTACT CLEANER 2000	•	OZ	04/15/2015
0001332504		CONTACT CLEANER 2000		OZ	04/15/2015
0001332503		CONTACT CLEANER 2000		OZ	04/15/2015
0001332573		CONTACT CLEANER 2000	•	OZ	04/15/2015
0001332572		CONTACT CLEANER 2000	•	OZ	04/15/2015
0001332571		CONTACT CLEANER 2000	13	OZ	04/15/2015

Barcode	CAS#	Chemical Name	Container	Unit of	Date
0001222446		CONTACT CLEANED 2000	Size	Measure	04/15/2015
0001332446		CONTACT CLEANER 2000 CONTACT CLEANER 2000		OZ OZ	04/15/2015
0001332569 0001332567		CONTACT CLEANER 2000 CONTACT CLEANER 2000		OZ OZ	04/15/2015 04/15/2015
0001332566		CONTACT CLEANER 2000 CONTACT CLEANER 2000		OZ OZ	04/15/2015
0001332565		CONTACT CLEANER 2000		OZ OZ	04/15/2015
0001332303		CONTACT CLEANER 2000		OZ	04/15/2015
0001332563		CONTACT CLEANER 2000		OZ	04/15/2015
0001332577		CONTACT CLEANER 2000		OZ	04/15/2015
0001332502		CONTACT CLEANER 2000		OZ	04/15/2015
0001332561		CONTACT CLEANER 2000		OZ	04/15/2015
0001332560		CONTACT CLEANER 2000		OZ	04/15/2015
0001332559		CONTACT CLEANER 2000		OZ	04/15/2015
0001332558		CONTACT CLEANER 2000		OZ	04/15/2015
0001332557		CONTACT CLEANER 2000		OZ	04/15/2015
0001332556		CONTACT CLEANER 2000		oz	04/15/2015
0001332555		CONTACT CLEANER 2000		oz	04/15/2015
0001332554		CONTACT CLEANER 2000		oz	04/15/2015
0001332501		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332500		CONTACT CLEANER 2000	13	oz	04/15/2015
0001332564		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332505		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332512		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332511		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332510		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332509		CONTACT CLEANER 2000	13	oz	04/15/2015
0001332508		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332507		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332506		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332635		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332634		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332633		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001339811		Dissolved Oxygen 3 Powder Pillows	100	reactions	04/15/2015
0001332575		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332632		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332576		CONTACT CLEANER 2000	13	oz	04/15/2015
0001332588		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332587		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332586		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332585		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332584		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332583		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332582		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332581		CONTACT CLEANER 2000		OZ	04/15/2015
0001332580		CONTACT CLEANER 2000	13	OZ	04/15/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001332579		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332578		CONTACT CLEANER 2000	13	oz	04/15/2015
0001332568		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001339810		Dissolved Oxygen 3 Powder Pillows	100	reactions	04/15/2015
0001339809		Dissolved Oxygen 3 Powder Pillows	100	reactions	04/15/2015
0001332604		CONTACT CLEANER 2000	13	oz	04/15/2015
0001332451		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332450		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332449		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332448		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332447		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332605		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332550		CONTACT CLEANER 2000	13	oz	04/15/2015
0001332484		CONTACT CLEANER 2000	13	oz	04/15/2015
0001332485		CONTACT CLEANER 2000	13	oz	04/15/2015
0001332549		CONTACT CLEANER 2000	13	oz	04/15/2015
0001332486		CONTACT CLEANER 2000	13	oz	04/15/2015
0001332603		CONTACT CLEANER 2000	13	oz	04/15/2015
0001332602		CONTACT CLEANER 2000	13	oz	04/15/2015
0001332498		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332570		CONTACT CLEANER 2000	13	oz	04/15/2015
0001332551		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332494		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332497		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332496		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332495		CONTACT CLEANER 2000		OZ	04/15/2015
0001332493		CONTACT CLEANER 2000	13	oz	04/15/2015
0001332492		CONTACT CLEANER 2000		OZ	04/15/2015
0001332491		CONTACT CLEANER 2000		OZ	04/15/2015
0001332490		CONTACT CLEANER 2000		OZ	04/15/2015
0001332489		CONTACT CLEANER 2000		OZ	04/15/2015
0001332440		CONTACT CLEANER 2000		oz	04/15/2015
0001332487		CONTACT CLEANER 2000		OZ	04/15/2015
0001332553		CONTACT CLEANER 2000		oz	04/15/2015
0001332488		CONTACT CLEANER 2000		oz	04/15/2015
0001332552		CONTACT CLEANER 2000		OZ	04/15/2015
0001332439		CONTACT CLEANER 2000		OZ	04/15/2015
0001332442		CONTACT CLEANER 2000		OZ	04/15/2015
0001332441		CONTACT CLEANER 2000		OZ	04/15/2015
0001332458		CONTACT CLEANER 2000		OZ	04/15/2015
0001332455		CONTACT CLEANER 2000		OZ	04/15/2015
0001332471		CONTACT CLEANER 2000		OZ	04/15/2015
0001332456		CONTACT CLEANER 2000	13	OZ	04/15/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001332470		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332469		CONTACT CLEANER 2000	13	OZ	04/15/2015
0001332468		CONTACT CLEANER 2000		oz	04/15/2015
0001332467		CONTACT CLEANER 2000		OZ	04/15/2015
0001332457		CONTACT CLEANER 2000		OZ	04/15/2015
0001332462		CONTACT CLEANER 2000		OZ	04/15/2015
0001332459		CONTACT CLEANER 2000		OZ	04/15/2015
0001332460 0001332461		CONTACT CLEANER 2000 CONTACT CLEANER 2000		OZ OZ	04/15/2015 04/15/2015
0001332461		CONTACT CLEANER 2000		OZ OZ	04/15/2015
0001332463		CONTACT CLEANER 2000		OZ OZ	04/15/2015
0001332463		CONTACT CLEANER 2000		OZ	04/15/2015
0001332466		CONTACT CLEANER 2000		OZ	04/15/2015
0001339532	115-86-6	TRIPHENYL PHOSPHATE	1000	gm	04/16/2015
0001339680	1336-21-6	AMMONIUM HYDROXIDE	500		04/16/2015
0001339658		BLACK BEAUTY 50LB MEDIA BLAST	50	lb	04/16/2015
0001339659		BLACK BEAUTY 50LB MEDIA BLAST	50	lb	04/16/2015
0001339660		BLACK BEAUTY 50LB MEDIA BLAST	50	lb	04/16/2015
0001339661		BLACK BEAUTY 50LB MEDIA BLAST	50	lb	04/16/2015
0001339635		SIERRA ANTIFREEZE COOLANT	1	gal	04/16/2015
0001339663		BLACK BEAUTY 50LB MEDIA BLAST	50	lb	04/16/2015
0001339834	67-63-0	ISOPROPYL ALCOHOL	4		04/16/2015
0001339664		BLACK BEAUTY 50LB MEDIA BLAST	50	lb	04/16/2015
0001339665		BLACK BEAUTY 50LB MEDIA BLAST	50	lb	04/16/2015
0001339666		BLACK BEAUTY 50LB MEDIA BLAST	50	lb	04/16/2015
0001339662		BLACK BEAUTY 50LB MEDIA BLAST	50	lb	04/16/2015
0001339653		BLACK BEAUTY 50LB MEDIA BLAST	50	lb	04/16/2015
0001339636		SIERRA ANTIFREEZE COOLANT	1	gal	04/16/2015
0001339682	1336-21-6	AMMONIUM HYDROXIDE	500	ml	04/16/2015
0001339638		SIERRA ANTIFREEZE COOLANT	1	gal	04/16/2015
0001339639		SIERRA ANTIFREEZE COOLANT	1	gal	04/16/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001339681	1336-21-6	AMMONIUM HYDROXIDE	500		04/16/2015
0001332636		ready mix concrete	60	lb	04/16/2015
0001339654		BLACK BEAUTY 50LB MEDIA BLAST	50	lb	04/16/2015
0001339657		BLACK BEAUTY 50LB MEDIA BLAST	50	lb	04/16/2015
0001339656		BLACK BEAUTY 50LB MEDIA BLAST	50	lb	04/16/2015
0001339655		BLACK BEAUTY 50LB MEDIA BLAST	50	lb	04/16/2015
0001339667	1313-84-4	SODIUM SULFIDE, NONAHYDRATE	500	gm	04/16/2015
0001332639		ready mix concrete	60	lb	04/16/2015
0001339652		BLACK BEAUTY 50LB MEDIA BLAST	50	lb	04/16/2015
0001339637		SIERRA ANTIFREEZE COOLANT	1	gal	04/16/2015
0001331966	1325550-068	N-[(RS)-3-Hydroxybutyryl]-L-homoserine lactone	5	mg	04/16/2015
0001332637		ready mix concrete	60	lb	04/16/2015
0001339823	111-65-9	OCTANE (OCTANE, ANHYDROUS)	1	lb	04/16/2015
0001331971	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	04/16/2015
0001339824	111-65-9	OCTANE (OCTANE, ANHYDROUS)	1	lb	04/16/2015
0001339670	67-64-1	ACETONE	4	I	04/16/2015
0001339728		MAGNESIUM STANDARD	50	ml	04/16/2015
0001339718	13478-00-7	NICKEL(II) NITRATE HEXAHYDRATE	50	gm	04/16/2015
0001339671	67-64-1	ACETONE	4	I	04/16/2015
0001332644		ready mix concrete	60	lb	04/16/2015
0001332645		ready mix concrete	60	lb	04/16/2015
0001332646		ready mix concrete	60	lb	04/16/2015
0001332647		ready mix concrete	60	lb	04/16/2015
0001332648		ready mix concrete	60	lb	04/16/2015
0001332638		ready mix concrete	60	lb	04/16/2015
0001339829	67-63-0	2-PROPANOL	4	I	04/16/2015
0001339812	64-17-5	ETHYL ALCOHOL 200 PROOF	5	gal	04/16/2015
0001339669	67-64-1	ACETONE	4	I	04/16/2015
0001339679	1336-21-6	AMMONIUM HYDROXIDE	500	ml	04/16/2015
0001339833	7646-79-9	COBALT CHLORIDE	5	lb	04/16/2015
0001339832	7646-79-9	COBALT CHLORIDE	5	lb	04/16/2015
0001332649		ready mix concrete	60	lb	04/16/2015
0001339830	7646-79-9	COBALT CHLORIDE	5	lb	04/16/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001339825	111-65-9	OCTANE (OCTANE, ANHYDROUS)	1	lb	04/16/2015
0001339828	67-63-0	2-PROPANOL	4	I	04/16/2015
0001339827	67-63-0	2-PROPANOL	4	I	04/16/2015
0001339826	67-63-0	2-PROPANOL	4	I	04/16/2015
0001332650		ready mix concrete	60	lb	04/16/2015
0001332640		ready mix concrete	60	lb	04/16/2015
0001339668	67-64-1	ACETONE	4	I	04/16/2015
0001339831	7646-79-9	COBALT CHLORIDE	5	lb	04/16/2015
0001339707		MOLD RELEASE	12	OZ	04/16/2015
0001339720	7722-76-1	AMMONIUM PHOSPHATE, MONOBASIC CRYSTAL	500	gm	04/16/2015
0001339758	1455-13-6	METHYL ALCOHOL D	50	gm	04/16/2015
0001339759	1455-13-6	METHYL ALCOHOL D		gm	04/16/2015
0001339760	1455-13-6	METHYL ALCOHOL D		gm	04/16/2015
0001339761	1455-13-6	METHYL ALCOHOL D		gm	04/16/2015
0001339762	1455-13-6	METHYL ALCOHOL D		gm	04/16/2015
0001339763	1455-13-6	METHYL ALCOHOL D		gm	04/16/2015
0001339764	1455-13-6	METHYL ALCOHOL D		gm	04/16/2015
0001339765	1455-13-6	METHYL ALCOHOL D		gm	04/16/2015
0001339766	1455-13-6	METHYL ALCOHOL D		gm	04/16/2015
0001311064		TRU-BLU VIBRATION RESISTANT THREAD SEALANT		OZ	04/16/2015
0001339756	1455-13-6	METHYL ALCOHOL D	50	gm	04/16/2015
0001311066		REGULAR PASTE FLUX		OZ	04/16/2015
0001339755	1455-13-6	METHYL ALCOHOL D	50	gm	04/16/2015
0001339687	1608-26-0	HEXAMETHYLPHOSPHOROUS TRIAMIDE (HPMT)		gm	04/16/2015
0001339732	88-05-1	2,4,6-TRIMETHYLANILINE	100	gm	04/16/2015
0001339640	67-64-1	ACETONE	4		04/16/2015
0001331973	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	04/16/2015
0001339641	108-88-3	TOLUENE	4		04/16/2015
0001191551		ULTIMA GOLD AB	5		04/16/2015
0001332686		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/16/2015
0001332687		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/16/2015
0001332688		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/16/2015
0001332689		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/16/2015
0001332690		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/16/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001332691		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/16/2015
0001311065		REGULAR PASTE FLUX	16	OZ	04/16/2015
0001339817	350-92-5	1,1,1-Trifluoro-3-phenyl-2-propanone	5	gm	04/16/2015
0001339721		HARDMAN EXTRA-FAST SETTING EPOXY KIT	4	gm	04/16/2015
0001339722		HARDMAN EXTRA-FAST SETTING EPOXY KIT	4	gm	04/16/2015
0001339723		ALUMINUM PLASMA STANDARD	50	ml	04/16/2015
0001339724		BARIUM PLASMA STANDARD	50	ml	04/16/2015
0001339725	7440-70-2	CALCIUM STANDARD SOLUTION	50	ml	04/16/2015
0001339726		CHROMIUM PLASMA STANDARD	50	ml	04/16/2015
0001339727		COPPER STANDARD SOLUTION	100	ml	04/16/2015
0001332698		CONTACT CLEANER 2000	1	qt	04/16/2015
0001332697		CONTACT CLEANER 2000	13	OZ	04/16/2015
0001332696		CONTACT CLEANER 2000	13	OZ	04/16/2015
0001332695		CONTACT CLEANER 2000		OZ	04/16/2015
0001339757	1455-13-6	METHYL ALCOHOL D		gm	04/16/2015
0001339818	16646-44-9	Glyoxal bis(diallyl acetal)		ml	04/16/2015
0001339688	7697-37-2	NITRIC ACID, TRACEMETAL	500	ml	04/16/2015
0001339816	652-29-9	2',3',4',5',6'-Pentafluoroacetophenone	10	gm	04/16/2015
0001339815	434-45-7	2,2,2-TRIFLUOROACETOPHENONE	25	gm	04/16/2015
0001339814	129322-83-4	2',4',5'-Trifluoroacetophenone	5	gm	04/16/2015
0001331969		NALCO 1720 OXYGEN SCAVENGER SOLUTION	528	lb	04/16/2015
0001331974	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	04/16/2015
0001331972	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	04/16/2015
0001331970	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	04/16/2015
0001331968		sodium hypochlorite 12.5%-15%	330	gal	04/16/2015
0001339820		n-Nonyl Beta-maltoside	25	gm	04/16/2015
0001339752	1455-13-6	METHYL ALCOHOL D	50	gm	04/16/2015
0001339753	1455-13-6	METHYL ALCOHOL D	50	gm	04/16/2015
0001339754	1455-13-6	METHYL ALCOHOL D	50	gm	04/16/2015
0001339819	9002-93-1	Triton X-100	100	ml	04/16/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001339676	10045-94-0	MERCURIC NITRATE SOLUTIONS (0.01-0.2 N)	100	ml	04/16/2015
0001339771	1455-13-6	METHYL ALCOHOL D	50	gm	04/16/2015
0001339770	1455-13-6	METHYL ALCOHOL D		gm	04/16/2015
0001339769	1455-13-6	METHYL ALCOHOL D	50	gm	04/16/2015
0001339729	1344-28-1	ALUMINA, BASIC	500		04/16/2015
0001332642		ready mix concrete	60		04/16/2015
0001339709	101-68-8	Smooth-Cast 305	1.9	lb	04/16/2015
0001332643		ready mix concrete	60	lb	04/16/2015
0001339808	10045-94-0	MERCURIC NITRATE SOLUTIONS (0.01-0.2 N)	100	ml	04/16/2015
0001339807	10045-94-0	MERCURIC NITRATE SOLUTIONS (0.01-0.2 N)	100	ml	04/16/2015
0001339806	10045-94-0	MERCURIC NITRATE SOLUTIONS (0.01-0.2 N)	100	ml	04/16/2015
0001339805	10045-94-0	MERCURIC NITRATE SOLUTIONS (0.01-0.2 N)	100	ml	04/16/2015
0001332692		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/16/2015
0001339677	10045-94-0	MERCURIC NITRATE SOLUTIONS (0.01-0.2 N)	100	ml	04/16/2015
0001339774	1455-13-6	METHYL ALCOHOL D	50	gm	04/16/2015
0001339675	10045-94-0	MERCURIC NITRATE SOLUTIONS (0.01-0.2 N)	100	ml	04/16/2015
0001339674	10045-94-0	MERCURIC NITRATE SOLUTIONS (0.01-0.2 N)	100	ml	04/16/2015
0001339673	10045-94-0	MERCURIC NITRATE SOLUTIONS (0.01-0.2 N)	100	ml	04/16/2015
0001339734		BOROSILICATE SOLID-GLASS BEADS	1	lb	04/16/2015
0001339733	12125-01-8	AMMONIUM FLUORIDE	500	gm	04/16/2015
0001311080		PURPLE PRIMER	32	oz	04/16/2015
0001311079		PURPLE PRIMER	32	oz	04/16/2015
0001311078		PURPLE PRIMER	32	oz	04/16/2015
0001311077		PURPLE PRIMER	32	oz	04/16/2015
0001311076		CLEAR PVC CEMENT CONDUIT SOLVENT	32	OZ	04/16/2015
0001311075		CLEAR PVC CEMENT CONDUIT SOLVENT	32	OZ	04/16/2015
0001311074		CLEAR PVC CEMENT CONDUIT SOLVENT	32	OZ	04/16/2015
0001339678	10045-94-0	MERCURIC NITRATE SOLUTIONS (0.01-0.2 N)	100	ml	04/16/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001311062		TRU-BLU VIBRATION RESISTANT THREAD SEALANT	1	pt	04/16/2015
0001339751	1455-13-6	METHYL ALCOHOL D	50	gm	04/16/2015
0001339689	7697-37-2	NITRIC ACID, TRACEMETAL	500	ml	04/16/2015
0001339690	7697-37-2	NITRIC ACID, TRACEMETAL	500	ml	04/16/2015
0001339691	7697-37-2	NITRIC ACID, TRACEMETAL	500	ml	04/16/2015
0001339692		LOCTITE E-60NC EPOXY POTTING COMPOUND	50	ml	04/16/2015
0001339693		LOCTITE E-60NC EPOXY POTTING COMPOUND	50	ml	04/16/2015
0001339694		LOCTITE E-60NC EPOXY POTTING COMPOUND	50	ml	04/16/2015
0001339695		LOCTITE E-60NC EPOXY POTTING COMPOUND	50	ml	04/16/2015
0001339731	1310-58-3	POTASSIUM HYDROXIDE	5	kg	04/16/2015
0001339672		EPON 828		gal	04/16/2015
0001059222		ROSIN FLUX PEN	10	ml	04/16/2015
0001339768	1455-13-6	METHYL ALCOHOL D	50	gm	04/16/2015
0001339772	1455-13-6	METHYL ALCOHOL D	50	gm	04/16/2015
0001311063		TRU-BLU VIBRATION RESISTANT THREAD SEALANT	1	pt	04/16/2015
0001339773	1455-13-6	METHYL ALCOHOL D	50	gm	04/16/2015
0001311061		TRU-BLU VIBRATION RESISTANT THREAD SEALANT	1	pt	04/16/2015
0001311060		TRU-BLU VIBRATION RESISTANT THREAD SEALANT	1	pt	04/16/2015
0001332641		ready mix concrete	60	lb	04/16/2015
0001332658		ANTI-FREEZE ETHYLENE GLYCOL	1	gal	04/16/2015
0001332659		ANTI-FREEZE ETHYLENE GLYCOL	1	gal	04/16/2015
0001339780	1455-13-6	METHYL ALCOHOL D	50	gm	04/16/2015
0001339779	1455-13-6	METHYL ALCOHOL D	50	gm	04/16/2015
0001339778	1455-13-6	METHYL ALCOHOL D	50	gm	04/16/2015
0001339777	1455-13-6	METHYL ALCOHOL D	50	gm	04/16/2015
0001339776	1455-13-6	METHYL ALCOHOL D	50	gm	04/16/2015
0001339775	1455-13-6	METHYL ALCOHOL D	50	gm	04/16/2015
0001339686	1313-85-5	SODIUM SELENIDE	1	gm	04/16/2015
0001339767	1455-13-6	METHYL ALCOHOL D	50	gm	04/16/2015
0001339790	64-17-5	ETHANOL, 200 PROOF		pt	04/16/2015
0001339738		TELLURIUM STANDARD	125	ml	04/16/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001332660		ANTI-FREEZE ETHYLENE GLYCOL	1	gal	04/16/2015
0001332661		ANTI-FREEZE ETHYLENE GLYCOL	1	gal	04/16/2015
0001332662		ANTI-FREEZE ETHYLENE GLYCOL	1	gal	04/16/2015
0001339735	69365-72-6	GALLIUM(III)NITRATE	100	gm	04/16/2015
0001339799	64-17-5	ETHANOL, 200 PROOF	1	pt	04/16/2015
0001339798	64-17-5	ETHANOL, 200 PROOF	1	pt	04/16/2015
0001339797	64-17-5	ETHANOL, 200 PROOF	1	pt	04/16/2015
0001339796	64-17-5	ETHANOL, 200 PROOF		pt	04/16/2015
0001339795	64-17-5	ETHANOL, 200 PROOF	1	pt	04/16/2015
0001339794	64-17-5	ETHANOL, 200 PROOF	_	pt	04/16/2015
0001339793	64-17-5	ETHANOL, 200 PROOF		pt	04/16/2015
0001339801	64-17-5	ETHANOL, 200 PROOF		pt	04/16/2015
0001339791	64-17-5	ETHANOL, 200 PROOF		pt	04/16/2015
0001339802	64-17-5	ETHANOL, 200 PROOF		pt	04/16/2015
0001339788	64-17-5	ETHANOL, 200 PROOF		pt	04/16/2015
0001339787	64-17-5	ETHANOL, 200 PROOF		pt	04/16/2015
0001339786	64-17-5	ETHANOL, 200 PROOF		pt	04/16/2015
0001339785 0001339784	64-17-5 64-17-5	ETHANOL, 200 PROOF ETHANOL, 200 PROOF		pt	04/16/2015 04/16/2015
0001339784	64-17-5	ETHANOL, 200 PROOF		pt pt	04/16/2015
0001339783	64-17-5	ETHANOL, 200 PROOF		pt	04/16/2015
0001333782	64-17-5	ETHANOL, 200 PROOF		pt	04/16/2015
0001339761	01173	BUFFER PH 7 (YELLOW BUFFER)	475		04/16/2015
0001339642		BUFFER PH 10 (BLUE BUFFER)	475		04/16/2015
0001339736	98-59-9	P-TOLUENESULFONYL CHLORIDE	250	gm	04/16/2015
0001339737	122-51-0	TRIETHYL ORTHOFORMATE (TRIETHYL ORTHOFORMATE, ANHYDROUS)	500	ml	04/16/2015
0001339792	64-17-5	ETHANOL, 200 PROOF	1	pt	04/16/2015
0001332683		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/16/2015
0001339821	112-55-0	1-DODECANETHIOL	100	ml	04/16/2015
0001332670		PREMIUM BLUE 15W40 DIESEL OIL		gal	04/16/2015
0001332671		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/16/2015
0001332672		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/16/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001332673		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/16/2015
0001332674		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/16/2015
0001332675		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/16/2015
0001332676		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/16/2015
0001332677		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/16/2015
0001332678		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/16/2015
0001332679		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/16/2015
0001332680		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/16/2015
0001339800	64-17-5	ETHANOL, 200 PROOF	1	pt	04/16/2015
0001332682		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/16/2015
0001339789	64-17-5	ETHANOL, 200 PROOF	1	pt	04/16/2015
0001332684		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/16/2015
0001332685		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/16/2015
0001332669		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/16/2015
0001332668		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/16/2015
0001332667		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/16/2015
0001332666		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/16/2015
0001332665		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/16/2015
0001332664		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/16/2015
0001339813	540-69-2	AMMONIUM FORMATE	100	gm	04/16/2015
0001331967	7705-08-0	FERRIC CHLORIDE	3400	lb	04/16/2015
0001339804	64-17-5	ETHANOL, 200 PROOF		pt	04/16/2015
0001339803	64-17-5	ETHANOL, 200 PROOF	1	pt	04/16/2015
0001332681		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/16/2015
0001339684	1336-21-6	AMMONIUM HYDROXIDE	500	ml	04/16/2015
0001339716	8020-83-5	MINERAL OIL (LIGHT WHITE OIL)	1	kg	04/16/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001339648	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	100	ml	04/16/2015
0001339715	8020-83-5	MINERAL OIL (LIGHT WHITE OIL)	1	kg	04/16/2015
0001339651	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	100	ml	04/16/2015
0001339644	Multi	Buffer pH 4.01 (Pink)	475	ml	04/16/2015
0001339645		ARATHANE 5750-A/B	1	qt	04/16/2015
0001339646	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	100		04/16/2015
0001339647	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	100	ml	04/16/2015
0001339650	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	100	ml	04/16/2015
0001339717	8020-83-5	MINERAL OIL (LIGHT WHITE OIL)	1	kg	04/16/2015
0001339683	1336-21-6	AMMONIUM HYDROXIDE	500	ml	04/16/2015
0001339685	1313-85-5	SODIUM SELENIDE	1	gm	04/16/2015
0001339649	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	100	ml	04/16/2015
0001311068		PIPE JOINT LUBRICANT	2	lb	04/16/2015
0001339706		LOCTITE E-60NC EPOXY POTTING COMPOUND	50	ml	04/16/2015
0001339700		LOCTITE E-60NC EPOXY POTTING COMPOUND	50	ml	04/16/2015
0001339708	101-68-8	Smooth-Cast 300	1.9	lb	04/16/2015
0001311067		PASTE FLUX	8	oz	04/16/2015
0001332653		ANTI-FREEZE ETHYLENE GLYCOL	1	gal	04/16/2015
0001332652		ANTI-FREEZE ETHYLENE GLYCOL	1	gal	04/16/2015
0001332651		ANTI-FREEZE ETHYLENE GLYCOL	1	gal	04/16/2015
0001339730		KESTER SOLDER ROSIN FLUX	1	gal	04/16/2015
0001311073		REGULAR PASTE FLUX	1.7	oz	04/16/2015
0001311072		REGULAR PASTE FLUX	1.7	oz	04/16/2015
0001311071		REGULAR PASTE FLUX	1.7	oz	04/16/2015
0001339702		LOCTITE E-60NC EPOXY POTTING COMPOUND	50	ml	04/16/2015
0001311069		REGULAR PASTE FLUX	4	OZ	04/16/2015
0001339705		LOCTITE E-60NC EPOXY POTTING COMPOUND	50	ml	04/16/2015
0001339696		LOCTITE E-60NC EPOXY POTTING COMPOUND	50	ml	04/16/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001339697		LOCTITE E-60NC EPOXY POTTING COMPOUND	50	ml	04/16/2015
0001339698		LOCTITE E-60NC EPOXY POTTING COMPOUND	50	ml	04/16/2015
0001332663		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/16/2015
0001339699		LOCTITE E-60NC EPOXY POTTING COMPOUND	50	ml	04/16/2015
0001339701		LOCTITE E-60NC EPOXY POTTING COMPOUND	50	ml	04/16/2015
0001339703		LOCTITE E-60NC EPOXY POTTING COMPOUND	50	ml	04/16/2015
0001339704		LOCTITE E-60NC EPOXY POTTING COMPOUND	50	ml	04/16/2015
0001311070		REGULAR PASTE FLUX	1.7	OZ	04/16/2015
0001332656		ANTI-FREEZE ETHYLENE GLYCOL	1	gal	04/16/2015
0001332657		ANTI-FREEZE ETHYLENE GLYCOL	1	gal	04/16/2015
0001332655		ANTI-FREEZE ETHYLENE GLYCOL	1	gal	04/16/2015
0001339710	67-64-1	ACETONE	4	I	04/16/2015
0001339711	67-64-1	ACETONE	4	I	04/16/2015
0001339712	67-64-1	ACETONE	4		04/16/2015
0001339713	67-64-1	ACETONE	4		04/16/2015
0001339714	1344-28-1	ALUMINUM OXIDE	500	gm	04/16/2015
0001332654		ANTI-FREEZE ETHYLENE GLYCOL	1	gal	04/16/2015
0001332727		8200 ESD EPOXY ADHESIVE PART A	0.92	gal	04/17/2015
0001339840	12125-02-9	AMMONIA	60	ml	04/17/2015
0001339908	1634-04-4	TERT-BUTYL METHYL ETHER	2.5	I	04/17/2015
0001339907	1634-04-4	TERT-BUTYL METHYL ETHER	2.5	I	04/17/2015
0001332725		8200 ESD EPOXY ADHESIVE PART A	0.92	gal	04/17/2015
0001332726		8200 ESD EPOXY ADHESIVE PART A	0.92	gal	04/17/2015
0001332724		LEAKSEAL FLEXIBLE RUBBER COATING	30	OZ	04/17/2015
0001325162		SPEX PLASMA STANDARD ZIRCONIUM	125	ml	04/17/2015
0001180518		NORLAND OPTICAL ADHESIVE 88	6	gm	04/17/2015
0001332728		8200 ESD EPOXY ADHESIVE PART B	0.92	gal	04/17/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001339906	12125-02-9	AMMONIUM CHLORIDE	2	kg	04/17/2015
0001332729		8200 ESD EPOXY ADHESIVE PART B	0.92	gal	04/17/2015
0001332730		8200 ESD EPOXY ADHESIVE PART B	0.92	gal	04/17/2015
0001339844	7699-45-8	ZINC BROMIDE	500	gm	04/17/2015
0001339841	12125-02-9	AMMONIA	60	ml	04/17/2015
0001339743	54030-51-2	6,7-DIMETHYL-4-HYDROXY-2- MERCAPTOPTERIDINE	250	mg	04/17/2015
0001339911	7722-84-1	HYDROGEN PEROXIDE, 30% SOLUTION	100	ml	04/17/2015
0001339835	15114-43-9	DIBROMOISOCYANURIC ACID	5	gm	04/17/2015
0001339910	308080-99-1	MOLECULAR SIEVES 3A, 4-8 MESH	500	gm	04/17/2015
0001339836	870-24-6	2-CHLOROETHYLAMINE MONOHYDROCHLORIDE	100	gm	04/17/2015
0001339843	2206-27-1	DIMETHYL SULFOXIDE-D6	50	ml	04/17/2015
0001339909	7631-86-9	SILICA GEL GR 60 70 230	1	kg	04/17/2015
0001339912	998-30-1	TRIETHOXYSILANE	10	ml	04/17/2015
0001339822	74-89-5	METHYLAMINE	1	-	04/17/2015
0001339846	7699-45-8	ZINC BROMIDE	500	gm	04/17/2015
0001339744	75-64-9	TERT-BUTYLAMINE	100		04/17/2015
0001339847	7699-45-8	ZINC BROMIDE	500		04/17/2015
0001324239	7601-90-3	PERCHLORIC ACID	500		04/17/2015
0001277098		MOLYBDENUM STANDARD	125	ml	04/17/2015
0001339913	13528-93-3	1,2- ETHANEDIYLBISCHLORODIMETHYLSILANE	25	gm	04/17/2015
0001339914	18027-10-6	SODIUM TRIMETHYLSILANOLATE	25	gm	04/17/2015
0001339916	79-14-1	GLYCOLIC ACID	25	gm	04/17/2015
0001336520	7440-45-1	CERIUM FOIL	12	gm	04/17/2015
0001339842	9004-74-4	POLYETHYLENE GLYCOL METHYL ETHER	200	ml	04/17/2015
0001334909	1310-73-2	Sodium Hydroxide 25%	3400	lb	04/17/2015
0001339845	7699-45-8	ZINC BROMIDE	500	gm	04/17/2015
0001339745	53518-18-6	COUMARIN 153	100	mg	04/17/2015
0001332723		PSX 700 CURE	0.2	gal	04/17/2015
0001332710		LOCKTITE PL S10 POLYURETHANE MASONRY SEALANT	10	oz	04/17/2015
0001339917	87-69-4	L(+)-TARTARIC ACID	500	gm	04/17/2015
0001339918	108-32-7	CYCLIC PROPYLENE CARBONATE	100	ml	04/17/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001339919	111-78-4	1,5-CYCLOOCTADIENE	100	ml	04/17/2015
0001332711		LOCKTITE PL S10 POLYURETHANE MASONRY SEALANT	10	OZ	04/17/2015
0001332712		LOCKTITE PL S10 POLYURETHANE MASONRY SEALANT	10	OZ	04/17/2015
0001332713		LOCKTITE PL S10 POLYURETHANE MASONRY SEALANT	10	oz	04/17/2015
0001332714		LOCKTITE PL S10 POLYURETHANE MASONRY SEALANT	10	oz	04/17/2015
0001339920	98-59-9	P-TOLUENESULFONYL CHLORIDE	500	gm	04/17/2015
0001332715	8030-30-6	MINERAL SPIRITS (PAINT THINNER)	1	gal	04/17/2015
0001334907	1310-73-2	Sodium Hydroxide 25%	3400	lb	04/17/2015
0001332717		PSX 700 PART A(RESIN)	0.8	gal	04/17/2015
0001339848	7699-45-8	ZINC BROMIDE	500		04/17/2015
0001332718		PSX 700 PART A(RESIN)		gal	04/17/2015
0001339921	110-86-1	PYRIDINE, EXTRA DRY	100		04/17/2015
0001339922	110-86-1	PYRIDINE, EXTRA DRY	100		04/17/2015
0001332719		PSX 700 PART A(RESIN)		gal	04/17/2015
0001332720	110-86-1	PSX 700 CURE	100	gal	04/17/2015
0001339923 0001339924	110-86-1	PYRIDINE, EXTRA DRY PYRIDINE, EXTRA DRY	100		04/17/2015 04/17/2015
0001339924	110-86-1	PYRIDINE, EXTRA DRY	100		04/17/2015
000133332721	110 00 1	PSX 700 CURE		gal	04/17/2015
0001339926	110-86-1	PYRIDINE, EXTRA DRY	100		04/17/2015
0001332716		PSX 700 PART A(RESIN)		gal	04/17/2015
0001339905		SPUTTERING TARGET		gm	04/17/2015
0001332722		PSX 700 CURE	0.2	gal	04/17/2015
0000783681	10035-10-6	HYDROBROMIC ACID	100	ml	04/17/2015
0001335331		NITRIC ACID	2.5	I	04/17/2015
0001180519		NORLAND OPTICAL ADHESIVE 88	6	gm	04/17/2015
0001335332		NITRIC ACID	2.5	1	04/17/2015
0001339915	123-39-7	N-METHYLFORMAMIDE	1	I	04/17/2015
0001339904	112-80-1	OLEIC ACID	1000	ml	04/17/2015
0001332709		LOCKTITE PL S10 POLYURETHANE MASONRY SEALANT	10	oz	04/17/2015
0001334910	1310-73-2	Sodium Hydroxide 25%	3400	lb	04/17/2015
0001334911	1310-73-2	Sodium Hydroxide 25%	3400		04/17/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001339903	112-80-1	OLEIC ACID	1000		04/17/2015
0001277094		SILVER STANDARD	125	ml	04/17/2015
0001277097	7440-43-9	CADMIUM STANDARD SOLUTION	125	ml	04/17/2015
0001332707		LOCKTITE PL S10 POLYURETHANE MASONRY SEALANT	10	OZ	04/17/2015
0001339854	74665-17-1	TITANIUM(IV) (TRIETHANOLAMINATO)ISO- PROPOXIDE	100	ml	04/17/2015
0001339853	74665-17-1	TITANIUM(IV) (TRIETHANOLAMINATO)ISO- PROPOXIDE	100	ml	04/17/2015
0001339852		EPOXY	10	ml	04/17/2015
0001339851	7699-45-8	ZINC BROMIDE	500	gm	04/17/2015
0001339850	7699-45-8	ZINC BROMIDE	500	gm	04/17/2015
0001339849	7699-45-8	ZINC BROMIDE	500	gm	04/17/2015
0001334908	1310-73-2	Sodium Hydroxide 25%	3400	lb	04/17/2015
0001332708		LOCKTITE PL S10 POLYURETHANE MASONRY SEALANT	10	oz	04/17/2015
0001339750	1306-24-7	CADMIUM SELENIDE	10	gm	04/17/2015
0001339902	539-48-0	P-XYLYLENEDIAMINE		gm	04/17/2015
0001339901		RDX SOLUTION	1.2	ml	04/17/2015
0001339900		RDX SOLUTION	1.2	ml	04/17/2015
0001339895		RDX SOLUTION	1.2	ml	04/17/2015
0001339839	75-52-5	NITROMETHANE	100	ml	04/17/2015
0001339838	75-52-5	NITROMETHANE	100		04/17/2015
0001339837	75-52-5	NITROMETHANE	100	ml	04/17/2015
0001339741	9002-84-0	POLYTETRAFLUOROETHYLENE	2.5	oz	04/17/2015
0001334900	7732-18-5	Hydrochloric Acid 30-31%	3000	lb	04/17/2015
0001339898		RDX SOLUTION		ml	04/17/2015
0001334906	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	04/17/2015
0001339897		RDX SOLUTION	1.2	ml	04/17/2015
0001339896		RDX SOLUTION	1.2	ml	04/17/2015
0001339899		RDX SOLUTION	1.2	ml	04/17/2015
0001339740	7440-47-3	CHROMIUM METAL PURE ELECTROLYTIC POWDER	25	gm	04/17/2015
0001339742	Multi	PLATINUM CYCLOVINYLMETHYL SILOXANE COMPLEX	5	gm	04/17/2015
0001334902	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	04/17/2015
0001334903	7786-30-3	MAGNESIUM CHLORIDE	3300		04/17/2015
0001339749	1187-58-2	N-METHYLPROPIONAMIDE		gm	04/17/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001334905	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	04/17/2015
0001339746	112-88-9	1-OCTADECENE	1	1	04/17/2015
0001339747	112-88-9	1-OCTADECENE	1	I	04/17/2015
0001339748	78-50-2	TRIOCTYLPHOSPHINE OXIDE	100	gm	04/17/2015
0001334901	7732-18-5	Hydrochloric Acid 30-31%	3000	lb	04/17/2015
0001339739	112-88-9	1-OCTADECENE	10000	ml	04/17/2015
0001334904	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	04/17/2015
0001339615		POLYMER MICROSPHERES		gm	04/17/2015
0001332809		FANTASTIK SPRAY CLEAN		qt	04/20/2015
0001332807		FANTASTIK SPRAY CLEAN		qt	04/20/2015
0001332808		FANTASTIK SPRAY CLEAN		qt	04/20/2015
0001339937	1309-48-4	MAGNESIUM OXIDE	100		04/20/2015
0001361544	7727-37-9	NITROGEN ULTRA HIGH PURITY	220		04/20/2015
0001332801		FANTASTIK SPRAY CLEAN	1	qt	04/20/2015
0001332778		FANTASTIK SPRAY CLEAN	1	qt	04/20/2015
0001332779		FANTASTIK SPRAY CLEAN	1	qt	04/20/2015
0001332780		FANTASTIK SPRAY CLEAN	1	qt	04/20/2015
0001332803		FANTASTIK SPRAY CLEAN		qt	04/20/2015
0001332800		FANTASTIK SPRAY CLEAN		qt	04/20/2015
0001361553	7727-37-9	NITROGEN ULTRA HIGH PURITY	220		04/20/2015
0001339936	6596-96-9	TRIS(DIMETHYLAMINO)ARSINE	5	gm	04/20/2015
0001339935	638-21-1	PHENYLPHOSPHINE	2	gm	04/20/2015
0001339934		WD-40	1	gal	04/20/2015
0001339933		WD-40	20	oz	04/20/2015
0001339932	75-52-5	NITROMETHANE	500	ml	04/20/2015
0001339931	75-52-5	NITROMETHANE	500	ml	04/20/2015
0001332781		FANTASTIK SPRAY CLEAN	1	qt	04/20/2015
0001361547	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/20/2015
0001332806		FANTASTIK SPRAY CLEAN	1	qt	04/20/2015
0001332805		FANTASTIK SPRAY CLEAN	1	qt	04/20/2015
0001361542	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/20/2015
0001361543	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/20/2015
0001361551	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/20/2015
0001332802		FANTASTIK SPRAY CLEAN	1	qt	04/20/2015
0001361546	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/20/2015
0001332810		FANTASTIK SPRAY CLEAN	1	qt	04/20/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001361548	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/20/2015
0001332760		FS-ONE HIGH PERFORMANCE INTUMESCENT FIRE STOP SEALANT	300	ml	04/20/2015
0001361549	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/20/2015
0001361550	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/20/2015
0001332804		FANTASTIK SPRAY CLEAN	1	qt	04/20/2015
0001361552	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/20/2015
0001361545	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/20/2015
0001332834		FANTASTIK SPRAY CLEAN	1	qt	04/20/2015
0001339927	3675-63-6	BROMOETHANE-D5	5	gm	04/20/2015
0001339866	1333-86-4	SUPER C 65	7.5	kg	04/20/2015
0001339865	1333-86-4	SUPER C 45	6	kg	04/20/2015
0001339864	1333-86-4	ENSACO 350 CARBON BLACK	7.5	kg	04/20/2015
0001332837		FANTASTIK SPRAY CLEAN	1	qt	04/20/2015
0001332829		FANTASTIK SPRAY CLEAN	1	qt	04/20/2015
0001332835		FANTASTIK SPRAY CLEAN	1	qt	04/20/2015
0001332846		FANTASTIK SPRAY CLEAN	1	qt	04/20/2015
0001332833		FANTASTIK SPRAY CLEAN	1	qt	04/20/2015
0001332832		FANTASTIK SPRAY CLEAN	1	qt	04/20/2015
0001332700		ready mix concrete	60		04/20/2015
0001332699		ready mix concrete	60		04/20/2015
0001332831		FANTASTIK SPRAY CLEAN	1	qt	04/20/2015
0001332762		FS-ONE HIGH PERFORMANCE INTUMESCENT FIRE STOP SEALANT	300	ml	04/20/2015
0001332836		FANTASTIK SPRAY CLEAN	1	qt	04/20/2015
0001339938	64-18-6	FORMIC ACID	250		04/20/2015
0001332747	3 . 25 5	FS-ONE HIGH PERFORMANCE INTUMESCENT FIRE STOP SEALANT	300		04/20/2015
0001332748		FS-ONE HIGH PERFORMANCE INTUMESCENT FIRE STOP SEALANT	300	ml	04/20/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001332749		FS-ONE HIGH PERFORMANCE INTUMESCENT FIRE STOP SEALANT	300	ml	04/20/2015
0001332750		FS-ONE HIGH PERFORMANCE INTUMESCENT FIRE STOP SEALANT	300	ml	04/20/2015
0001332840		FANTASTIK SPRAY CLEAN	1	qt	04/20/2015
0001332839		FANTASTIK SPRAY CLEAN		qt	04/20/2015
0001339928	9002-84-0	POLY(TETRAFLUOROETHYLENE)	250		04/20/2015
0001279481		LPS TAPMATIC NATURAL DUAL ACTION CUTTING FLUID	16	oz	04/20/2015
0001339929	1333-86-4	CARBON BLACK	25	gm	04/20/2015
0001332841		FANTASTIK SPRAY CLEAN		qt	04/20/2015
0001332842		FANTASTIK SPRAY CLEAN		qt	04/20/2015
0001332843		FANTASTIK SPRAY CLEAN		qt	04/20/2015
0001332844		FANTASTIK SPRAY CLEAN		qt	04/20/2015
0001332845		FANTASTIK SPRAY CLEAN		qt	04/20/2015
0001332828		FANTASTIK SPRAY CLEAN		qt	04/20/2015
0001332838		FANTASTIK SPRAY CLEAN		qt	04/20/2015
0001332771		FANTASTIK SPRAY CLEAN		qt	04/20/2015
0001332825		FANTASTIK SPRAY CLEAN		qt	04/20/2015
0001332824		FANTASTIK SPRAY CLEAN		qt	04/20/2015
0001332823		FANTASTIK SPRAY CLEAN		qt	04/20/2015
0001332767		FANTASTIK SPRAY CLEAN		qt	04/20/2015
0001332768		FANTASTIK SPRAY CLEAN		qt	04/20/2015
0001332830		FANTASTIK SPRAY CLEAN	1	qt	04/20/2015
0001332770		FANTASTIK SPRAY CLEAN	1	qt	04/20/2015
0001339930	6487-48-5	POTASSIUM OXALATE MONOHYDRATE	100	gm	04/20/2015
0001332772		FANTASTIK SPRAY CLEAN	1	qt	04/20/2015
0001332773		FANTASTIK SPRAY CLEAN		qt	04/20/2015
0001332774		FANTASTIK SPRAY CLEAN		qt	04/20/2015
0001332775		FANTASTIK SPRAY CLEAN		qt	04/20/2015
0001332776		FANTASTIK SPRAY CLEAN		qt	04/20/2015
0001332777		FANTASTIK SPRAY CLEAN		qt	04/20/2015
0001332769		FANTASTIK SPRAY CLEAN		qt	04/20/2015
0001332759		FS-ONE HIGH PERFORMANCE INTUMESCENT FIRE STOP SEALANT	300	ml	04/20/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001332751		FS-ONE HIGH PERFORMANCE INTUMESCENT FIRE STOP SEALANT	300	ml	04/20/2015
0001332752		FS-ONE HIGH PERFORMANCE INTUMESCENT FIRE STOP SEALANT	300	ml	04/20/2015
0001332753		FS-ONE HIGH PERFORMANCE INTUMESCENT FIRE STOP SEALANT	300	ml	04/20/2015
0001332754		FS-ONE HIGH PERFORMANCE INTUMESCENT FIRE STOP SEALANT	300	ml	04/20/2015
0001332755		FS-ONE HIGH PERFORMANCE INTUMESCENT FIRE STOP SEALANT	300	ml	04/20/2015
0001332756		FS-ONE HIGH PERFORMANCE INTUMESCENT FIRE STOP SEALANT	300	ml	04/20/2015
0001332826		FANTASTIK SPRAY CLEAN	1	qt	04/20/2015
0001332758		BLACK JACK ROOF GARD 700	5	gal	04/20/2015
0001332827		FANTASTIK SPRAY CLEAN	1	qt	04/20/2015
0001332761		FS-ONE HIGH PERFORMANCE INTUMESCENT FIRE STOP SEALANT	300	ml	04/20/2015
0001332763		FS-ONE HIGH PERFORMANCE INTUMESCENT FIRE STOP SEALANT	300	ml	04/20/2015
0001332764		FS-ONE HIGH PERFORMANCE INTUMESCENT FIRE STOP SEALANT	300	ml	04/20/2015
0001332765		FS-ONE HIGH PERFORMANCE INTUMESCENT FIRE STOP SEALANT	300	ml	04/20/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001332766		FS-ONE HIGH PERFORMANCE INTUMESCENT FIRE STOP SEALANT	300	ml	04/20/2015
0001339863	1333-86-4	ENSACO 260 CARBON BLACK	10	kg	04/20/2015
0001332757		FS-ONE HIGH PERFORMANCE INTUMESCENT FIRE STOP SEALANT	300	ml	04/20/2015
0001361600		ARGON 94%, HYDROGEN 6%	220	cf	04/20/2015
0001361606		ARGON 94%, HYDROGEN 6%	220	cf	04/20/2015
0001361505	7440-59-7	HELIUM	100	I	04/20/2015
0001361504	7440-59-7	HELIUM	100	I	04/20/2015
0001361503	7440-59-7	HELIUM	100	1	04/20/2015
0001361502	7440-59-7	HELIUM	100	I	04/20/2015
0001361501	7440-59-7	HELIUM	100		04/20/2015
0001361500	7440-59-7	HELIUM	100		04/20/2015
0001361499	7440-59-7	HELIUM	100		04/20/2015
0001361498	7440-59-7	HELIUM	100	I	04/20/2015
0001361595		ARGON 94%, HYDROGEN 6%	220	cf	04/20/2015
0001361596		ARGON 94%, HYDROGEN 6%	220	cf	04/20/2015
0001361597		ARGON 94%, HYDROGEN 6%	220	cf	04/20/2015
0001361507	7440-59-7	HELIUM	100	ı	04/20/2015
0001361599		ARGON 94%, HYDROGEN 6%	220	cf	04/20/2015
0001361508	7440-59-7	HELIUM	100	I	04/20/2015
0001361594		ARGON 94%, HYDROGEN 6%	220	cf	04/20/2015
0001361592		ARGON 94%, HYDROGEN 6%	220	cf	04/20/2015
0001361515	7664-41-7	AMMONIA, ANHYDROUS	25	1	04/20/2015
0001361514	7664-41-7	AMMONIA, ANHYDROUS	25		04/20/2015
0001361513	7664-41-7	AMMONIA, ANHYDROUS	25		04/20/2015
0001361511		CARBON MONOXIDE/HELIUM	150	cf	04/20/2015
0001361510	75-45-6	CHLORODIFLUOROMETHANE	30	lb	04/20/2015
0001361601		ARGON 94%, HYDROGEN 6%	220	cf	04/20/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001361602		ARGON 94%, HYDROGEN 6%	220	cf	04/20/2015
0001361603		ARGON 94%, HYDROGEN 6%	220	cf	04/20/2015
0001361604		ARGON 94%, HYDROGEN 6%	220	cf	04/20/2015
0001332701		ready mix concrete	60	lb	04/20/2015
0001361598		ARGON 94%, HYDROGEN 6%	220	cf	04/20/2015
0001361526	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	04/20/2015
0001332702		ready mix concrete	60	lb	04/20/2015
0001332703		ready mix concrete	60	lb	04/20/2015
0001332704		ready mix concrete	60	lb	04/20/2015
0001332705		ready mix concrete	60	lb	04/20/2015
0001332706		ready mix concrete	60	lb	04/20/2015
0001361517	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	04/20/2015
0001361518	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	04/20/2015
0001361519	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	04/20/2015
0001361520	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	04/20/2015
0001361521	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	04/20/2015
0001361522	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	04/20/2015
0001361523	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	04/20/2015
0001361506	7440-59-7	HELIUM	100	I	04/20/2015
0001361525	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	04/20/2015
0001339855		Self-Etch Primer Black	1	qt	04/20/2015
0001361527	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	04/20/2015
0001361528	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	04/20/2015
0001361529	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	04/20/2015
0001361530	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	04/20/2015
0001361531	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	04/20/2015
0001361532	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/20/2015
0001361533	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/20/2015
0001361534	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/20/2015
0001361535	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/20/2015
0001361536	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/20/2015
0001361537	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/20/2015
0001361509	7440-59-7	HELIUM	100	I	04/20/2015
0001361503	7440-37-1	ARGON ULTRA HIGH PURITY	220		04/20/2015
0001361524	1,	ARGON 90% METHANE 10%	220		04/20/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001361605		ARGON 94%, HYDROGEN 6%	220	cf	04/20/2015
0001361608	7727-37-9	NITROGEN	220	cf	04/20/2015
0001361607	7727-37-9	NITROGEN	220	cf	04/20/2015
0001332796		FANTASTIK SPRAY CLEAN	1	qt	04/20/2015
0001332797		FANTASTIK SPRAY CLEAN	1	qt	04/20/2015
0001332798		FANTASTIK SPRAY CLEAN	1	qt	04/20/2015
0001332799		FANTASTIK SPRAY CLEAN	1	qt	04/20/2015
0001361591		ARGON 90% METHANE 10%	220	cf	04/20/2015
0001361590		ARGON 90% METHANE 10%	220	cf	04/20/2015
0001361589		ARGON 90% METHANE 10%	220		04/20/2015
0001361588		ARGON 90% METHANE 10%	220	cf	04/20/2015
0001361587		ARGON 90% METHANE 10%	220	cf	04/20/2015
0001361610	7727-37-9	NITROGEN	220		04/20/2015
0001361585		ARGON 90% METHANE 10%	220	cf	04/20/2015
0001332795		FANTASTIK SPRAY CLEAN		qt	04/20/2015
0001361583		ARGON 90% METHANE 10%	220	cf	04/20/2015
0001361582		ARGON 90% METHANE 10%	220	cf	04/20/2015
0001361581		ARGON 90% METHANE 10%	220		04/20/2015
0001361580		ARGON 90% METHANE 10%	220	cf	04/20/2015
0001361579		ARGON 90% METHANE 10%	220	cf	04/20/2015
0001361578		ARGON 90% METHANE 10%	220	cf	04/20/2015
0001361577		ARGON 90% METHANE 10%	220	cf	04/20/2015
0001339862	14850-23-8	TRANS-4-OCTENE	25	ml	04/20/2015
0001339861	110-83-8	CYCLOHEXENE	500	ml	04/20/2015
0001339860	1665-00-5	METHYLENE CHLORIDE-D2	25	gm	04/20/2015
0001339859	28077-64-7	ACETOPHENONE-2',3',4',5',	5	gm	04/20/2015
0001339858	19259-90-6	ACETYL-D3 CHLORIDE		gm	04/20/2015
0001361586		ARGON 90% METHANE 10%	220	cf	04/20/2015
0001361539	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/20/2015
0001339856		Self-Etch Primer Black	1	qt	04/20/2015
0001339857	19259-90-6	ACETYL-D3 CHLORIDE		gm	04/20/2015
0001280096		STAY-SILV WHITE BRAZING FLUX		lb	04/20/2015
0001280030		272 Threadlocker High Strength	50	ml	04/20/2015
0001280097		LOCTITE 7649 PRIMER N	1.75	oz	04/20/2015
0001280098		LOCTITE 680 RETAININ		ml	04/20/2015
0001280102	Multi	Low Conductivity Antifreeze/Coolant		gal	04/20/2015
0001280101	Multi	Low Conductivity Antifreeze/Coolant	1	gal	04/20/2015
0001280100	Multi	Low Conductivity Antifreeze/Coolant	1	gal	04/20/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001280099	Multi	Low Conductivity Antifreeze/Coolant	1	gal	04/20/2015
0001332782		FANTASTIK SPRAY CLEAN	1	qt	04/20/2015
0001332783		FANTASTIK SPRAY CLEAN	1	qt	04/20/2015
0001361609	7727-37-9	NITROGEN	220	cf	04/20/2015
0001361538	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/20/2015
0001361593		ARGON 94%, HYDROGEN 6%	220	cf	04/20/2015
0001361540	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/20/2015
0001361541	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/20/2015
0001332785		FANTASTIK SPRAY CLEAN	1	qt	04/20/2015
0001332786		FANTASTIK SPRAY CLEAN	1	qt	04/20/2015
0001332787		FANTASTIK SPRAY CLEAN	1	qt	04/20/2015
0001332788		FANTASTIK SPRAY CLEAN	1	qt	04/20/2015
0001332789		FANTASTIK SPRAY CLEAN	1	-	04/20/2015
0001332790		FANTASTIK SPRAY CLEAN		qt	04/20/2015
0001332791		FANTASTIK SPRAY CLEAN		qt	04/20/2015
0001332792		FANTASTIK SPRAY CLEAN		qt	04/20/2015
0001332793		FANTASTIK SPRAY CLEAN		qt	04/20/2015
0001332794		FANTASTIK SPRAY CLEAN	1		04/20/2015
0001332784	7727 27 2	FANTASTIK SPRAY CLEAN		qt	04/20/2015
0001361615	7727-37-9	NITROGEN	220 220		04/20/2015
0001361613 0001361516	7727-37-9 7664-41-7	NITROGEN AMMONIA, ANHYDROUS	25		04/20/2015 04/20/2015
0001361516	7727-37-9	NITROGEN	220		04/20/2015
0001361614	7727-37-9	NITROGEN	220		04/20/2015
0001361611	7727-37-9	NITROGEN	220		04/20/2015
0001332731		FS-ONE HIGH PERFORMANCE INTUMESCENT FIRE STOP SEALANT	300		04/20/2015
0001332732		FS-ONE HIGH PERFORMANCE INTUMESCENT FIRE STOP SEALANT	300	ml	04/20/2015
0001332822		FANTASTIK SPRAY CLEAN	1	qt	04/20/2015
0001332820		FANTASTIK SPRAY CLEAN		qt	04/20/2015
0001332818		FANTASTIK SPRAY CLEAN		qt	04/20/2015
0001361556	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/20/2015
0001361570	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/20/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001332821		FANTASTIK SPRAY CLEAN	1	qt	04/20/2015
0001332814		FANTASTIK SPRAY CLEAN	1	qt	04/20/2015
0001361557	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/20/2015
0001361558	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/20/2015
0001361559	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/20/2015
0001361560	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/20/2015
0001361561	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/20/2015
0001361562	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/20/2015
0001361555	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/20/2015
0001361563	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/20/2015
0001361554	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/20/2015
0001332811		FANTASTIK SPRAY CLEAN	1	qt	04/20/2015
0001332816		FANTASTIK SPRAY CLEAN	1	qt	04/20/2015
0001332813		FANTASTIK SPRAY CLEAN	1	qt	04/20/2015
0001361572	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/20/2015
0001332815		FANTASTIK SPRAY CLEAN	1	qt	04/20/2015
0001361564	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/20/2015
0001361565	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/20/2015
0001361566	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/20/2015
0001361567	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/20/2015
0001361568	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/20/2015
0001361569	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/20/2015
0001332819		FANTASTIK SPRAY CLEAN	1	qt	04/20/2015
0001361571	7727-37-9	NITROGEN ULTRA HIGH PURITY	220		04/20/2015
0001361573	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/20/2015
0001332817		FANTASTIK SPRAY CLEAN	1	qt	04/20/2015
0001332812		FANTASTIK SPRAY CLEAN		qt	04/20/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001361574	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/20/2015
0001361616		2.9% Hydrogen/Bal. Argon	220	cf	04/20/2015
0001332733		FS-ONE HIGH PERFORMANCE INTUMESCENT FIRE STOP SEALANT	300	ml	04/20/2015
0001332734		FS-ONE HIGH PERFORMANCE INTUMESCENT FIRE STOP SEALANT	300	ml	04/20/2015
0001332735		FS-ONE HIGH PERFORMANCE INTUMESCENT FIRE STOP SEALANT	300	ml	04/20/2015
0001332736		FS-ONE HIGH PERFORMANCE INTUMESCENT FIRE STOP SEALANT	300	ml	04/20/2015
0001332737		FS-ONE HIGH PERFORMANCE INTUMESCENT FIRE STOP SEALANT	300	ml	04/20/2015
0001332738		FS-ONE HIGH PERFORMANCE INTUMESCENT FIRE STOP SEALANT	300	ml	04/20/2015
0001332739		FS-ONE HIGH PERFORMANCE INTUMESCENT FIRE STOP SEALANT	300	ml	04/20/2015
0001332740		FS-ONE HIGH PERFORMANCE INTUMESCENT FIRE STOP SEALANT	300	ml	04/20/2015
0001332741		FS-ONE HIGH PERFORMANCE INTUMESCENT FIRE STOP SEALANT	300	ml	04/20/2015
0001332746		FS-ONE HIGH PERFORMANCE INTUMESCENT FIRE STOP SEALANT	300	ml	04/20/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001332742		FS-ONE HIGH PERFORMANCE INTUMESCENT FIRE STOP SEALANT	300	ml	04/20/2015
0001361576	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/20/2015
0001332744		FS-ONE HIGH PERFORMANCE INTUMESCENT FIRE STOP SEALANT	300	ml	04/20/2015
0001361618		25% ARGON/BAL. HELIUM	220	cf	04/20/2015
0001361575	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/20/2015
0001332743		FS-ONE HIGH PERFORMANCE INTUMESCENT FIRE STOP SEALANT	300	ml	04/20/2015
0001361617		2.9% Hydrogen/Bal. Argon	220	cf	04/20/2015
0001361619	7440-37-1	ARGON ULTRA HIGH PURITY	300	cf	04/20/2015
0001332745		FS-ONE HIGH PERFORMANCE INTUMESCENT FIRE STOP SEALANT	300	ml	04/20/2015
0001339970	7647-01-0	HYDROCHLORIC ACID TRACE METAL-35%	500	ml	04/21/2015
0001339971	7647-01-0	HYDROCHLORIC ACID TRACE METAL-35%	500	ml	04/21/2015
0001339889	9003-55-8	POLY(STYRENE-CO-BUTADIENE)	250	gm	04/21/2015
0001339891	108-77-0	CYANURIC CHLORIDE	250	gm	04/21/2015
0001332891		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473	ml	04/21/2015
0001332890		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473	ml	04/21/2015
0001332888		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473	ml	04/21/2015
0001332887		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473	ml	04/21/2015
0001332886		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473	ml	04/21/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001332885		TOTAL CHLORIEN BUFFER SOLUTION	473	ml	04/21/2015
0001332884		TOTAL CHLORIEN BUFFER SOLUTION	473	ml	04/21/2015
0001339950		FORMULA 314-T	50	lb	04/21/2015
0001339951		FORMULA 314-T	50	lb	04/21/2015
0001339952		FORMULA 314-T	50	lb	04/21/2015
0001339953		FORMULA 314-T	50	lb	04/21/2015
0001339892	1592-20-7	4-VINYLBENZYLCHLORIDE	100	ml	04/21/2015
0001339940	998-40-3	TRI-N-BUTYLPHOSPHINE	25	gm	04/21/2015
0001332889		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473		04/21/2015
0001339890	1414-45-5	Nisin, from Lactococcus lactis	1	gm	04/21/2015
0001332901		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473	ml	04/21/2015
0001332902		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473	ml	04/21/2015
0001332903		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473	ml	04/21/2015
0001339879	75-75-2	METHANE SULFONIC ACID	100	ml	04/21/2015
0001339878	75-75-2	METHANE SULFONIC ACID	100	ml	04/21/2015
0001339873	7697-37-2	NITRIC ACID OPTIMA	2	I	04/21/2015
0001332904		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473	ml	04/21/2015
0001332905		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473	ml	04/21/2015
0001332906		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473	ml	04/21/2015
0001339949	10026-12-7	NIOBIUM(V) CHLORIDE	100	gm	04/21/2015
0001339939		TEVA RESIN	100		04/21/2015
0001339872	7697-37-2	NITRIC ACID OPTIMA	2		04/21/2015
0001339881	1344-28-1	ALUMINA POWDER		kg	04/21/2015
0001339882	127-19-5	N,N-DIMETHYLACETAMIDE	100		04/21/2015
0001339883	127-19-5	N,N-DIMETHYLACETAMIDE	100		04/21/2015
0001339884	9002-83-9	POLY(CHLOROTRIFLUOROETHYLENE)		gm	04/21/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001339885	335-64-8	PENTADECAFLUOROOCTANOYL CHLORIDE	5	gm	04/21/2015
0001339886	2038-03-1	4-(2-AMINOETHYL)MORPHOLINE	5	gm	04/21/2015
0001339887	7646-78-8	TIN(IV) CHLORIDE	5	gm	04/21/2015
0001332854		BLACK JACK ROOF GARD 700	5	gal	04/21/2015
0001339888	9003-55-8	POLY(STYRENE-CO-BUTADIENE)	250	gm	04/21/2015
0001339941	86508-42-1	FC-72 FLUORINERT BRAND ELECTRONIC LIQUID	1	gal	04/21/2015
0001339976	7647-01-0	HYDROCHLORIC ACID TRACE METAL-35%	500	ml	04/21/2015
0001339875	64-17-5	ETHYL ALCOHOL	16		04/21/2015
0001339876	64-17-5	ETHYL ALCOHOL	16	I	04/21/2015
0001339877	64-17-5	ETHYL ALCOHOL	16	I	04/21/2015
0001332916		ALEX PLUS	10.1	OZ	04/21/2015
0001332893		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473	ml	04/21/2015
0001334912	7732-18-5	Hydrochloric Acid 30-31%	3000	lb	04/21/2015
0001340042	108-88-3	TOLUENE	4	1	04/21/2015
0001340041	108-88-3	TOLUENE	4	1	04/21/2015
0001339871	7697-37-2	NITRIC ACID OPTIMA	2	I	04/21/2015
0001340039	108-88-3	TOLUENE	4	I	04/21/2015
0001332915		ALEX PLUS	10.1	oz	04/21/2015
0001339975	7647-01-0	HYDROCHLORIC ACID TRACE METAL-35%	500	ml	04/21/2015
0001339974	7647-01-0	HYDROCHLORIC ACID TRACE METAL-35%	500	ml	04/21/2015
0001339973	7647-01-0	HYDROCHLORIC ACID TRACE METAL-35%	500	ml	04/21/2015
0001339972	7647-01-0	HYDROCHLORIC ACID TRACE METAL-35%	500	ml	04/21/2015
0001339945	1317-61-9	FERRIC-FERROUS OXIDE	500	gm	04/21/2015
0001339946	1317-61-9	FERRIC-FERROUS OXIDE		gm	04/21/2015
0001339947	67-68-5	DIMETHYL SULFOXIDE	100		04/21/2015
0001339948	13499-05-3	HAFNIUM(IV) CHLORIDE	500	gm	04/21/2015
0001340040	108-88-3	TOLUENE	4		04/21/2015
0001332910		100% SILICONE SEALANT	9.8	oz	04/21/2015
0001339870	7697-37-2	NITRIC ACID OPTIMA	2		04/21/2015
0001339880	1344-28-1	ALUMINA POWDER		kg	04/21/2015
0001332855		BLACK JACK ROOF GARD 700		gal	04/21/2015
0001339954		FORMULA 314-T	50	lb	04/21/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001332856		BLACK JACK ROOF GARD 700	5	gal	04/21/2015
0001339869	7697-37-2	NITRIC ACID OPTIMA	2	I	04/21/2015
0001332857		BLACK JACK ROOF GARD 700	5	gal	04/21/2015
0001339955		FORMULA 314-T	50	lb	04/21/2015
0001339874	64-17-5	ETHYL ALCOHOL	16	I	04/21/2015
0001361512		10ppm Carbon Monoxide/1000ppm Hydrogen/Bal. Helium	150	lb	04/21/2015
0001339867	67-63-0	ISOPROPANOL (2-PROPANOL)	4	I	04/21/2015
0001339868	7697-37-2	NITRIC ACID OPTIMA	2	I	04/21/2015
0001332858		BLACK JACK ROOF GARD 700	5	gal	04/21/2015
0001332859		BLACK JACK ROOF GARD 700	5	gal	04/21/2015
0001332860		BLACK JACK ROOF GARD 700	5	gal	04/21/2015
0001332911		100% SILICONE SEALANT	9.8	OZ	04/21/2015
0001332912		100% SILICONE SEALANT	9.8	OZ	04/21/2015
0001332913		100% SILICONE SEALANT	9.8	oz	04/21/2015
0001332914		100% SILICONE SEALANT	9.8	oz	04/21/2015
0001332900		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473	ml	04/21/2015
0001339956		FORMULA 314-T	50	lb	04/21/2015
0001311097		PVC PLASTIC PIPE CEMENT	1	qt	04/21/2015
0001332894		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473	ml	04/21/2015
0001311090		PURPLE PRIMER FOR CPVC OR PVC	1	qt	04/21/2015
0001332868		TOTAL CHLORIEN BUFFER SOLUTION	473	ml	04/21/2015
0001332879		TOTAL CHLORIEN BUFFER SOLUTION	473	ml	04/21/2015
0001311091		PURPLE PRIMER FOR CPVC OR PVC	1	qt	04/21/2015
0001339967	7647-01-0	HYDROCHLORIC ACID TRACE METAL-35%	500	ml	04/21/2015
0001311098		PVC PLASTIC PIPE CEMENT	1	qt	04/21/2015
0001339968	7647-01-0	HYDROCHLORIC ACID TRACE METAL-35%	500	ml	04/21/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001332862		TOTAL CHLORIEN BUFFER SOLUTION	473	ml	04/21/2015
0001332863		TOTAL CHLORIEN BUFFER SOLUTION	473	ml	04/21/2015
0001332864		TOTAL CHLORIEN BUFFER SOLUTION	473	ml	04/21/2015
0001332865		TOTAL CHLORIEN BUFFER SOLUTION	473	ml	04/21/2015
0001332878		TOTAL CHLORIEN BUFFER SOLUTION	473	ml	04/21/2015
0001332867		TOTAL CHLORIEN BUFFER SOLUTION	473	ml	04/21/2015
0001311089		PURPLE PRIMER FOR CPVC OR PVC	1	qt	04/21/2015
0001339969	7647-01-0	HYDROCHLORIC ACID TRACE METAL-35%	500	ml	04/21/2015
0001332899		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473	ml	04/21/2015
0001332869		TOTAL CHLORIEN BUFFER SOLUTION	473	ml	04/21/2015
0001332870		TOTAL CHLORIEN BUFFER SOLUTION	473	ml	04/21/2015
0001332871		TOTAL CHLORIEN BUFFER SOLUTION	473	ml	04/21/2015
0001332872		TOTAL CHLORIEN BUFFER SOLUTION	473	ml	04/21/2015
0001332873		TOTAL CHLORIEN BUFFER SOLUTION	473	ml	04/21/2015
0001332874		TOTAL CHLORIEN BUFFER SOLUTION	473	ml	04/21/2015
0001332875		TOTAL CHLORIEN BUFFER SOLUTION	473	ml	04/21/2015
0001311092		PURPLE PRIMER FOR CPVC OR PVC	1	qt	04/21/2015
0001332876		TOTAL CHLORIEN BUFFER SOLUTION	473	ml	04/21/2015
0001332877		TOTAL CHLORIEN BUFFER SOLUTION	473	ml	04/21/2015
0001332866		TOTAL CHLORIEN BUFFER SOLUTION	473	ml	04/21/2015
0001332883		TOTAL CHLORIEN BUFFER SOLUTION	473	ml	04/21/2015
0001311096 0001311104		PVC PLASTIC PIPE CEMENT PVC PLASTIC PIPE CEMENT		qt qt	04/21/2015 04/21/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001311095		PVC PLASTIC PIPE CEMENT		qt	04/21/2015
0001311094		PVC PLASTIC PIPE CEMENT		qt	04/21/2015
0001311093		PVC PLASTIC PIPE CEMENT	1	qt	04/21/2015
0001332892		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473	ml	04/21/2015
0001311081		PURPLE PRIMER FOR CPVC OR PVC	1	qt	04/21/2015
0001311082		PURPLE PRIMER FOR CPVC OR PVC	1	qt	04/21/2015
0001311083		PURPLE PRIMER FOR CPVC OR PVC	1	qt	04/21/2015
0001332898		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473	ml	04/21/2015
0001332861		BLACK JACK ROOF GARD 700	5	gal	04/21/2015
0001332897		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473	ml	04/21/2015
0001332895		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473	ml	04/21/2015
0001311102		PVC PLASTIC PIPE CEMENT	1	qt	04/21/2015
0001332880		TOTAL CHLORIEN BUFFER SOLUTION	473	ml	04/21/2015
0001311101		PVC PLASTIC PIPE CEMENT	1	qt	04/21/2015
0001332896		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473	ml	04/21/2015
0001311084		PURPLE PRIMER FOR CPVC OR PVC	1	qt	04/21/2015
0001311100		PVC PLASTIC PIPE CEMENT	1	qt	04/21/2015
0001332882		TOTAL CHLORIEN BUFFER SOLUTION	473	ml	04/21/2015
0001332881		TOTAL CHLORIEN BUFFER SOLUTION	473	ml	04/21/2015
0001311085		PURPLE PRIMER FOR CPVC OR PVC	1	qt	04/21/2015
0001311086		PURPLE PRIMER FOR CPVC OR PVC	1	qt	04/21/2015
0001311087		PURPLE PRIMER FOR CPVC OR PVC	1	qt	04/21/2015
0001311088		PURPLE PRIMER FOR CPVC OR PVC	1	qt	04/21/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001332853		BLACK JACK ROOF GARD 700	5	gal	04/21/2015
0001311099		PVC PLASTIC PIPE CEMENT	1	qt	04/21/2015
0001311103		PVC PLASTIC PIPE CEMENT	1	qt	04/21/2015
0001339984	7697-37-2	NITRIC ACID, TRACEMETAL	500	ml	04/21/2015
0001339986	7697-37-2	NITRIC ACID, TRACEMETAL	500		04/21/2015
0001339983	7697-37-2	NITRIC ACID, TRACEMETAL	500	ml	04/21/2015
0001339943	Multi	WD-40 Rust Release Specialist Penetrant Spray	11	oz	04/21/2015
0001339944	Multi	WD-40 Rust Release Specialist Penetrant Spray	11	oz	04/21/2015
0001339978	7697-37-2	NITRIC ACID, TRACEMETAL	500	ml	04/21/2015
0001339977	7697-37-2	NITRIC ACID, TRACEMETAL	500	ml	04/21/2015
0001332909		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473	ml	04/21/2015
0001332908		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473	ml	04/21/2015
0001332907		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473	ml	04/21/2015
0001339942	86508-42-1	FC-72 FLUORINERT BRAND ELECTRONIC LIQUID	1	gal	04/21/2015
0001339979	7697-37-2	NITRIC ACID, TRACEMETAL	500	ml	04/21/2015
0001339985	7697-37-2	NITRIC ACID, TRACEMETAL	500	ml	04/21/2015
0001339980	7697-37-2	NITRIC ACID, TRACEMETAL	500	ml	04/21/2015
0001339981	7697-37-2	NITRIC ACID, TRACEMETAL	500	ml	04/21/2015
0001339982	7697-37-2	NITRIC ACID, TRACEMETAL	500	ml	04/21/2015
0001381208		BEST LOOK SEMI GLOSS HOUSE AND TRIM	3.78	I	04/22/2015
0001361700	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	04/23/2015
0001340009	384835-51-2	18:1 Biotinyl Cap PE	100	gm	04/23/2015
0001311110		MOTOR OIL	1	qt	04/23/2015
0001311109		MOTOR OIL	1	qt	04/23/2015
0001311108		MOTOR OIL		qt	04/23/2015
0001340021		SPARKLE GLASS CLEANER	33.8		04/23/2015
0001340022		SPARKLE GLASS CLEANER	33.8		04/23/2015
0001361657	74-98-6	PROPANE		lb	04/23/2015
0001361656	74-98-6	PROPANE	33		04/23/2015
0001361699	7440-37-1	ARGON ULTRA HIGH PURITY	220		04/23/2015
0001361698	7440-37-1	ARGON ULTRA HIGH PURITY	220		04/23/2015
0001361628	7440-59-7	HELIUM	100		04/23/2015
0001361629	7440-59-7	HELIUM	100		04/23/2015
0001361630	7440-59-7	HELIUM	100	I	04/23/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001361631	7440-59-7	HELIUM	100	I	04/23/2015
0001361632	7440-59-7	HELIUM	100	I	04/23/2015
0001361633	7440-59-7	HELIUM	100	I	04/23/2015
0001361634	7440-59-7	HELIUM	100	I	04/23/2015
0001361635	7440-59-7	HELIUM	100	1	04/23/2015
0001361676	7440-59-7	HELIUM	220		04/23/2015
0001361726		ARGON 90% METHANE 10%	220		04/23/2015
0001361697	7440-37-1	ARGON ULTRA HIGH PURITY	220		04/23/2015
0001361727		ARGON 90% METHANE 10%	220		04/23/2015
0001311111		MOTOR OIL		qt	04/23/2015
0001311125		THREADLOCKER RED		ml	04/23/2015
0001361675	7440-59-7	HELIUM	220		04/23/2015
0001361725		ARGON 90% METHANE 10%	220		04/23/2015
0001311112		MOTOR OIL		qt	04/23/2015
0001340073	7647-14-5	SODIUM CHLORIDE	250		04/23/2015
0001340072	12125-02-9	AMMONIUM CHLORIDE		gm	04/23/2015
0001340071	694-53-1	PHENYLSILANE		gm	04/23/2015
0001361655	74-98-6	PROPANE	33		04/23/2015
0001361658	74-98-6	PROPANE	33		04/23/2015
0001292138		VALVOLINE DURABLEND	0.5		04/23/2015
0001340018		SPARKLE GLASS CLEANER	33.8		04/23/2015
0001361627	7440-59-7	HELIUM	100	I	04/23/2015
0001340017		O-Sorb Sentinel Passive Sampler for RDX	100	gm	04/23/2015
0001361684	7440-59-7	HELIUM	220	cf	04/23/2015
0001361648	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	04/23/2015
0001361649	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	04/23/2015
0001361693	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	04/23/2015
0001361694	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	04/23/2015
0001340006	75-05-8	ACETONITRILE ANHYDROUS	100	ml	04/23/2015
0001340016		O-Sorb Sentinel Passive Sampler for RDX	100	gm	04/23/2015
0001340074	1121-60-4	2-PYRIDINECARBOXALDEHYDE	25	gm	04/23/2015
0001292137		Lubriplate (white lithium grease)	14	OZ	04/23/2015
0001361645	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	04/23/2015
0001292139		VALVOLINE GEAR OIL	16	OZ	04/23/2015
0001311107		MOTOR OIL	1	qt	04/23/2015
0001311106		MOTOR OIL		qt	04/23/2015
0001340010	7681-52-9	SODIUM HYPOCHLORITE	500		04/23/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001340011		RHENIUM STANDARD	125	ml	04/23/2015
0001340013		O-Sorb Media	100	gm	04/23/2015
0001340014		O-Sorb Sentinel Passive Sampler for RDX	100	gm	04/23/2015
0001361668	124-38-9	CARBON DIOXIDE	220	cf	04/23/2015
0001361667	124-38-9	CARBON DIOXIDE	220		04/23/2015
0001361666	124-38-9	CARBON DIOXIDE	220	cf	04/23/2015
0001340015		O-Sorb Sentinel Passive Sampler for RDX	100	gm	04/23/2015
0001340069	9001-59-6	PYRUVATE KINASE TYPE VII FROM RABBIT MUSCLE	2.5	ugm	04/23/2015
0001340068	54010-75-2	ZINC TRIFLUOROMETHANE SULFONATE	10	gm	04/23/2015
0001361636	7440-59-7	HELIUM	250	1	04/23/2015
0001361637	7440-59-7	HELIUM	250	1	04/23/2015
0001361670		ARGON 25% IN HELIUM	220		04/23/2015
0001361671		ARGON 25% IN HELIUM	220		04/23/2015
0001361672		ARGON 25% IN HELIUM	220	cf	04/23/2015
0001361673		ARGON 25% IN HELIUM	220		04/23/2015
0001361674		ARGON 25% IN HELIUM	220		04/23/2015
0001361690	7440-37-1	ARGON ULTRA HIGH PURITY	220		04/23/2015
0001361691	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	04/23/2015
0001311105		MOTOR OIL	1	qt	04/23/2015
0001361647	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	04/23/2015
0001361646	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	04/23/2015
0001340070	4265-07-0	PHOSPHO(ENOL)PYRUVATE MONOPOTASSIUM SALT	250	mg	04/23/2015
0001361644	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	04/23/2015
0001311113		MOTOR OIL	1	qt	04/23/2015
0001311114		MOTOR OIL	1	qt	04/23/2015
0001311115		MOTOR OIL	1	qt	04/23/2015
0001361654	74-98-6	PROPANE	33	lb	04/23/2015
0001361653	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	04/23/2015
0001361652	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	04/23/2015
0001361651	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	04/23/2015
0001361650	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	04/23/2015
0001340023		SPARKLE GLASS CLEANER	33.8	OZ	04/23/2015
0001361692	7440-37-1	ARGON ULTRA HIGH PURITY	220		04/23/2015

Barcode	CAS#	Chemical Name	Container	Unit of	Date
Darcode	CAS #	Chemical Name	Size	Measure	Date
0001361729		ARGON 90% METHANE 10%	220		04/23/2015
0001361741		ARGON 90% METHANE 10%	220		04/23/2015
0001361707	7727-37-9	NITROGEN	220		04/23/2015
0001361708	7727-37-9	NITROGEN	220		04/23/2015
0001361709	7727-37-9	NITROGEN	220	cf	04/23/2015
0001361733		ARGON 90% METHANE 10%	220	cf	04/23/2015
0001361734		ARGON 90% METHANE 10%	220	cf	04/23/2015
0001361705	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	04/23/2015
0001361736		ARGON 90% METHANE 10%	220	cf	04/23/2015
0001361682	7440-59-7	HELIUM	220	cf	04/23/2015
0001311129		MOTOR OIL	1	qt	04/23/2015
0001311130		MOTOR OIL		qt	04/23/2015
0001361737		ARGON 90% METHANE 10%	220	•	04/23/2015
0001361738		ARGON 90% METHANE 10%	220	cf	04/23/2015
0001361739		ARGON 90% METHANE 10%	220		04/23/2015
0001361730		ARGON 90% METHANE 10%	220		04/23/2015
0001361735		ARGON 90% METHANE 10%	220		04/23/2015
0001361722		ARGON 90% METHANE 10%	220		04/23/2015
0001361731		ARGON 90% METHANE 10%	220		04/23/2015
0001361732		ARGON 90% METHANE 10%	220		04/23/2015
0001311120		ANTIFREEZE/COOLANT		gal	04/23/2015
0001311119		ANTIFREEZE/COOLANT		gal	04/23/2015
0001311118		ANTIFREEZE/COOLANT		gal	04/23/2015
0001311117		ANTIFREEZE/COOLANT		gal	04/23/2015
0001361706	7727-37-9	NITROGEN	220		04/23/2015
0001361723		ARGON 90% METHANE 10%	220		04/23/2015
0001361742		ARGON 90% METHANE 10%	220		04/23/2015
0001361721		ARGON 90% METHANE 10%	220		04/23/2015
0001361720		ARGON 90% METHANE 10%	220		04/23/2015
0001361719		ARGON 90% METHANE 10%	220		04/23/2015
0001361718		ARGON 90% METHANE 10%	220		04/23/2015
0001361626	7440-59-7	HELIUM	100		04/23/2015
0001340020		SPARKLE GLASS CLEANER	33.8		04/23/2015
0001361724		ARGON 90% METHANE 10%	220		04/23/2015
0001311134		CHAIN AND CABLE FLUID		OZ	04/23/2015
0001361740		ARGON 90% METHANE 10%	220		04/23/2015
0001339965	100-52-7	BENZALDEHYDE	100		04/23/2015
0001339894	10025-99-7	POTASSIUM TETRACHLOROPLATINATE(II)		gm	04/23/2015
0001339893	1	Roots ISO-VG 150	1	gal	04/23/2015
0001311139		ANTIFREEZE/COOLANT		gal	04/23/2015
0001311139	1	ANTIFREEZE/COOLANT		gal	04/23/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001340004	1070-89-9	SODIUM BIS(TRIMETHYLSILYL)AMIDE, 1.0M	100	gm	04/23/2015
0001311135		CHAIN AND CABLE FLUID	11	OZ	04/23/2015
0001340005	110-86-1	PYRIDINE (PYRIDINE, ANHYDROUS)	100	ml	04/23/2015
0001334917	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	04/23/2015
0001334916	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	04/23/2015
0001334915	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	04/23/2015
0001334914	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	04/23/2015
0001334913	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	04/23/2015
0001340007	13453-07-1	GOLD (III) CHLORIDE	5	gm	04/23/2015
0001311136		CHAIN AND CABLE FLUID		OZ	04/23/2015
0001361664	74-86-2	ACETYLENE	40	cf	04/23/2015
0001361743		ARGON 90% METHANE 10%	220	cf	04/23/2015
0001361744		ARGON 90% METHANE 10%	220		04/23/2015
0001361696	7440-37-1	ARGON ULTRA HIGH PURITY	220		04/23/2015
0001361695	7440-37-1	ARGON ULTRA HIGH PURITY	220		04/23/2015
0001361702	7727-37-9	NITROGEN	220		04/23/2015
0001361703	7727-37-9	NITROGEN	220		04/23/2015
0001340003	110-71-4	1,2-DIMETHOXYETHANE	1		04/23/2015
0001311116		MOTOR OIL	1	qt	04/23/2015
0001340019		SPARKLE GLASS CLEANER	33.8		04/23/2015
0001361665	74-86-2	ACETYLENE	40		04/23/2015
0001361728		ARGON 90% METHANE 10%	220		04/23/2015
0001292136		SHREDDER OIL		gal	04/23/2015
0001292135		SHREDDER OIL		pt	04/23/2015
0001292134		FANTASTIKE ALL PURPOSE CLEANER	1	qt	04/23/2015
0001340008		TE BUFFER	500	ml	04/23/2015
0001361704	7727-37-9	NITROGEN	220		04/23/2015
0001361638		Carbon Dioxide 40.8ppm in Nitrogen	150	cf	04/23/2015
0001361716	7727-37-9	NITROGEN	220	cf	04/23/2015
0001311124		THREADLOCKER RED		ml	04/23/2015
0001311123		THREADLOCKER RED		ml	04/23/2015
0001361711	7727-37-9	NITROGEN	220		04/23/2015
0001361710	7727-37-9	NITROGEN	220		04/23/2015
0001361643	1333-74-0	HYDROGEN ULTA HIGH PURITY	220		04/23/2015
0001361642	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	04/23/2015
0001361641	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	04/23/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001361640	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	04/23/2015
0001311138		ANTIFREEZE/COOLANT	1	gal	04/23/2015
0001340067	20710-47-8	iodomethane-13C,D3		gm	04/23/2015
0001361717		ARGON 90% METHANE 10%	220	cf	04/23/2015
0001361701	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	04/23/2015
0001311131		DIESEL EXHAUST FLUID	1	gal	04/23/2015
0001311137		ANTIFREEZE/COOLANT	1	gal	04/23/2015
0001361663	1333-74-0	HYDROGEN	20	cf	04/23/2015
0001311121		ANTIFREEZE/COOLANT	1	0	04/23/2015
0001361662	1333-74-0	HYDROGEN	20	cf	04/23/2015
0001361661	74-98-6	PROPANE	33	lb	04/23/2015
0001361660	74-98-6	PROPANE	33	lb	04/23/2015
0001361659	74-98-6	PROPANE	33	lb	04/23/2015
0001361639	1333-74-0	HYDROGEN ULTA HIGH PURITY	220	cf	04/23/2015
0001361620		CALIBRATION GAS	105	I	04/23/2015
0001361712	7727-37-9	NITROGEN	220	cf	04/23/2015
0001361713	7727-37-9	NITROGEN	220	cf	04/23/2015
0001361714	7727-37-9	NITROGEN	220	cf	04/23/2015
0001311122		ANTIFREEZE/COOLANT	1	gal	04/23/2015
0001361669		ARGON 25% IN HELIUM	220	cf	04/23/2015
0001361625	7440-59-7	HELIUM	100	I	04/23/2015
0001361624	115-11-7	ISOBUTYLENE 100PPM IN AIR	105	I	04/23/2015
0001361623		CALIBRATION GAS	105	I	04/23/2015
0001361715	7727-37-9	NITROGEN	220	cf	04/23/2015
0001361621		CALIBRATION GAS	105	1	04/23/2015
0001266434	13126-12-0	RUBIDIUM NITRATE	500	mg	04/23/2015
0001361681	7440-59-7	HELIUM	220		04/23/2015
0001361688	7440-59-7	HELIUM	220	cf	04/23/2015
0001361687	7440-59-7	HELIUM	220	cf	04/23/2015
0001361677	7440-59-7	HELIUM	220	cf	04/23/2015
0001361678	7440-59-7	HELIUM	220	cf	04/23/2015
0001361679	7440-59-7	HELIUM	220	cf	04/23/2015
0001361680	7440-59-7	HELIUM	220	cf	04/23/2015
0001361689	7440-59-7	HELIUM	220	cf	04/23/2015
0001361683	7440-59-7	HELIUM	220	cf	04/23/2015
0001361622		CALIBRATION GAS	105		04/23/2015
0001361685	7440-59-7	HELIUM	220	cf	04/23/2015
0001361686	7440-59-7	HELIUM	220	cf	04/23/2015
0001361767		ARGON 90% METHANE 10%	220	cf	04/23/2015
0001361757		ARGON 90% METHANE 10%	220	cf	04/23/2015
0001361758		ARGON 90% METHANE 10%	220	cf	04/23/2015
0001361759		ARGON 90% METHANE 10%	220	cf	04/23/2015

Barcode	CAS#	Chemical Name	Container	Unit of	Date
0001261760		ADCON 000/ NATTUANE 100/	Size	Measure	04/22/2015
0001361760 0001361761		ARGON 90% METHANE 10% ARGON 90% METHANE 10%	220 220		04/23/2015 04/23/2015
0001361761		ARGON 90% METHANE 10%	220		04/23/2015
0001361763		ARGON 90% METHANE 10%	220		04/23/2015
0001361764		ARGON 90% METHANE 10%	220		04/23/2015
0001361750		ARGON 90% METHANE 10%	220		04/23/2015
0001361766		ARGON 90% METHANE 10%	220		04/23/2015
0001361776		ARGON 90% METHANE 10%	220		04/23/2015
0001361783	1333-74-0	HYDROGEN	100		04/23/2015
0001266436	7647-17-8	CESIUM CHLORIDE	500	mg	04/23/2015
0001266432		Silver Sulfate Ag2(SO4)	500	mg	04/23/2015
0001311133		CARB AND CHOKE CLEANER	13	oz	04/23/2015
0001361749		ARGON 90% METHANE 10%	220	cf	04/23/2015
0001361765		ARGON 90% METHANE 10%	220	cf	04/23/2015
0001266437	92-52-4	BIPHENYL	500	mg	04/23/2015
0001311128		MOTOR OIL		qt	04/23/2015
0001311127		MOTOR OIL	1	qt	04/23/2015
0001311126		MOTOR OIL		qt	04/23/2015
0001361782	1333-74-0	HYDROGEN	100		04/23/2015
0001361781	1333-74-0	HYDROGEN	100		04/23/2015
0001361780	74-86-2	ACETYLENE	10		04/23/2015
0001361779	7727-37-9	NITROGEN	20		04/23/2015
0001361784	1333-74-0	HYDROGEN	100		04/23/2015
0001361777	7727-37-9	NITROGEN	20		04/23/2015
0001361771	CE 0E 0	ARGON 90% METHANE 10%	220		04/23/2015
0001266435 0001361788	65-85-0	BENZOIC ACID HELIUM	500 100	_	04/23/2015 04/23/2015
0001361788	7440-59-7 7440-59-7	HELIUM	100		04/23/2015
0001361787	7440-59-7	HELIUM	100		04/23/2015
0001361785	7440-59-7	HELIUM	100		04/23/2015
0001361763	7440 33 7	Barium Carbonate Ba(CO3)	500		04/23/2015
0001266135		ARGON 90% METHANE 10%	220		04/23/2015
0001361778	7727-37-9	NITROGEN	20		04/23/2015
0001361769		ARGON 90% METHANE 10%	220		04/23/2015
0001361774		ARGON 90% METHANE 10%	220		04/23/2015
0001361752		ARGON 90% METHANE 10%	220		04/23/2015
0001361751		ARGON 90% METHANE 10%	220	cf	04/23/2015
0001361745		ARGON 90% METHANE 10%	220	cf	04/23/2015
0001361746		ARGON 90% METHANE 10%	220	cf	04/23/2015
0001311132		CARB AND CHOKE CLEANER	13	OZ	04/23/2015
0001361748		ARGON 90% METHANE 10%	220	cf	04/23/2015
0001361768		ARGON 90% METHANE 10%	220		04/23/2015
0001361754		ARGON 90% METHANE 10%	220	cf	04/23/2015
0001361755		ARGON 90% METHANE 10%	220	cf	04/23/2015
0001361756		ARGON 90% METHANE 10%	220	cf	04/23/2015

Barcode	CAS#	Chemical Name	Container	Unit of	Date
0004364773		ADCON 000/ METHANE 400/	Size	Measure	04/22/2015
0001361773		ARGON 90% METHANE 10% ARGON 90% METHANE 10%	220 220		04/23/2015
0001361772 0001361753		ARGON 90% METHANE 10% ARGON 90% METHANE 10%	220		04/23/2015 04/23/2015
0001361733		ANTIFREEZE/COOLANT		gal	04/23/2015
0001311141		ARGON 90% METHANE 10%	220	_	04/23/2015
0001361770		ARGON 90% METHANE 10%	220		04/23/2015
0001301770		POWER STEERING FLUID		qt	04/24/2015
0001311159		POWER STEERING FLUID		qt	04/24/2015
0001311153		POWER STEERING FLUID		qt	04/24/2015
0001311161		POWER STEERING FLUID		qt	04/24/2015
0001311150		MULTI-PURPOSE GREASE	14.1		04/24/2015
0001311130		BRAKLEEN		OZ	04/24/2015
0001311142		MULTI-PURPOSE GREASE	14.1		04/24/2015
0001311143		MULTI-PURPOSE GREASE	14.1		04/24/2015
0001311144		MULTI-PURPOSE GREASE	14.1		04/24/2015
0001311145		MULTI-PURPOSE GREASE	14.1		04/24/2015
0001311146		MULTI-PURPOSE GREASE	14.1		04/24/2015
0001332921		BROMICIDE TABLETS	50		04/24/2015
0001311148		MULTI-PURPOSE GREASE	14.1		04/24/2015
0001311149		MULTI-PURPOSE GREASE	14.1		04/24/2015
		ATF DEX/MERC AUTOMATIC			04/24/2015
0001311168		TRANSMISSION FLUID	1	qt	
0001332918		BROMICIDE TABLETS	50	lb	04/24/2015
0001332919		BROMICIDE TABLETS	50	lb	04/24/2015
0001311155		POWER STEERING FLUID	1	qt	04/24/2015
0001311156		POWER STEERING FLUID	1	qt	04/24/2015
0001311157		POWER STEERING FLUID	1	qt	04/24/2015
0001311166		ATF DEX/MERC AUTOMATIC	1	at	04/24/2015
0001311100		TRANSMISSION FLUID	1	qt	04/24/2013
0001311167		ATF DEX/MERC AUTOMATIC	1	qt	04/24/2015
0001311107		TRANSMISSION FLUID	1	Ч	04/24/2013
0001311147		MULTI-PURPOSE GREASE	14.1	OZ	04/24/2015
0001311209		ENGINE OIL	1	gal	04/24/2015
0001311179		MOTOR OIL	1	qt	04/24/2015
0001311180		MOTOR OIL	1	qt	04/24/2015
0001311181		MOTOR OIL	1	qt	04/24/2015
0001311182		MOTOR OIL	1	qt	04/24/2015
0001311218		DIESEL FUEL SUPPLEMENT	32	OZ	04/24/2015
0001311219		WD-40 NON-AEROSOL		OZ	04/24/2015
0001332929		BROMICIDE TABLETS	50		04/24/2015
0001332920		BROMICIDE TABLETS	50		04/24/2015
0001311210		ENGINE OIL		gal	04/24/2015
0001311176		MOTOR OIL		qt	04/24/2015
0001311208		ENGINE OIL		gal	04/24/2015
0001311207		ENGINE OIL	1	gal	04/24/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001332930		BROMICIDE TABLETS	50	lb	04/24/2015
0001332931		BROMICIDE TABLETS	50	lb	04/24/2015
0001332932		BROMICIDE TABLETS	50	lb	04/24/2015
0001332933		BROMICIDE TABLETS	50	lb	04/24/2015
0001332934		BROMICIDE TABLETS	50	lb	04/24/2015
0001332935		BROMICIDE TABLETS	50	lb	04/24/2015
0001311151		FUEL STABILIZER	8	oz	04/24/2015
0001332926		BROMICIDE TABLETS	50	lb	04/24/2015
0001311220		WD-40 NON-AEROSOL	20	oz	04/24/2015
0001332936		BROMICIDE TABLETS	50	lb	04/24/2015
0001311169		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	04/24/2015
0001332922		BROMICIDE TABLETS	50	lb	04/24/2015
0001332923		BROMICIDE TABLETS	50	lb	04/24/2015
0001332924		BROMICIDE TABLETS	50	lb	04/24/2015
0001311152		FUEL STABILIZER	8	oz	04/24/2015
0001311153		FUEL STABILIZER	8	oz	04/24/2015
0001311178		MOTOR OIL	1	qt	04/24/2015
0001332925		BROMICIDE TABLETS	50	lb	04/24/2015
0001311177		MOTOR OIL	1	qt	04/24/2015
0001311170		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	04/24/2015
0001311171		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	04/24/2015
0001311172		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	04/24/2015
0001311173		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	04/24/2015
0001311174		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	04/24/2015
0001332927		BROMICIDE TABLETS	50	lb	04/24/2015
0001332928		BROMICIDE TABLETS	50	lb	04/24/2015
0001332917		BROMICIDE TABLETS	50	lb	04/24/2015
0001311154		FUEL STABILIZER	8	oz	04/24/2015
0001311190		ENGINE OIL	1	gal	04/24/2015
0001311195		ENGINE OIL	1	gal	04/24/2015
0001311194		ENGINE OIL	1	gal	04/24/2015
0001311193		ENGINE OIL	1	gal	04/24/2015
0001311192		ENGINE OIL	1	gal	04/24/2015
0001311191		ENGINE OIL	1	gal	04/24/2015
0001311164		GEAR OIL 80-90	1	qt	04/24/2015
0001311235		WINDSHIELD WASHER FLUID	1	gal	04/24/2015
0001311204		ENGINE OIL	1	gal	04/24/2015
0001311221		BRAKLEEN		OZ	04/24/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001311223		BRAKLEEN	14	OZ	04/24/2015
0001311205		ENGINE OIL	1	gal	04/24/2015
0001311202		ENGINE OIL	1	gal	04/24/2015
0001311165		GEAR OIL 80-90	1	qt	04/24/2015
0001311183		ENGINE OIL		gal	04/24/2015
0001311184		ENGINE OIL		gal	04/24/2015
0001311185		ENGINE OIL		gal	04/24/2015
0001311186		ENGINE OIL	1	gal	04/24/2015
0001311232		WINDSHIELD WASHER FLUID	1	gal	04/24/2015
0001311189		ENGINE OIL	1	gal	04/24/2015
0001311188		ENGINE OIL	1	gal	04/24/2015
0001311187		ENGINE OIL	1	gal	04/24/2015
0001311233		WINDSHIELD WASHER FLUID	1	gal	04/24/2015
0001311234		WINDSHIELD WASHER FLUID	1	gal	04/24/2015
0001311203		ENGINE OIL	1	gal	04/24/2015
0001311226		WINDSHIELD WASHER FLUID	1	gal	04/24/2015
0001311198		ENGINE OIL	1	gal	04/24/2015
0001311199		ENGINE OIL		gal	04/24/2015
0001311200		ENGINE OIL		gal	04/24/2015
0001311217		AIR TOOL OIL	15	oz	04/24/2015
0001311197		ENGINE OIL	1	gal	04/24/2015
0001311227		WINDSHIELD WASHER FLUID	1	gal	04/24/2015
0001311206		ENGINE OIL	1	gal	04/24/2015
0001311201		ENGINE OIL		gal	04/24/2015
0001311224		BRAKLEEN		OZ	04/24/2015
0001311222		BRAKLEEN	14	OZ	04/24/2015
0001311196		ENGINE OIL	1	gal	04/24/2015
0001311229		WINDSHIELD WASHER FLUID	1	gal	04/24/2015
0001311230		WINDSHIELD WASHER FLUID	1	gal	04/24/2015
0001311231		WINDSHIELD WASHER FLUID	1	gal	04/24/2015
0001311228		WINDSHIELD WASHER FLUID	1	gal	04/24/2015
0001311163		GEAR OIL 80-90	1	qt	04/24/2015
0001311162		GEAR OIL 80-90		qt	04/24/2015
0001311175		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID		qt	04/24/2015
0001340255	13494-80-9	TELLURIUM	25	gm	04/25/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001340132		FANTASTIKE ALL PURPOSE CLEANER	32	oz	04/27/2015
0001340131		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340111		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340094	108-88-3	TOLUENE	4	I	04/27/2015
0001340133		FANTASTIKE ALL PURPOSE CLEANER	32	oz	04/27/2015
0001340092	7647-01-0	HYDROCHLORIC ACID TRACE METAL-35%	500	ml	04/27/2015
0001340134		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340093	108-88-3	TOLUENE	4	I	04/27/2015
0001340213		FANTASTIKE ALL PURPOSE CLEANER	32	oz	04/27/2015
0001340154		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340155		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340153		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340033	7697-37-2	NITRIC ACID OPTIMA	500	ml	04/27/2015
0001340156		FANTASTIKE ALL PURPOSE CLEANER	32	oz	04/27/2015
0001340157		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340158		FANTASTIKE ALL PURPOSE CLEANER	32	oz	04/27/2015
0001340095		Formamidinium iodide	10	gm	04/27/2015
0001340151		FANTASTIKE ALL PURPOSE CLEANER	32	oz	04/27/2015
0001340029		ARATHANE 5750-A/B	920	gm	04/27/2015
0001340160		FANTASTIKE ALL PURPOSE CLEANER	32	oz	04/27/2015
0001340212		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340161		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340200		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340135		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340096	14965-49-2	Methylammonium iodide	50	gm	04/27/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001340152		FANTASTIKE ALL PURPOSE CLEANER	32	oz	04/27/2015
0001340159		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340187		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340112		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340113		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340114		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340115		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340116		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340117		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340118		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340035	7697-37-2	NITRIC ACID OPTIMA	500	ml	04/27/2015
0001340188		FANTASTIKE ALL PURPOSE CLEANER	32	oz	04/27/2015
0001340079	302-01-2	HYDRAZINE, ANHYDROUS	100	gm	04/27/2015
0001340186		FANTASTIKE ALL PURPOSE CLEANER	32	oz	04/27/2015
0001340024	7697-37-2	NITRIC ACID OPTIMA	2	l	04/27/2015
0001340025	593-84-0	RNeasy MinElute Cleanup Kit	2	ml	04/27/2015
0001340026	593-84-0	RNeasy MinElute Cleanup Kit	2	ml	04/27/2015
0001340028	109-99-9	TETRAHYDROFURAN	1	I	04/27/2015
0001340030	7697-37-2	NITRIC ACID OPTIMA	500	ml	04/27/2015
0001340119		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340189		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340190		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340198		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340197		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340196		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001340195		FANTASTIKE ALL PURPOSE CLEANER	32	oz	04/27/2015
0001340075	10361-92-9	YTTRIUM(III) CHLORIDE ANHYDROUS	25	gm	04/27/2015
0001340194		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340193		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340083	7647-01-0	HYDROCHLORIC ACID TRACE METAL-35%	500	ml	04/27/2015
0001340191		FANTASTIKE ALL PURPOSE CLEANER	32	oz	04/27/2015
0001340082	67-63-0	2-PROPANOL	4	I	04/27/2015
0001340202		FANTASTIKE ALL PURPOSE CLEANER	32	oz	04/27/2015
0001340034	7697-37-2	NITRIC ACID OPTIMA	500	ml	04/27/2015
0001340203		FANTASTIKE ALL PURPOSE CLEANER		oz	04/27/2015
0001340032	7697-37-2	NITRIC ACID OPTIMA	500	ml	04/27/2015
0001340031	7697-37-2	NITRIC ACID OPTIMA	500		04/27/2015
0001340077		NIOBIUM POWDER	500	ml	04/27/2015
0001340078	769-92-6	4-tert-Butylaniline	2.5	ml	04/27/2015
0001340199		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340192		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340221		FANTASTIKE ALL PURPOSE CLEANER	32	oz	04/27/2015
0001340123		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340141		FANTASTIKE ALL PURPOSE CLEANER	32	oz	04/27/2015
0001340140		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340139		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340138		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340137		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340201		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340143		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001340084	7647-01-0	HYDROCHLORIC ACID TRACE METAL-35%	500	ml	04/27/2015
0001340144		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340085	7647-01-0	HYDROCHLORIC ACID TRACE METAL-35%	500	ml	04/27/2015
0001340120		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340220		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340219		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340218		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340086	7647-01-0	HYDROCHLORIC ACID TRACE METAL-35%	500	ml	04/27/2015
0001340121		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340122		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340080	302-01-2	HYDRAZINE, ANHYDROUS	100	gm	04/27/2015
0001340149		FANTASTIKE ALL PURPOSE CLEANER		OZ	04/27/2015
0001340230		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340229		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340228		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340227		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340226		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340225		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340224		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340142		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340150		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340081	67-63-0	2-PROPANOL	4	I _	04/27/2015
0001340148		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001340147		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340146		FANTASTIKE ALL PURPOSE CLEANER	32	oz	04/27/2015
0001340038		CSM-2 DEGREASER	20	OZ	04/27/2015
0001340037		CSM-2 DEGREASER	20	oz	04/27/2015
0001340036		CSM-2 DEGREASER	20	OZ	04/27/2015
0001340222		FANTASTIKE ALL PURPOSE CLEANER	32	oz	04/27/2015
0001340145		FANTASTIKE ALL PURPOSE CLEANER	32	oz	04/27/2015
0001340223		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340211		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001334928	1310-73-2	Sodium Hydroxide 25%	3400	lb	04/27/2015
0001340091	7647-01-0	HYDROCHLORIC ACID TRACE METAL-35%	500	ml	04/27/2015
0001340214		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340215		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001334927	1310-73-2	Sodium Hydroxide 25%	3400	lb	04/27/2015
0001340185		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340184		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340216		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001334929	1310-73-2	Sodium Hydroxide 25%	3400	lb	04/27/2015
0001340124		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001334926	1310-73-2	Sodium Hydroxide 25%	3400	lb	04/27/2015
0001340136		FANTASTIKE ALL PURPOSE CLEANER	32	oz	04/27/2015
0001340210		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340209		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340208		FANTASTIKE ALL PURPOSE CLEANER	32	oz	04/27/2015
0001340207		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340206		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001340205		FANTASTIKE ALL PURPOSE CLEANER	32	oz	04/27/2015
0001340204		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340217		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340129		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001334930	1310-73-2	Sodium Hydroxide 25%	3400	lb	04/27/2015
0001340126		FANTASTIKE ALL PURPOSE CLEANER	32	oz	04/27/2015
0001340127		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340128		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340125		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340130		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340087	7647-01-0	HYDROCHLORIC ACID TRACE METAL-35%	500	ml	04/27/2015
0001340088	7647-01-0	HYDROCHLORIC ACID TRACE METAL-35%	500	ml	04/27/2015
0001340089	7647-01-0	HYDROCHLORIC ACID TRACE METAL-35%	500	ml	04/27/2015
0001340090	7647-01-0	HYDROCHLORIC ACID TRACE METAL-35%	500	ml	04/27/2015
0001340178		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340076		NIOBIUM POWDER	500	ml	04/27/2015
0001340162		FANTASTIKE ALL PURPOSE CLEANER	32	oz	04/27/2015
0001340027	71-36-3	1-BUTANOL	1	I	04/27/2015
0001340170		FANTASTIKE ALL PURPOSE CLEANER	32	oz	04/27/2015
0001340165		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340166		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340167		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340183		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340182		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001340181		FANTASTIKE ALL PURPOSE CLEANER	32	oz	04/27/2015
0001340180		FANTASTIKE ALL PURPOSE CLEANER	32	oz	04/27/2015
0001340179		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340176		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340169		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340177		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340171		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340172		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340173		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340163		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340174		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340164		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340175		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	04/27/2015
0001340168		FANTASTIKE ALL PURPOSE CLEANER	32	oz	04/27/2015
0001340107	1141-59-9	4-(2-PYRIDYLAZO)RESORCINOL	25	gm	04/28/2015
0001340247		ORION 94 SERIES IONIC STRENGTH ADJUSTOR (5M SODIUM NITRATE)	475	ml	04/28/2015
0001340106		CLEANER CONTREX CONCENTRATED ALKALINE CLEANER	10	qt	04/28/2015
0001334920		AEON PD	14	OZ	04/28/2015
0001340249	12060-08-1	SCANDIUM(III) OXIDE	5	gm	04/28/2015
0001004889	108-88-3	DAS Curb Marker Adhesive		OZ	04/28/2015
0001340246	7647-15-6	BROMIDE STANDARD (0.1 M)	475	ml	04/28/2015
0001340108	75-52-5	NITROMETHANE	100	ml	04/28/2015
0001340248	1309-48-4	MAGNESIUM OXIDE	5	gal	04/28/2015
0001340250	1633-05-2	STRONTIUM CARBONATE	10	gm	04/28/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001340109	23978-09-8	4,7,13,16,21,24-HEXAOXA-1,10- DIAZABICYCLO[8.8.8]HEXACOSANE	1	gm	04/28/2015
0001340104		HiPur Denatured Ethanol	5	gal	04/28/2015
0001381395		GLASS CLEANER	1	qt	04/28/2015
0001340241	630-10-4	SELENOUREA	5	gm	04/28/2015
0001381396		EMEREL MULTI-SURFACE CREAM CLEANSER	1	qt	04/28/2015
0001340103		Acetamidinium iodide	5	gm	04/28/2015
0001340105		HiPur Denatured Ethanol		gal	04/28/2015
0001340251	584-08-7	POTASSIUM CARBONATE	50	gm	04/28/2015
0001340244		DET-O-JET DETERGENT		qt	04/28/2015
0001340097	19227-70-4	Guanidinium iodide	5	gm	04/28/2015
0001381394		CMP ELITE Z PUMP FLUID		qt	04/28/2015
0001328316		ACTIVATED CARBON		lb	04/28/2015
0001004886	108-88-3	DAS Curb Marker Adhesive		OZ	04/28/2015
0001004890	108-88-3	DAS Curb Marker Adhesive	5		04/28/2015
0001004891	108-88-3	DAS Curb Marker Adhesive		OZ	04/28/2015
0001334918		AEON PD	1	qt	04/28/2015
0001340245		CITRANOX ACID CLEANER LIQUID DETERGENT	1	gal	04/28/2015
0001340102		18NR-AO Active Opaque Titania Paste	10	gm	04/28/2015
0001340243	7101-31-7	DIMETHYL DISELENIDE	1	gm	04/28/2015
0001340242	3425-46-5	POTASSIUM SELENOCYANATE	50	gm	04/28/2015
0001340240	630-10-4	SELENOUREA	5	gm	04/28/2015
0001381400		GLASS AND MULTI-SURFACE CLEANER		qt	04/28/2015
0001340098	68007-08-9	Imidazolium iodide	5	gm	04/28/2015
0001004887	108-88-3	DAS Curb Marker Adhesive		OZ	04/28/2015
0001004888	108-88-3	DAS Curb Marker Adhesive	5	OZ	04/28/2015
0001004892	108-88-3	DAS Curb Marker Adhesive	5	OZ	04/28/2015
0001340238	1513-65-1	2,6-Difluoropyridine	100	gm	04/28/2015
0001340257	64742-65-0	CMP 20 Vacuum Pump Fluid	1	gal	04/28/2015
0001340256	67-63-0	2-PROPANOL	4	I	04/28/2015
0001340254		AquaPhoenix Adenosine Triphosphate	1	gm	04/28/2015
0001340253	7446-70-0	ALUMINUM CHLORIDE, ANHYDROUS	1	kg	04/28/2015
0001340252	1700-10-3	1,3-Cyclooctadiene	25	gm	04/28/2015
0001334923		AEON PD		OZ	04/28/2015
0001334922		AEON PD		OZ	04/28/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001328319		ACTIVATED CARBON	3	lb	04/28/2015
0001340239	1513-65-1	2,6-Difluoropyridine	100	-	04/28/2015
0001328314		ACTIVATED CARBON		lb	04/28/2015
0001328327		ACTIVATED CARBON		lb	04/28/2015
0001328326		ACTIVATED CARBON		lb	04/28/2015
0001328325		ACTIVATED CARBON		lb	04/28/2015
0001328324		ACTIVATED CARBON		lb	04/28/2015
0001328323		ACTIVATED CARBON		lb	04/28/2015
0001328322		ACTIVATED CARBON		lb	04/28/2015
0001328321		ACTIVATED CARBON		lb	04/28/2015
0001328320		ACTIVATED CARBON	3	lb	04/28/2015
0001334921		AEON PD	14	oz	04/28/2015
0001332952		TFE (TEFLON) ANTI-SEIZE THREAD SEALING COMPPOUND	0.5	pt	04/28/2015
0001334919		AEON PD	1	qt	04/28/2015
0001381392		CMP ELITE Z PUMP FLUID	1	qt	04/28/2015
0001381391		732 SEALANT	139	ml	04/28/2015
0001381388		ANTI-BACTERIAL FANTASTIC	1	qt	04/28/2015
0001340258	64742-65-0	CMP 20 Vacuum Pump Fluid	1	gal	04/28/2015
0001332947		TFE (TEFLON) ANTI-SEIZE THREAD SEALING COMPPOUND	0.5	pt	04/28/2015
0001332948		TFE (TEFLON) ANTI-SEIZE THREAD SEALING COMPPOUND	0.5	pt	04/28/2015
0001332949		TFE (TEFLON) ANTI-SEIZE THREAD SEALING COMPPOUND	0.5	pt	04/28/2015
0001340110	25322-68-3	POLY(ETHYLENE OXIDE)	500	gm	04/28/2015
0001332951		TFE (TEFLON) ANTI-SEIZE THREAD SEALING COMPPOUND	0.5	pt	04/28/2015
0001381390		GLASS CLEANER	1	qt	04/28/2015
0001332953		TFE (TEFLON) ANTI-SEIZE THREAD SEALING COMPPOUND	0.5		04/28/2015
0001332954		TFE (TEFLON) ANTI-SEIZE THREAD SEALING COMPPOUND	0.5	pt	04/28/2015
0001332955		TFE (TEFLON) ANTI-SEIZE THREAD SEALING COMPPOUND	0.5	pt	04/28/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001332956		TFE (TEFLON) ANTI-SEIZE THREAD SEALING COMPPOUND	0.5	pt	04/28/2015
0001340101	19833-78-4	Dimethylammonium iodide	5	gm	04/28/2015
0001381398		GLASS AND MULTI-SURFACE CLEANER	1	qt	04/28/2015
0001381399		GLASS AND MULTI-SURFACE CLEANER	1	qt	04/28/2015
0001381393		CMP ELITE Z PUMP FLUID	1	qt	04/28/2015
0001332950		TFE (TEFLON) ANTI-SEIZE THREAD SEALING COMPPOUND	0.5	pt	04/28/2015
0001340234	7439-95-4	MAGNESIUM METAL PIECES	25	gm	04/28/2015
0001340233	7439-95-4	MAGNESIUM METAL PIECES	25	gm	04/28/2015
0001340232		COPPER CATALYST	+	kg	04/28/2015
0001340231		COPPER CATALYST		kg	04/28/2015
0001381389		3 IN 1 HOUSEHOLD OIL		OZ	04/28/2015
0001381397		GLASS KLEEN		qt	04/28/2015
0001328318		ACTIVATED CARBON		lb	04/28/2015
0001340235	16219-75-3	5-Ethylidene-2-norbornene	500		04/28/2015
0001340236	16219-75-3	5-Ethylidene-2-norbornene	500		04/28/2015
0001340237	7782-49-2	SELENIUM POWDER	+	gm	04/28/2015
0001144934		ACTIVATED CARBON		lb lb	04/28/2015
0001328313 0001328315		ACTIVATED CARBON ACTIVATED CARBON		lb	04/28/2015 04/28/2015
0001328313		ACTIVATED CARBON		lb	04/28/2015
0001328317	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5		04/28/2015
0001340287	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015
0001340288	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015
0001340285	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015
0001340289	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015
0001340286	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	l	04/29/2015
0001340291	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015
0001340292	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	l	04/29/2015
0001340293	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001340294	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015
0001340284	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015
0001340268	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015
0001340269	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015
0001340270	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015
0001340271	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015
0001340263	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015
0001340295	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015
0001333131		100% SILICONE RUBBER SEALANT	10	OZ	04/29/2015
0001340265	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015
0001340264	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015
0001340266	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015
0001340267	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015
0001333160		100% SILICONE RUBBER SEALANT	10	OZ	04/29/2015
0001332977		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001332976		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001333134		100% SILICONE RUBBER SEALANT	10	OZ	04/29/2015
0001333126		100% SILICONE RUBBER SEALANT	10	OZ	04/29/2015
0001333132		100% SILICONE RUBBER SEALANT	10	OZ	04/29/2015
0001340283	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015
0001333130		100% SILICONE RUBBER SEALANT	10	OZ	04/29/2015
0001333129		100% SILICONE RUBBER SEALANT	10	OZ	04/29/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001333128		100% SILICONE RUBBER SEALANT	10	oz	04/29/2015
0001340275	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	l	04/29/2015
0001333127		100% SILICONE RUBBER SEALANT	10	oz	04/29/2015
0001340262	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015
0001340281	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015
0001340282	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015
0001333133		100% SILICONE RUBBER SEALANT	10	oz	04/29/2015
0001333109		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001332983		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001332984		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001340354		DEFOAMER	1	gm	04/29/2015
0001333103		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333104		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333105		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333106		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001332987		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001333108		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001332995		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001340353		DEFOAMER	1	gm	04/29/2015
0001332985		FANTASTIK ALL PURPOSE CLEANER		qt	04/29/2015
0001332992		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001332991		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001332986		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001333110		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001332978		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001333107		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001332974		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001340260	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015
0001340259	6485-79-6	TRIISOPROPYLSILANE	250	gm	04/29/2015
0001332990		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001332989		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001332988		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001332975		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001340274	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015
0001332993		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001340272	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015
0001332994		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001332973		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001332972		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001332979		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001332980		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001332981		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001332982		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001332996		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001340261	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015
0001340273	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001340374	110-71-4	1,2-DIMETHOXYETHANE	1200	ml	04/29/2015
0001333098		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001340369	110-71-4	1,2-DIMETHOXYETHANE	1200	ml	04/29/2015
0001340370	110-71-4	1,2-DIMETHOXYETHANE	1200		04/29/2015
0001340371	110-71-4	1,2-DIMETHOXYETHANE	1200	ml	04/29/2015
0001333022		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001340367	110-71-4	1,2-DIMETHOXYETHANE	1200	ml	04/29/2015
0001340373	110-71-4	1,2-DIMETHOXYETHANE	1200	ml	04/29/2015
0001340366	110-71-4	1,2-DIMETHOXYETHANE	1200	ml	04/29/2015
0001340375	110-71-4	1,2-DIMETHOXYETHANE	1200	ml	04/29/2015
0001333084		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333102		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333101		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333100		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333012		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001340372	110-71-4	1,2-DIMETHOXYETHANE	1200	ml	04/29/2015
0001333115		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001340364	110-71-4	1,2-DIMETHOXYETHANE	1200	ml	04/29/2015
0001340377	63148-62-9	PURE SILICONE FLUID	1	gal	04/29/2015
0001340378	63148-62-9	PURE SILICONE FLUID	1	gal	04/29/2015
0001332959		ARDEX FEATHER FINISH	10	lb	04/29/2015
0001332960		ARDEX FEATHER FINISH	10	lb	04/29/2015
0001340368	110-71-4	1,2-DIMETHOXYETHANE	1200	ml	04/29/2015
0001340361	123333-85-7	Lithium thiocyanate hydrate	50	gm	04/29/2015
0001333097		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333114		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333113		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333112		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333111		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001340362	326-91-0	2-Thenoyltrifluoroacetone	25	gm	04/29/2015
0001340365	110-71-4	1,2-DIMETHOXYETHANE	1200		04/29/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001332847		ready mix concrete	60	lb	04/29/2015
0001333091		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333099		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001340329	7439-95-4	MAGNESIUM METAL PIECES	25	gm	04/29/2015
0001340330	7439-95-4	MAGNESIUM METAL PIECES	25	gm	04/29/2015
0001340331	7439-95-4	MAGNESIUM METAL PIECES		gm	04/29/2015
0001332848		ready mix concrete	60		04/29/2015
0001340327	7439-95-4	MAGNESIUM METAL PIECES	25	gm	04/29/2015
0001333092		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001340326	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	1	I	04/29/2015
0001333090		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333089		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333088		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333087		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333041		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001332957		ARDEX FEATHER FINISH	10	lb	04/29/2015
0001333093		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333003		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001333096		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333095		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333094		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333007		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001333006		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001340328	7439-95-4	MAGNESIUM METAL PIECES	25	gm	04/29/2015
0001333004		FANTASTIK ALL PURPOSE CLEANER		qt	04/29/2015
0001332851		ready mix concrete	60	lb	04/29/2015
0001333002		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001333001		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001333000		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001332999		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001332998		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001332997		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001333005		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001333020		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001340363	326-91-0	2-Thenoyltrifluoroacetone	25	gm	04/29/2015
0001340301	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5		04/29/2015
0001340302	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015
0001340303	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015
0001333017		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001340299	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015
0001333019		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001328935		M-BOND 610 ADHESIVE	1	OZ	04/29/2015
0001333021		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001333123		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001340304	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015
0001340305	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015
0001340306	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015
0001340307	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015
0001333018		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001328942		M-COAT C	1	OZ	04/29/2015
0001333011		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001333010		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001333009		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001333008		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001333124		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001340300	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015
0001332938		ready mix concrete	60	lb	04/29/2015
0001340310	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015
0001328937		M-BOND 610 ADHESIVE	1	OZ	04/29/2015
0001333013		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001333014		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001333015		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001333016		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001328936		M-BOND 610 ADHESIVE	1	OZ	04/29/2015
0001332958		ARDEX FEATHER FINISH	10	lb	04/29/2015
0001340277	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015
0001333121		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333120		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333119		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333125		100% SILICONE RUBBER SEALANT	10	OZ	04/29/2015
0001333117		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001340308	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015
0001340276	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015
0001340324	13769-20-5	EUROPIUM(II) CHLORIDE	1	gm	04/29/2015
0001340278	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5		04/29/2015
0001340279	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001340280	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015
0001332849		ready mix concrete	60	lb	04/29/2015
0001332850		ready mix concrete	60	lb	04/29/2015
0001333043		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001333116		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001340318	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015
0001332852		ready mix concrete	60	lb	04/29/2015
0001340311	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015
0001340312	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015
0001340313	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015
0001340314	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015
0001340315	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015
0001333122		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001340317	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015
0001340325	13769-20-5	EUROPIUM(II) CHLORIDE	1	gm	04/29/2015
0001340319	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015
0001340320	108-88-3	TOLUENE	1	I	04/29/2015
0001340321	108-88-3	TOLUENE	1	I	04/29/2015
0001340322	108-88-3	TOLUENE	1	I	04/29/2015
0001340323	108-88-3	TOLUENE	1	I	04/29/2015
0001340309	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015
0001340316	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015
0001332942		ready mix concrete	60	lb	04/29/2015
0001328927		M-PREP NEUTRALIZER 5A	25	OZ	04/29/2015
0001333144		100% SILICONE RUBBER SEALANT	10	OZ	04/29/2015
0001333145		100% SILICONE RUBBER SEALANT	10	OZ	04/29/2015
0001333063		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001333146		100% SILICONE RUBBER SEALANT	10	oz	04/29/2015
0001333147		100% SILICONE RUBBER SEALANT	10	OZ	04/29/2015
0001333148		100% SILICONE RUBBER SEALANT	10	OZ	04/29/2015
0001333149		100% SILICONE RUBBER SEALANT	10	OZ	04/29/2015
0001333150		100% SILICONE RUBBER SEALANT	10	OZ	04/29/2015
0001333151		100% SILICONE RUBBER SEALANT	10	OZ	04/29/2015
0001333152		100% SILICONE RUBBER SEALANT	10	OZ	04/29/2015
0001332939		ready mix concrete	60	lb	04/29/2015
0001333142		100% SILICONE RUBBER SEALANT	10	OZ	04/29/2015
0001332941		ready mix concrete	60	lb	04/29/2015
0001333141		100% SILICONE RUBBER SEALANT	10	oz	04/29/2015
0001332943		ready mix concrete	60	lb	04/29/2015
0001332944		ready mix concrete	60	lb	04/29/2015
0001332945		ready mix concrete	60	lb	04/29/2015
0001332946		ready mix concrete	60	lb	04/29/2015
0001333153		100% SILICONE RUBBER SEALANT	10	OZ	04/29/2015
0001333154		100% SILICONE RUBBER SEALANT	10	oz	04/29/2015
0001333155		100% SILICONE RUBBER SEALANT	10	OZ	04/29/2015
0001332971		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001333157		100% SILICONE RUBBER SEALANT	10	OZ	04/29/2015
0001333042		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001333159		100% SILICONE RUBBER SEALANT	10	OZ	04/29/2015
0001333061		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001328921		M-PREP CONDITIONER A	2	OZ	04/29/2015
0001332940		ready mix concrete	60	lb	04/29/2015
0001333071		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001340296	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015
0001340297	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015
0001340298	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5	I	04/29/2015
0001332970		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001332969		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001332968		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001332967		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001332966		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001332965		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001332964		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001333030		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001333029		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001333143		100% SILICONE RUBBER SEALANT	10	OZ	04/29/2015
0001333027		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001333062		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333070		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333069		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333068		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333067		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333066		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333065		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333135		100% SILICONE RUBBER SEALANT	10	OZ	04/29/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001333136		100% SILICONE RUBBER SEALANT	10	OZ	04/29/2015
0001333137		100% SILICONE RUBBER SEALANT	10	oz	04/29/2015
0001333138		100% SILICONE RUBBER SEALANT	10	OZ	04/29/2015
0001333064		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333139		100% SILICONE RUBBER SEALANT	10	OZ	04/29/2015
0001333140		100% SILICONE RUBBER SEALANT	10	OZ	04/29/2015
0001333028		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001333158		100% SILICONE RUBBER SEALANT	10	OZ	04/29/2015
0001340339	7439-95-4	MAGNESIUM METAL PIECES	25	gm	04/29/2015
0001340338	7439-95-4	MAGNESIUM METAL PIECES		gm	04/29/2015
0001340337	7439-95-4	MAGNESIUM METAL PIECES		gm	04/29/2015
0001328933		M-LINE ROSIN SOLVENT		oz	04/29/2015
0001340335	7439-95-4	MAGNESIUM METAL PIECES		gm	04/29/2015
0001333156		100% SILICONE RUBBER SEALANT		OZ	04/29/2015
0001340333	7439-95-4	MAGNESIUM METAL PIECES	25	gm	04/29/2015
0001340332	7439-95-4	MAGNESIUM METAL PIECES		gm	04/29/2015
0001333024		FANTASTIK ALL PURPOSE CLEANER		qt	04/29/2015
0001333023		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001332963		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001332962		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001340340	7439-95-4	MAGNESIUM METAL PIECES	25	gm	04/29/2015
0001333075		PREMIUM BLUE 15W40 DIESEL OIL		gal	04/29/2015
0001340336	7439-95-4	MAGNESIUM METAL PIECES	25	gm	04/29/2015
0001340376	63148-62-9	PURE SILICONE FLUID		gal	04/29/2015
0001333074		PREMIUM BLUE 15W40 DIESEL OIL		gal	04/29/2015
0001333073		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333072		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001333085		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333086		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333050		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333049		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333048		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333047		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333046		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333044		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001333045		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333059		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001328934		M-BOND 610 ADHESIVE	1	OZ	04/29/2015
0001328938		M-BOND 610 CURE	1	oz	04/29/2015
0001328939		M-BOND 610 CURE	1	oz	04/29/2015
0001328940		M-BOND 610 CURE	1	oz	04/29/2015
0001328941		M-BOND 610 CURE	1	oz	04/29/2015
0001340344	7439-95-4	MAGNESIUM METAL PIECES	25	gm	04/29/2015
0001340343	7439-95-4	MAGNESIUM METAL PIECES	25	gm	04/29/2015
0001340334	7439-95-4	MAGNESIUM METAL PIECES	25	gm	04/29/2015
0001333060		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333025		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001333058		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333057		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333056		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333055		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333076		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001340342	7439-95-4	MAGNESIUM METAL PIECES	25	gm	04/29/2015
0001333026		FANTASTIK ALL PURPOSE CLEANER		qt	04/29/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001333054		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333077		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001340341	7439-95-4	MAGNESIUM METAL PIECES	25	gm	04/29/2015
0001333078		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333079		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333081		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333082		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333083		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333051		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333052		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333053		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001333080		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	04/29/2015
0001328931		M-PREP NEUTRALIZER 5A	25	OZ	04/29/2015
0001340403		ULTIMA GOLD AB 2X5 LITERS	10	ı	04/29/2015
0001328932		M-PREP NEUTRALIZER 5A	25	OZ	04/29/2015
0001328930		M-PREP NEUTRALIZER 5A	25	OZ	04/29/2015
0001328928		M-PREP NEUTRALIZER 5A	25	OZ	04/29/2015
0001328926		M-PREP CONDITIONER A	2	OZ	04/29/2015
0001328925		M-PREP CONDITIONER A		OZ	04/29/2015
0001328924		M-PREP CONDITIONER A		OZ	04/29/2015
0001328923		M-PREP CONDITIONER A		OZ	04/29/2015
0001328922		M-PREP CONDITIONER A		OZ	04/29/2015
0001334932	7732-18-5	Hydrochloric Acid 30-31%	3000		04/29/2015
0001334931	7705-08-0	FERRIC CHLORIDE	3400	lb	04/29/2015
0001340407		ULTIMA GOLD AB 2X5 LITERS	10	I	04/29/2015
0001340406		ULTIMA GOLD AB 2X5 LITERS	10		04/29/2015
0001328929		M-PREP NEUTRALIZER 5A	25	OZ	04/29/2015
0001340404		ULTIMA GOLD AB 2X5 LITERS	10		04/29/2015
0001340345	652-31-3	2,3,4,5,6-Pentafluorobenzamide	5	gm	04/29/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001340402		ULTIMA GOLD AB 2X5 LITERS	10	I	04/29/2015
0001340401	67-63-0	ISOPROPYL ALCOHOL	5	gal	04/29/2015
0001340400	67-63-0	ISOPROPYL ALCOHOL		gal	04/29/2015
0001340399	67-63-0	ISOPROPYL ALCOHOL	5	gal	04/29/2015
0001340360	67-63-0	2-PROPANOL	4		04/29/2015
0001340359	67-63-0	2-PROPANOL	4	I	04/29/2015
0001340358	67-64-1	ACETONE REAGENT ACS	4	1	04/29/2015
0001340357	67-64-1	ACETONE REAGENT ACS	4	I	04/29/2015
0001340356	13813-23-5	PRASEODYMIUM(III) IODIDE	1	gm	04/29/2015
0001340355	13813-23-5	PRASEODYMIUM(III) IODIDE	1	gm	04/29/2015
0001340352	108-32-7	CYCLIC PROPYLENE CARBONATE	1000	gm	04/29/2015
0001340351	6108-23-2	Lithium formate monohydrate	50	gm	04/29/2015
0001340350	112-80-1	OLEIC ACID	1000	ml	04/29/2015
0001340405		ULTIMA GOLD AB 2X5 LITERS	10	ı	04/29/2015
0001333038		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001333031		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001333033		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001333034		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001333035		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001333037		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001333039		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001333040		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001333032		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001333036		FANTASTIK ALL PURPOSE CLEANER	1	qt	04/29/2015
0001340437	7664-93-9	SULFURIC ACID	2	I	04/30/2015
0001340445	7722-84-1	HYDROGEN PEROXIDE 30%	100		04/30/2015
0001340444	7722-84-1	HYDROGEN PEROXIDE 30%	100		04/30/2015
0001340443	7664-93-9	SULFURIC ACID	2	†	04/30/2015
0001340442	7664-93-9	SULFURIC ACID	2		04/30/2015
0001340441	7664-93-9	SULFURIC ACID	2	I	04/30/2015
0001340440	7664-93-9	SULFURIC ACID	2	I	04/30/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001340467		RAPAMYCIN	200		04/30/2015
0001340438	7664-93-9	SULFURIC ACID	2		04/30/2015
0001340436	7664-93-9	SULFURIC ACID	2		04/30/2015
0001340439	7664-93-9	SULFURIC ACID	2		04/30/2015
0001340416	2206-26-0	ACETONITRILE-D3		gm	04/30/2015
0001340464		TOSOH-ZIRCONIA	1	kg	04/30/2015
0001333170		100% SILICONE RUBBER SEALANT	10	oz	04/30/2015
0001333171		100% SILICONE RUBBER SEALANT	10	oz	04/30/2015
0001333172		100% SILICONE RUBBER SEALANT	10	OZ	04/30/2015
0001340421	67-68-5	DIMETHYL SULFOXIDE	50	gm	04/30/2015
0001340420	67-68-5	DIMETHYL SULFOXIDE	50	gm	04/30/2015
0001340419	67-68-5	DIMETHYL SULFOXIDE	50	gm	04/30/2015
0001333168		100% SILICONE RUBBER SEALANT	10	oz	04/30/2015
0001340417	1076-43-3	BENZENE D6	1	ml	04/30/2015
0001333167		100% SILICONE RUBBER SEALANT	10	oz	04/30/2015
0001340415	2206-26-0	ACETONITRILE-D3	1	gm	04/30/2015
0001340413	14965-49-2	Methanamine hydriodide		gm	04/30/2015
0001340412	14965-49-2	Methanamine hydriodide		gm	04/30/2015
0001340468	67-68-5	DIMETHYL SULFOXIDE	500	ml	04/30/2015
0001333189		PERMACRYL INTERIOR SEMI-GLOSS WHITE BASE	30.4	OZ	04/30/2015
0001340465		TOSOH-ZIRCONIA	1	kg	04/30/2015
0001340446	7722-84-1	HYDROGEN PEROXIDE 30%	100	ml	04/30/2015
0001340463		TOSOH-ZIRCONIA	1	kg	04/30/2015
0001340418	67-68-5	DIMETHYL SULFOXIDE	50	gm	04/30/2015
0001340432	50-81-7	L-ASCORBIC ACID	100	gm	04/30/2015
0001340423	872-50-4	1-METHYL-2-PYRROLIDINONE	1	I	04/30/2015
0001340424	1074-36-8	4-MERCAPTOBENZOIC ACID	5	gm	04/30/2015
0001340425	1074-36-8	4-MERCAPTOBENZOIC ACID	5	gm	04/30/2015
0001340426	6080-56-4	LEAD(II) ACETATE TRIHYDRATE	25	gm	04/30/2015
0001340427	1762-95-4	AMMONIUM THIOCYANATE	500	gm	04/30/2015
0001340428	50-81-7	L-ASCORBIC ACID	100	gm	04/30/2015
0001340429	50-81-7	L-ASCORBIC ACID	100	gm	04/30/2015
0001333169		100% SILICONE RUBBER SEALANT	10	OZ	04/30/2015
0001340431	50-81-7	L-ASCORBIC ACID	100	gm	04/30/2015
0001340383		iCAP Q Calibration Solution	250	-	04/30/2015
0001340433	50-81-7	L-ASCORBIC ACID	100	gm	04/30/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001332937		100% SILICONE RUBBER SEALANT	10	oz	04/30/2015
0001333161		100% SILICONE RUBBER SEALANT	10	OZ	04/30/2015
0001333162		100% SILICONE RUBBER SEALANT	10	OZ	04/30/2015
0001333163		100% SILICONE RUBBER SEALANT	10	OZ	04/30/2015
0001333164		100% SILICONE RUBBER SEALANT	10	OZ	04/30/2015
0001333165		100% SILICONE RUBBER SEALANT	10	OZ	04/30/2015
0001333166		100% SILICONE RUBBER SEALANT	10	OZ	04/30/2015
0001340430	50-81-7	L-ASCORBIC ACID	100	gm	04/30/2015
0001340557	7722-84-1	HYDROGEN PEROXIDE 30%	100		04/30/2015
0001340556	16219-75-3	5-Ethylidene-2-norbornene	500	ml	04/30/2015
0001340558	7722-84-1	HYDROGEN PEROXIDE 30%	100	ml	04/30/2015
0001340559	7722-84-1	HYDROGEN PEROXIDE 30%	100	ml	04/30/2015
0001340434	7664-93-9	SULFURIC ACID	2	I	04/30/2015
0001333186		100% SILICONE RUBBER SEALANT	10	oz	04/30/2015
0001333185		100% SILICONE RUBBER SEALANT	10	oz	04/30/2015
0001340560	7722-84-1	HYDROGEN PEROXIDE 30%	100	ml	04/30/2015
0001340385	594-61-6	2-HYDROXYISOBUTYRIC ACID	500	gm	04/30/2015
0001340562	7722-84-1	HYDROGEN PEROXIDE 30%	100	ml	04/30/2015
0001340553	16219-75-3	5-Ethylidene-2-norbornene	500	ml	04/30/2015
0001340470	69-52-3	AMPICILLIN SODIUM SALT	5	gm	04/30/2015
0001340466	82419-36-1	OFLOXACIN	1	gm	04/30/2015
0001340462	57-55-6	PROPYLENE GLYCOL	5	gal	04/30/2015
0001340387		SILICA STANDARD SOLUTIOIN	200	ml	04/30/2015
0001340386	12612-37-2	DOWEX-50W DRY MESH 100-200	250	gm	04/30/2015
0001340411	14965-49-2	Methanamine hydriodide	5	gm	04/30/2015
0001340410	36629-42-2	Methyl pentafluorobenzoate		gm	04/30/2015
0001340409	36629-42-2	Methyl pentafluorobenzoate	5	gm	04/30/2015
0001340561	7722-84-1	HYDROGEN PEROXIDE 30%	100	ml	04/30/2015
0001340545	16219-75-3	5-Ethylidene-2-norbornene	500		04/30/2015
0001340408	36629-42-2	Methyl pentafluorobenzoate		gm	04/30/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001340382		NAVAL JELLY	16	OZ	04/30/2015
0001334950	7732-18-5	Hydrochloric Acid 30-31%	3000	lb	04/30/2015
0001334949	7732-18-5	Hydrochloric Acid 30-31%	3000		04/30/2015
0001334948	7786-30-3	MAGNESIUM CHLORIDE	3300		04/30/2015
0001334947	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	04/30/2015
0001340435	7664-93-9	SULFURIC ACID	2		04/30/2015
0001340469	25389-94-0	KANAMYCIN SULFATE		gm	04/30/2015
0001340555	16219-75-3	5-Ethylidene-2-norbornene	500		04/30/2015
0001340544	16219-75-3	5-Ethylidene-2-norbornene	500		04/30/2015
0001340554	16219-75-3	5-Ethylidene-2-norbornene	500		04/30/2015
0001340546	16219-75-3	5-Ethylidene-2-norbornene	500		04/30/2015
0001340547	16219-75-3	5-Ethylidene-2-norbornene	500		04/30/2015
0001340548	16219-75-3	5-Ethylidene-2-norbornene	500		04/30/2015
0001340549	16219-75-3	5-Ethylidene-2-norbornene	500		04/30/2015
0001340550	16219-75-3	5-Ethylidene-2-norbornene	500		04/30/2015
0001340551	16219-75-3	5-Ethylidene-2-norbornene	500		04/30/2015
0001340552	16219-75-3	5-Ethylidene-2-norbornene	500		04/30/2015
0001340384		Custom Solution	250		04/30/2015
0001340543	16219-75-3	5-Ethylidene-2-norbornene	500	ml	04/30/2015
0001340488		FANTASTIKE ALL PURPOSE CLEANER	1	gal	04/30/2015
0001340481		FANTASTIKE ALL PURPOSE CLEANER	1	gal	04/30/2015
0001334941		Nalco 22341	503	lb	04/30/2015
0001334942		TRI-ACT 1820	450	lb	04/30/2015
0001334943		NALCO 7408 CHLORINE SCAVENGER SOLUTION	55	gal	04/30/2015
0001334944	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	04/30/2015
0001334945	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	04/30/2015
0000983896	7647-01-0	HYDROCHLORIC ACID TRACE METAL-35%	500	ml	04/30/2015
0001340489		FANTASTIKE ALL PURPOSE CLEANER	1	gal	04/30/2015
0000983901	7647-01-0	HYDROCHLORIC ACID TRACE METAL-35%	500	ml	04/30/2015
0001340487		FANTASTIKE ALL PURPOSE CLEANER	1	gal	04/30/2015
0001340486		FANTASTIKE ALL PURPOSE CLEANER	1	gal	04/30/2015
0001340485		FANTASTIKE ALL PURPOSE CLEANER	1	gal	04/30/2015
0001340484		FANTASTIKE ALL PURPOSE CLEANER	1	gal	04/30/2015
0001340483		FANTASTIKE ALL PURPOSE CLEANER	1	gal	04/30/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001340511	474922-84-4	1,2-dipalmitoyl-sn-glycero-3- phosphoethanolamine-N- [methoxy(polyethylene glycol)-350]	25	mg	04/30/2015
0001334946	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	04/30/2015
0001340513	474922-84-4	1,2-dipalmitoyl-sn-glycero-3- phosphoethanolamine-N- [methoxy(polyethylene glycol)-350]	25	mg	04/30/2015
0001340498		FANTASTIKE ALL PURPOSE CLEANER	1	gal	04/30/2015
0001340499		FANTASTIKE ALL PURPOSE CLEANER	1	gal	04/30/2015
0001340500		FANTASTIKE ALL PURPOSE CLEANER	1	gal	04/30/2015
0001340501		FANTASTIKE ALL PURPOSE CLEANER	1	gal	04/30/2015
0001340502		FANTASTIKE ALL PURPOSE CLEANER	1	gal	04/30/2015
0001340503		FANTASTIKE ALL PURPOSE CLEANER	1	gal	04/30/2015
0001340579	3810-74-0	STREPTOMYCIN SULFATE	5	gm	04/30/2015
0001340512	474922-84-4	1,2-dipalmitoyl-sn-glycero-3- phosphoethanolamine-N- [methoxy(polyethylene glycol)-350]	25	mg	04/30/2015
0001340480		FANTASTIKE ALL PURPOSE CLEANER	1	gal	04/30/2015
0001340514	474922-84-4	1,2-dipalmitoyl-sn-glycero-3- phosphoethanolamine-N- [methoxy(polyethylene glycol)-350]	25	mg	04/30/2015
0001340515		TANTALUM STANDARD SOLUTION	100	ml	04/30/2015
0001333216		PSX 700 CURE	0.2	gal	04/30/2015
0001333198		PSX 700 CURE		gal	04/30/2015
0001333197		PSX 700 CURE	0.2	gal	04/30/2015
0001333214		PERMACRYL INTERIOR FLAT WHITE BASE	5	gal	04/30/2015
0001340504		FANTASTIKE ALL PURPOSE CLEANER	1	gal	04/30/2015
0001311244		MULTI-PURPOSE GREASE	14.1	OZ	04/30/2015
0001340482		FANTASTIKE ALL PURPOSE CLEANER	1	gal	04/30/2015
0001311237		MULTI-PURPOSE GREASE	14.1	OZ	04/30/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001340474		FANTASTIKE ALL PURPOSE CLEANER	1	gal	04/30/2015
0001334954	1310-73-2	Sodium Hydroxide 25%	3400	lb	04/30/2015
0001334953	1310-73-2	Sodium Hydroxide 25%	3400	lb	04/30/2015
0001334952	1310-73-2	Sodium Hydroxide 25%	3400	lb	04/30/2015
0001311236		MULTI-PURPOSE GREASE	14.1	OZ	04/30/2015
0001311245		MULTI-PURPOSE GREASE	14.1	OZ	04/30/2015
0001340473		FANTASTIKE ALL PURPOSE CLEANER	1	gal	04/30/2015
0001311243		MULTI-PURPOSE GREASE	14.1	OZ	04/30/2015
0001311242		MULTI-PURPOSE GREASE	14.1	OZ	04/30/2015
0001311241		MULTI-PURPOSE GREASE	14.1	OZ	04/30/2015
0001311240		MULTI-PURPOSE GREASE	14.1	OZ	04/30/2015
0001311239		MULTI-PURPOSE GREASE	14.1	OZ	04/30/2015
0001311238		MULTI-PURPOSE GREASE	14.1	OZ	04/30/2015
0001334951	1310-73-2	Sodium Hydroxide 25%	3400	lb	04/30/2015
0001340580	1405-41-0	GENTAMYCIN SULFATE	5	gm	04/30/2015
0001340479		FANTASTIKE ALL PURPOSE CLEANER	1	gal	04/30/2015
0001340478		FANTASTIKE ALL PURPOSE CLEANER	1	gal	04/30/2015
0001340477		FANTASTIKE ALL PURPOSE CLEANER	1	gal	04/30/2015
0001340476		FANTASTIKE ALL PURPOSE CLEANER	1	gal	04/30/2015
0001340475		FANTASTIKE ALL PURPOSE CLEANER	1	gal	04/30/2015
0001340505		FANTASTIKE ALL PURPOSE CLEANER	1	gal	04/30/2015
0001340581	2302-25-2	4-Bromo-1H-imidazole	1	gm	04/30/2015
0001340422	1314-62-1	VANADIUM(V) OXIDE		gm	04/30/2015
0001334940		NALCO 8735	639		04/30/2015
0001340447	7722-84-1	HYDROGEN PEROXIDE 30%	100		04/30/2015
0001340460	67-64-1	ACETONE REAGENT ACS	4		04/30/2015
0001333192		PSX 700 PART A(RESIN)	0.8	gal	04/30/2015
0001340461	67-64-1	ACETONE REAGENT ACS	4	Ī	04/30/2015
0001340471		FANTASTIKE ALL PURPOSE CLEANER	1	gal	04/30/2015
0001340472		FANTASTIKE ALL PURPOSE CLEANER	1	gal	04/30/2015
0001340490		FANTASTIKE ALL PURPOSE CLEANER	1	gal	04/30/2015
0001333194		PSX 700 PART A(RESIN)	0.8	gal	04/30/2015
0001333173		100% SILICONE RUBBER SEALANT	10	OZ	04/30/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001340452	7722-84-1	HYDROGEN PEROXIDE 30%	100	ml	04/30/2015
0001340451	7722-84-1	HYDROGEN PEROXIDE 30%	100	ml	04/30/2015
0001333215		PSX 700 CURE		gal	04/30/2015
0001340450	7722-84-1	HYDROGEN PEROXIDE 30%	100	ml	04/30/2015
0001340497		FANTASTIKE ALL PURPOSE CLEANER	1	gal	04/30/2015
0001340454	7722-84-1	HYDROGEN PEROXIDE 30%	100	ml	04/30/2015
0001333195		PSX 700 PART A(RESIN)	0.8	gal	04/30/2015
0001340459	67-64-1	ACETONE REAGENT ACS	4	I	04/30/2015
0001333193		PSX 700 PART A(RESIN)	0.8	gal	04/30/2015
0001333190		PERMACRYL INTERIOR SEMI-GLOSS WHITE BASE	30.4	oz	04/30/2015
0001340509		FANTASTIKE ALL PURPOSE CLEANER	1	gal	04/30/2015
0001333188		PERMACRYL INTERIOR SEMI-GLOSS WHITE BASE	30.4	OZ	04/30/2015
0001333196		PSX 700 CURE	0.2	gal	04/30/2015
0001340380	7440-03-1	NIOBIUM	500	gm	04/30/2015
0001340449	7722-84-1	HYDROGEN PEROXIDE 30%	100	ml	04/30/2015
0001340506		FANTASTIKE ALL PURPOSE CLEANER	1	gal	04/30/2015
0001340381	7631-99-4	SODIUM NITRATE	1	kg	04/30/2015
0001340456		Rink Resin HS, 100-200 mesh	25	gm	04/30/2015
0001340457		Rink Resin HS, 100-200 mesh	25	gm	04/30/2015
0001340458	67-64-1	ACETONE REAGENT ACS	4	ı	04/30/2015
0001340379	7440-03-1	NIOBIUM		gm	04/30/2015
0001334939	1310-73-2	Sodium Hydroxide 25%	3400		04/30/2015
0001340453	7722-84-1	HYDROGEN PEROXIDE 30%	100		04/30/2015
0001334937	1310-73-2	Sodium Hydroxide 25%	3400	lb	04/30/2015
0001333174		100% SILICONE RUBBER SEALANT	10	OZ	04/30/2015
0001340507		FANTASTIKE ALL PURPOSE CLEANER	1	gal	04/30/2015
0001340508		FANTASTIKE ALL PURPOSE CLEANER	1	gal	04/30/2015
0001340510		FANTASTIKE ALL PURPOSE CLEANER	1	gal	04/30/2015
0001334936	1310-73-2	Sodium Hydroxide 25%	3400	lb	04/30/2015
0001334935	1310-73-2	Sodium Hydroxide 25%	3400		04/30/2015
0001340455	7722-84-1	HYDROGEN PEROXIDE 30%	100		04/30/2015
0001334938	1310-73-2	Sodium Hydroxide 25%	3400		04/30/2015
0001340578	67-64-1	ACETONE	4	1	04/30/2015
0001340571	67-64-1	ACETONE	4		04/30/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0000983895	7647-01-0	HYDROCHLORIC ACID TRACE METAL-35%	500	ml	04/30/2015
0001340448	7722-84-1	HYDROGEN PEROXIDE 30%	100	ml	04/30/2015
0001340573	67-64-1	ACETONE	4	I	04/30/2015
0001340574	67-64-1	ACETONE	4	1	04/30/2015
0001340575	67-64-1	ACETONE	4	l	04/30/2015
0001333175		100% SILICONE RUBBER SEALANT	10	oz	04/30/2015
0001340577	67-64-1	ACETONE	4		04/30/2015
0001340570	67-64-1	ACETONE	4	I	04/30/2015
0001340491		FANTASTIKE ALL PURPOSE CLEANER	1	gal	04/30/2015
0001340492		FANTASTIKE ALL PURPOSE CLEANER	1	gal	04/30/2015
0001340493		FANTASTIKE ALL PURPOSE CLEANER	1	gal	04/30/2015
0001340494		FANTASTIKE ALL PURPOSE CLEANER	1	gal	04/30/2015
0001340495		FANTASTIKE ALL PURPOSE CLEANER	1	gal	04/30/2015
0001340496		FANTASTIKE ALL PURPOSE CLEANER	1	gal	04/30/2015
0001340576	67-64-1	ACETONE	4	I	04/30/2015
0001333180		100% SILICONE RUBBER SEALANT	10	oz	04/30/2015
0001333176		100% SILICONE RUBBER SEALANT	10	OZ	04/30/2015
0001333177		100% SILICONE RUBBER SEALANT	10	OZ	04/30/2015
0001333178		100% SILICONE RUBBER SEALANT	10	OZ	04/30/2015
0001333179		100% SILICONE RUBBER SEALANT	10	OZ	04/30/2015
0001333184		100% SILICONE RUBBER SEALANT	10	OZ	04/30/2015
0001333183		100% SILICONE RUBBER SEALANT	10	OZ	04/30/2015
0001333182		100% SILICONE RUBBER SEALANT	10	OZ	04/30/2015
0001340572	67-64-1	ACETONE	4	l	04/30/2015
0001333181		100% SILICONE RUBBER SEALANT	10	OZ	04/30/2015
0001340569	67-64-1	ACETONE	4	ı	04/30/2015
0001340563	67-64-1	ACETONE	4	I	04/30/2015
0001340564	67-64-1	ACETONE	4	l	04/30/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001340565	67-64-1	ACETONE	4	l	04/30/2015
0001340566	67-64-1	ACETONE	4	I	04/30/2015
0001340567	67-64-1	ACETONE	4	I	04/30/2015
0001340568	67-64-1	ACETONE	4	I	04/30/2015
0001311335		SPLASH WINDSHIELD WASHER FLUID	1	gal	05/01/2015
0001311342		ANTIFREEZE/COOLANT	1	gal	05/01/2015
0001311356		SPLASH WINDSHIELD WASHER FLUID	1	gal	05/01/2015
0001311334		SPLASH WINDSHIELD WASHER FLUID	1	gal	05/01/2015
0001311365		SPLASH WINDSHIELD WASHER FLUID	1	gal	05/01/2015
0001311318		SAE 30 MOTOR OIL	1	qt	05/01/2015
0001311341		ANTIFREEZE/COOLANT	1	gal	05/01/2015
0001311355		SPLASH WINDSHIELD WASHER FLUID	1	gal	05/01/2015
0001311357		SPLASH WINDSHIELD WASHER FLUID	1	gal	05/01/2015
0001311359		SPLASH WINDSHIELD WASHER FLUID	1	gal	05/01/2015
0001311360		SPLASH WINDSHIELD WASHER FLUID	1	gal	05/01/2015
0001311361		SPLASH WINDSHIELD WASHER FLUID	1	gal	05/01/2015
0001311362		SPLASH WINDSHIELD WASHER FLUID	1	gal	05/01/2015
0001311358		SPLASH WINDSHIELD WASHER FLUID	1	gal	05/01/2015
0001311364		SPLASH WINDSHIELD WASHER FLUID	1	gal	05/01/2015
0001311369		CANNED SMOKE	2.6	OZ	05/01/2015
0001311366		SPLASH WINDSHIELD WASHER FLUID	1	gal	05/01/2015
0001311367		SPLASH WINDSHIELD WASHER FLUID	1	gal	05/01/2015
0001311368		SPLASH WINDSHIELD WASHER FLUID	1	gal	05/01/2015
0001340616	872-50-4	N-METHYLPYRROLIDONE	4	I	05/01/2015
0001340617	872-50-4	N-METHYLPYRROLIDONE	4		05/01/2015
0001340618	872-50-4	N-METHYLPYRROLIDONE	4		05/01/2015
0001340619	872-50-4	N-METHYLPYRROLIDONE	4		05/01/2015
0001340620	872-50-4	N-METHYLPYRROLIDONE	4	1	05/01/2015
0001327809	7440-33-7	TUNGSTEN	30	gal	05/01/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001311363		SPLASH WINDSHIELD WASHER FLUID	1	gal	05/01/2015
0001311246		LUBRIPLATE CHAIN AND CABLE FLUID	11	OZ	05/01/2015
0001311317		SAE 30 MOTOR OIL	1	qt	05/01/2015
0001311293		SAE 30 MOTOR OIL	1	qt	05/01/2015
0001311354		SPLASH WINDSHIELD WASHER FLUID	1	gal	05/01/2015
0001311350		CANNED SMOKE	2.6	OZ	05/01/2015
0001311352		SPLASH WINDSHIELD WASHER FLUID	1	gal	05/01/2015
0001311340		ANTIFREEZE/COOLANT	1	gal	05/01/2015
0001311291		SAE 30 MOTOR OIL	1	qt	05/01/2015
0001311298		MULTI-PURPOSE GREASE	14.1	OZ	05/01/2015
0001311247		LUBRIPLATE CHAIN AND CABLE FLUID	11	oz	05/01/2015
0001311353		SPLASH WINDSHIELD WASHER FLUID	1	gal	05/01/2015
0001311351		CANNED SMOKE	2.6	OZ	05/01/2015
0001340626	872-50-4	N-METHYLPYRROLIDONE	4	I	05/01/2015
0001340625	872-50-4	N-METHYLPYRROLIDONE	4	I	05/01/2015
0001340624	872-50-4	N-METHYLPYRROLIDONE	4	I	05/01/2015
0001340623	872-50-4	N-METHYLPYRROLIDONE	4	I	05/01/2015
0001340622	872-50-4	N-METHYLPYRROLIDONE	4	I	05/01/2015
0001340621	872-50-4	N-METHYLPYRROLIDONE	4	I	05/01/2015
0001311299		BRAKE FLUID DOT 3	12	OZ	05/01/2015
0001311248		LUBRIPLATE CHAIN AND CABLE FLUID	11	OZ	05/01/2015
0001311330		POWER STEERING FLUID	1	qt	05/01/2015
0001311292		SAE 30 MOTOR OIL	+	qt	05/01/2015
0001311337		ANTIFREEZE/COOLANT	1	gal	05/01/2015
0001311300		ULTRA BLACK GASKET MAKER	3.35	OZ	05/01/2015
0001311332		POWER STEERING FLUID	1	qt	05/01/2015
0001311336		ANTIFREEZE/COOLANT		gal	05/01/2015
0001311333		POWER STEERING FLUID		qt	05/01/2015
0001311338		ANTIFREEZE/COOLANT		gal	05/01/2015
0001361790		Nitric Oxide 10,000 ppm/Bal. Helium	150		05/01/2015
0001311331		POWER STEERING FLUID	1	qt	05/01/2015
0001311329		POWER STEERING FLUID		qt	05/01/2015
0001311328		POWER STEERING FLUID	-	qt	05/01/2015
0001311327		POWER STEERING FLUID		qt	05/01/2015
0001311326		POWER STEERING FLUID		qt	05/01/2015
0001311325		POWER STEERING FLUID		qt	05/01/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001361789		10000PPM NITROGEN DIOXIDE	150	cf	05/01/2015
0001311301		ULTRA BLACK GASKET MAKER	3.35	OZ	05/01/2015
0001311339		ANTIFREEZE/COOLANT	1	gal	05/01/2015
0001311344		ANTIFREEZE/COOLANT	1	gal	05/01/2015
0001340530		BONE CHAR	6	lb	05/01/2015
0001340531	141-78-6	ETHYL ACETATE	1	I	05/01/2015
0001340587	7664-93-9	SULFURIC ACID	2		05/01/2015
0001340588	7664-93-9	SULFURIC ACID	2		05/01/2015
0001340589	7664-93-9	SULFURIC ACID	2		05/01/2015
0001340590	7664-93-9	SULFURIC ACID	2		05/01/2015
0001340591	7664-93-9	SULFURIC ACID	2		05/01/2015
0001340592	7664-93-9	SULFURIC ACID	2		05/01/2015
0001340593	7664-93-9	SULFURIC ACID	2		05/01/2015
0001340594	7664-93-9	SULFURIC ACID	2		05/01/2015
0001311345		DIESEL EXHAUST FLUID		gal	05/01/2015
0001340602	3520-42-1	KINTON RED 620	1	0	05/01/2015
0001340606	3520-42-1	KINTON RED 620	1	gm	05/01/2015
0001340529	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	05/01/2015
0001340605	3520-42-1	KINTON RED 620	1	gm	05/01/2015
0001340523	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	oz	05/01/2015
0001340604	3520-42-1	KINTON RED 620	1	gm	05/01/2015
0001340603	3520-42-1	KINTON RED 620		gm	05/01/2015
0001340596	7664-93-9	SULFURIC ACID	2		05/01/2015
0001340597	3520-42-1	KINTON RED 620	1	gm	05/01/2015
0001340598	3520-42-1	KINTON RED 620	1	gm	05/01/2015
0001340599	3520-42-1	KINTON RED 620		gm	05/01/2015
0001340600	3520-42-1	KINTON RED 620	1	gm	05/01/2015
0001340601	3520-42-1	KINTON RED 620	1	gm	05/01/2015
0001340595	7664-93-9	SULFURIC ACID	2	1	05/01/2015
0001340398	1665-00-5	METHYLENE CHLORIDE-D2	25	gm	05/01/2015
0001311270		BRAKLEEN	14	oz	05/01/2015
0001311271		BRAKLEEN	14	oz	05/01/2015
0001311272		BRAKLEEN	14	oz	05/01/2015
0001311273		CARB AND CHOKE CLEANER	13	OZ	05/01/2015
0001311274		CARB AND CHOKE CLEANER	13	OZ	05/01/2015
0001311275		CARB AND CHOKE CLEANER	13	OZ	05/01/2015
0001311276		CARB AND CHOKE CLEANER		OZ	05/01/2015
0001311277		CARB AND CHOKE CLEANER		OZ	05/01/2015
0001311278		CARB AND CHOKE CLEANER	13	oz	05/01/2015
0001311279		CARB AND CHOKE CLEANER		OZ	05/01/2015
0001340395	7783-20-2	AMMONIUM SULFATE	500	gm	05/01/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001340525	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	05/01/2015
0001340397	7719-09-7	THIONYL CHLORIDE	500	ml	05/01/2015
0001340528	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	05/01/2015
0001340516	124-63-0	METHANESULFONYLCHLORIDE	100	ml	05/01/2015
0001340517	60-29-7	DIETHYL ETHER	1	I	05/01/2015
0001340518	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	05/01/2015
0001340519	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	05/01/2015
0001340520	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	05/01/2015
0001340521	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	05/01/2015
0001340522	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	05/01/2015
0001327813		RUST STOP GREY PRIMER	1	gal	05/01/2015
0001340524	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	oz	05/01/2015
0001311346		DIESEL EXHAUST FLUID	2.5	gal	05/01/2015
0001340526	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	oz	05/01/2015
0001340527	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	05/01/2015
0001340396	60-29-7	DIETHYL ETHER	4	I	05/01/2015
0001311258		WHITE LITHIUM GREASE	10	oz	05/01/2015
0001311269		BRAKLEEN	14	OZ	05/01/2015
0001311268		BRAKLEEN		oz	05/01/2015
0001311267		BRAKLEEN		OZ	05/01/2015
0001311343		ANTIFREEZE/COOLANT		gal	05/01/2015
0001311266		BRAKLEEN BRAKLEEN		OZ	05/01/2015
0001311265 0001311264		BRAKLEEN		OZ OZ	05/01/2015 05/01/2015
0001311264		STARTING FLUID	10.7		05/01/2015
0001311261		WHITE LITHIUM GREASE		OZ	05/01/2015
0001311200	7440-33-7	TUNGSTEN		gal	05/01/2015
0001311259		WHITE LITHIUM GREASE		OZ	05/01/2015
0001327836	6892-68-8	DTE MEDIUM HEAVY OIL		gal	05/01/2015
0001327835	6892-68-8	DTE MEDIUM HEAVY OIL		gal	05/01/2015
0001327831	6892-68-8	DTE MEDIUM HEAVY OIL		gal	05/01/2015
0001327812		RUST STOP GREY PRIMER		gal	05/01/2015
0001327814		RUST STOP GREY PRIMER	1	gal	05/01/2015
0001327815		RUST STOP GREY PRIMER	1	gal	05/01/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001327832	6892-68-8	DTE MEDIUM HEAVY OIL	55	gal	05/01/2015
0001327833	6892-68-8	DTE MEDIUM HEAVY OIL		gal	05/01/2015
0001327834	6892-68-8	DTE MEDIUM HEAVY OIL		gal	05/01/2015
0001340615	872-50-4	N-METHYLPYRROLIDONE	4		05/01/2015
0001311255		WD-40 NON-AEROSOL		OZ	05/01/2015
0001311256		WHITE LITHIUM GREASE		OZ	05/01/2015
0001311257		WHITE LITHIUM GREASE	10	OZ	05/01/2015
0001361892	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	05/04/2015
0001311296		MOTOR OIL	1	-1-	05/04/2015
0001333218		fast setting cement	60		05/04/2015
0001311313		DX-111/M ATF		qt	05/04/2015
0001333219		fast setting cement	60		05/04/2015
0001311297		MOTOR OIL		qt	05/04/2015
0001311295		MOTOR OIL	1	•	05/04/2015
0001311294		MOTOR OIL	1		05/04/2015
0001311316		DX-111/M ATF		qt	05/04/2015
0001311314		DX-111/M ATF	1	qt	05/04/2015
0001361891	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	05/04/2015
0001361864	74-86-2	ACETYLENE	130	lb	05/04/2015
0001311312		DX-111/M ATF	1	qt	05/04/2015
0001311311		DX-111/M ATF	1	qt	05/04/2015
0001311315		DX-111/M ATF		qt	05/04/2015
0001333228		fast setting cement	60		05/04/2015
0001333235		fast setting cement	60		05/04/2015
0001333234		fast setting cement	60		05/04/2015
0001333233		fast setting cement	60		05/04/2015
0001333232		fast setting cement	60		05/04/2015
0001333255		SODA ASH	50		05/04/2015
0001311310		DX-111/M ATF	1	qt	05/04/2015
0001333231		fast setting cement	60		05/04/2015
0001333230		fast setting cement	60		05/04/2015
0001333229		fast setting cement	60		05/04/2015
0001333220		fast setting cement	60		05/04/2015
0001333227		fast setting cement	60		05/04/2015
0001333226		fast setting cement	60		05/04/2015
0001333225		fast setting cement	60		05/04/2015
0001333224		fast setting cement	60		05/04/2015
0001333223		fast setting cement	60		05/04/2015
0001333222		fast setting coment	60		05/04/2015
0001333221	7727-37-9	fast setting cement NITROGEN ULTRA HIGH PURITY	220		05/04/2015 05/04/2015
0001301833	,,,,,,	MASONRY GROUT	50		05/04/2015

			Container	Unit of	
Barcode	CAS#	Chemical Name	Size	Measure	Date
0001311304		DX-111/M ATF	1	qt	05/04/2015
0001311303		DX-111/M ATF	1	1	05/04/2015
0001333338		fast setting cement	60	lb	05/04/2015
0001333337		fast setting cement	60	lb	05/04/2015
0001333336		fast setting cement	60	lb	05/04/2015
0001333335		fast setting cement	60	lb	05/04/2015
0001333334		fast setting cement	60	lb	05/04/2015
0001311348		AW 32 HYDRAULIC FLUID		gal	05/04/2015
0001333332		fast setting cement	60	lb	05/04/2015
0001311307		DX-111/M ATF	1	qt	05/04/2015
0001333240		MASONRY GROUT	50	lb	05/04/2015
0001333239		MASONRY GROUT	50	lb	05/04/2015
0001333238		MASONRY GROUT	50	lb	05/04/2015
0001311319		SAE 5W20 MOTOR OIL	1	qt	05/04/2015
0001361823	124-38-9	CARBON DIOXIDE, GAS	220	cf	05/04/2015
0001361824	124-38-9	CARBON DIOXIDE, GAS	220	cf	05/04/2015
0001333236		fast setting cement	60	lb	05/04/2015
0001333333		fast setting cement	60	lb	05/04/2015
0001361904	7782-44-7	OXYGEN	220	cf	05/04/2015
0001361895	7782-44-7	OXYGEN	220	cf	05/04/2015
0001361896	7782-44-7	OXYGEN	220	cf	05/04/2015
0001361897	7782-44-7	OXYGEN	220	cf	05/04/2015
0001361898	7782-44-7	OXYGEN	220	cf	05/04/2015
0001361899	7782-44-7	OXYGEN	220	cf	05/04/2015
0001361900	7782-44-7	OXYGEN	220	cf	05/04/2015
0001361901	7782-44-7	OXYGEN	220	cf	05/04/2015
0001311305		DX-111/M ATF	1	qt	05/04/2015
0001361903	7782-44-7	OXYGEN	220	cf	05/04/2015
0001311306		DX-111/M ATF	1	qt	05/04/2015
0001361905	7782-44-7	OXYGEN	220		05/04/2015
0001361906	7782-44-7	OXYGEN	220	cf	05/04/2015
0001361907	7782-44-7	OXYGEN	220	cf	05/04/2015
0001311347		AW 32 HYDRAULIC FLUID	5	gal	05/04/2015
0001311349		AW 32 HYDRAULIC FLUID	5	gal	05/04/2015
0001311309		DX-111/M ATF	1	qt	05/04/2015
0001311308		DX-111/M ATF		qt	05/04/2015
0001361894	7727-37-9	NITROGEN ULTRA HIGH PURITY	220		05/04/2015
0001361902	7782-44-7	OXYGEN	220	cf	05/04/2015
0001333207		ready mix concrete	60		05/04/2015
0001333280		SODA ASH	50		05/04/2015
0001311250		DRY FILM MOLY LUBRICANT LU 200		OZ	05/04/2015
0001311251		DRY FILM MOLY LUBRICANT LU 200	11	OZ	05/04/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001311252		DRY FILM MOLY LUBRICANT LU 200	11	oz	05/04/2015
0001311253		DRY FILM MOLY LUBRICANT LU 200	11	OZ	05/04/2015
0001311254		DRY FILM MOLY LUBRICANT LU 200	11	OZ	05/04/2015
0001333200		ready mix concrete	60	lb	05/04/2015
0001333201		ready mix concrete	60	lb	05/04/2015
0001333202		ready mix concrete	60	lb	05/04/2015
0001333203		ready mix concrete	60	lb	05/04/2015
0001333204		ready mix concrete	60	lb	05/04/2015
0001333378		SPRAY PAINT WHITE	18	oz	05/04/2015
0001333206		ready mix concrete	60	lb	05/04/2015
0001333373		SPRAY PAINT WHITE	18	OZ	05/04/2015
0001333208		ready mix concrete	60	lb	05/04/2015
0001333209		ready mix concrete	60	lb	05/04/2015
0001333210		ready mix concrete	60	lb	05/04/2015
0001333211		ready mix concrete	60	lb	05/04/2015
0001333212		ready mix concrete	60	lb	05/04/2015
0001333213		ready mix concrete	60	lb	05/04/2015
0001333281		SODA ASH	50	lb	05/04/2015
0001333374		SPRAY PAINT WHITE	18	oz	05/04/2015
0001333375		SPRAY PAINT WHITE	18	oz	05/04/2015
0001333376		SPRAY PAINT WHITE	18	oz	05/04/2015
0001333273		SODA ASH	50	lb	05/04/2015
0001333205		ready mix concrete	60	lb	05/04/2015
0001333344		fast setting cement	60	lb	05/04/2015
0001333274		SODA ASH	50	lb	05/04/2015
0001333275		SODA ASH	50	lb	05/04/2015
0001333276		SODA ASH	50		05/04/2015
0001333277		SODA ASH	50	lb	05/04/2015
0001333368		SPRAY PAINT WHITE	18	OZ	05/04/2015
0001333257		SODA ASH	50	lb	05/04/2015
0001333370		SPRAY PAINT WHITE	18	OZ	05/04/2015
0001333350		fast setting cement	60	lb	05/04/2015
0001333349		fast setting cement	60	lb	05/04/2015
0001333348		fast setting cement	60	lb	05/04/2015
0001333347		fast setting cement	60	lb	05/04/2015
0001333279		SODA ASH	50	lb	05/04/2015
0001333345		fast setting cement	60		05/04/2015
0001333278		SODA ASH	50		05/04/2015
0001333343		fast setting cement	60		05/04/2015
0001333342		fast setting cement	60		05/04/2015
0001333341		fast setting cement	60		05/04/2015
0001333340		fast setting cement	60		05/04/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001333339		fast setting cement	60	lb	05/04/2015
0001333292		SODA ASH	50	lb	05/04/2015
0001311284		193 GLOSS BLACK CHASSIS & GRILLE GUARD PAINT	12	OZ	05/04/2015
0001311249		DRY FILM MOLY LUBRICANT LU 200	11	oz	05/04/2015
0001333242		fast setting cement	60	lb	05/04/2015
0001333371		SPRAY PAINT WHITE	18	oz	05/04/2015
0001333372		SPRAY PAINT WHITE	18	oz	05/04/2015
0001333379		SPRAY PAINT WHITE	18	oz	05/04/2015
0001333346		fast setting cement	60	lb	05/04/2015
0001361793	7440-59-7	HELIUM	500	1	05/04/2015
0001361798	7440-59-7	HELIUM	100	1	05/04/2015
0001361797	7440-59-7	HELIUM	100	1	05/04/2015
0001361796	7440-59-7	HELIUM	100	1	05/04/2015
0001333390		SPRAY PAINT WHITE	18	OZ	05/04/2015
0001333391		SPRAY PAINT WHITE	18	OZ	05/04/2015
0001333392		SPRAY PAINT WHITE	18	OZ	05/04/2015
0001333393		SPRAY PAINT WHITE	18	OZ	05/04/2015
0001333394		SPRAY PAINT WHITE		OZ	05/04/2015
0001333286		SODA ASH	50		05/04/2015
0001333287		SODA ASH	50		05/04/2015
0001333288		SODA ASH	50		05/04/2015
0001333377		SPRAY PAINT WHITE		OZ	05/04/2015
0001361794	7440-59-7	HELIUM	100		05/04/2015
0001333388		SPRAY PAINT WHITE		OZ	05/04/2015
0001361792		Nitrogen (Research)	220		05/04/2015
0001333414		LACQUER THINNER	1		05/04/2015
0001333413		LACQUER THINNER		gal	05/04/2015
0001333412		LACQUER THINNER		gal	05/04/2015
0001333289		SODA ASH	50		05/04/2015
0001333290		SODA ASH	50		05/04/2015
0001333291		SODA ASH	50		05/04/2015
0001333397		SPRAY PAINT WHITE		OZ	05/04/2015
0001333396		SPRAY PAINT WHITE		OZ	05/04/2015
0001333395		SPRAY PAINT WHITE		OZ 	05/04/2015
0001333258		SODA ASH	50		05/04/2015
0001361795	7440-59-7	HELIUM	100		05/04/2015
0001333254		SODA ASH	50		05/04/2015
0001333380		SPRAY PAINT WHITE		OZ	05/04/2015
0001333381		SPRAY PAINT WHITE		OZ	05/04/2015
0001333382		SPRAY PAINT WHITE		OZ	05/04/2015
0001333383		SPRAY PAINT WHITE		OZ	05/04/2015
0001333384		SPRAY PAINT WHITE		OZ	05/04/2015
0001361840	7440-37-1	ARGON ULTRA HIGH PURITY	220	ct	05/04/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001333248		SODA ASH	50		05/04/2015
0001333249		SODA ASH	50		05/04/2015
0001333250		SODA ASH	50		05/04/2015
0001361841	7440-37-1	ARGON ULTRA HIGH PURITY	220		05/04/2015
0001333251		SODA ASH	50	lb	05/04/2015
0001361799	7440-59-7	HELIUM	100	I	05/04/2015
0001333253		SODA ASH	50	lb	05/04/2015
0001333389		SPRAY PAINT WHITE	18	OZ	05/04/2015
0001333256		SODA ASH	50	lb	05/04/2015
0001361842	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	05/04/2015
0001333282		SODA ASH	50	lb	05/04/2015
0001333283		SODA ASH	50	lb	05/04/2015
0001333284		SODA ASH	50	lb	05/04/2015
0001333285		SODA ASH	50	lb	05/04/2015
0001361843	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	05/04/2015
0001361844	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	05/04/2015
0001333385		SPRAY PAINT WHITE	18	OZ	05/04/2015
0001333386		SPRAY PAINT WHITE	18	OZ	05/04/2015
0001333387		SPRAY PAINT WHITE	18	OZ	05/04/2015
0001333367		SPRAY PAINT WHITE	18	OZ	05/04/2015
0001333252		SODA ASH	50		05/04/2015
0001361833	7440-37-1	ARGON ULTRA HIGH PURITY	220		05/04/2015
0001361845	7440-37-1	ARGON ULTRA HIGH PURITY	220		05/04/2015
0001361859	7440-37-1	ARGON ULTRA HIGH PURITY	220		05/04/2015
0001361860	7440-37-1	ARGON ULTRA HIGH PURITY	220		05/04/2015
0001361861	7440-37-1	ARGON ULTRA HIGH PURITY	220		05/04/2015
0000136186	74-86-2	ACETYLENE	130		05/04/2015
0001361863	74-86-2	ACETYLENE	130		05/04/2015
0001333369		SPRAY PAINT WHITE	18		05/04/2015
0001361839	7440-37-1	ARGON ULTRA HIGH PURITY	220		05/04/2015
0001333262		SODA ASH	50		05/04/2015
0001361865		Hydrogen 6%, 94% Argon	220		05/04/2015
0001361856	7440-37-1	ARGON ULTRA HIGH PURITY	220		05/04/2015
0001361834	7440-37-1	ARGON ULTRA HIGH PURITY	220		05/04/2015
0001361835	7440-37-1	ARGON ULTRA HIGH PURITY	220		05/04/2015
0001361836	7440-37-1	ARGON ULTRA HIGH PURITY	220		05/04/2015
0001361837	7440-37-1	ARGON ULTRA HIGH PURITY	220		05/04/2015
0001333293	7440.07.4	SODA ASH	50		05/04/2015
0001361849	7440-37-1	ARGON ULTRA HIGH PURITY	220		05/04/2015
0001333259		SODA ASH	50		05/04/2015
0001333261		SODA ASH	50		05/04/2015
0001333351		fast setting cement	60	al	05/04/2015
0001339432		Be Finder Detection Solution	250	ml	05/04/2015
0001361848	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	05/04/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001361847	7440-37-1	ARGON ULTRA HIGH PURITY	220		05/04/2015
0001301847	7440-37-1	ARGON ULTRA HIGH PURITY	220		05/04/2015
0001361832	7440-37-1	ARGON ULTRA HIGH PURITY	220		05/04/2015
0001361803	124-38-9	CARBON DIOXIDE, GAS	220		05/04/2015
0001361801	7782-39-0	DEUTERIUM	300		05/04/2015
0001361800	7440-59-7	HELIUM	100		05/04/2015
0001333366		SPRAY PAINT WHITE	18		05/04/2015
0001361858	7440-37-1	ARGON ULTRA HIGH PURITY	220		05/04/2015
0001333364		SPRAY PAINT WHITE	18	OZ	05/04/2015
0001361857	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	05/04/2015
0001333411		LACQUER THINNER	1	gal	05/04/2015
0001311323		SAE 5W20 MOTOR OIL		qt	05/04/2015
0001361850	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	05/04/2015
0001361851	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	05/04/2015
0001361852	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	05/04/2015
0001361853	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	05/04/2015
0001361854	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	05/04/2015
0001361855	7440-37-1	ARGON ULTRA HIGH PURITY	220	cf	05/04/2015
0001333260		SODA ASH	50	lb	05/04/2015
0001333365		SPRAY PAINT WHITE	18	oz	05/04/2015
0001333356		fast setting cement	60		05/04/2015
0001333298		SODA ASH	50	lb	05/04/2015
0001333299		SODA ASH	50		05/04/2015
0001333300		SODA ASH	50	lb	05/04/2015
0001311286		GEAR OIL 80-90	1	qt	05/04/2015
0001311287		GEAR OIL 80-90	1	qt	05/04/2015
0001311288		ATF	1	qt	05/04/2015
0001311289		ATF	1	'	05/04/2015
0001311290		ATF	1	qt	05/04/2015
0001311302		DX-111/M ATF		qt	05/04/2015
0001333296		SODA ASH	50		05/04/2015
0001333357		fast setting cement	60		05/04/2015
0001333295		SODA ASH	50		05/04/2015
0001333355		fast setting cement	60		05/04/2015
0001333354		fast setting cement	60		05/04/2015
0001333268		SODA ASH	50		05/04/2015
0001333269		SODA ASH	50		05/04/2015
0001333270		SODA ASH	50		05/04/2015
0001361838	7440-37-1	ARGON ULTRA HIGH PURITY	220		05/04/2015
0001333271		SODA ASH	50		05/04/2015
0001333272		SODA ASH	50		05/04/2015
0001333353		fast setting cement	60		05/04/2015
0001333352		fast setting cement	60		05/04/2015
0001333358		fast setting cement	60		05/04/2015
0001311321		SAE 5W20 MOTOR OIL	11	qt	05/04/2015

Dawaada	CAC #	Chamical Name	Container	Unit of	Data
Barcode	CAS#	Chemical Name	Size	Measure	Date
0001333264		SODA ASH	50	lb	05/04/2015
0001333265		SODA ASH	50	lb	05/04/2015
0001333266		SODA ASH	50	lb	05/04/2015
0001333267		SODA ASH	50	lb	05/04/2015
0001333297		SODA ASH	50	lb	05/04/2015
0001311322		SAE 5W20 MOTOR OIL	1	qt	05/04/2015
0001333263		SODA ASH	50	lb	05/04/2015
0001311320		SAE 5W20 MOTOR OIL	1	qt	05/04/2015
0001333359		fast setting cement	60	lb	05/04/2015
0001333245		fast setting cement	60	lb	05/04/2015
0001333244		fast setting cement	60	lb	05/04/2015
0001333243		fast setting cement	60	lb	05/04/2015
0001333361		fast setting cement	60	lb	05/04/2015
0001333360		fast setting cement	60	lb	05/04/2015
0001333246		fast setting cement	60	lb	05/04/2015
0001333294		SODA ASH	50	lb	05/04/2015
0001361825	124-38-9	CARBON DIOXIDE, GAS	220	cf	05/04/2015
0001361867		Hydrogen 6%, 94% Argon	220	cf	05/04/2015
0001361811	124-38-9	CARBON DIOXIDE, GAS	220	cf	05/04/2015
0001361810	124-38-9	CARBON DIOXIDE, GAS	220		05/04/2015
0001361809	124-38-9	CARBON DIOXIDE, GAS	220		05/04/2015
0001361808	124-38-9	CARBON DIOXIDE, GAS	220		05/04/2015
0001361807	124-38-9	CARBON DIOXIDE, GAS	220		05/04/2015
0001361815	124-38-9	CARBON DIOXIDE, GAS	220		05/04/2015
0001361822	124-38-9	CARBON DIOXIDE, GAS	220		05/04/2015
0001361812	124-38-9	CARBON DIOXIDE, GAS	220		05/04/2015
0001361826	124-38-9	CARBON DIOXIDE, GAS	220		05/04/2015
0001361827	124-38-9	CARBON DIOXIDE, GAS	220		05/04/2015
0001361828	124-38-9	CARBON DIOXIDE, GAS	220		05/04/2015
0001361829	124-38-9	CARBON DIOXIDE, GAS	220		05/04/2015
0001361866		Hydrogen 6%, 94% Argon	220		05/04/2015
0001361830	124-38-9	CARBON DIOXIDE, GAS	220		05/04/2015
0001361806	124-38-9	CARBON DIOXIDE, GAS	220		05/04/2015
0001361878		Hydrogen 6%, 94% Argon	220		05/04/2015
0001361870		Hydrogen 6%, 94% Argon	220		05/04/2015
0001361869		Hydrogen 6%, 94% Argon	220		05/04/2015
0001361881	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	05/04/2015
0001361871		Hydrogen 6%, 94% Argon	220	cf	05/04/2015
0001361872		Hydrogen 6%, 94% Argon	220	cf	05/04/2015
0001361873		Hydrogen 6%, 94% Argon	220	cf	05/04/2015
0001361880	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	05/04/2015
0001361875		Hydrogen 6%, 94% Argon	220	cf	05/04/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001361882	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	05/04/2015
0001361879		Hydrogen 6%, 94% Argon	220	cf	05/04/2015
0001361876		Hydrogen 6%, 94% Argon	220	cf	05/04/2015
0001361868		Hydrogen 6%, 94% Argon	220	cf	05/04/2015
0001361877		Hydrogen 6%, 94% Argon	220	cf	05/04/2015
0001361831	124-38-9	CARBON DIOXIDE, GAS	220	cf	05/04/2015
0001361813	124-38-9	CARBON DIOXIDE, GAS	220	cf	05/04/2015
0001361874		Hydrogen 6%, 94% Argon	220	cf	05/04/2015
0001333398		SPRAY PAINT WHITE	18	oz	05/04/2015
0001361817	124-38-9	CARBON DIOXIDE, GAS	220	cf	05/04/2015
0001333406		SPRAY PAINT WHITE	18	OZ	05/04/2015
0001333405		SPRAY PAINT WHITE	18	OZ	05/04/2015
0001333404		SPRAY PAINT WHITE	18	OZ	05/04/2015
0001333403		SPRAY PAINT WHITE	18	OZ	05/04/2015
0001333402		SPRAY PAINT WHITE	18	OZ	05/04/2015
0001333401		SPRAY PAINT WHITE	18	OZ	05/04/2015
0001361818	124-38-9	CARBON DIOXIDE, GAS	220	cf	05/04/2015
0001333399		SPRAY PAINT WHITE	18	OZ	05/04/2015
0001361819	124-38-9	CARBON DIOXIDE, GAS	220	cf	05/04/2015
0001361814	124-38-9	CARBON DIOXIDE, GAS	220	cf	05/04/2015
0001361885	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	05/04/2015
0001361887	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	05/04/2015
0001361888	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	05/04/2015
0001361889	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	05/04/2015
0001361890	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	05/04/2015
0001361821	124-38-9	CARBON DIOXIDE, GAS	220	cf	05/04/2015
0001333400		SPRAY PAINT WHITE		oz	05/04/2015
0001311281		193 GLOSS BLACK CHASSIS & GRILLE GUARD PAINT	12	OZ	05/04/2015
0001361884	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	05/04/2015
0001361805	124-38-9	CARBON DIOXIDE, GAS	220	cf	05/04/2015
0001361804	124-38-9	CARBON DIOXIDE, GAS	220		05/04/2015
0001361802	7440-59-7	HELIUM	220		05/04/2015
0001361791	7647-01-0	HYDROGEN CHLORIDE, ANHYDROUS	15		05/04/2015
0001333410		SPRAY PAINT WHITE	18	OZ	05/04/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001311324		Valvoline Mercon V Automatic Transmission Fluid	1	qt	05/04/2015
0001361816	124-38-9	CARBON DIOXIDE, GAS	220	cf	05/04/2015
0013111280		193 GLOSS BLACK CHASSIS & GRILLE GUARD PAINT	12	OZ	05/04/2015
0001361883	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	05/04/2015
0001311282		193 GLOSS BLACK CHASSIS & GRILLE GUARD PAINT	12	OZ	05/04/2015
0001311283		193 GLOSS BLACK CHASSIS & GRILLE GUARD PAINT	12	OZ	05/04/2015
0001361820	124-38-9	CARBON DIOXIDE, GAS	220	cf	05/04/2015
0001333409		SPRAY PAINT WHITE	18	OZ	05/04/2015
0001333408		SPRAY PAINT WHITE	18	OZ	05/04/2015
0001361886	7727-37-9	NITROGEN ULTRA HIGH PURITY	220	cf	05/04/2015
0001333407		SPRAY PAINT WHITE	18	OZ	05/04/2015
0001311285		Lucas SAE 85W-140 Gear Oil	1	qt	05/04/2015
0001334006		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334067		CONTACT CLEANER 2000		OZ	05/05/2015
0001334005		CONTACT CLEANER 2000		OZ	05/05/2015
0001334004		CONTACT CLEANER 2000		OZ	05/05/2015
0001334000		CONTACT CLEANER 2000	-	OZ	05/05/2015
0001334002		CONTACT CLEANER 2000		OZ	05/05/2015
0001334001		CONTACT CLEANER 2000		OZ	05/05/2015
0001334003		CONTACT CLEANER 2000		OZ	05/05/2015
0001334066		VACUUM OIL, ULTRA GRADE 19		OZ I	05/05/2015 05/05/2015
0001333995		CONTACT CLEANER 2000		OZ	05/05/2015
0001333457		PREMIUM BLUE 15W40 DIESEL OIL		gal	05/05/2015
0001333458		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	05/05/2015
0001333460		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	05/05/2015
0001334076		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334075		CONTACT CLEANER 2000		OZ	05/05/2015
0001334074		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334073		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334072		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334071		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334070		CONTACT CLEANER 2000		OZ	05/05/2015
0001334065		CONTACT CLEANER 2000	13	OZ	05/05/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001334068		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001333999		CONTACT CLEANER 2000	13	oz	05/05/2015
0001334064		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001333991		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001333461		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	05/05/2015
0001333462		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	05/05/2015
0001333463		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	05/05/2015
0001333464		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	05/05/2015
0001333465		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	05/05/2015
0001333466		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	05/05/2015
0001333467		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	05/05/2015
0001333468		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	05/05/2015
0001333996		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001333997		CONTACT CLEANER 2000	13	oz	05/05/2015
0001333998		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334069		CONTACT CLEANER 2000		OZ	05/05/2015
0001340392	10034-85-2	HYDRIODIC ACID		ml	05/05/2015
0001334105		CONTACT CLEANER 2000		OZ	05/05/2015
0001334106		CONTACT CLEANER 2000		OZ	05/05/2015
0001334107		CONTACT CLEANER 2000		OZ	05/05/2015
0001334108 0001334109		CONTACT CLEANER 2000 CONTACT CLEANER 2000		OZ OZ	05/05/2015 05/05/2015
0001334109		CONTACT CLEANER 2000		OZ OZ	05/05/2015
0001334110		CONTACT CLEANER 2000		OZ OZ	05/05/2015
0001334111		CONTACT CLEANER 2000		OZ	05/05/2015
0001334113		CONTACT CLEANER 2000		OZ	05/05/2015
0001340388	7553-56-2	IODINE		gm	05/05/2015
0001333496		SPRAY PAINT BLUE		oz	05/05/2015
0001340391	10034-85-2	HYDRIODIC ACID		ml	05/05/2015
0001334102		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001340393	10034-85-2	HYDRIODIC ACID	50	ml	05/05/2015
0001334025		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334026		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334027		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334028		CONTACT CLEANER 2000		OZ	05/05/2015
0001334029		CONTACT CLEANER 2000		OZ	05/05/2015
0001334030		CONTACT CLEANER 2000	13	OZ	05/05/2015

Barcode	CAS#	Chemical Name	Container	Unit of	Date
			Size	Measure	
0001334031		CONTACT CLEANER 2000		OZ	05/05/2015
0001334032		CONTACT CLEANER 2000		OZ	05/05/2015
0001334033		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001340628		VACUUM OIL, ULTRA GRADE 19	1	I	05/05/2015
0001340389		Methylamine solution	250	ml	05/05/2015
0001334091		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334078		CONTACT CLEANER 2000		OZ	05/05/2015
0001334079		CONTACT CLEANER 2000		oz	05/05/2015
0001334080		CONTACT CLEANER 2000		OZ	05/05/2015
0001334081		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334082		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334083		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334084		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334085		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334086		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334087		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334088		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334104		CONTACT CLEANER 2000	13	oz	05/05/2015
0001334090		CONTACT CLEANER 2000	13	oz	05/05/2015
0001334103		CONTACT CLEANER 2000	13	oz	05/05/2015
0001334092		CONTACT CLEANER 2000	13	oz	05/05/2015
0001334093		CONTACT CLEANER 2000	13	oz	05/05/2015
0001334094		CONTACT CLEANER 2000	13	oz	05/05/2015
0001334095		CONTACT CLEANER 2000	13	oz	05/05/2015
0001334096		CONTACT CLEANER 2000	13	oz	05/05/2015
0001334097		CONTACT CLEANER 2000	13	oz	05/05/2015
0001334098		CONTACT CLEANER 2000	13	oz	05/05/2015
0001334099		CONTACT CLEANER 2000	13	oz	05/05/2015
0001334100		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334101		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001333497		SPRAY PAINT BLUE	12	OZ	05/05/2015
0001334089		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334047		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001340698		ChampLub	1	qt	05/05/2015
0001340697		ChampLub		qt	05/05/2015
0001340696		ChampLub		qt	05/05/2015
0001340695		ChampLub		qt	05/05/2015
0001340694		ChampLub		qt	05/05/2015
0001340693		ChampLub		qt	05/05/2015
0001334041		CONTACT CLEANER 2000		OZ	05/05/2015
0001334042		CONTACT CLEANER 2000		OZ	05/05/2015
0001334043		CONTACT CLEANER 2000		OZ	05/05/2015
0001334044		CONTACT CLEANER 2000		OZ	05/05/2015
0001333495		SPRAY PAINT BLUE		OZ	05/05/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001334046		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001340837	93-04-9	2-METHOXYNAPHTHALENE	100	gm	05/05/2015
0001334048		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334017		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334016		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334015		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334014		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334013		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334012		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334011		CONTACT CLEANER 2000		OZ	05/05/2015
0001334010		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334009		CONTACT CLEANER 2000		OZ	05/05/2015
0001334008		CONTACT CLEANER 2000		OZ	05/05/2015
0001334045		CONTACT CLEANER 2000	13	oz	05/05/2015
0001333469		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	05/05/2015
0001333498		SPRAY PAINT BLUE	12	OZ	05/05/2015
0001333499		SPRAY PAINT BLUE	12	OZ	05/05/2015
0001333500		SPRAY PAINT BLUE	12	OZ	05/05/2015
0001340692		ChampLub	1	qt	05/05/2015
0001340691		ChampLub	1	qt	05/05/2015
0001340690		ChampLub	1	qt	05/05/2015
0001340689		ChampLub	1	qt	05/05/2015
0001340688		ChampLub	1	qt	05/05/2015
0001340687		ChampLub	1	qt	05/05/2015
0001340632		VACUUM OIL, ULTRA GRADE 19	1	ı	05/05/2015
0001340631		VACUUM OIL, ULTRA GRADE 19	1	I	05/05/2015
0001340699		FANTASTIKE ALL PURPOSE CLEANER	1	gal	05/05/2015
0001340629		VACUUM OIL, ULTRA GRADE 19	1	I	05/05/2015
0001340836	98-86-2	ACETOPHENONE	100	ml	05/05/2015
0001340627		VACUUM OIL, ULTRA GRADE 19	1	ı	05/05/2015
0001334034		CONTACT CLEANER 2000	13	oz	05/05/2015
0001334035		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334036		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334037		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334038		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334039		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334040		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334957	7732-18-5	Hydrochloric Acid 30-31%	3000	lb	05/05/2015
0001334956	7732-18-5	Hydrochloric Acid 30-31%	3000	lb	05/05/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001334007		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334077		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334018		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001340704		FANTASTIKE ALL PURPOSE CLEANER	1	gal	05/05/2015
0001340703		FANTASTIKE ALL PURPOSE CLEANER	1	gal	05/05/2015
0001340702		FANTASTIKE ALL PURPOSE CLEANER	1	gal	05/05/2015
0001340701		FANTASTIKE ALL PURPOSE CLEANER	1	gal	05/05/2015
0001340700		FANTASTIKE ALL PURPOSE CLEANER	1	gal	05/05/2015
0001340390		Methylamine solution	250	ml	05/05/2015
0001334024		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334023		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334022		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334021		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001333475		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	05/05/2015
0001334019		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001333447		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	05/05/2015
0001334134		CONTACT CLEANER 2000	13	oz	05/05/2015
0001334133		CONTACT CLEANER 2000	13	oz	05/05/2015
0001334132		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001333483		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	05/05/2015
0001333482		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	05/05/2015
0001333481		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	05/05/2015
0001333480		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	05/05/2015
0001333479		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	05/05/2015
0001333478		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	05/05/2015
0001333477		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	05/05/2015
0001333476		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	05/05/2015
0001334020		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334062		CONTACT CLEANER 2000		OZ	05/05/2015
0001334049		CONTACT CLEANER 2000	-	oz	05/05/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001334050		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334051		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334052		CONTACT CLEANER 2000	-	OZ	05/05/2015
0001334053		CONTACT CLEANER 2000		OZ	05/05/2015
0001334054		CONTACT CLEANER 2000		OZ	05/05/2015
0001334055		CONTACT CLEANER 2000		OZ	05/05/2015
0001334056		CONTACT CLEANER 2000		OZ	05/05/2015
0001334057		CONTACT CLEANER 2000 CONTACT CLEANER 2000		OZ OZ	05/05/2015
0001334058 0001334059		CONTACT CLEANER 2000		OZ OZ	05/05/2015 05/05/2015
0001334039		PREMIUM BLUE 15W40 DIESEL OIL		gal	05/05/2015
0001333443		CONTACT CLEANER 2000		OZ	05/05/2015
0001334001		CONTACT CLEANER 2000	13	02	03/03/2013
0001333446		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	05/05/2015
0001311262		QD ELECTRONIC CLEANER	11	OZ	05/05/2015
0001333456		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	05/05/2015
0001333455		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	05/05/2015
0001333459		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	05/05/2015
0001333453		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	05/05/2015
0001334114		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001333451		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	05/05/2015
0001333450		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	05/05/2015
0001333449		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	05/05/2015
0001333448		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	05/05/2015
0001333452		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	05/05/2015
0001334060		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001333473		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	05/05/2015
0001334118		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334119		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334120		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334121		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001333474		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	05/05/2015
0001334122		CONTACT CLEANER 2000	13	OZ	05/05/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001333470		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	05/05/2015
0001334124		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334117		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001340585	76-05-1	TRIFLUOROACETIC ACID	500	gm	05/05/2015
0001334123		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001333472		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	05/05/2015
0001333471		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	05/05/2015
0001340584	76-05-1	TRIFLUOROACETIC ACID	500	gm	05/05/2015
0001340583	76-05-1	TRIFLUOROACETIC ACID		gm	05/05/2015
0001333454		PREMIUM BLUE 15W40 DIESEL OIL	1	gal	05/05/2015
0001340534	23746-81-8	2-(2-Naphthyl)indole	5	gm	05/05/2015
0001340394	10034-85-2	HYDRIODIC ACID		ml	05/05/2015
0001340532	1314-11-0	STRONTIUM OXIDE	25	gm	05/05/2015
0001340533	15746-57-3	cis-Bis(2,2'- bipyridine)dichlororuthenium(II) dihydrate	1	gm	05/05/2015
0001333992		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334127		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001333993		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334116		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334125		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334126		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334128		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334129		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334130		CONTACT CLEANER 2000	13	oz	05/05/2015
0001334115		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001334131		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001340582	608-30-0	2,6-DIBROMOANILINE	10	gm	05/05/2015
0001340538	10277-43-7	LANTHANUM (III) NITRATE HEXHYDRATE	25	gm	05/05/2015
0001333994		CONTACT CLEANER 2000	13	OZ	05/05/2015
0001311263		QD ELECTRONIC CLEANER	11	OZ	05/05/2015
0001340607		1-nitro-3,5-dinitroso-1,3,5- triazacyclohexane	10	mg	05/06/2015
0001340608		1,3,5-TRINITROSO-1,3,5- TRIAZACYCLOHEXANE	10	mg	05/06/2015
0001238342		MULTI-PURPOSE SUPER WHITE GREASE	14	OZ	05/06/2015
0001340609		1-NITROSO-3,5-DINITRO O-1,3,5- TRIAZACYCLOHEXANE	10	mg	05/06/2015
0001311370	1	10W-30 SAE MOTOR OIL	1	lb	05/06/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001240031		BATTERY CLEANER	11	OZ	05/06/2015
0001340610		METTHYLENEDINITRAMINE	10	mg	05/06/2015
0001339075		DESI PAK	300	ugm	05/06/2015
0001340611		4-NITRO-2,4-DIAZABUTANAL	10	mg	05/06/2015
0001340682		TUNGSTEN STANDARD	125	ml	05/07/2015
0001340681	7440-61-1	URANIUM STANDARD SOLUTION	125	ml	05/07/2015
0001340680	1336-21-6	AMMONIUM HYDROXIDE, 28-30%	2.5	I	05/07/2015
0001340679	1336-21-6	AMMONIUM HYDROXIDE, 28-30%	2.5	I	05/07/2015
0001340678	1336-21-6	AMMONIUM HYDROXIDE, 28-30%	2.5	I	05/07/2015
0001340677	1336-21-6	AMMONIUM HYDROXIDE, 28-30%	2.5	I	05/07/2015
0001340676	1336-21-6	AMMONIUM HYDROXIDE, 28-30%	2.5	I	05/07/2015
0001340675	1336-21-6	AMMONIUM HYDROXIDE, 28-30%	2.5	I	05/07/2015
0001339080		DESI PAK	300	ugm	05/07/2015
0001340612	455-18-5	ALPHA,ALPHA,ALPHA-TRIFLUORO-P- TOLUNITRILE	25	gm	05/07/2015
0001340586	503-17-3	2-BUTYNE	5	gm	05/07/2015
0001340540	68987-32-6	cyanogen bromide-activated		gm	05/07/2015
0001340539		No Clean Rosin Flux	125	ml	05/07/2015
0001339086		DESI PAK	300	ugm	05/07/2015
0001339085		DESI PAK		ugm	05/07/2015
0001339081		DESI PAK	300	ugm	05/07/2015
0001339083		DESI PAK	300	ugm	05/07/2015
0001339082		DESI PAK	300	ugm	05/07/2015
0001340683		TRACE METALS SAMPLE	20	ml	05/07/2015
0001339084		DESI PAK	300	ugm	05/07/2015
0001334934		Loctite X-NMS Clean Up Solvent	52	ml	05/07/2015
0001340811	67-63-0	ISOPROPYL ALCOHOL	1	I	05/07/2015
0001340812	14017-39-1	IRON(II) SULFAMATE	250	gm	05/07/2015
0001340813		DESI PAK	250	gm	05/07/2015
0001340814		DESI PAK	250	gm	05/07/2015
0001340815		DESI PAK	250	gm	05/07/2015
0001340831	28077-64-7	ACETOPHENONE-2',3',4',5',	5	gm	05/07/2015
0001340832	28077-64-7	ACETOPHENONE-2',3',4',5',	5	gm	05/07/2015
0001340833	28077-64-7	ACETOPHENONE-2',3',4',5',		gm	05/07/2015
0001340834	28077-64-7	ACETOPHENONE-2',3',4',5',	5	gm	05/07/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001340835	28077-64-7	ACETOPHENONE-2',3',4',5',		gm	05/07/2015
0001334960	1310-73-2	Sodium Hydroxide 25%	3400		05/07/2015
0001334961	1310-73-2	Sodium Hydroxide 25%	3400		05/07/2015
0001334933		LOCTITE 680 RETAININ		ml	05/07/2015
0001339079		DESI PAK		ugm	05/07/2015
0001340684	7440-41-7	BERYLLIUM STANDARD	125	ml	05/07/2015
0001311406		WINDSHIELD WASHER FLUID	1	gal	05/07/2015
0001311405		WINDSHIELD WASHER FLUID	1	gal	05/07/2015
0001311404		WINDSHIELD WASHER FLUID	1	gal	05/07/2015
0001311403		ANTIFREEZE/COOLANT	1	gal	05/07/2015
0001311402		ANTIFREEZE/COOLANT	1	gal	05/07/2015
0001311394		MULTI-PURPOSE GREASE	14.1	OZ	05/07/2015
0001340708		ICAP TUNE SOLUTION	500		05/07/2015
0001340707		Tip Tinner		gm	05/07/2015
0001340706	1309-42-8	MAGNESIUM HYDROXIDE		gm	05/07/2015
0001340705		DRIERITE DESSICANT	-	lb	05/07/2015
0001340686	1665-00-5	METHYLENE CHLORIDE-D2	0.75		05/07/2015
0001340685	1665-00-5	METHYLENE CHLORIDE-D2	0.75		05/07/2015
0001334962	1310-73-2	Sodium Hydroxide 25%	3400	lb	05/07/2015
0001340674	1336-21-6	AMMONIUM HYDROXIDE, 28-30%	2.5	I	05/07/2015
0001340648	1336-21-6	AMMONIUM HYDROXIDE, 28-30%	2.5	ı	05/07/2015
0001311376		DX-111/M ATF	1	qt	05/07/2015
0001311375		DX-111/M ATF	1	qt	05/07/2015
0001311374		DX-111/M ATF	1	qt	05/07/2015
0001311371		GASOILA THREAD SEALANT WITH PTFE	237		05/07/2015
0001340804		Micro-Melt 304L	5	kg	05/07/2015
0001311372		DRY FILM MOLY LUBRICANT LU 200	11	oz	05/07/2015
0001340803		Micro-Melt 304L	5	kg	05/07/2015
0001340673	1336-21-6	AMMONIUM HYDROXIDE, 28-30%	2.5	I	05/07/2015
0001340672	1336-21-6	AMMONIUM HYDROXIDE, 28-30%	2.5	I	05/07/2015
0001340671	1336-21-6	AMMONIUM HYDROXIDE, 28-30%	2.5	I	05/07/2015
0001340670	1336-21-6	AMMONIUM HYDROXIDE, 28-30%	2.5	I	05/07/2015
0001340669	1336-21-6	AMMONIUM HYDROXIDE, 28-30%	2.5	l	05/07/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001340668	1336-21-6	AMMONIUM HYDROXIDE, 28-30%	2.5	I	05/07/2015
0001311373		CHAIN AND CABLE FLUID	11	OZ	05/07/2015
0001311386		CARB AND CHOKE CLEANER	13	oz	05/07/2015
0001311377		DX-111/M ATF	1	qt	05/07/2015
0001311378		POWER STEERING FLUID		qt	05/07/2015
0001311379		POWER STEERING FLUID		qt	05/07/2015
0001311381		POWER STEERING FLUID		qt	05/07/2015
0001311382		STARTING FLUID	10.7		05/07/2015
0001340805		Micro-Melt 304L		kg	05/07/2015
0001311385		CARB AND CHOKE CLEANER	13	OZ	05/07/2015
0001340665	1336-21-6	AMMONIUM HYDROXIDE, 28-30%	2.5	I	05/07/2015
0001311387		CARB AND CHOKE CLEANER	13	OZ	05/07/2015
0001311388		BRAKLEEN	14	OZ	05/07/2015
0001311389		BRAKLEEN	14	oz	05/07/2015
0001311390		BRAKLEEN	14	OZ	05/07/2015
0001311391		BRAKLEEN	14	OZ	05/07/2015
0001340802		Micro-Melt 304L	5	kg	05/07/2015
0001311384		CARB AND CHOKE CLEANER	13	OZ	05/07/2015
0001340649	1336-21-6	AMMONIUM HYDROXIDE, 28-30%	2.5	I	05/07/2015
0001340650	1336-21-6	AMMONIUM HYDROXIDE, 28-30%	2.5	I	05/07/2015
0001340635	1336-21-6	AMMONIUM HYDROXIDE, 28-30%	2.5	I	05/07/2015
0001340634	1336-21-6	AMMONIUM HYDROXIDE, 28-30%	2.5	I	05/07/2015
0001340633	1336-21-6	AMMONIUM HYDROXIDE, 28-30%	2.5	I	05/07/2015
0001340614	129322-83-4	2',4',5'-Trifluoroacetophenone	5	gm	05/07/2015
0001340667	1336-21-6	AMMONIUM HYDROXIDE, 28-30%	2.5	I	05/07/2015
0001334959	1310-73-2	Sodium Hydroxide 25%	3400	lb	05/07/2015
0001340651	1336-21-6	AMMONIUM HYDROXIDE, 28-30%	2.5	I	05/07/2015
0001340809		Micro-Melt 304L	5	kg	05/07/2015
0001340647	1336-21-6	AMMONIUM HYDROXIDE, 28-30%	2.5	I	05/07/2015
0001340646	1336-21-6	AMMONIUM HYDROXIDE, 28-30%	2.5	I	05/07/2015
0001340645	1336-21-6	AMMONIUM HYDROXIDE, 28-30%	2.5	I	05/07/2015
0001339076		DESI PAK	300	ugm	05/07/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001339077		DESI PAK	300	ugm	05/07/2015
0001340613	2170-06-1	1-PHENYL-2-(TRIMETHYLSILYL)ACETYLENE	10	gm	05/07/2015
0001340657	1336-21-6	AMMONIUM HYDROXIDE, 28-30%	2.5	I	05/07/2015
0001339078		DESI PAK	300	ugm	05/07/2015
0001340664	1336-21-6	AMMONIUM HYDROXIDE, 28-30%	2.5	I	05/07/2015
0001340663	1336-21-6	AMMONIUM HYDROXIDE, 28-30%	2.5	I	05/07/2015
0001340662	1336-21-6	AMMONIUM HYDROXIDE, 28-30%	2.5	I	05/07/2015
0001340661	1336-21-6	AMMONIUM HYDROXIDE, 28-30%	2.5	I	05/07/2015
0001340660	1336-21-6	AMMONIUM HYDROXIDE, 28-30%	2.5	I	05/07/2015
0001340636	1336-21-6	AMMONIUM HYDROXIDE, 28-30%	2.5	I	05/07/2015
0001340658	1336-21-6	AMMONIUM HYDROXIDE, 28-30%	2.5	I	05/07/2015
0001340637	1336-21-6	AMMONIUM HYDROXIDE, 28-30%	2.5	I	05/07/2015
0001340656	1336-21-6	AMMONIUM HYDROXIDE, 28-30%	2.5	I	05/07/2015
0001340655	1336-21-6	AMMONIUM HYDROXIDE, 28-30%	2.5	I	05/07/2015
0001340654	1336-21-6	AMMONIUM HYDROXIDE, 28-30%	2.5	I	05/07/2015
0001340653	1336-21-6	AMMONIUM HYDROXIDE, 28-30%	2.5	I	05/07/2015
0001340652	1336-21-6	AMMONIUM HYDROXIDE, 28-30%	2.5	I	05/07/2015
0001340666	1336-21-6	AMMONIUM HYDROXIDE, 28-30%	2.5	I	05/07/2015
0001340659	1336-21-6	AMMONIUM HYDROXIDE, 28-30%	2.5	I	05/07/2015
0001340767		Micro-Melt 304L	5	kg	05/07/2015
0001340808		Micro-Melt 304L		kg	05/07/2015
0001311397		MULTI-PURPOSE GREASE	14.1		05/07/2015
0001333486		CLOROX	3.78	•	05/07/2015
0001333485		CLOROX	3.78	•	05/07/2015
0001333501		TRANE OIL00045		gal	05/07/2015
0001311401 0001340800		LOCTITE THREADLOCKER Micro-Melt 304L		ml kg	05/07/2015 05/07/2015

Barcode	CAS#	Chemical Name	Container	Unit of	Date
Barcode	CA3#	Chemical Name	Size	Measure	Date
0001311400		LOCTITE THREADLOCKER	10	ml	05/07/2015
0001340801		Micro-Melt 304L	5	kg	05/07/2015
0001311399		LOCTITE THREADLOCKER	10	ml	05/07/2015
0001340779		Micro-Melt 304L	5	kg	05/07/2015
0001340766		Micro-Melt 304L	5	kg	05/07/2015
0001311395		MULTI-PURPOSE GREASE	14.1	oz	05/07/2015
0001340768		Micro-Melt 304L	5	kg	05/07/2015
0001340769		Micro-Melt 304L	5	kg	05/07/2015
0001340763		Micro-Melt 304L	5	kg	05/07/2015
0001340771		Micro-Melt 304L	5	kg	05/07/2015
0001340773		Micro-Melt 304L		kg	05/07/2015
0001340774		Micro-Melt 304L		kg	05/07/2015
0001340775		Micro-Melt 304L		kg	05/07/2015
0001340776		Micro-Melt 304L		kg	05/07/2015
0001340777		Micro-Melt 304L		kg	05/07/2015
0001340778		Micro-Melt 304L		kg	05/07/2015
0001311398	67-56-1	HEET Gas Line Antifreeze		oz	05/07/2015
0001340799		Micro-Melt 304L	5	kg	05/07/2015
0001340786		Micro-Melt 304L		kg	05/07/2015
0001340787		Micro-Melt 304L	5	kg	05/07/2015
0001340788		Micro-Melt 304L		kg	05/07/2015
0001340789		Micro-Melt 304L		kg	05/07/2015
0001340790		Micro-Melt 304L		kg	05/07/2015
0001340791		Micro-Melt 304L		kg	05/07/2015
0001340762		Micro-Melt 304L		kg	05/07/2015
0001340761		Micro-Melt 304L		kg	05/07/2015
0001340797		Micro-Melt 304L		kg	05/07/2015
0001340760		Micro-Melt 304L		kg	05/07/2015
0001311396		MULTI-PURPOSE GREASE	14.1		05/07/2015
0001340798		Micro-Melt 304L		kg	05/07/2015
0001311380		POWER STEERING FLUID		qt	05/07/2015
0001340792		Micro-Melt 304L		kg	05/07/2015
0001340793		Micro-Melt 304L		kg	05/07/2015
0001340644	1336-21-6	AMMONIUM HYDROXIDE, 28-30%	2.5		05/07/2015
0001340643	1336-21-6	AMMONIUM HYDROXIDE, 28-30%	2.5	l	05/07/2015
0001340642	1336-21-6	AMMONIUM HYDROXIDE, 28-30%	2.5	I	05/07/2015
0001340794		Micro-Melt 304L	5	kg	05/07/2015
0001340795		Micro-Melt 304L		kg	05/07/2015
0001340796		Micro-Melt 304L		kg	05/07/2015
0001340790		LACQUER PAINT HOT ROD BLACK		OZ	05/07/2015
0001311332		DACCOLK FAIRT HOT NOD BLACK	12	J.	03/07/2013

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001311393		LACQUER PAINT HOT ROD BLACK	12	oz	05/07/2015
0001340772		Micro-Melt 304L	5	kg	05/07/2015
0001340759		Micro-Melt 304L	5	kg	05/07/2015
0001340810	67-63-0	ISOPROPYL ALCOHOL	1	I	05/07/2015
0001340640	1336-21-6	AMMONIUM HYDROXIDE, 28-30%	2.5	I	05/07/2015
0001340641	1336-21-6	AMMONIUM HYDROXIDE, 28-30%	2.5	I	05/07/2015
0001340638	1336-21-6	AMMONIUM HYDROXIDE, 28-30%	2.5	I	05/07/2015
0001340780		Micro-Melt 304L	5	kg	05/07/2015
0001340770		Micro-Melt 304L	5	kg	05/07/2015
0001340785		Micro-Melt 304L	5	kg	05/07/2015
0001340838	652-29-9	2',3',4',5',6'-Pentafluoroacetophenone	10	gm	05/07/2015
0001340784		Micro-Melt 304L	5	kg	05/07/2015
0001340639	1336-21-6	AMMONIUM HYDROXIDE, 28-30%	2.5	I	05/07/2015
0001340782		Micro-Melt 304L	5	kg	05/07/2015
0001333502		TRANE OIL00045		gal	05/07/2015
0001340781		Micro-Melt 304L	5	kg	05/07/2015
0001340807		Micro-Melt 304L	5	kg	05/07/2015
0001340806		Micro-Melt 304L	5	kg	05/07/2015
0001340783		Micro-Melt 304L	5	kg	05/07/2015
0001311407		WINDSHIELD WASHER FLUID	1	gal	05/07/2015
0001340765		Micro-Melt 304L	5	kg	05/07/2015
0001333503		TRANE OIL00045		gal	05/07/2015
0001340764		Micro-Melt 304L	5	kg	05/07/2015
0001381401	7782-42-5	GRAPHITE	5	qt	05/07/2015
0001333557		HIT-RE 500 SD	16.9	OZ	05/08/2015
0001333554		HIT-RE 500 SD	16.9		05/08/2015
0001333553		HIT-RE 500 SD	16.9		05/08/2015
0001333552		HIT-RE 500 SD	16.9		05/08/2015
0001333558		HIT-RE 500 SD	16.9		05/08/2015
0001333701		HIT-RE 500 SD	16.9		05/08/2015
0001333556		HIT-RE 500 SD	16.9		05/08/2015
0001333555		HIT-RE 500 SD	16.9		05/08/2015
0001333444		ready mix concrete		lb	05/08/2015
0001333443		ready mix concrete		lb lb	05/08/2015
0001333442 0001333441		ready mix concrete ready mix concrete		lb	05/08/2015 05/08/2015
0001333441		ready mix concrete		lb	05/08/2015
0001333428		ready mix concrete		lb	05/08/2015

Barcode	CAS#	Chemical Name	Container	Unit of	Date
	0.10		Size	Measure	
0001333570		HIT-RE 500 SD	16.9		05/08/2015
0001333700		HIT-RE 500 SD	16.9		05/08/2015
0001333699		HIT-RE 500 SD	16.9		05/08/2015
0001333698		HIT-RE 500 SD	16.9		05/08/2015
0001333440		ready mix concrete	60		05/08/2015
0001333567		HIT-RE 500 SD	16.9		05/08/2015
0001333562		HIT-RE 500 SD	16.9		05/08/2015
0001333436		ready mix concrete	60		05/08/2015
0001333435		ready mix concrete	60		05/08/2015
0001333434		ready mix concrete	60		05/08/2015
0001333419		ready mix concrete	60		05/08/2015
0001333433		ready mix concrete	60		05/08/2015
0001333432		ready mix concrete	60		05/08/2015
-		ready mix concrete	60		05/08/2015
0001333438 0001333563		ready mix concrete HIT-RE 500 SD	16.9		05/08/2015
		HIT-RE 500 SD	16.9		05/08/2015
0001333564 0001333572		HIT-RE 500 SD	16.9		05/08/2015 05/08/2015
0001333572		HIT-RE 500 SD	16.9		05/08/2015
0001333559		HIT-RE 500 SD	16.9		05/08/2015
0001333559		HIT-RE 500 SD	16.9		05/08/2015
0001333598		HIT-RE 500 SD	16.9		05/08/2015
0001333338		ready mix concrete	60		05/08/2015
0001333431		ready mix concrete	60		05/08/2015
0001333429		ready mix concrete	60		05/08/2015
0001333583		HIT-RE 500 SD	16.9		05/08/2015
0001333569		HIT-RE 500 SD	16.9		05/08/2015
0001333571		HIT-RE 500 SD	16.9		05/08/2015
0001333573		HIT-RE 500 SD	16.9		05/08/2015
0001333574		HIT-RE 500 SD	16.9		05/08/2015
0001333561		HIT-RE 500 SD	16.9		05/08/2015
0001333560		HIT-RE 500 SD	16.9		05/08/2015
0001333565		HIT-RE 500 SD	16.9		05/08/2015
0001333550		ITW RED HEAD ADHESIVE		oz	05/08/2015
0001333540		ITW RED HEAD ADHESIVE		oz	05/08/2015
0001333541		ITW RED HEAD ADHESIVE		oz	05/08/2015
0001333542		ITW RED HEAD ADHESIVE	28	oz	05/08/2015
0001333543		ITW RED HEAD ADHESIVE	28	oz	05/08/2015
0001333544		ITW RED HEAD ADHESIVE	28	OZ	05/08/2015
0001333548		ITW RED HEAD ADHESIVE	28	oz	05/08/2015
0001333546		ITW RED HEAD ADHESIVE	28	OZ	05/08/2015
0001333537		ITW RED HEAD ADHESIVE	28	OZ	05/08/2015
0001333551		ITW RED HEAD ADHESIVE	28	OZ	05/08/2015
0001333522		ITW RED HEAD ADHESIVE	28	OZ	05/08/2015
0001333521		ITW RED HEAD ADHESIVE	28	OZ	05/08/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001333520		ITW RED HEAD ADHESIVE		OZ	05/08/2015
0001333519		ITW RED HEAD ADHESIVE	28	oz	05/08/2015
0001333417		ready mix concrete	60	lb	05/08/2015
0001333545		ITW RED HEAD ADHESIVE	28	oz	05/08/2015
0001333531		ITW RED HEAD ADHESIVE	28	oz	05/08/2015
0001333523		ITW RED HEAD ADHESIVE	28	oz	05/08/2015
0001333524		ITW RED HEAD ADHESIVE	28	oz	05/08/2015
0001333525		ITW RED HEAD ADHESIVE		OZ	05/08/2015
0001333526		ITW RED HEAD ADHESIVE	28	oz	05/08/2015
0001333527		ITW RED HEAD ADHESIVE		oz	05/08/2015
0001333528		ITW RED HEAD ADHESIVE		oz	05/08/2015
0001333539		ITW RED HEAD ADHESIVE		oz	05/08/2015
0001333530		ITW RED HEAD ADHESIVE		OZ	05/08/2015
0001333538		ITW RED HEAD ADHESIVE		OZ	05/08/2015
0001333532		ITW RED HEAD ADHESIVE		OZ	05/08/2015
0001333533		ITW RED HEAD ADHESIVE		OZ	05/08/2015
0001333534		ITW RED HEAD ADHESIVE		OZ	05/08/2015
0001333535		ITW RED HEAD ADHESIVE ITW RED HEAD ADHESIVE		OZ	05/08/2015
0001333536 0001333517		ITW RED HEAD ADHESIVE		oz oz	05/08/2015 05/08/2015
0001333517		ITW RED HEAD ADHESIVE		OZ OZ	05/08/2015
0001333329		ready mix concrete	60		05/08/2015
0001333410		ready mix concrete	60		05/08/2015
0001333578		HIT-RE 500 SD	16.9		05/08/2015
0001333577		HIT-RE 500 SD	16.9		05/08/2015
0001333576		HIT-RE 500 SD	16.9		05/08/2015
0001333575		HIT-RE 500 SD	16.9	oz	05/08/2015
0001333518		ITW RED HEAD ADHESIVE	28	oz	05/08/2015
0001333418		ready mix concrete	60	lb	05/08/2015
0001333424		ready mix concrete	60		05/08/2015
0001333415		ready mix concrete	60	lb	05/08/2015
0001333494	65997-15-1	PORTLAND CEMENT	90	lb	05/08/2015
0001333493	65997-15-1	PORTLAND CEMENT	90	lb	05/08/2015
0001333492	65997-15-1	PORTLAND CEMENT	90	lb	05/08/2015
0001333600		HIT-RE 500 SD	16.9	OZ	05/08/2015
0001333582		HIT-RE 500 SD	16.9		05/08/2015
0001333420		ready mix concrete	60		05/08/2015
0001333585		HIT-RE 500 SD	16.9		05/08/2015
0001333516		ITW RED HEAD ADHESIVE		OZ	05/08/2015
0001333515	-	ITW RED HEAD ADHESIVE		OZ	05/08/2015
0001333549	-	ITW RED HEAD ADHESIVE		OZ	05/08/2015
0001333580	-	HIT-RE 500 SD	16.9		05/08/2015
0001333581	-	HIT-RE 500 SD	16.9		05/08/2015
0001333584	1	HIT-RE 500 SD	16.9		05/08/2015
0001333422		ready mix concrete	60	lb	05/08/2015

Barcode	CAS#	Chemical Name	Container	Unit of	Date
2004000740			Size	Measure	0= 100 100 1
0001333513		ITW RED HEAD ADHESIVE		OZ	05/08/2015
0001333423		ready mix concrete	60		05/08/2015
0001333697		HIT-RE 500 SD	16.9		05/08/2015
0001333579		HIT-RE 500 SD	16.9 60		05/08/2015
0001333427 0001333426		ready mix concrete	60		05/08/2015 05/08/2015
0001333425		ready mix concrete ready mix concrete	60		05/08/2015
0001333423	65997-15-1	PORTLAND CEMENT	90		05/08/2015
0001333491	03997-13-1	ITW RED HEAD ADHESIVE		OZ	05/08/2015
0001333314		HIT-RE 500 SD	16.9		05/08/2015
0001333610		HIT-RE 500 SD	16.9		05/08/2015
0001333607		HIT-RE 500 SD	16.9		05/08/2015
0001333609		HIT-RE 500 SD	16.9		05/08/2015
0001333610		HIT-RE 500 SD	16.9		05/08/2015
0001333611		HIT-RE 500 SD	16.9		05/08/2015
0001333612		HIT-RE 500 SD	16.9		05/08/2015
0001333613		HIT-RE 500 SD	16.9		05/08/2015
0001333696		HIT-RE 500 SD	16.9		05/08/2015
0001333615		HIT-RE 500 SD	16.9		05/08/2015
0001333587		HIT-RE 500 SD	16.9		05/08/2015
0001333617		HIT-RE 500 SD	16.9	oz	05/08/2015
0001333619		HIT-RE 500 SD	16.9	oz	05/08/2015
0001333621		HIT-RE 500 SD	16.9	oz	05/08/2015
0001333622		HIT-RE 500 SD	16.9	OZ	05/08/2015
0001333623		HIT-RE 500 SD	16.9	oz	05/08/2015
0001333624		HIT-RE 500 SD	16.9	oz	05/08/2015
0001333625		HIT-RE 500 SD	16.9	oz	05/08/2015
0001333626		HIT-RE 500 SD	16.9	oz	05/08/2015
0001333614		HIT-RE 500 SD	16.9	OZ	05/08/2015
0001333590		HIT-RE 500 SD	16.9	OZ	05/08/2015
0001333666		HIT-RE 500 SD	16.9	OZ	05/08/2015
0001333665		HIT-RE 500 SD	16.9		05/08/2015
0001333664		HIT-RE 500 SD	16.9		05/08/2015
0001333663		HIT-RE 500 SD	16.9		05/08/2015
0001333662		HIT-RE 500 SD	16.9		05/08/2015
0001333661		HIT-RE 500 SD	16.9		05/08/2015
0001333660		HIT-RE 500 SD	16.9		05/08/2015
0001333586		HIT-RE 500 SD	16.9		05/08/2015
0001333658		HIT-RE 500 SD	16.9		05/08/2015
0001333629		HIT-RE 500 SD	16.9		05/08/2015
0001333589		HIT-RE 500 SD	16.9		05/08/2015
0001333588		HIT-RE 500 SD	16.9		05/08/2015
0001333681		HIT-RE 500 SD	16.9		05/08/2015
0001333603		HIT-RE 500 SD	16.9		05/08/2015
0001333604		HIT-RE 500 SD	16.9	OZ	05/08/2015

Barcode	CAS#	Chemical Name	Container	Unit of	Date
Barcode	CAS#	Chemical Name	Size	Measure	Date
0001333605		HIT-RE 500 SD	16.9	OZ	05/08/2015
0001333606		HIT-RE 500 SD	16.9		05/08/2015
0001333607		HIT-RE 500 SD	16.9		05/08/2015
0001333659		HIT-RE 500 SD	16.9		05/08/2015
0001333650		HIT-RE 500 SD	16.9		05/08/2015
0001333506		ITW RED HEAD ADHESIVE		OZ	05/08/2015
0001333505		ITW RED HEAD ADHESIVE		OZ	05/08/2015
0001333511		ITW RED HEAD ADHESIVE		OZ	05/08/2015
0001333504		ITW RED HEAD ADHESIVE		OZ	05/08/2015
0001333655		HIT-RE 500 SD	16.9		05/08/2015
0001333654		HIT-RE 500 SD	16.9		05/08/2015
0001333653 0001333627		HIT-RE 500 SD HIT-RE 500 SD	16.9 16.9		05/08/2015
0001333627		HIT-RE 500 SD	16.9		05/08/2015 05/08/2015
0001333031	65997-15-1	PORTLAND CEMENT	90		05/08/2015
0001333488	03997-13-1	HIT-RE 500 SD	16.9		05/08/2015
0001333648		HIT-RE 500 SD	16.9		05/08/2015
0001333647		HIT-RE 500 SD	16.9		05/08/2015
0001333646		HIT-RE 500 SD	16.9		05/08/2015
0001333642		HIT-RE 500 SD	16.9		05/08/2015
0001333645		HIT-RE 500 SD	16.9		05/08/2015
0001333644		HIT-RE 500 SD	16.9		05/08/2015
0001333643		HIT-RE 500 SD	16.9		05/08/2015
0001333652		HIT-RE 500 SD	16.9	oz	05/08/2015
0001333639		HIT-RE 500 SD	16.9	OZ	05/08/2015
0001333618		HIT-RE 500 SD	16.9	oz	05/08/2015
0001333630		HIT-RE 500 SD	16.9	oz	05/08/2015
0001333631		HIT-RE 500 SD	16.9	oz	05/08/2015
0001333632		HIT-RE 500 SD	16.9	oz	05/08/2015
0001333633		HIT-RE 500 SD	16.9	OZ	05/08/2015
0001333634		HIT-RE 500 SD	16.9		05/08/2015
0001333635		HIT-RE 500 SD	16.9		05/08/2015
0001333636		HIT-RE 500 SD	16.9		05/08/2015
0001333847	65997-15-1	PORTLAND CEMENT	90		05/08/2015
0001333638		HIT-RE 500 SD	16.9		05/08/2015
0001333487	65997-15-1	PORTLAND CEMENT	90		05/08/2015
0001333640		HIT-RE 500 SD	16.9		05/08/2015
0001333641		HIT-RE 500 SD	16.9		05/08/2015
0001333657		HIT-RE 500 SD	16.9		05/08/2015
0001333675		HIT-RE 500 SD	16.9		05/08/2015
0001333656	CE007.45.4	HIT-RE 500 SD	16.9		05/08/2015
0001333490	65997-15-1	PORTLAND CEMENT	90		05/08/2015
0001333489	65997-15-1	PORTLAND CEMENT	90		05/08/2015
0001333628	<u> </u>	HIT-RE 500 SD	16.9		05/08/2015
0001333637		HIT-RE 500 SD	16.9	UΖ	05/08/2015

Barcode	CAS#	Chemical Name	Container	Unit of	Date
Darcode	CA3 ff	Chemical Name	Size	Measure	Date
0001333687		HIT-RE 500 SD	16.9	oz	05/08/2015
0001333507		ITW RED HEAD ADHESIVE	28	oz	05/08/2015
0001333508		ITW RED HEAD ADHESIVE	28	oz	05/08/2015
0001333510		ITW RED HEAD ADHESIVE	28	oz	05/08/2015
0001333680		HIT-RE 500 SD	16.9	oz	05/08/2015
0001333671		HIT-RE 500 SD	16.9	oz	05/08/2015
0001333672		HIT-RE 500 SD	16.9	oz	05/08/2015
0001333673		HIT-RE 500 SD	16.9	oz	05/08/2015
0001333674		HIT-RE 500 SD	16.9	oz	05/08/2015
0001333512		ITW RED HEAD ADHESIVE	28	oz	05/08/2015
0001333678		HIT-RE 500 SD	16.9	oz	05/08/2015
0001333688		HIT-RE 500 SD	16.9	oz	05/08/2015
0001333509		ITW RED HEAD ADHESIVE	28	oz	05/08/2015
0001333686		HIT-RE 500 SD	16.9	oz	05/08/2015
0001333620		HIT-RE 500 SD	16.9	oz	05/08/2015
0001333668		HIT-RE 500 SD	16.9	oz	05/08/2015
0001333685		HIT-RE 500 SD	16.9	oz	05/08/2015
0001333684		HIT-RE 500 SD	16.9	oz	05/08/2015
0001333683		HIT-RE 500 SD	16.9	OZ	05/08/2015
0001333679		HIT-RE 500 SD	16.9	OZ	05/08/2015
0001333691		HIT-RE 500 SD	16.9	OZ	05/08/2015
0001333682		HIT-RE 500 SD	16.9	OZ	05/08/2015
0001333689		HIT-RE 500 SD	16.9	OZ	05/08/2015
0001333690		HIT-RE 500 SD	16.9	OZ	05/08/2015
0001333599		HIT-RE 500 SD	16.9	OZ	05/08/2015
0001333676		HIT-RE 500 SD	16.9	OZ	05/08/2015
0001333670		HIT-RE 500 SD	16.9	oz	05/08/2015
0001333597		HIT-RE 500 SD	16.9	oz	05/08/2015
0001333596		HIT-RE 500 SD	16.9	oz	05/08/2015
0001333595		HIT-RE 500 SD	16.9		05/08/2015
0001333601		HIT-RE 500 SD	16.9	oz	05/08/2015
0001333695		HIT-RE 500 SD	16.9		05/08/2015
0001333694		HIT-RE 500 SD	16.9		05/08/2015
0001333677		HIT-RE 500 SD	16.9		05/08/2015
0001333692		HIT-RE 500 SD	16.9		05/08/2015
0001333547		ITW RED HEAD ADHESIVE		oz	05/08/2015
0001333669		HIT-RE 500 SD	16.9		05/08/2015
0001333591		HIT-RE 500 SD	16.9		05/08/2015
0001333592		HIT-RE 500 SD	16.9		05/08/2015
0001333693		HIT-RE 500 SD	16.9		05/08/2015
0001333593		HIT-RE 500 SD	16.9		05/08/2015
0001333594		HIT-RE 500 SD	16.9		05/08/2015
00013333602		HIT-RE 500 SD	16.9		05/08/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001340817	6035-19-4	2-CHLORO-4-NITROBENZENE DIAZONIUM NAPHTHALENE-2-SULFONATE	5	gm	05/11/2015
0001340820	4076-02-2	SODIUM 2, 3- DIMERCAPTOPROPANESULFONATE MONOHYDRATE 95%	250	mg	05/11/2015
0001340818	16048-40-1	ANTHRAQUINONE-1-DIAZONIUM CHLORIDE	1	gm	05/11/2015
0001200128		FIXER REPLENISHER	19	1	05/11/2015
0001200129		FIXER REPLENISHER	19	I	05/11/2015
0001340819	288-32-4	IMIDAZOLE	500	gm	05/11/2015
0001200133		FIXER REPLENISHER	19	I	05/11/2015
0001200102		DEVELOPER REPLENISHER B	19	I	05/11/2015
0001200104		DEVELOPER REPLENISHER B	19	1	05/11/2015
0001200103		DEVELOPER REPLENISHER B	19	I	05/11/2015
0001200148		FIXER REPLENISHER	19	I	05/11/2015
0001200145		FIXER REPLENISHER	19	I	05/11/2015
0001200144		FIXER REPLENISHER	19	I	05/11/2015
0001200143		FIXER REPLENISHER	19	I	05/11/2015
0001200142		FIXER REPLENISHER	19	I	05/11/2015
0001200141		FIXER REPLENISHER	19	I	05/11/2015
0001200140		FIXER REPLENISHER	19	I	05/11/2015
0001200139		FIXER REPLENISHER	19	1	05/11/2015
0001200131		FIXER REPLENISHER	19	I	05/11/2015
0001200147		FIXER REPLENISHER	19	1	05/11/2015
0001200130		FIXER REPLENISHER	19	1	05/11/2015
0001200116		DEVELOPER REPLENISHER B	19	I	05/11/2015
0001200149		FIXER REPLENISHER	19	I	05/11/2015
0001200137		FIXER REPLENISHER	19	1	05/11/2015
0001200136		FIXER REPLENISHER	19	I	05/11/2015
0001200135		FIXER REPLENISHER	19	I	05/11/2015
0001200134		FIXER REPLENISHER	19	I	05/11/2015
0001200146		FIXER REPLENISHER	19	1	05/11/2015
0001200132		FIXER REPLENISHER	19	1	05/11/2015
0001200138		FIXER REPLENISHER	19	1	05/11/2015
0001200122		DEVELOPER REPLENISHER B	19	I	05/11/2015
0001200127		FIXER REPLENISHER	19	1	05/11/2015
0001200126		FIXER REPLENISHER	19	I	05/11/2015
0001200125		DEVELOPER REPLENISHER B	19	I	05/11/2015
0001200114		DEVELOPER REPLENISHER B	19	1	05/11/2015
0001200123		DEVELOPER REPLENISHER B	19	1	05/11/2015
0001340816		PASCO 9046 Pipe Primer	1	qt	05/11/2015
0001200121		DEVELOPER REPLENISHER B	19	1	05/11/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001200120		DEVELOPER REPLENISHER B	19		05/11/2015
0001200119		DEVELOPER REPLENISHER B	19		05/11/2015
0001200118		DEVELOPER REPLENISHER B	19		05/11/2015
0001200117		DEVELOPER REPLENISHER B	19	I	05/11/2015
0001200115		DEVELOPER REPLENISHER B	19	I	05/11/2015
0001200107		DEVELOPER REPLENISHER B	19	I	05/11/2015
0001200124		DEVELOPER REPLENISHER B	19	I	05/11/2015
0001334955		INDIUM IN 2% OR 5% HNO3	30	ml	05/11/2015
0001200106		DEVELOPER REPLENISHER B	19	I	05/11/2015
0001200105		DEVELOPER REPLENISHER B	19	I	05/11/2015
0001200108		DEVELOPER REPLENISHER B	19	I	05/11/2015
0001200109		DEVELOPER REPLENISHER B	19	I	05/11/2015
0001200110		DEVELOPER REPLENISHER B	19	I	05/11/2015
0001200111		DEVELOPER REPLENISHER B	19	I	05/11/2015
0001200112		DEVELOPER REPLENISHER B	19		05/11/2015
0001200113		DEVELOPER REPLENISHER B	19		05/11/2015
0001320826	60-29-7	DIETHYL-D10 ETHER	100		05/12/2015
0001340921	7697-37-2	NITRIC ACID	2.5		05/12/2015
0001340920	7697-37-2	NITRIC ACID	2.5		05/12/2015
0001340919	7697-37-2	NITRIC ACID	2.5		05/12/2015
0001340923	7697-37-2	NITRIC ACID	2.5		05/12/2015
0001340918	7697-37-2	NITRIC ACID	2.5		05/12/2015
0001340917	7697-37-2	NITRIC ACID	2.5		05/12/2015
0001340922	7697-37-2	NITRIC ACID	2.5		05/12/2015
0001320825	109-99-9	TETRAHYDROFURAN	100		05/12/2015
0001320824	109-99-9	TETRAHYDROFURAN	100	ml	05/12/2015
0000961239	64742-65-0	PUMP OIL	1	<u> </u>	05/12/2015
0000961240	64742-65-0	PUMP OIL	1		05/12/2015
0000961295	64742-65-0	PUMP OIL	1		05/12/2015
0001340916	7697-37-2	NITRIC ACID	2.5	 -	05/12/2015
0000961260	64742-65-0	PUMP OIL	1	 -	05/12/2015
0000961267	64742-65-0	PUMP OIL	1		05/12/2015
0001280452		3M SCOTCH GRIP PLASTIC ADHESIVE - 1099	5	oz	05/12/2015
0000961258	64742-65-0	PUMP OIL	1	I	05/12/2015
0001340710	811-97-2	CRC CONTACT CLEANER	19	OZ	05/12/2015
0001280428		LACQUER THINNER	5	gal	05/12/2015
0001280429		LACQUER THINNER	5	gal	05/12/2015
0001280430		LACQUER THINNER	5	gal	05/12/2015
0001280431		LACQUER THINNER	5	gal	05/12/2015
0001280432		LACQUER THINNER		gal	05/12/2015
0001280433		LACQUER THINNER		gal	05/12/2015
0001340924	7697-37-2	NITRIC ACID	2.5		05/12/2015
0001361981	7440-37-1	ARGON, COMPRESSED	220	cf	05/12/2015
0001280434		LACQUER THINNER	5	gal	05/12/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001280435		LACQUER THINNER	5	gal	05/12/2015
0001340713	811-97-2	CRC CONTACT CLEANER	19	OZ	05/12/2015
0001280450		3M SCOTCH GRIP PLASTIC ADHESIVE - 1099	5	oz	05/12/2015
0001340711	811-97-2	CRC CONTACT CLEANER	19	OZ	05/12/2015
0001280453		3M SCOTCH GRIP PLASTIC ADHESIVE - 1099	5	OZ	05/12/2015
0001340709	811-97-2	CRC CONTACT CLEANER	19	oz	05/12/2015
0001339461		IonoPlus 3000	55	gal	05/12/2015
0001339460		IonoPlus 3000	55	gal	05/12/2015
0001280436		LACQUER THINNER	5	gal	05/12/2015
0001280437		LACQUER THINNER		gal	05/12/2015
0001280438		LACQUER THINNER		gal	05/12/2015
0001280439		LACQUER THINNER		gal	05/12/2015
0001280440		LACQUER THINNER		gal	05/12/2015
0001280441		LACQUER THINNER		gal	05/12/2015
0001339458		IonoPlus 3000	55	gal	05/12/2015
0001339459		IonoPlus 3000	55	gal	05/12/2015
0001340712	811-97-2	CRC CONTACT CLEANER	19	oz	05/12/2015
0001340908	7697-37-2	NITRIC ACID	2.5	I	05/12/2015
0001340914	7697-37-2	NITRIC ACID	2.5		05/12/2015
0001340913	7697-37-2	NITRIC ACID	2.5	I	05/12/2015
0001362058		94% Argon and 6% Hydrogen	220	cf	05/12/2015
0001362059		94% Argon and 6% Hydrogen	220	cf	05/12/2015
0001340912	7697-37-2	NITRIC ACID	2.5	I	05/12/2015
0001362060		94% Argon and 6% Hydrogen	220	cf	05/12/2015
0001362061		94% Argon and 6% Hydrogen	220	cf	05/12/2015
0001362062		94% Argon and 6% Hydrogen	220	cf	05/12/2015
0001362063		94% Argon and 6% Hydrogen	220	cf	05/12/2015
0001362064		94% Argon and 6% Hydrogen	220	cf	05/12/2015
0001340911	7697-37-2	NITRIC ACID	2.5	ı	05/12/2015
0001280455		3M SCOTCH GRIP PLASTIC ADHESIVE - 1099	5	OZ	05/12/2015
0001340909	7697-37-2	NITRIC ACID	2.5	ı	05/12/2015
0001280454		3M SCOTCH GRIP PLASTIC ADHESIVE - 1099		OZ	05/12/2015
0001340907	7697-37-2	NITRIC ACID	2.5	ı	05/12/2015
0001340906	7697-37-2	NITRIC ACID	2.5		05/12/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001340905	7697-37-2	NITRIC ACID	2.5	I	05/12/2015
0001340904	7697-37-2	NITRIC ACID	2.5	I	05/12/2015
0001340903	7697-37-2	NITRIC ACID	2.5	1	05/12/2015
0001340866		FANTASTIKE ALL PURPOSE CLEANER	32	oz	05/12/2015
0001340865		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/12/2015
0001340864		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/12/2015
0001280448		3M SCOTCH GRIP PLASTIC ADHESIVE - 1099	5	OZ	05/12/2015
0001280449		3M SCOTCH GRIP PLASTIC ADHESIVE - 1099	5	OZ	05/12/2015
0001280451		3M SCOTCH GRIP PLASTIC ADHESIVE - 1099	5	OZ	05/12/2015
0001340915	7697-37-2	NITRIC ACID	2.5	I	05/12/2015
0001340910	7697-37-2	NITRIC ACID	2.5	I	05/12/2015
0001361992	7440-37-1	ARGON, COMPRESSED	220	cf	05/12/2015
0001362043		P-10 (90% ARGON 10% METHANE)	220	cf	05/12/2015
0001362044		P-10 (90% ARGON 10% METHANE)	220	cf	05/12/2015
0001362045		P-10 (90% ARGON 10% METHANE)	220	cf	05/12/2015
0001361994	7440-37-1	ARGON, COMPRESSED	220	cf	05/12/2015
0001361941	7440-37-1	ARGON, COMPRESSED	220	cf	05/12/2015
0001361948	7440-37-1	ARGON, COMPRESSED	220	cf	05/12/2015
0001362046		P-10 (90% ARGON 10% METHANE)	220	cf	05/12/2015
0001362047		P-10 (90% ARGON 10% METHANE)	220	cf	05/12/2015
0001320827	60-29-7	DIETHYL-D10 ETHER	100	I	05/12/2015
0001361993	7440-37-1	ARGON, COMPRESSED	220	cf	05/12/2015
0001362039	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/12/2015
0001361991	7440-37-1	ARGON, COMPRESSED	220	cf	05/12/2015
0001361990	7440-37-1	ARGON, COMPRESSED	220		05/12/2015
0001361989	7440-37-1	ARGON, COMPRESSED	220	cf	05/12/2015
0001361988	7440-37-1	ARGON, COMPRESSED	220	cf	05/12/2015
0001361987	7440-37-1	ARGON, COMPRESSED	220	cf	05/12/2015
0001361986	7440-37-1	ARGON, COMPRESSED	220	cf	05/12/2015
0001361985	7440-37-1	ARGON, COMPRESSED	220	cf	05/12/2015
0001361984	7440-37-1	ARGON, COMPRESSED	220	cf	05/12/2015
0001361983	7440-37-1	ARGON, COMPRESSED	220	cf	05/12/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001362048		P-10 (90% ARGON 10% METHANE)	220	cf	05/12/2015
0001340952	7697-37-2	NITRIC ACID	2.5	I	05/12/2015
0001109309		MAGNESIUM, AAS STANDARD S	100	ml	05/12/2015
0001340962	7697-37-2	NITRIC ACID	2.5	I	05/12/2015
0001340961	7697-37-2	NITRIC ACID	2.5	I	05/12/2015
0001340960	7697-37-2	NITRIC ACID	2.5	I	05/12/2015
0001340959	7697-37-2	NITRIC ACID	2.5	1	05/12/2015
0001340958	7697-37-2	NITRIC ACID	2.5	I	05/12/2015
0001340957	7697-37-2	NITRIC ACID	2.5	1	05/12/2015
0001340956	7697-37-2	NITRIC ACID	2.5	1	05/12/2015
0001340955	7697-37-2	NITRIC ACID	2.5	I	05/12/2015
0001362042		P-10 (90% ARGON 10% METHANE)	220	cf	05/12/2015
0001340953	7697-37-2	NITRIC ACID	2.5	I	05/12/2015
0001362040	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/12/2015
0001340951	7697-37-2	NITRIC ACID	2.5	1	05/12/2015
0001340950	7697-37-2	NITRIC ACID	2.5	1	05/12/2015
0001340949	7697-37-2	NITRIC ACID	2.5	1	05/12/2015
0001340948	7697-37-2	NITRIC ACID	2.5	I	05/12/2015
0001338358		WASTE LOCK 770-50	4	lb	05/12/2015
0001362036	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/12/2015
0001362037	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/12/2015
0001362038	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/12/2015
0001361980	7440-37-1	ARGON, COMPRESSED	220	cf	05/12/2015
0001340954	7697-37-2	NITRIC ACID	2.5		05/12/2015
0001362054		P-10 (90% ARGON 10% METHANE)	220	cf	05/12/2015
0001361982	7440-37-1	ARGON, COMPRESSED	220	cf	05/12/2015
0001361959	7440-37-1	ARGON, COMPRESSED	220		05/12/2015
0001361958	7440-37-1	ARGON, COMPRESSED	220		05/12/2015
0001362049		P-10 (90% ARGON 10% METHANE)	220	cf	05/12/2015
0001362050		P-10 (90% ARGON 10% METHANE)	220	cf	05/12/2015
0001362051		P-10 (90% ARGON 10% METHANE)	220	cf	05/12/2015
0001340932	7697-37-2	NITRIC ACID	2.5	ı	05/12/2015
0001340931	7697-37-2	NITRIC ACID	2.5	•	05/12/2015
0001310331	7697-37-2	NITRIC ACID	2.5		05/12/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001361961	7440-37-1	ARGON, COMPRESSED	220	cf	05/12/2015
0001362053		P-10 (90% ARGON 10% METHANE)	220	cf	05/12/2015
0001361962	7440-37-1	ARGON, COMPRESSED	220	cf	05/12/2015
0001362055		P-10 (90% ARGON 10% METHANE)	220	cf	05/12/2015
0001362056		94% Argon and 6% Hydrogen	220	cf	05/12/2015
0001362057		94% Argon and 6% Hydrogen	220	cf	05/12/2015
0001340850	1336-21-6	AMMONIUM HYDROXIDE	500	ml	05/12/2015
0001340929	7697-37-2	NITRIC ACID	2.5	1	05/12/2015
0001340928	7697-37-2	NITRIC ACID	2.5	I	05/12/2015
0001340927	7697-37-2	NITRIC ACID	2.5	I	05/12/2015
0001340926	7697-37-2	NITRIC ACID	2.5	I	05/12/2015
0001340925	7697-37-2	NITRIC ACID	2.5	I	05/12/2015
0001362052		P-10 (90% ARGON 10% METHANE)	220	cf	05/12/2015
0001361972	7440-37-1	ARGON, COMPRESSED	220	cf	05/12/2015
0001361977	7440-37-1	ARGON, COMPRESSED	220	cf	05/12/2015
0001320828	60-29-7	DIETHYL-D10 ETHER	100	I	05/12/2015
0001361908	7782-50-5	CHLORINE	20	cf	05/12/2015
0001361909	7782-50-5	CHLORINE	20	cf	05/12/2015
0001361910	7782-50-5	CHLORINE	20	cf	05/12/2015
0001361979	7440-37-1	ARGON, COMPRESSED	220	cf	05/12/2015
0001361978	7440-37-1	ARGON, COMPRESSED	220		05/12/2015
0001361976	7440-37-1	ARGON, COMPRESSED	220	cf	05/12/2015
0001361975	7440-37-1	ARGON, COMPRESSED	220		05/12/2015
0001361960	7440-37-1	ARGON, COMPRESSED	220		05/12/2015
0001361973	7440-37-1	ARGON, COMPRESSED	220	cf	05/12/2015
0001361914	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	05/12/2015
0001361971	7440-37-1	ARGON, COMPRESSED	220	cf	05/12/2015
0001361970	7440-37-1	ARGON, COMPRESSED	220	cf	05/12/2015
0001361969	7440-37-1	ARGON, COMPRESSED	220	cf	05/12/2015
0001361968	7440-37-1	ARGON, COMPRESSED	220	cf	05/12/2015
0001361967	7440-37-1	ARGON, COMPRESSED	220	cf	05/12/2015
0001361966	7440-37-1	ARGON, COMPRESSED	220	cf	05/12/2015
0001361965	7440-37-1	ARGON, COMPRESSED	220	cf	05/12/2015
0001361964	7440-37-1	ARGON, COMPRESSED	220	cf	05/12/2015
0001361963	7440-37-1	ARGON, COMPRESSED	220	cf	05/12/2015
0001361974	7440-37-1	ARGON, COMPRESSED	220	cf	05/12/2015
0001280416		TRAFFIC PAINT YELLOW	5	gal	05/12/2015
0001340933	7697-37-2	NITRIC ACID	2.5	l	05/12/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
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0001340863		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/12/2015
0001280445		TRAFFIC PAINT YELLOW	5	gal	05/12/2015
0001334965	7732-18-5	Hydrochloric Acid 30-31%	3000	lb	05/12/2015
0001280426		TRAFFIC PAINT YELLOW	5	gal	05/12/2015
0001280425		TRAFFIC PAINT YELLOW		gal	05/12/2015
0001280424		TRAFFIC PAINT YELLOW		gal	05/12/2015
0001280423		TRAFFIC PAINT YELLOW		gal	05/12/2015
0001280422		TRAFFIC PAINT YELLOW		gal	05/12/2015
0001280421		TRAFFIC PAINT YELLOW		gal	05/12/2015
0001280420		TRAFFIC PAINT YELLOW		gal	05/12/2015
0001280419		TRAFFIC PAINT YELLOW	5	gal	05/12/2015
0001340861		FANTASTIKE ALL PURPOSE CLEANER	32	oz	05/12/2015
0001280417		TRAFFIC PAINT YELLOW	5	gal	05/12/2015
0001340860		FANTASTIKE ALL PURPOSE CLEANER	32	oz	05/12/2015
0001280415		TRAFFIC PAINT YELLOW	5	gal	05/12/2015
0001280443		WHITE TRAFFIC PAINT		gal	05/12/2015
0001362065		94% Argon and 6% Hydrogen	220		05/12/2015
0001362066		94% Argon and 6% Hydrogen	220	cf	05/12/2015
0001362067		94% Argon and 6% Hydrogen	220	cf	05/12/2015
0001362068		94% Argon and 6% Hydrogen	220	cf	05/12/2015
0001362069		94% Argon and 6% Hydrogen	220	cf	05/12/2015
0001362070		94% Argon and 6% Hydrogen	220	cf	05/12/2015
0001362071	7440-59-7	HELIUM	220	cf	05/12/2015
0001362072	7440-59-7	HELIUM	220	cf	05/12/2015
0001362073	7440-59-7	HELIUM	220	cf	05/12/2015
0001362074	7440-59-7	HELIUM	220	cf	05/12/2015
0001280418		TRAFFIC PAINT YELLOW	5	gal	05/12/2015
0001361945	7440-37-1	ARGON, COMPRESSED	220		05/12/2015
0001361955	7440-37-1	ARGON, COMPRESSED	220		05/12/2015
0001361954	7440-37-1	ARGON, COMPRESSED	220		05/12/2015
0001361953	7440-37-1	ARGON, COMPRESSED	220		05/12/2015
0001361952	7440-37-1	ARGON, COMPRESSED	220		05/12/2015
0001361951	7440-37-1	ARGON, COMPRESSED	220		05/12/2015
0001361950	7440-37-1	ARGON, COMPRESSED	220	cf	05/12/2015
0001299022	9048-46-8	LYOPHILIZED BOVINE SERUM	1	gm	05/12/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001362041		P-10 (90% ARGON 10% METHANE)	220	cf	05/12/2015
0001280414		TRAFFIC PAINT YELLOW	5	gal	05/12/2015
0001361949	7440-37-1	ARGON, COMPRESSED	220	cf	05/12/2015
0001361947	7440-37-1	ARGON, COMPRESSED	220	cf	05/12/2015
0001361946	7440-37-1	ARGON, COMPRESSED	220	cf	05/12/2015
0001340862		FANTASTIKE ALL PURPOSE CLEANER	32	oz	05/12/2015
0001280446		3M SCOTCH GRIP PLASTIC ADHESIVE - 1099	5	OZ	05/12/2015
0001362077	7440-59-7	HELIUM	220	cf	05/12/2015
0001361944	7440-37-1	ARGON, COMPRESSED	220	cf	05/12/2015
0001361943	7440-37-1	ARGON, COMPRESSED	220	cf	05/12/2015
0001361942	7440-37-1	ARGON, COMPRESSED	220	cf	05/12/2015
0001361940	7440-37-1	ARGON, COMPRESSED	220	cf	05/12/2015
0001361939	7440-37-1	ARGON, COMPRESSED	220	cf	05/12/2015
0001362026	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/12/2015
0001361937	7440-37-1	ARGON, COMPRESSED	220	cf	05/12/2015
0001361916	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	05/12/2015
0001361932	115-07-1	PROPYLENE	40	cf	05/12/2015
0001340857		FANTASTIKE ALL PURPOSE CLEANER	32	oz	05/12/2015
0001340858		FANTASTIKE ALL PURPOSE CLEANER	32	oz	05/12/2015
0001340859		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/12/2015
0001280447		3M SCOTCH GRIP PLASTIC ADHESIVE - 1099	5	OZ	05/12/2015
0001362029	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/12/2015
0001340849	1336-21-6	AMMONIUM HYDROXIDE	500	ml	05/12/2015
0001340848	1336-21-6	AMMONIUM HYDROXIDE	500	ml	05/12/2015
0001340847	1336-21-6	AMMONIUM HYDROXIDE	500	ml	05/12/2015
0001280411		WHITE TRAFFIC PAINT	5	gal	05/12/2015
0001280410		WHITE TRAFFIC PAINT	5	gal	05/12/2015
0001280409		WHITE TRAFFIC PAINT	5	gal	05/12/2015
0001280408		WHITE TRAFFIC PAINT	5	gal	05/12/2015
0001361911	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	05/12/2015
0001362035	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/12/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001362034	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/12/2015
0001362033	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/12/2015
0001362032	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/12/2015
0001362075	7440-59-7	HELIUM	220	cf	05/12/2015
0001362030	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/12/2015
0001340845		2-PROPANOL	4	I	05/12/2015
0001362028	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/12/2015
0000961250	64742-65-0	PUMP OIL	1	I	05/12/2015
0001362027	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/12/2015
0000961296	64742-65-0	PUMP OIL	1	I	05/12/2015
0001340721		EPON 828	1	gal	05/12/2015
0001340720	811-97-2	CRC CONTACT CLEANER	19	OZ	05/12/2015
0001340719	811-97-2	CRC CONTACT CLEANER	19	OZ	05/12/2015
0001340718	811-97-2	CRC CONTACT CLEANER		oz	05/12/2015
0001340717	811-97-2	CRC CONTACT CLEANER		OZ	05/12/2015
0001340716	811-97-2	CRC CONTACT CLEANER		OZ	05/12/2015
0001340715	811-97-2	CRC CONTACT CLEANER	•	OZ	05/12/2015
0001340714	811-97-2	CRC CONTACT CLEANER	19	OZ	05/12/2015
0001362031	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/12/2015
0001311410		SUPER GLUE		gm	05/12/2015
0001361938	7440-37-1	ARGON, COMPRESSED	220		05/12/2015
0001362078	7440-59-7	HELIUM	220		05/12/2015
0001362079	7440-59-7	HELIUM	220		05/12/2015
0001362080	7440-59-7	HELIUM	220		05/12/2015
0001362081	7440-59-7	HELIUM	220		05/12/2015
0001362082	7440-59-7	HELIUM	220		05/12/2015
0001362083	7440-59-7	HELIUM	220 220		05/12/2015
0001362084 0001362085	7440-59-7 7440-59-7	HELIUM HELIUM	220		05/12/2015 05/12/2015
0001302083	7440-39-7	WHITE TRAFFIC PAINT		gal	05/12/2015
0001280413		WHITE TRAFFIC PAINT		gal	05/12/2015
0001340822	72626-61-0	4-methylumbelliferyl-beta-D-cellobioside	100		05/12/2015
0001280412		WHITE TRAFFIC PAINT	5	gal	05/12/2015
0001200412		SUPER GLUE		gm	05/12/2015
0001340846		2-PROPANOL	4		05/12/2015
0001340823	77471-44-4	4-Methylumbelliferyl ?-L- arabinofuranoside	10	mg	05/12/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001340824	67909-30-2	4-Methylumbelliferyl ?-D-	25	mg	05/12/2015
		mannopyranoside		_	
0001340825	6160-78-7	4-METHYLUMBELLIFERYL-BETA-D- GALACTOSIDE	250	mg	05/12/2015
0001340827	18997-57-4	4-Methylumbelliferyl ?-D-glucopyranoside	100	mg	05/12/2015
0001340828	1317-36-8	LEAD(II) OXIDE	50	gm	05/12/2015
0001340829	372-48-5	2-Fluoropyridine		ml	05/12/2015
0001340839		2-PROPANOL	4	I	05/12/2015
0001340840		2-PROPANOL	4	I	05/12/2015
0001340841		2-PROPANOL	4	I	05/12/2015
0001340842		2-PROPANOL	4	I	05/12/2015
0001340843		2-PROPANOL	4	I	05/12/2015
0001340844		2-PROPANOL	4	I	05/12/2015
0001362076	7440-59-7	HELIUM	220	cf	05/12/2015
0001311408		SUPER GLUE	2	gm	05/12/2015
0001362003		AIR, COMPRESSED	220		05/12/2015
0001362010		AIR, COMPRESSED	220		05/12/2015
0001361936	7440-37-1	ARGON, COMPRESSED	220	cf	05/12/2015
0001340934	7697-37-2	NITRIC ACID	2.5	ı	05/12/2015
0001361931	75-45-6	CHLORODIFLUOROMETHANE	30	lb	05/12/2015
0001362009		AIR, COMPRESSED	220	cf	05/12/2015
0001362008		AIR, COMPRESSED	220	cf	05/12/2015
0001362017	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/12/2015
0001361996		AIR, COMPRESSED	220	cf	05/12/2015
0001362006		AIR, COMPRESSED	220		05/12/2015
0001340941	7697-37-2	NITRIC ACID	2.5		05/12/2015
0001362004		AIR, COMPRESSED	220		05/12/2015
0001362013	7727-37-9	NITROGEN, COMPRESSED GAS	220		05/12/2015
0001362002		AIR, COMPRESSED	220	cf	05/12/2015
0001362001		AIR, COMPRESSED	220		05/12/2015
0001362000		AIR, COMPRESSED	220		05/12/2015
0001361999		AIR, COMPRESSED	220		05/12/2015
0001340947	7697-37-2	NITRIC ACID	2.5		05/12/2015
0001340946	7697-37-2	NITRIC ACID	2.5		05/12/2015
0001340945	7697-37-2	NITRIC ACID	2.5		05/12/2015
0001340944	7697-37-2	NITRIC ACID	2.5		05/12/2015
0001340943	7697-37-2	NITRIC ACID	2.5		05/12/2015
0001340942	7697-37-2	NITRIC ACID	2.5		05/12/2015
0001362005		AIR, COMPRESSED	220		05/12/2015
0001362024	7727-37-9	NITROGEN, COMPRESSED GAS	220		05/12/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001361930	75-45-6	CHLORODIFLUOROMETHANE	30	lb	05/12/2015
0001361929	75-45-6	CHLORODIFLUOROMETHANE	30	lb	05/12/2015
0001361928	75-45-6	CHLORODIFLUOROMETHANE	30	lb	05/12/2015
0001361921	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	250	I	05/12/2015
0001361920	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	05/12/2015
0001361919	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	05/12/2015
0001361918	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	05/12/2015
0001361917	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	05/12/2015
0001361915	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	05/12/2015
0001361913	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	05/12/2015
0001362011	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/12/2015
0001362025	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/12/2015
0001362012	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/12/2015
0001362023	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/12/2015
0001362022	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/12/2015
0001362021	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/12/2015
0001362020	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/12/2015
0001362019	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/12/2015
0001362018	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/12/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001362016	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/12/2015
0001362015	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/12/2015
0001362014	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/12/2015
0001361995	7440-37-1	ARGON, COMPRESSED	220	cf	05/12/2015
0001361912	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	05/12/2015
0001340940	7697-37-2	NITRIC ACID	2.5	I	05/12/2015
0001340855		FANTASTIKE ALL PURPOSE CLEANER	32	oz	05/12/2015
0001340936	7697-37-2	NITRIC ACID	2.5	I	05/12/2015
0001280394		WHITE TRAFFIC PAINT		gal	05/12/2015
0001361957	7440-37-1	ARGON, COMPRESSED	220		05/12/2015
0001280401		WHITE TRAFFIC PAINT		gal	05/12/2015
0001280406		WHITE TRAFFIC PAINT	5	gal	05/12/2015
0001340856		FANTASTIKE ALL PURPOSE CLEANER	32	oz	05/12/2015
0001280405		WHITE TRAFFIC PAINT	5	gal	05/12/2015
0001280427		LACQUER THINNER	5	gal	05/12/2015
0001340854	9048-46-8	BOVINE SERUM ALBUMIN	100	gm	05/12/2015
0001280393		WHITE TRAFFIC PAINT	5	gal	05/12/2015
0001361956	7440-37-1	ARGON, COMPRESSED	220	cf	05/12/2015
0001280404		WHITE TRAFFIC PAINT	5	gal	05/12/2015
0001362007		AIR, COMPRESSED	220	cf	05/12/2015
0001280403		WHITE TRAFFIC PAINT		gal	05/12/2015
0001280402		WHITE TRAFFIC PAINT	5	gal	05/12/2015
0001280395		WHITE TRAFFIC PAINT	5	gal	05/12/2015
0001280396		WHITE TRAFFIC PAINT	5	gal	05/12/2015
0001280397		WHITE TRAFFIC PAINT	5	gal	05/12/2015
0001280398		WHITE TRAFFIC PAINT	5	gal	05/12/2015
0001280399		WHITE TRAFFIC PAINT	5	gal	05/12/2015
0001280400		WHITE TRAFFIC PAINT	5	gal	05/12/2015
0001280392		WHITE TRAFFIC PAINT	5	gal	05/12/2015
0001361998		AIR, COMPRESSED	220	cf	05/12/2015
0001280407		WHITE TRAFFIC PAINT	5	gal	05/12/2015
0001361997		AIR, COMPRESSED	220	cf	05/12/2015
0001340937	7697-37-2	NITRIC ACID	2.5	I	05/12/2015
0001340938	7697-37-2	NITRIC ACID	2.5	1	05/12/2015
0001340851	1336-21-6	AMMONIUM HYDROXIDE	500	ml	05/12/2015
0001340852	1336-21-6	AMMONIUM HYDROXIDE	500	ml	05/12/2015
0001340935	7697-37-2	NITRIC ACID	2.5	I	05/12/2015
0001340939	7697-37-2	NITRIC ACID	2.5	l	05/12/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001340853	75-05-8	ACETONITRILE HPLC	4		05/12/2015
0001334969	1310-73-2	Sodium Hydroxide 25%	3400		05/13/2015
0001362091	7440-37-1	ARGON, COMPRESSED	220		05/13/2015
0001362090	7440-59-7	HELIUM	220		05/13/2015
0001361927		R-407C	25		05/13/2015
0001361926		R-407C	25		05/13/2015
0001361925		R-407C	25		05/13/2015
0001362094	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100		05/13/2015
0001362095	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	05/13/2015
0001362092	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	05/13/2015
0001362096	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	05/13/2015
0001338890		NICKEL PLASMA STANDARD	50	ml	05/13/2015
0001148960	7647-15-6	BROMIDE STANDARD (0.1 M)	1	I	05/13/2015
0001334968	1310-73-2	Sodium Hydroxide 25%	3400	lb	05/13/2015
0001334967	1310-73-2	Sodium Hydroxide 25%	3400	lb	05/13/2015
0001334966	1310-73-2	Sodium Hydroxide 25%	3400	lb	05/13/2015
0000657585	7647-18-9	ANTIMONY PENTACHLORIDE	25	gm	05/13/2015
0000720144		SISRM 3150 SILICON SPECTROMETRIC SOLUTION	50	ml	05/13/2015
0001340722	20710-47-8	iodomethane-13C,D3	1	gm	05/13/2015
0001362097	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100		05/13/2015
0001362098	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	05/13/2015
0001362099	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	05/13/2015
0001148944	1	STYCAST 1266 PART B	300	ml	05/13/2015
0001148961	7647-15-6	BROMIDE STANDARD (0.1 M)	1	I	05/13/2015
0001338892		ZINC PLASMA EMISSION STANDARD	50	ml	05/13/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001340963		MemMagic Bicelle Screen Kit	100	ul	05/13/2015
0001280462		3M SCOTCH GRIP PLASTIC ADHESIVE - 1099	5	oz	05/13/2015
0001280463		3M SCOTCH GRIP PLASTIC ADHESIVE - 1099	5	oz	05/13/2015
0001362086	74-98-6	PROPANE	5	gal	05/13/2015
0001340830	12045-64-6	ZIRCONIUM BORIDE	1	lb	05/13/2015
0000913058	99-98-9	DIMETHYL-P-PHENYLENEDIAMINE	100	gm	05/13/2015
0001280461		3M SCOTCH GRIP PLASTIC ADHESIVE - 1099	5	oz	05/13/2015
0000913059	126-33-0	TETRAMETHYLENE SULFONE, 99%	1	I	05/13/2015
0001280460		3M SCOTCH GRIP PLASTIC ADHESIVE - 1099	5	OZ	05/13/2015
0001338891		STRONTIUM PLASMA STANDARDS, 1,000 PPM, 10,000 PPM IN DILUTE	50	ml	05/13/2015
0001362093	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	05/13/2015
0001338889		SODIUM, PLASMA STANDARD	50	ml	05/13/2015
0001340964		TORR SEAL	135	gm	05/13/2015
0000913056	865-49-6	CHLOROFORM-D	1	I	05/13/2015
0001280458		3M SCOTCH GRIP PLASTIC ADHESIVE - 1099	5	oz	05/13/2015
0001361922		R-407C	25	lb	05/13/2015
0001362087	74-98-6	PROPANE	5	gal	05/13/2015
0001362088	74-98-6	PROPANE	5	gal	05/13/2015
0001338893		MULTI-ELEMENT QC-7 CHECK	100	ml	05/13/2015
0001340723	18107-18-1	TRIMETHYLSILYLDIAZOMETHANE	25	ml	05/13/2015
0001148962		ORION 94 SERIES IONIC STRENGTH ADJUSTOR (5M SODIUM NITRATE)	475	ml	05/13/2015
0001361924		R-407C	25	lb	05/13/2015
0001280459		3M SCOTCH GRIP PLASTIC ADHESIVE - 1099	5	OZ	05/13/2015
0001361923		R-407C	25	lb	05/13/2015
0001280457		3M SCOTCH GRIP PLASTIC ADHESIVE - 1099	5	OZ	05/13/2015
0001280391		WHITE TRAFFIC PAINT	5	gal	05/13/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001361935	1333-74-0	HYDROGEN	40	cf	05/13/2015
0000913057	865-49-6	CHLOROFORM-D	1	-	05/13/2015
0001361934	1333-74-0	HYDROGEN	40		05/13/2015
0001361933	1333-74-0	HYDROGEN	40	cf	05/13/2015
0001280456		3M SCOTCH GRIP PLASTIC ADHESIVE - 1099	5	OZ	05/13/2015
0001280228		AEROKROIL LUBRICANT SPRAY	10	OZ	05/14/2015
0001362206		P-10 (90% ARGON 10% METHANE)	220	cf	05/14/2015
0001280243		LOCTITE NICKEL ANTISEIZE	8	OZ	05/14/2015
0001280226		AEROKROIL LUBRICANT SPRAY	10	oz	05/14/2015
0001280227		AEROKROIL LUBRICANT SPRAY	10	OZ	05/14/2015
0001362210		P-10 (90% ARGON 10% METHANE)	220	cf	05/14/2015
0001362223		P-10 (90% ARGON 10% METHANE)	220	cf	05/14/2015
0001362222		P-10 (90% ARGON 10% METHANE)	220	cf	05/14/2015
0001362221		P-10 (90% ARGON 10% METHANE)	220	cf	05/14/2015
0001362220		P-10 (90% ARGON 10% METHANE)	220	cf	05/14/2015
0001362219		P-10 (90% ARGON 10% METHANE)	220	cf	05/14/2015
0001362217		P-10 (90% ARGON 10% METHANE)	220	cf	05/14/2015
0001362216		P-10 (90% ARGON 10% METHANE)	220	cf	05/14/2015
0001362214		P-10 (90% ARGON 10% METHANE)	220	cf	05/14/2015
0001382244		SHREDDER OIL	1	gal	05/14/2015
0001280229		AEROKROIL LUBRICANT SPRAY	10	oz	05/14/2015
0001362213		P-10 (90% ARGON 10% METHANE)	220	cf	05/14/2015
0001362204		P-10 (90% ARGON 10% METHANE)	220	cf	05/14/2015
0001362211		P-10 (90% ARGON 10% METHANE)	220	cf	05/14/2015
0001280225		AEROKROIL LUBRICANT SPRAY	10	OZ	05/14/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001362209		P-10 (90% ARGON 10% METHANE)	220	cf	05/14/2015
0001362208		P-10 (90% ARGON 10% METHANE)	220	cf	05/14/2015
0001362207		P-10 (90% ARGON 10% METHANE)	220	cf	05/14/2015
0001362205		P-10 (90% ARGON 10% METHANE)	220	cf	05/14/2015
0001362203		P-10 (90% ARGON 10% METHANE)	220	cf	05/14/2015
0001362202		P-10 (90% ARGON 10% METHANE)	220	cf	05/14/2015
0001362201		P-10 (90% ARGON 10% METHANE)	220	cf	05/14/2015
0001280244		LOCTITE NICKEL ANTISEIZE	8	OZ	05/14/2015
0001280221		AEROKROIL LUBRICANT SPRAY	10	OZ	05/14/2015
0001280222		AEROKROIL LUBRICANT SPRAY	10	OZ	05/14/2015
0001280223		AEROKROIL LUBRICANT SPRAY	10	OZ	05/14/2015
0001280224		AEROKROIL LUBRICANT SPRAY	10	OZ	05/14/2015
0001362212		P-10 (90% ARGON 10% METHANE)	220	cf	05/14/2015
0001333798		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001382242		SHREDDER OIL	1	gal	05/14/2015
0001333783		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333785		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333786		CONTACT CLEANER 2000		oz	05/14/2015
0001333787		CONTACT CLEANER 2000		OZ	05/14/2015
0001333788		CONTACT CLEANER 2000		OZ	05/14/2015
0001333789		CONTACT CLEANER 2000		OZ	05/14/2015
0001333790 0001333791		CONTACT CLEANER 2000 CONTACT CLEANER 2000		OZ	05/14/2015
0001333791		CONTACT CLEANER 2000		OZ OZ	05/14/2015 05/14/2015
0001333792		CONTACT CLEANER 2000		OZ	05/14/2015
0001333794		CONTACT CLEANER 2000		OZ	05/14/2015
0001333795		CONTACT CLEANER 2000		OZ	05/14/2015
0001333781		CONTACT CLEANER 2000		OZ	05/14/2015
0001333804		CONTACT CLEANER 2000		OZ	05/14/2015
0001280300		FANTASTIKE ALL PURPOSE CLEANER	1	qt	05/14/2015
0001333810		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333809		CONTACT CLEANER 2000		OZ	05/14/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001333808		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333807		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333796		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333805		CONTACT CLEANER 2000		OZ	05/14/2015
0001333797		CONTACT CLEANER 2000		OZ	05/14/2015
0001333803		CONTACT CLEANER 2000		OZ	05/14/2015
0001333802		CONTACT CLEANER 2000	-	OZ	05/14/2015
0001333801		CONTACT CLEANER 2000		OZ	05/14/2015
0001333800		CONTACT CLEANER 2000		OZ	05/14/2015
0001333799		CONTACT CLEANER 2000		OZ	05/14/2015
0001333780		CONTACT CLEANER 2000		OZ	05/14/2015
0001333806		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001280316		FANTASTIKE ALL PURPOSE CLEANER	1	qt	05/14/2015
0001362165	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/14/2015
0001280302		FANTASTIKE ALL PURPOSE CLEANER	1	qt	05/14/2015
0001280303		FANTASTIKE ALL PURPOSE CLEANER	1	qt	05/14/2015
0001280304		FANTASTIKE ALL PURPOSE CLEANER	1	qt	05/14/2015
0001280305		FANTASTIKE ALL PURPOSE CLEANER	1	qt	05/14/2015
0001280306		FANTASTIKE ALL PURPOSE CLEANER	1	qt	05/14/2015
0001280307		FANTASTIKE ALL PURPOSE CLEANER	1	qt	05/14/2015
0001280308		FANTASTIKE ALL PURPOSE CLEANER	1	qt	05/14/2015
0001280309		FANTASTIKE ALL PURPOSE CLEANER	1	qt	05/14/2015
0001280310		FANTASTIKE ALL PURPOSE CLEANER	1	qt	05/14/2015
0001280311		FANTASTIKE ALL PURPOSE CLEANER	1	qt	05/14/2015
0001280312		FANTASTIKE ALL PURPOSE CLEANER	1	qt	05/14/2015
0001280313		FANTASTIKE ALL PURPOSE CLEANER	1	qt	05/14/2015
0001333811		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001280218		5 MINUTE EPOXY		OZ	05/14/2015
0001333779		CONTACT CLEANER 2000		OZ	05/14/2015
0001333778		CONTACT CLEANER 2000	-	OZ	05/14/2015
0001333777		CONTACT CLEANER 2000	13	OZ	05/14/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001280214		DOW CORNING(R) 739 PLASTIC ADHESIVE- WHITE	10.14	OZ	05/14/2015
0001280213		DOW CORNING(R) 739 PLASTIC ADHESIVE- WHITE	10.14	OZ	05/14/2015
0001280314		FANTASTIKE ALL PURPOSE CLEANER	1	qt	05/14/2015
0001280219		5 MINUTE EPOXY	1	OZ	05/14/2015
0001280315		FANTASTIKE ALL PURPOSE CLEANER	1	qt	05/14/2015
0001280217		5 MINUTE EPOXY	1	OZ	05/14/2015
0001280216		5 MINUTE EPOXY	1	OZ	05/14/2015
0001280245	7085-85-0	Loctite 406 Surface Insensitive Instant Adhesive	0.1	OZ	05/14/2015
0001280318		FANTASTIKE ALL PURPOSE CLEANER	1	qt	05/14/2015
0001280317		FANTASTIKE ALL PURPOSE CLEANER	1	qt	05/14/2015
0001333980		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001280220		5 MINUTE EPOXY	1	OZ	05/14/2015
0001333824		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001280230		AEROKROIL LUBRICANT SPRAY	10	OZ	05/14/2015
0001382208		SHREDDER OIL	1	gal	05/14/2015
0001382209		SHREDDER OIL		gal	05/14/2015
0001333812		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333813		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333814		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333815		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333816		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333817		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333818		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333819		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333820		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333821		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001334964		SHREDDER OIL	1	gal	05/14/2015
0001333830		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333837		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333836		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333835		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333834		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333833		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333822		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333831		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333823		CONTACT CLEANER 2000	13	OZ	05/14/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001333829		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333828		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333827		CONTACT CLEANER 2000		OZ	05/14/2015
0001333826		CONTACT CLEANER 2000		OZ	05/14/2015
0001333825		CONTACT CLEANER 2000		OZ	05/14/2015
0001334963		SHREDDER OIL		gal	05/14/2015
0001333832		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001362104	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/14/2015
0001333981		CONTACT CLEANER 2000	13	oz	05/14/2015
0001333982		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333983		CONTACT CLEANER 2000		OZ	05/14/2015
0001333984		CONTACT CLEANER 2000		OZ	05/14/2015
0001333985		CONTACT CLEANER 2000		OZ	05/14/2015
0001333986		CONTACT CLEANER 2000		OZ	05/14/2015
0001333987		CONTACT CLEANER 2000		OZ	05/14/2015
0001333988		CONTACT CLEANER 2000		OZ	05/14/2015
0001333989		CONTACT CLEANER 2000		OZ	05/14/2015
0001333990		CONTACT CLEANER 2000		OZ	05/14/2015
0001280540	7727-37-9	CONTACT CLEANER 2000	220	OZ of	05/14/2015 05/14/2015
		NITROGEN, COMPRESSED GAS			
0001362101	7727-37-9	NITROGEN, COMPRESSED GAS	220		05/14/2015
0001382207		SHREDDER OIL	1	gal	05/14/2015
0001362110	7727-37-9	NITROGEN, COMPRESSED GAS	220		05/14/2015
0001280212		BLASOCUT 2000		gal	05/14/2015
0001280211		Foam Ban TS-7250	5	gal	05/14/2015
0001280215		ADHESIVE ACCELERATOR (TAK PAK)	7	oz	05/14/2015
0001280210		LOCTITE BLACK MAX SEALANT	1	OZ	05/14/2015
0001362113	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/14/2015
0001362102	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/14/2015
0001362111	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/14/2015
0001362103	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/14/2015
0001362109	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/14/2015
0001362108	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/14/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001362107	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/14/2015
0001362106	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/14/2015
0001362105	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/14/2015
0001280299		FANTASTIKE ALL PURPOSE CLEANER	1	qt	05/14/2015
0001362112	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/14/2015
0001382231		SHREDDER OIL	1	gal	05/14/2015
0001382247		SHREDDER OIL		OZ	05/14/2015
0001362200		P-10 (90% ARGON 10% METHANE)	220	cf	05/14/2015
0001362173	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/14/2015
0001333907		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333908		CONTACT CLEANER 2000	13	oz	05/14/2015
0001333909		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333910		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001382223		SHREDDER OIL	1	gal	05/14/2015
0001382224		SHREDDER OIL	1	gal	05/14/2015
0001382225		SHREDDER OIL	1	gal	05/14/2015
0001382226		SHREDDER OIL	1	gal	05/14/2015
0001382227		SHREDDER OIL	1	gal	05/14/2015
0001382228		SHREDDER OIL	1	gal	05/14/2015
0001362198		P-10 (90% ARGON 10% METHANE)	220	cf	05/14/2015
0001382237		SHREDDER OIL	1	gal	05/14/2015
0001280301		FANTASTIKE ALL PURPOSE CLEANER		qt	05/14/2015
0001382245		SHREDDER OIL	1	gal	05/14/2015
0001382243		SHREDDER OIL		gal	05/14/2015
0001382241		SHREDDER OIL		gal	05/14/2015
0001382240		SHREDDER OIL	1	gal	05/14/2015
0001382229		SHREDDER OIL	1	gal	05/14/2015
0001382238		SHREDDER OIL	1	gal	05/14/2015
0001382230		SHREDDER OIL	1	gal	05/14/2015
0001382236		SHREDDER OIL		gal	05/14/2015
0001382235		SHREDDER OIL		gal	05/14/2015
0001382234		SHREDDER OIL		gal	05/14/2015
0001382233		SHREDDER OIL		gal	05/14/2015
0001382232		SHREDDER OIL	1	gal	05/14/2015
0001362197		P-10 (90% ARGON 10% METHANE)	220	cf	05/14/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001382239		SHREDDER OIL	1	gal	05/14/2015
0001362182	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/14/2015
0001362166	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/14/2015
0001362167	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/14/2015
0001362168	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/14/2015
0001362169	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/14/2015
0001362170	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/14/2015
0001362171	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/14/2015
0001362172	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/14/2015
0001362174	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/14/2015
0001362175	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/14/2015
0001362176	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/14/2015
0001362177	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/14/2015
0001362178	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/14/2015
0001362179	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/14/2015
0001362199		P-10 (90% ARGON 10% METHANE)	220	cf	05/14/2015
0001362188	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/14/2015
0001362196		P-10 (90% ARGON 10% METHANE)	220	cf	05/14/2015
0001362195		P-10 (90% ARGON 10% METHANE)	220	cf	05/14/2015
0001362193	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/14/2015
0001362192	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/14/2015
0001362191	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/14/2015
0001362180	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/14/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001362189	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/14/2015
0001362181	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/14/2015
0001362187	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/14/2015
0001362186	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/14/2015
0001362185	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/14/2015
0001362184	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/14/2015
0001362183	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/14/2015
0001382248		SHREDDER OIL	12	oz	05/14/2015
0001362190	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/14/2015
0001280339		SP 705 Non-Chlorinated Brake & Parts Cleaner	14	oz	05/14/2015
0001382246		SHREDDER OIL	1	gal	05/14/2015
0001280325		SP 705 Non-Chlorinated Brake & Parts Cleaner		oz	05/14/2015
0001280326		SP 705 Non-Chlorinated Brake & Parts Cleaner	14	OZ	05/14/2015
0001280327		SP 705 Non-Chlorinated Brake & Parts Cleaner	14	OZ	05/14/2015
0001280328		SP 705 Non-Chlorinated Brake & Parts Cleaner	14	OZ	05/14/2015
0001280329		SP 705 Non-Chlorinated Brake & Parts Cleaner	14	oz	05/14/2015
0001280330		SP 705 Non-Chlorinated Brake & Parts Cleaner	14	OZ	05/14/2015
0001280331		SP 705 Non-Chlorinated Brake & Parts Cleaner	14	OZ	05/14/2015
0001280332		SP 705 Non-Chlorinated Brake & Parts Cleaner	14	OZ	05/14/2015
0001280333		SP 705 Non-Chlorinated Brake & Parts Cleaner	14	OZ	05/14/2015
0001280334		SP 705 Non-Chlorinated Brake & Parts Cleaner	14	OZ	05/14/2015
0001280335		SP 705 Non-Chlorinated Brake & Parts Cleaner	14	OZ	05/14/2015
0001280336		SP 705 Non-Chlorinated Brake & Parts Cleaner	14	OZ	05/14/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001280323		SP 705 Non-Chlorinated Brake & Parts Cleaner	14	OZ	05/14/2015
0001333774		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001280298		FANTASTIKE ALL PURPOSE CLEANER	1	qt	05/14/2015
0001280297		FANTASTIKE ALL PURPOSE CLEANER	1	qt	05/14/2015
0001280296		FANTASTIKE ALL PURPOSE CLEANER	1	qt	05/14/2015
0001280295		FANTASTIKE ALL PURPOSE CLEANER	1	qt	05/14/2015
0001340757	108-88-3	TOLUENE	1	I	05/14/2015
0001280337		SP 705 Non-Chlorinated Brake & Parts Cleaner	14	oz	05/14/2015
0001333775		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001280338		SP 705 Non-Chlorinated Brake & Parts Cleaner	14	oz	05/14/2015
0001333773		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333772		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001280342		SP 705 Non-Chlorinated Brake & Parts Cleaner	14	oz	05/14/2015
0001280341		SP 705 Non-Chlorinated Brake & Parts Cleaner	14	OZ	05/14/2015
0001280340		SP 705 Non-Chlorinated Brake & Parts Cleaner	14	OZ	05/14/2015
0001280322		SP 705 Non-Chlorinated Brake & Parts Cleaner	14	OZ	05/14/2015
0001333776		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001382264		SHREDDER OIL	12	OZ	05/14/2015
0001382249		SHREDDER OIL		OZ	05/14/2015
0001382250		SHREDDER OIL		OZ	05/14/2015
0001382251		SHREDDER OIL		OZ	05/14/2015
0001382252		SHREDDER OIL		OZ	05/14/2015
0001382253		SHREDDER OIL SHREDDER OIL		OZ	05/14/2015
0001382254 0001382255		SHREDDER OIL		OZ OZ	05/14/2015 05/14/2015
0001382256		SHREDDER OIL		OZ	05/14/2015
0001382257		SHREDDER OIL		OZ	05/14/2015
0001382258		SHREDDER OIL		OZ	05/14/2015
0001382259		SHREDDER OIL		OZ	05/14/2015
0001382260		SHREDDER OIL		OZ	05/14/2015
0001382261		SHREDDER OIL		OZ	05/14/2015
0001280324		SP 705 Non-Chlorinated Brake & Parts Cleaner		OZ	05/14/2015
0001382270		SHREDDER OIL	12	OZ	05/14/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001280321		SP 705 Non-Chlorinated Brake & Parts Cleaner	14	oz	05/14/2015
0001382276		SHREDDER OIL	12	OZ	05/14/2015
0001382275		SHREDDER OIL	12	oz	05/14/2015
0001382274		SHREDDER OIL	12	OZ	05/14/2015
0001382273		SHREDDER OIL	12	OZ	05/14/2015
0001382262		SHREDDER OIL	12	OZ	05/14/2015
0001382271		SHREDDER OIL	12	OZ	05/14/2015
0001382263		SHREDDER OIL	12	OZ	05/14/2015
0001382269		SHREDDER OIL	1	gal	05/14/2015
0001382268		SHREDDER OIL	1	gal	05/14/2015
0001382267		SHREDDER OIL	1	gal	05/14/2015
0001382266		SHREDDER OIL	1	gal	05/14/2015
0001382265		SHREDDER OIL	1	gal	05/14/2015
0001333840		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001382272		SHREDDER OIL	12	OZ	05/14/2015
0001333943		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333957		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001340894	67-56-1	METHYL ALCOHOL	4	I	05/14/2015
0001340893	67-56-1	METHYL ALCOHOL	4	I	05/14/2015
0001340892	67-56-1	METHYL ALCOHOL	4	I	05/14/2015
0001340891	67-56-1	METHYL ALCOHOL	4	I	05/14/2015
0001340890		FANTASTIKE ALL PURPOSE CLEANER	1	gal	05/14/2015
0001340889		FANTASTIKE ALL PURPOSE CLEANER	1	gal	05/14/2015
0001340888		FANTASTIKE ALL PURPOSE CLEANER	1	gal	05/14/2015
0001340887		FANTASTIKE ALL PURPOSE CLEANER	1	gal	05/14/2015
0001340886		FANTASTIKE ALL PURPOSE CLEANER	1	gal	05/14/2015
0001340885		FANTASTIKE ALL PURPOSE CLEANER	1	gal	05/14/2015
0001340884		FANTASTIKE ALL PURPOSE CLEANER	1	gal	05/14/2015
0001333940		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001340967		DuroCit-3 Kit	450	ml	05/14/2015
0001333949		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333838		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333955		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333954		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333953		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333952		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333941		CONTACT CLEANER 2000	13	OZ	05/14/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001333950		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333942		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333948		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333947		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333946		CONTACT CLEANER 2000		OZ	05/14/2015
0001333945		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333944		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001340968	82494-09-5	n-DECYL-?-D-MALTOPYRANOSIDE	25	gm	05/14/2015
0001333951		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333766		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333937		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333938		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333939		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001340733		GLYPTAL 1201 RED ENAMEL	12.75	OZ	05/14/2015
0001340734		GLYPTAL 1201 RED ENAMEL	12.75	OZ	05/14/2015
0001340735	7722-84-1	HYDROGEN PEROXIDE	500	ml	05/14/2015
0001340736	7722-84-1	HYDROGEN PEROXIDE	500	ml	05/14/2015
0001340737	7722-84-1	HYDROGEN PEROXIDE	500	ml	05/14/2015
0001340738	7722-84-1	HYDROGEN PEROXIDE	500	ml	05/14/2015
0001340739	7722-84-1	HYDROGEN PEROXIDE	500	ml	05/14/2015
0001333761		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333762		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333763		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001340966		DuroCit-3 Kit	450	ml	05/14/2015
0001362215		P-10 (90% ARGON 10% METHANE)	220	cf	05/14/2015
0001340969	302-01-2	HYDRAZINE, ANHYDROUS	100	gm	05/14/2015
0001340971		MICROPOSIT DEVELOPER 354		gal	05/14/2015
0001340972		MICROPOSIT DEVELOPER 354	4	gal	05/14/2015
0001340973		MICROPOSIT DEVELOPER 354	4	gal	05/14/2015
0001340974		MICROPOSIT DEVELOPER 354	4	gal	05/14/2015
0001333764		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001340542		Loctite 3108 Light Cure Adhesive	25	ml	05/14/2015
0001333765		CONTACT CLEANER 2000	13	oz	05/14/2015
0001333771		CONTACT CLEANER 2000		OZ	05/14/2015
0001333770		CONTACT CLEANER 2000		OZ	05/14/2015
0001333769		CONTACT CLEANER 2000		OZ	05/14/2015
0001333768		CONTACT CLEANER 2000		oz	05/14/2015
0001333767		CONTACT CLEANER 2000		oz	05/14/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001333958		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001340541		Loctite 3108 Light Cure Adhesive	25	ml	05/14/2015
0001340880		FANTASTIKE ALL PURPOSE CLEANER	1	gal	05/14/2015
0001333956		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001340756	10025-77-1	FERRIC CHLORIDE, LUMPS	100	gm	05/14/2015
0001340867	Multi	HAFNIUM n-BUTOXIDE	100	gm	05/14/2015
0001340868	Multi	HAFNIUM n-BUTOXIDE	100	gm	05/14/2015
0001340869	Multi	HAFNIUM n-BUTOXIDE	100	~	05/14/2015
0001340870	Multi	HAFNIUM n-BUTOXIDE	100	gm	05/14/2015
0001340871	Multi	HAFNIUM n-BUTOXIDE	100	_	05/14/2015
0001340872	Multi	HAFNIUM n-BUTOXIDE	100		05/14/2015
0001340873	Multi	HAFNIUM n-BUTOXIDE		gm	05/14/2015
0001340874	Multi	HAFNIUM n-BUTOXIDE	100	gm	05/14/2015
0001340875		FANTASTIKE ALL PURPOSE CLEANER	1	gal	05/14/2015
0001340876		FANTASTIKE ALL PURPOSE CLEANER	1	gal	05/14/2015
0001340877		FANTASTIKE ALL PURPOSE CLEANER	1	gal	05/14/2015
0001340754		CORROSION INHIBITOR	15	gal	05/14/2015
0001362218		P-10 (90% ARGON 10% METHANE)	220	cf	05/14/2015
0001333979		CONTACT CLEANER 2000	13	oz	05/14/2015
0001333978		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333977		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333976		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333975		CONTACT CLEANER 2000	13	oz	05/14/2015
0001340878		FANTASTIKE ALL PURPOSE CLEANER	1	gal	05/14/2015
0001362157	7440-59-7	HELIUM	220	cf	05/14/2015
0001340879		FANTASTIKE ALL PURPOSE CLEANER	1	gal	05/14/2015
0001362124		94% Argon and 6% Hydrogen	220	cf	05/14/2015
0001362126		94% Argon and 6% Hydrogen	220	cf	05/14/2015
0001340882		FANTASTIKE ALL PURPOSE CLEANER	1	gal	05/14/2015
0001340883		FANTASTIKE ALL PURPOSE CLEANER	1	gal	05/14/2015
0001340881		FANTASTIKE ALL PURPOSE CLEANER	1	gal	05/14/2015
0001340753	75-05-8	ACETONITRILE HPLC	4	I	05/14/2015

Barcode	CAS#	Chemical Name	Container	Unit of	Date
0001362161	7440-59-7	HELIUM	Size 220	Measure	OF /14/2015
0001302101	7440-39-7	CONTACT CLEANER 2000		OZ	05/14/2015 05/14/2015
0001333974		CONTACT CLEANER 2000		OZ OZ	05/14/2015
0001333960		CONTACT CLEANER 2000		OZ	05/14/2015
0001333961		CONTACT CLEANER 2000		OZ	05/14/2015
0001333962		CONTACT CLEANER 2000		OZ	05/14/2015
0001333963		CONTACT CLEANER 2000		oz	05/14/2015
0001333964		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333965		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333966		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333967		CONTACT CLEANER 2000	13	oz	05/14/2015
0001333968		CONTACT CLEANER 2000	13	oz	05/14/2015
0001333969		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333970		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333971		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001340755	7697-37-2	NITRIC ACID, FUMING		gm	05/14/2015
0001340745	7722-84-1	HYDROGEN PEROXIDE	500		05/14/2015
0001340752	64-19-7	ACETIC ACID	500		05/14/2015
0001340751	64-19-7	ACETIC ACID	500		05/14/2015
0001340750	64-19-7	ACETIC ACID	500		05/14/2015
0001340749	64-19-7	ACETIC ACID	500		05/14/2015
0001340748	64-19-7	ACETIC ACID	500	†	05/14/2015
0001333972	7722.04.4	CONTACT CLEANER 2000		OZ	05/14/2015
0001340746	7722-84-1	HYDROGEN PEROXIDE	500	†	05/14/2015
0001333973 0001340744	7722-84-1	CONTACT CLEANER 2000	500	OZ ml	05/14/2015
0001340744	7722-84-1	HYDROGEN PEROXIDE HYDROGEN PEROXIDE	500		05/14/2015 05/14/2015
0001340743	7722-84-1	HYDROGEN PEROXIDE	500		05/14/2015
0001340742	7722-84-1	HYDROGEN PEROXIDE	500		05/14/2015
0001340741	7722-84-1	HYDROGEN PEROXIDE	500		05/14/2015
0001333934	7722 04 1	CONTACT CLEANER 2000		OZ	05/14/2015
00013333331	64-19-7	ACETIC ACID	500		05/14/2015
0001333710		CONTACT CLEANER 2000		OZ	05/14/2015
0001333936		CONTACT CLEANER 2000		OZ	05/14/2015
0001362149	7440-59-7	HELIUM	220		05/14/2015
0001362150	7440-59-7	HELIUM	220		05/14/2015
0001362151	7440-59-7	HELIUM	220		05/14/2015
0001362152	7440-59-7	HELIUM	220	cf	05/14/2015
0001362153	7440-59-7	HELIUM	220	cf	05/14/2015
0001362154	7440-59-7	HELIUM	220	cf	05/14/2015
0001362155	7440-59-7	HELIUM	220	cf	05/14/2015
0001333703		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333704		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333705		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333706		CONTACT CLEANER 2000	13	oz	05/14/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001333707		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001362147	7440-59-7	HELIUM	220	cf	05/14/2015
0001333716		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333723		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333722		CONTACT CLEANER 2000		OZ	05/14/2015
0001333721		CONTACT CLEANER 2000		OZ	05/14/2015
0001333720		CONTACT CLEANER 2000		OZ	05/14/2015
0001333719		CONTACT CLEANER 2000		OZ	05/14/2015
0001333708		CONTACT CLEANER 2000		OZ	05/14/2015
0001333717		CONTACT CLEANER 2000		OZ	05/14/2015
0001333709		CONTACT CLEANER 2000		OZ	05/14/2015
0001333715		CONTACT CLEANER 2000		OZ	05/14/2015
0001333714		CONTACT CLEANER 2000		OZ	05/14/2015
0001333713		CONTACT CLEANER 2000		OZ	05/14/2015
0001333712		CONTACT CLEANER 2000		OZ	05/14/2015
0001333711	7440 50 7	CONTACT CLEANER 2000		OZ	05/14/2015
0001362146	7440-59-7	HELIUM	220		05/14/2015
0001333718		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001362132		94% Argon and 6% Hydrogen	220	cf	05/14/2015
0001333782		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001362114	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/14/2015
0001362115	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/14/2015
0001362116	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/14/2015
0001362117	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/14/2015
0001362118	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/14/2015
0001362119	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/14/2015
0001362121	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/14/2015
0001362122	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/14/2015
0001362123	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/14/2015
0001362125		94% Argon and 6% Hydrogen	220	cf	05/14/2015
0001362127		94% Argon and 6% Hydrogen	220	cf	05/14/2015
0001362129		94% Argon and 6% Hydrogen	220	cf	05/14/2015

Barcode	CAS#	Chemical Name	Container	Unit of	Date
2224252442			Size	Measure	0= /4 4 /0 0 4 =
0001362148	7440-59-7	HELIUM	220	ct	05/14/2015
0001362138		94% Argon and 6% Hydrogen	220	cf	05/14/2015
0001362145	7440-59-7	HELIUM	220		05/14/2015
0001362144	7440-59-7	HELIUM	220	cf	05/14/2015
0001362143	7440-59-7	HELIUM	220		05/14/2015
0001362142	7440-59-7	HELIUM	220		05/14/2015
0001362141	7440-59-7	HELIUM	220	cf	05/14/2015
0001362130		94% Argon and 6% Hydrogen	220	cf	05/14/2015
0001362139	7440-59-7	HELIUM	220	cf	05/14/2015
0001362131		94% Argon and 6% Hydrogen	220	cf	05/14/2015
0001362137		94% Argon and 6% Hydrogen	220	cf	05/14/2015
0001362136		94% Argon and 6% Hydrogen	220	cf	05/14/2015
0001362135		94% Argon and 6% Hydrogen	220	cf	05/14/2015
0001362134		94% Argon and 6% Hydrogen	220	cf	05/14/2015
0001362133		94% Argon and 6% Hydrogen	220	cf	05/14/2015
0001362194		P-10 (90% ARGON 10% METHANE)	220	cf	05/14/2015
0001362140	7440-59-7	HELIUM	220	cf	05/14/2015
0001333921		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333756		CONTACT CLEANER 2000	13	oz	05/14/2015
0001333757		CONTACT CLEANER 2000	13	oz	05/14/2015
0001333758		CONTACT CLEANER 2000	13	oz	05/14/2015
0001333759		CONTACT CLEANER 2000	13	oz	05/14/2015
0001333760		CONTACT CLEANER 2000	13	oz	05/14/2015
0001333911		CONTACT CLEANER 2000	13	oz	05/14/2015
0001333912		CONTACT CLEANER 2000	13	oz	05/14/2015
0001333913		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333914		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333915		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333916		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333917		CONTACT CLEANER 2000		OZ	05/14/2015
0001333918		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333724		CONTACT CLEANER 2000		oz	05/14/2015
0001333927		CONTACT CLEANER 2000		oz	05/14/2015
0001333839		CONTACT CLEANER 2000		oz	05/14/2015
0001333933		CONTACT CLEANER 2000		OZ	05/14/2015
0001333932		CONTACT CLEANER 2000		OZ	05/14/2015

Barcode	CAS#	Chemical Name	Container	Unit of	Date
0004333034		CONTACT CLEANED 2000	Size	Measure	05/44/2045
0001333931 0001333930		CONTACT CLEANER 2000 CONTACT CLEANER 2000		oz oz	05/14/2015
0001333930		CONTACT CLEANER 2000		OZ OZ	05/14/2015 05/14/2015
0001333919		CONTACT CLEANER 2000		OZ OZ	05/14/2015
0001333928		CONTACT CLEANER 2000		OZ OZ	05/14/2015
0001333926		CONTACT CLEANER 2000		OZ	05/14/2015
0001333925		CONTACT CLEANER 2000		OZ	05/14/2015
0001333924		CONTACT CLEANER 2000		OZ	05/14/2015
0001333923		CONTACT CLEANER 2000		OZ	05/14/2015
0001333922		CONTACT CLEANER 2000		OZ	05/14/2015
0001333753		CONTACT CLEANER 2000		OZ	05/14/2015
0001333929		CONTACT CLEANER 2000		OZ	05/14/2015
0001333730		CONTACT CLEANER 2000		OZ	05/14/2015
0001333755		CONTACT CLEANER 2000		OZ	05/14/2015
0001333736		CONTACT CLEANER 2000		OZ	05/14/2015
0001333735		CONTACT CLEANER 2000		OZ	05/14/2015
0001333734		CONTACT CLEANER 2000		OZ	05/14/2015
0001333733		CONTACT CLEANER 2000		OZ	05/14/2015
0001333738		CONTACT CLEANER 2000	13	oz	05/14/2015
0001333731		CONTACT CLEANER 2000		oz	05/14/2015
0001333739		CONTACT CLEANER 2000		OZ	05/14/2015
0001333729		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333728		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333727		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333726		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001362128		94% Argon and 6% Hydrogen	220	cf	05/14/2015
0001333935		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333732		CONTACT CLEANER 2000		OZ	05/14/2015
0001333746		CONTACT CLEANER 2000		OZ	05/14/2015
0001333725		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333752		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333751		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333750		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333749		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333737		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333747		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333754		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333745		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333744		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333743		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333742		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333741		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333740		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333748		CONTACT CLEANER 2000	13	OZ	05/14/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001280250		2-CYCLE ENGINE OIL	6.4	OZ	05/14/2015
0001280474		fast setting cement	60	lb	05/14/2015
0001280475		fast setting cement	60		05/14/2015
0001280476		fast setting cement	60		05/14/2015
0001280477		fast setting cement	60		05/14/2015
0001280478		fast setting cement	60		05/14/2015
0001280479		fast setting cement	60		05/14/2015
0001280480		fast setting cement	60		05/14/2015
0001280481		fast setting cement	60		05/14/2015
0001280482		fast setting cement	60		05/14/2015
0001280483		fast setting cement	60		05/14/2015
0001382310		SHREDDER OIL		OZ	05/14/2015
0001362159	7440-59-7	HELIUM	220		05/14/2015
0001280249		2-CYCLE ENGINE OIL	6.4		05/14/2015
0001280471		fast setting cement	60		05/14/2015
0001280251		2-CYCLE ENGINE OIL	6.4		05/14/2015
0001280252		2-CYCLE ENGINE OIL	6.4		05/14/2015
0001280254		2-CYCLE ENGINE OIL	6.4	OZ	05/14/2015
0001280256		2-CYCLE ENGINE OIL	6.4	OZ	05/14/2015
0001280257		2-CYCLE ENGINE OIL	6.4	OZ	05/14/2015
0001280258		2-CYCLE ENGINE OIL	6.4	OZ	05/14/2015
0001280259		2-CYCLE ENGINE OIL	6.4		05/14/2015
0001280260		2-CYCLE ENGINE OIL	6.4	OZ	05/14/2015
0001280261		2-CYCLE ENGINE OIL	6.4	OZ	05/14/2015
0001280262		2-CYCLE ENGINE OIL	6.4		05/14/2015
0001280263		2-CYCLE ENGINE OIL	6.4	OZ	05/14/2015
0001280264		2-CYCLE ENGINE OIL	6.4		05/14/2015
0001280248		2-CYCLE ENGINE OIL 5% HYDROGEN/BAL. NITROGEN	6.4	oz cf	05/14/2015 05/14/2015
0001262159	7440 50 7	1151111111	220	ct	05/14/2015
0001362158 0001362156	7440-59-7 7440-59-7	HELIUM HELIUM	220 220		05/14/2015 05/14/2015
0001302130	7440-33-7	2-CYCLE ENGINE OIL	6.4		05/14/2015
0001280247		P-10 (90% ARGON 10% METHANE)	220		05/14/2015
0001362225		P-10 (90% ARGON 10% METHANE)	220	cf	05/14/2015
0001362226		P-10 (90% ARGON 10% METHANE)	220	cf	05/14/2015
0001362227		P-10 (90% ARGON 10% METHANE)	220	cf	05/14/2015
0001362228		P-10 (90% ARGON 10% METHANE)	220	cf	05/14/2015
0001362229		P-10 (90% ARGON 10% METHANE)	220	cf	05/14/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001362230		P-10 (90% ARGON 10% METHANE)	220	cf	05/14/2015
0001362231		P-10 (90% ARGON 10% METHANE)	220	cf	05/14/2015
0001362232		P-10 (90% ARGON 10% METHANE)	220	cf	05/14/2015
0001280473		fast setting cement	60	lb	05/14/2015
0001362234		5% HYDROGEN/BAL. NITROGEN	220	cf	05/14/2015
0001280472		fast setting cement	60	lb	05/14/2015
0001362236		5% HYDROGEN/BAL. NITROGEN	220	cf	05/14/2015
0001362120	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/14/2015
0001280319		SP 705 Non-Chlorinated Brake & Parts Cleaner	14	OZ	05/14/2015
0001320202		WELDON ACRYLIC CEMENT	16	OZ	05/14/2015
0001280464		fast setting cement	60	lb	05/14/2015
0001280465		fast setting cement	60	lb	05/14/2015
0001280466		fast setting cement	60	lb	05/14/2015
0001280467		fast setting cement	60		05/14/2015
0001280468		fast setting cement	60		05/14/2015
0001280469		fast setting cement	60	lb	05/14/2015
0001280470		fast setting cement	60	lb	05/14/2015
0001280267		2-CYCLE ENGINE OIL	6.4	OZ	05/14/2015
0001362233		5% HYDROGEN/BAL. NITROGEN	220	cf	05/14/2015
0001280286		2-CYCLE ENGINE OIL	6.4	OZ	05/14/2015
0001280265		2-CYCLE ENGINE OIL	6.4	OZ	05/14/2015
0001280234		LOCTITE NICKEL ANTISEIZE	8	OZ	05/14/2015
0001280233		LOCTITE NICKEL ANTISEIZE	8	OZ	05/14/2015
0001279526		BLASOCUT 2000	5	gal	05/14/2015
0001279525		BLASOCUT 2000	5	gal	05/14/2015
0001279524		BLASOCUT 2000	5	gal	05/14/2015
0001280294		2-CYCLE ENGINE OIL	6.4	OZ	05/14/2015
0001280293		2-CYCLE ENGINE OIL	6.4	OZ	05/14/2015
0001280292		2-CYCLE ENGINE OIL	6.4	OZ	05/14/2015
0001280291		2-CYCLE ENGINE OIL	6.4	OZ	05/14/2015
0001280290		2-CYCLE ENGINE OIL	6.4	OZ	05/14/2015
0001280289		2-CYCLE ENGINE OIL	6.4	OZ	05/14/2015
0001280236		LOCTITE NICKEL ANTISEIZE	8	OZ	05/14/2015
0001280287		2-CYCLE ENGINE OIL	6.4	OZ	05/14/2015
0001280237		LOCTITE NICKEL ANTISEIZE	8	OZ	05/14/2015
0001280285		2-CYCLE ENGINE OIL	6.4	OZ	05/14/2015
0001280284		2-CYCLE ENGINE OIL	6.4	OZ	05/14/2015

Barcode	CAS#	Chemical Name	Container	Unit of	Data
Багсоде	CAS#	Chemical Name	Size	Measure	Date
0001280283		2-CYCLE ENGINE OIL	6.4	OZ	05/14/2015
0001280282		2-CYCLE ENGINE OIL	6.4	OZ	05/14/2015
0001280281		2-CYCLE ENGINE OIL	6.4	OZ	05/14/2015
0001280280		2-CYCLE ENGINE OIL	6.4	OZ	05/14/2015
0001280279		2-CYCLE ENGINE OIL	6.4	OZ	05/14/2015
0001280278		2-CYCLE ENGINE OIL	6.4	OZ	05/14/2015
0001280277		2-CYCLE ENGINE OIL	6.4	OZ	05/14/2015
0001280276		2-CYCLE ENGINE OIL	6.4	OZ	05/14/2015
0001280275		2-CYCLE ENGINE OIL	EANER 2000 13 oz GINE OIL 6.4 oz 11 gal GINE OIL 6.4 oz GINE OIL 6.4 oz		05/14/2015
0001333784		CONTACT CLEANER 2000	13	oz	05/14/2015
0001280288		2-CYCLE ENGINE OIL	6.4	oz	05/14/2015
0001362246	74-98-6	PROPANE	11	gal	05/14/2015
0001280253		2-CYCLE ENGINE OIL	6.4	oz	05/14/2015
0001280268		2-CYCLE ENGINE OIL	6.4	oz	05/14/2015
0001280269		2-CYCLE ENGINE OIL	6.4	oz	05/14/2015
0001280270		2-CYCLE ENGINE OIL	6.4	oz	05/14/2015
0001280271		2-CYCLE ENGINE OIL	6.4	OZ	05/14/2015
0001280272		2-CYCLE ENGINE OIL	6.4	OZ	05/14/2015
0001280273		2-CYCLE ENGINE OIL	6.4	OZ	05/14/2015
0001280274		2-CYCLE ENGINE OIL	6.4	OZ	05/14/2015
0001362237		5% HYDROGEN/BAL. NITROGEN	220	cf	05/14/2015
0001362238	74-98-6	PROPANE	25	gal	05/14/2015
0001362242	74-98-6	PROPANE	11	gal	05/14/2015
0001362243	74-98-6	PROPANE	11	gal	05/14/2015
0001280235		LOCTITE NICKEL ANTISEIZE	8	oz	05/14/2015
0001362245	74-98-6	PROPANE	11	gal	05/14/2015
0001280266		2-CYCLE ENGINE OIL	6.4	oz	05/14/2015
0001362247	74-98-6	PROPANE	11	gal	05/14/2015
0001362248	74-98-6	PROPANE	11	gal	05/14/2015
0001362249	74-98-6	PROPANE	11	gal	05/14/2015
0001362250	74-98-6	PROPANE	11	gal	05/14/2015
0001362251	74-98-6	PROPANE	11	gal	05/14/2015
0001362252	74-98-6	PROPANE	11	gal	05/14/2015
0001362253	74-98-6	PROPANE	11	gal	05/14/2015
0001280242		LOCTITE NICKEL ANTISEIZE	8	OZ	05/14/2015
0001280241		LOCTITE NICKEL ANTISEIZE	8	OZ	05/14/2015
0001280240		LOCTITE NICKEL ANTISEIZE	8	OZ	05/14/2015
0001280239		LOCTITE NICKEL ANTISEIZE	8	OZ	05/14/2015
0001280238		LOCTITE NICKEL ANTISEIZE	8	OZ	05/14/2015
0001362244	74-98-6	PROPANE		gal	05/14/2015
0001280320		SP 705 Non-Chlorinated Brake & Parts Cleaner	14	OZ	05/14/2015
0001280255		2-CYCLE ENGINE OIL	6.4	OZ	05/14/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001280231		AEROKROIL LUBRICANT SPRAY	10	OZ	05/14/2015
0001280232		AEROKROIL LUBRICANT SPRAY	10	OZ	05/14/2015
0001362160	7440-59-7	HELIUM	220	cf	05/14/2015
0001362164	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/14/2015
0001362163	7440-59-7	HELIUM	220	cf	05/14/2015
0001362162	7440-59-7	HELIUM	220	cf	05/14/2015
0001333860		CONTACT CLEANER 2000	13	oz	05/14/2015
0001382215		SHREDDER OIL	1	gal	05/14/2015
0001333870		CONTACT CLEANER 2000	13	oz	05/14/2015
0001333871		CONTACT CLEANER 2000	13	oz	05/14/2015
0001362239	74-98-6	PROPANE	25	gal	05/14/2015
0001362240	74-98-6	PROPANE	25	gal	05/14/2015
0001362241	74-98-6	PROPANE	25	gal	05/14/2015
0001382210		SHREDDER OIL	1	gal	05/14/2015
0001382211		SHREDDER OIL	1	gal	05/14/2015
0001382212		SHREDDER OIL	1	gal	05/14/2015
0001382284		SHREDDER OIL	12	oz	05/14/2015
0001382214		SHREDDER OIL	1	gal	05/14/2015
0001333867		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001382216		SHREDDER OIL	1	gal	05/14/2015
0001382217		SHREDDER OIL	1	gal	05/14/2015
0001382218		SHREDDER OIL		gal	05/14/2015
0001382219		SHREDDER OIL	1	gal	05/14/2015
0001382220		SHREDDER OIL	1	gal	05/14/2015
0001382221		SHREDDER OIL		gal	05/14/2015
0001382222		SHREDDER OIL	1	gal	05/14/2015
0001333843		CONTACT CLEANER 2000		OZ	05/14/2015
0001382213		SHREDDER OIL		gal	05/14/2015
0001333856		CONTACT CLEANER 2000		OZ	05/14/2015
0001333844		CONTACT CLEANER 2000		OZ	05/14/2015
0001333846		CONTACT CLEANER 2000		OZ	05/14/2015
0001333858		CONTACT CLEANER 2000		OZ	05/14/2015
0001333849		CONTACT CLEANER 2000		OZ	05/14/2015
0001333850		CONTACT CLEANER 2000		OZ	05/14/2015
0001333851		CONTACT CLEANER 2000		OZ	05/14/2015
0001333852		CONTACT CLEANER 2000		OZ	05/14/2015
0001333853		CONTACT CLEANER 2000		OZ	05/14/2015
0001333869		CONTACT CLEANER 2000		OZ	05/14/2015
0001333855		CONTACT CLEANER 2000		OZ	05/14/2015
0001333868		CONTACT CLEANER 2000		OZ	05/14/2015
0001333857		CONTACT CLEANER 2000		OZ	05/14/2015
0001333859		CONTACT CLEANER 2000	13	OZ	05/14/2015

Barcode	CAS#	Chemical Name	Container	Unit of	Date
2221222221			Size	Measure	0= /4 4 /0 0 4 =
0001333861		CONTACT CLEANER 2000		OZ	05/14/2015
0001333862		CONTACT CLEANER 2000		OZ	05/14/2015
0001333863		CONTACT CLEANER 2000		OZ	05/14/2015
0001333864 0001333865		CONTACT CLEANER 2000 CONTACT CLEANER 2000		OZ OZ	05/14/2015 05/14/2015
0001333866		CONTACT CLEANER 2000		OZ OZ	05/14/2015
0001333800		SHREDDER OIL		OZ OZ	05/14/2015
0001382283		CONTACT CLEANER 2000		OZ OZ	05/14/2015
0001333898		CONTACT CLEANER 2000		OZ	05/14/2015
0001333888		CONTACT CLEANER 2000		OZ	05/14/2015
0001333889		CONTACT CLEANER 2000		OZ	05/14/2015
0001333890		CONTACT CLEANER 2000		OZ	05/14/2015
0001333891		CONTACT CLEANER 2000		OZ	05/14/2015
0001333892		CONTACT CLEANER 2000		OZ	05/14/2015
0001333893		CONTACT CLEANER 2000		oz	05/14/2015
0001333894		CONTACT CLEANER 2000	13	oz	05/14/2015
0001333895		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001382285		SHREDDER OIL	12	OZ	05/14/2015
0001333897		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333885		CONTACT CLEANER 2000	13	oz	05/14/2015
0001333899		CONTACT CLEANER 2000	13	oz	05/14/2015
0001333900		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333901		CONTACT CLEANER 2000	13	oz	05/14/2015
0001333902		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333903		CONTACT CLEANER 2000	13	OZ	05/14/2015
0001333904		CONTACT CLEANER 2000		OZ	05/14/2015
0001333905		CONTACT CLEANER 2000		OZ	05/14/2015
0001333906		CONTACT CLEANER 2000		OZ	05/14/2015
0001333896		CONTACT CLEANER 2000		OZ	05/14/2015
0001333876		CONTACT CLEANER 2000		OZ	05/14/2015
0001382282		SHREDDER OIL		OZ	05/14/2015
0001382281		SHREDDER OIL		OZ	05/14/2015
0001382280		SHREDDER OIL		OZ	05/14/2015
0001382279		SHREDDER OIL		OZ	05/14/2015
0001382278		SHREDDER OIL		OZ	05/14/2015
0001382277		SHREDDER OIL		OZ	05/14/2015
0001333872		CONTACT CLEANER 2000		OZ	05/14/2015
0001333873 0001333887		CONTACT CLEANER 2000 CONTACT CLEANER 2000		OZ OZ	05/14/2015
-		CONTACT CLEANER 2000		†	05/14/2015
0001333875 0001333886		CONTACT CLEANER 2000 CONTACT CLEANER 2000		OZ OZ	05/14/2015 05/14/2015
0001333886		CONTACT CLEANER 2000		OZ OZ	05/14/2015
0001333877		CONTACT CLEANER 2000		OZ OZ	05/14/2015
0001333879		CONTACT CLEANER 2000		OZ OZ	05/14/2015
0001333880		CONTACT CLEANER 2000		OZ OZ	05/14/2015
0001333000		CONTACT CLEANER 2000	13	JU2	03/14/2013

Barcode	CAS#	Chemical Name	Container	Unit of	Date
0001333881		CONTACT CLEANER 2000	Size	Measure oz	05/14/2015
0001333882		CONTACT CLEANER 2000		OZ OZ	05/14/2015
0001333883		CONTACT CLEANER 2000		OZ OZ	05/14/2015
0001333884		CONTACT CLEANER 2000		OZ	05/14/2015
0001333845		CONTACT CLEANER 2000		OZ	05/14/2015
0001333874		CONTACT CLEANER 2000		OZ	05/14/2015
0001333842		CONTACT CLEANER 2000		oz	05/14/2015
0001382329		SHREDDER OIL	12	oz	05/14/2015
0001382315		SHREDDER OIL	12	oz	05/14/2015
0001382316		SHREDDER OIL	12	oz	05/14/2015
0001382319		SHREDDER OIL	12	oz	05/14/2015
0001382320		SHREDDER OIL	12	oz	05/14/2015
0001382321		SHREDDER OIL	12	oz	05/14/2015
0001382322		SHREDDER OIL	12	OZ	05/14/2015
0001382323		SHREDDER OIL		oz	05/14/2015
0001382324		SHREDDER OIL		oz	05/14/2015
0001382325		SHREDDER OIL		oz	05/14/2015
0001340732		GLYPTAL 1201 RED ENAMEL	12.75		05/14/2015
0001340731		GLYPTAL 1201 RED ENAMEL	12.75		05/14/2015
0001382313		SHREDDER OIL		OZ	05/14/2015
0001382327		SHREDDER OIL		OZ	05/14/2015
0001382312		SHREDDER OIL		OZ	05/14/2015
0001382328		SHREDDER OIL		OZ	05/14/2015
0001333848		CONTACT CLEANER 2000		OZ	05/14/2015
0001340730	518-47-8	DGA RESIN FLUORESCEIN SODIUM SALT		gm	05/14/2015
0001340729 0001340728	518-47-8	FLUORESCEIN SODIUM SALT		mg mg	05/14/2015 05/14/2015
0001340728	518-47-8	FLUORESCEIN SODIUM SALT	1	mg mg	05/14/2015
0001340727	518-47-8	FLUORESCEIN SODIUM SALT		mg	05/14/2015
0001340725	7440-36-0	ANTIMONY PIECES		gm	05/14/2015
0001340724	1309-48-4	MAGNESIUM OXIDE	100		05/14/2015
0001382333		SHREDDER OIL		OZ	05/14/2015
0001382332		SHREDDER OIL		OZ	05/14/2015
0001382331		SHREDDER OIL		oz	05/14/2015
0001382330		SHREDDER OIL	12	oz	05/14/2015
0001382326		SHREDDER OIL	12	OZ	05/14/2015
0001382318		SHREDDER OIL	12	oz	05/14/2015
0001333841		CONTACT CLEANER 2000	13	oz	05/14/2015
0001382317		SHREDDER OIL	12	oz	05/14/2015
0001382286		SHREDDER OIL	12	OZ	05/14/2015
0001382287		SHREDDER OIL		OZ	05/14/2015
0001382288		SHREDDER OIL	12	OZ	05/14/2015
0001382289		SHREDDER OIL	12	OZ	05/14/2015
0001382290		SHREDDER OIL		OZ	05/14/2015
0001382291		SHREDDER OIL	12	oz	05/14/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001382292		SHREDDER OIL		OZ	05/14/2015
0001382293		SHREDDER OIL		OZ	05/14/2015
0001382294		SHREDDER OIL		OZ	05/14/2015
0001382295		SHREDDER OIL		OZ	05/14/2015
0001382314		SHREDDER OIL		oz	05/14/2015
0001382297		SHREDDER OIL	12	oz	05/14/2015
0001382298		SHREDDER OIL	12	OZ	05/14/2015
0001382299		SHREDDER OIL	12	oz	05/14/2015
0001382300		SHREDDER OIL	12	oz	05/14/2015
0001382301		SHREDDER OIL	12	oz	05/14/2015
0001382302		SHREDDER OIL	12	oz	05/14/2015
0001382303		SHREDDER OIL	12	OZ	05/14/2015
0001382304		SHREDDER OIL		oz	05/14/2015
0001382305		SHREDDER OIL		OZ	05/14/2015
0001382306		SHREDDER OIL		gal	05/14/2015
0001382307		SHREDDER OIL		gal	05/14/2015
0001382308		SHREDDER OIL		gal	05/14/2015
0001382309		SHREDDER OIL		gal	05/14/2015
0001382311		SHREDDER OIL		OZ	05/14/2015
0001382296	7440 20 2	SHREDDER OIL		OZ	05/14/2015
0001341114	7440-39-3	BARIUM DENDRITIC PIECES		gm	05/15/2015
0001388399	7786-30-3	FORMULA 316 MAGNESIUM CHLORIDE	1.2 3300		05/15/2015
0001334978 0001334972	7732-18-5	Hydrochloric Acid 30-31%	3000		05/15/2015 05/15/2015
0001334972	7732-16-3	MASONRY GROUT	50		05/15/2015
0001280480	7786-30-3	MAGNESIUM CHLORIDE	3300		05/15/2015
0001334975	7786-30-3	MAGNESIUM CHLORIDE	3300		05/15/2015
0001334974	7786-30-3	MAGNESIUM CHLORIDE	3300		05/15/2015
0001280488	7700 30 3	MASONRY GROUT	50		05/15/2015
0001280487		MASONRY GROUT	50		05/15/2015
0001334977	7786-30-3	MAGNESIUM CHLORIDE	3300		05/15/2015
0001280485		MASONRY GROUT	50		05/15/2015
0001280484		MASONRY GROUT	50	lb	05/15/2015
0001388413		FORMULA 316	1.2	oz	05/15/2015
0001334971	7732-18-5	Hydrochloric Acid 30-31%	3000	lb	05/15/2015
0001341148	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	1		05/15/2015
0001341147	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	1	I	05/15/2015
0001341146	7681-49-4	SODIUM FLUORIDE	25	gm	05/15/2015
0001341145	7681-49-4	SODIUM FLUORIDE		gm	05/15/2015
0001388499		FORMULA 316	1.2	OZ	05/15/2015
0001388498		FORMULA 316	1.2	OZ	05/15/2015
0001388497		FORMULA 316	1.2	OZ	05/15/2015
0001388496		FORMULA 316	1.2	OZ	05/15/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001388495		FORMULA 316	1.2	OZ	05/15/2015
0001334973		NALCO 7408 CHLORINE SCAVENGER SOLUTION	2209	lb	05/15/2015
0001388508		FORMULA 316	1.2	OZ	05/15/2015
0001340900	67-56-1	METHANOL	1	l	05/15/2015
0001340898	110-54-3	HEXANE (HEXANE, ANHYDROUS)	1	I	05/15/2015
0001340897	110-54-3	HEXANE (HEXANE, ANHYDROUS)	1	ı	05/15/2015
0001340896	100-66-3	950 PMMA A 4	500	ml	05/15/2015
0001340895	100-66-3	ANISOLE	500	ml	05/15/2015
0001340758	7782-63-0	IRON(II) SULFATE HEPTAHYDRATE	100	gm	05/15/2015
0001388516		FORMULA 316	1.2	OZ	05/15/2015
0001388515		FORMULA 316	1.2	OZ	05/15/2015
0001388514		FORMULA 316	1.2		05/15/2015
0001388513		FORMULA 316	1.2		05/15/2015
0001388512		FORMULA 316	1.2		05/15/2015
0001388511		FORMULA 316	1.2		05/15/2015
0001388501		FORMULA 316	1.2		05/15/2015
0001388509		FORMULA 316	1.2		05/15/2015
0001388500		FORMULA 316	1.2		05/15/2015
0001388507		FORMULA 316	1.2		05/15/2015
0001388506		FORMULA 316 FORMULA 316	1.2		05/15/2015
0001388505 0001388504		FORMULA 316	1.2		05/15/2015 05/15/2015
0001388503		FORMULA 316	1.2		05/15/2015
0001388303		FORMULA 316	1.2		05/15/2015
0001388417		FORMULA 316		OZ OZ	05/15/2015
0001388416		FORMULA 316		OZ	05/15/2015
0001388415		FORMULA 316		OZ	05/15/2015
0001388414		FORMULA 316		OZ	05/15/2015
0001388492		FORMULA 316		OZ	05/15/2015
0001388502		FORMULA 316	1.2	OZ	05/15/2015
0001388510		FORMULA 316	1.2	OZ	05/15/2015
0001388542		FORMULA 316	1.2	OZ	05/15/2015
0001388494		FORMULA 316	1.2	OZ	05/15/2015
0001341144		LPS E coli 0157:H7	10	mg	05/15/2015
0001341159	7647-15-6	SODIUM BROMIDE		lb	05/15/2015
0001341158	7647-15-6	SODIUM BROMIDE	55	lb	05/15/2015
0001341157	93-08-3	2-ACETONAPHTHONE		gm	05/15/2015
0001341149	30389-25-4	(Perfluorodecyl)ethylene		gm	05/15/2015
0001340994	497-19-8	SODIUM CARBONATE		kg	05/15/2015
0001340993	497-19-8	SODIUM CARBONATE		kg	05/15/2015
0001340992	497-19-8	SODIUM CARBONATE	3	kg	05/15/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001340991	497-19-8	SODIUM CARBONATE		kg	05/15/2015
0001340990	497-19-8	SODIUM CARBONATE		kg	05/15/2015
0001340989	497-19-8	SODIUM CARBONATE		kg	05/15/2015
0001341115	7440-39-3	BARIUM DENDRITIC PIECES		gm	05/15/2015
0001340987	497-19-8	SODIUM CARBONATE		kg	05/15/2015
0001341032	7697-37-2	NITRIC ACID OPTIMA	1	I	05/15/2015
0001388541		FORMULA 316	1.2	oz	05/15/2015
0001388540		FORMULA 316	1.2	oz	05/15/2015
0001388539		FORMULA 316	1.2	oz	05/15/2015
0001388538		FORMULA 316	1.2	oz	05/15/2015
0001388537		FORMULA 316	1.2	oz	05/15/2015
0001388536		FORMULA 316	1.2	oz	05/15/2015
0001388535		FORMULA 316	1.2	oz	05/15/2015
0001388534		FORMULA 316	1.2	oz	05/15/2015
0001388533		FORMULA 316	1.2	oz	05/15/2015
0001388532		FORMULA 316	1.2	oz	05/15/2015
0001388531		FORMULA 316	1.2	OZ	05/15/2015
0001388530		FORMULA 316	1.2		05/15/2015
0001340988	497-19-8	SODIUM CARBONATE		kg	05/15/2015
0001341019		GLUCOSE	50	ul	05/15/2015
0001341048	865-47-4	POTASSIUM-TERT-BUTOXIDE	100	gm	05/15/2015
0001388491		FORMULA 316	1.2	oz	05/15/2015
0001388490		FORMULA 316	1.2	oz	05/15/2015
0001388489		FORMULA 316	1.2	oz	05/15/2015
0001388488		FORMULA 316	1.2	OZ	05/15/2015
0001388487		FORMULA 316	1.2	OZ	05/15/2015
0001388486		FORMULA 316	1.2		05/15/2015
0001382334	1310-73-2	Sodium Hydroxide 25%	3400		05/15/2015
0001341284	107-20-0	CHLOROACETALDEHYDE	250		05/15/2015
0001341163	7647-15-6	SODIUM BROMIDE	55		05/15/2015
0001341162	7647-15-6	SODIUM BROMIDE	55		05/15/2015
0001341161	7647-15-6	SODIUM BROMIDE	55		05/15/2015
0001341143	25389-94-0	KANAMYCIN SULFATE		gm	05/15/2015
0001341018		GLUCOSE	50		05/15/2015
0001388493		FORMULA 316	1.2		05/15/2015
0001341020		GLUCOSE	50		05/15/2015
0001341021		GLUCOSE	50		05/15/2015
0001341022		GLUCOSE	50		05/15/2015
0001341023		GLUCOSE	50		05/15/2015
0001341024		GLUCOSE	50		05/15/2015
0001341025		GLUCOSE	50		05/15/2015
0001341026	7552.56.2	GLUCOSE	50		05/15/2015
0001341027	7553-56-2	IODINE [SOLUTION]	1		05/15/2015
0001341028	7553-56-2	IODINE [SOLUTION]	1	I	05/15/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001341029	7697-37-2	NITRIC ACID OPTIMA	1		05/15/2015
0001341030	7697-37-2	NITRIC ACID OPTIMA	1		05/15/2015
0001341031	7697-37-2	NITRIC ACID OPTIMA	1		05/15/2015
0001341160	7647-15-6	SODIUM BROMIDE	55	lb	05/15/2015
0001388526		FORMULA 316	1.2	oz	05/15/2015
0001388453		FORMULA 316	1.2	oz	05/15/2015
0001388452		FORMULA 316	1.2	OZ	05/15/2015
0001388451		FORMULA 316	1.2	oz	05/15/2015
0001388450		FORMULA 316	1.2	oz	05/15/2015
0001388449		FORMULA 316	1.2	oz	05/15/2015
0001388448		FORMULA 316	1.2	oz	05/15/2015
0001388447		FORMULA 316	1.2	oz	05/15/2015
0001388446		FORMULA 316	1.2	OZ	05/15/2015
0001388483		FORMULA 316	1.2	OZ	05/15/2015
0001388484		FORMULA 316	1.2		05/15/2015
0001388485		FORMULA 316	1.2		05/15/2015
0001340995	7440-33-7	TUNGSTEN POWDER	1000		05/15/2015
0001388527		FORMULA 316	1.2		05/15/2015
0001388456		FORMULA 316	1.2		05/15/2015
0001388525		FORMULA 316	1.2		05/15/2015
0001388524		FORMULA 316	1.2		05/15/2015
0001388523		FORMULA 316	1.2		05/15/2015
0001388522		FORMULA 316	1.2		05/15/2015
0001388521		FORMULA 316	1.2		05/15/2015
0001388520		FORMULA 316	1.2		05/15/2015
0001388519		FORMULA 316	1.2		05/15/2015
0001388518		FORMULA 316	1.2		05/15/2015
0001388445		FORMULA 316	1.2		05/15/2015
0001388444		FORMULA 316	1.2		05/15/2015
0001388443		FORMULA 316	1.2		05/15/2015
0001388442		FORMULA 316	1.2		05/15/2015
0001388528 0001388468		FORMULA 316 FORMULA 316	1.2		05/15/2015
0001388482		FORMULA 316	1.2		05/15/2015 05/15/2015
0001388481		FORMULA 316	1.2		05/15/2015
0001388480		FORMULA 316	1.2		05/15/2015
0001388479		FORMULA 316	1.2		05/15/2015
0001388473		FORMULA 316	1.2		05/15/2015
0001388477		FORMULA 316	1.2		05/15/2015
0001388476		FORMULA 316	1.2		05/15/2015
0001388475		FORMULA 316	1.2		05/15/2015
0001388474		FORMULA 316	1.2		05/15/2015
0001388473		FORMULA 316	1.2		05/15/2015
0001388472		FORMULA 316	1.2		05/15/2015
0001388471		FORMULA 316	1.2		05/15/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001388454		FORMULA 316	1.2	OZ	05/15/2015
0001388469		FORMULA 316	1.2	OZ	05/15/2015
0001388455		FORMULA 316	1.2	OZ	05/15/2015
0001388467		FORMULA 316	1.2	OZ	05/15/2015
0001388466		FORMULA 316	1.2	OZ	05/15/2015
0001388465		FORMULA 316	1.2	OZ	05/15/2015
0001388464		FORMULA 316	1.2	OZ	05/15/2015
0001388463		FORMULA 316		OZ	05/15/2015
0001388462		FORMULA 316		OZ	05/15/2015
0001388461		FORMULA 316	1.2		05/15/2015
0001388460		FORMULA 316		OZ	05/15/2015
0001388459		FORMULA 316		OZ	05/15/2015
0001388458		FORMULA 316	1.2		05/15/2015
0001388457		FORMULA 316		OZ	05/15/2015
0001388439		FORMULA 316		OZ	05/15/2015
0001388470		FORMULA 316		OZ	05/15/2015
0001382335	1310-73-2	Sodium Hydroxide 25%	3400		05/15/2015
0001388441		FORMULA 316		OZ	05/15/2015
0001341065		FloMag H		gal	05/15/2015
0001341066		FloMag H		gal	05/15/2015
0001341067		FloMag H		gal	05/15/2015
0001341068		FloMag H		gal	05/15/2015
0001334970	7732-18-5	Hydrochloric Acid 30-31%	3000	lb	05/15/2015
0001341013	773-64-8	2-MESITYLENESULFONYL CHLORIDE	100	gm	05/15/2015
0001341014	12027-06-4	AMMONIUM IODIDE	100	gm	05/15/2015
0001341015		GLUCOSE	50	ul	05/15/2015
0001341016		GLUCOSE		ul	05/15/2015
0001341017		GLUCOSE		ul	05/15/2015
0001382338	1310-73-2	Sodium Hydroxide 25%	3400	lb	05/15/2015
0001341063		FloMag H		gal	05/15/2015
0001382336	1310-73-2	Sodium Hydroxide 25%	3400		05/15/2015
0001341062		FloMag H		gal	05/15/2015
0001341056		FloMag H		gal	05/15/2015
0001341055		FloMag H		gal	05/15/2015
0001341054		FloMag H		gal	05/15/2015
0001341053		FloMag H		gal	05/15/2015
0001341052		FloMag H		gal	05/15/2015
0001341051		FloMag H		gal	05/15/2015
0001341050	1	FloMag H		gal	05/15/2015
0001341049		FloMag H	5	gal	05/15/2015
0001340899	110-54-3	HEXANE (HEXANE, ANHYDROUS)	1	I	05/15/2015
0001341047	865-47-4	POTASSIUM-TERT-BUTOXIDE	100	gm	05/15/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001388529		FORMULA 316	1.2	OZ	05/15/2015
0001340970	593-51-1	METHYLAMINE HYDROCHLORIDE	100	gm	05/15/2015
0001382337	1310-73-2	Sodium Hydroxide 25%	3400	lb	05/15/2015
0001388425		FORMULA 316	1.2	oz	05/15/2015
0001340901	67-56-1	METHANOL	1	I	05/15/2015
0001388438		FORMULA 316	1.2	oz	05/15/2015
0001388437		FORMULA 316	1.2	oz	05/15/2015
0001388436		FORMULA 316	1.2	OZ	05/15/2015
0001388435		FORMULA 316	1.2	oz	05/15/2015
0001388434		FORMULA 316	1.2	oz	05/15/2015
0001388433		FORMULA 316	1.2	oz	05/15/2015
0001388432		FORMULA 316	1.2		05/15/2015
0001388431		FORMULA 316	1.2	OZ	05/15/2015
0001388430		FORMULA 316	1.2	oz	05/15/2015
0001388429		FORMULA 316	1.2	oz	05/15/2015
0001388428		FORMULA 316	1.2	oz	05/15/2015
0001341064		FloMag H	5	gal	05/15/2015
0001388426		FORMULA 316	1.2	oz	05/15/2015
0001388440		FORMULA 316	1.2	oz	05/15/2015
0001388424		FORMULA 316	1.2	oz	05/15/2015
0001388423		FORMULA 316	1.2	oz	05/15/2015
0001388422		FORMULA 316	1.2	oz	05/15/2015
0001388421		FORMULA 316	1.2	oz	05/15/2015
0001388420		FORMULA 316	1.2	oz	05/15/2015
0001388419		FORMULA 316	1.2	OZ	05/15/2015
0001388517		FORMULA 316	1.2	OZ	05/15/2015
0001341057		FloMag H		gal	05/15/2015
0001341058		FloMag H	5	gal	05/15/2015
0001341059		FloMag H	5	gal	05/15/2015
0001341060		FloMag H		gal	05/15/2015
0001341061		FloMag H	5	gal	05/15/2015
0001388427		FORMULA 316	1.2	oz	05/15/2015
0001388406		FORMULA 316	1.2	oz	05/15/2015
0001388412		FORMULA 316	1.2	OZ	05/15/2015
0001388411		FORMULA 316	1.2	oz	05/15/2015
0001388410		FORMULA 316	1.2	oz	05/15/2015
0001388409		FORMULA 316	1.2	oz	05/15/2015
0001388407		FORMULA 316	1.2		05/15/2015
0001388405		FORMULA 316	1.2	OZ	05/15/2015
0001388404		FORMULA 316	1.2	OZ	05/15/2015
0001388403		FORMULA 316	1.2	OZ	05/15/2015
0001388402		FORMULA 316	1.2	OZ	05/15/2015
0001388401		FORMULA 316	1.2	oz	05/15/2015
0001388400		FORMULA 316	1.2	OZ	05/15/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001388408		FORMULA 316	1.2	OZ	05/15/2015
0001341359		ENSOLV-IONIC	1	gal	05/18/2015
0001341325	1336-21-6	AMMONIUM HYDROXIDE	500		05/18/2015
0001341324	1336-21-6	AMMONIUM HYDROXIDE	500	ml	05/18/2015
0001341323	67-64-1	ACETONE	4	I	05/18/2015
0001341322	67-64-1	ACETONE	4	I	05/18/2015
0001341321	141-78-6	ETHYL ACETATE	200	I	05/18/2015
0001382340	7732-18-5	Hydrochloric Acid 30-31%	3000		05/18/2015
0001382339	7705-08-0	FERRIC CHLORIDE	3400	lb	05/18/2015
0001341409	7757-82-6	SODIUM SULFATE	500	gm	05/18/2015
0001341408	25837-05-2	Ethylbenzene-d10	10	ml	05/18/2015
0001341327	1336-21-6	AMMONIUM HYDROXIDE	500	ml	05/18/2015
0001341407	667-27-6	ETHYL BROMODIFLUOROACETATE	5	gm	05/18/2015
0001267590		SUPER GLUE	0.7	OZ	05/18/2015
0001341358		ENSOLV-IONIC	1	gal	05/18/2015
0001341357		ENSOLV-IONIC	1	gal	05/18/2015
0001341356		ENSOLV-IONIC	1	gal	05/18/2015
0001341355		ENSOLV-IONIC	1	gal	05/18/2015
0001341354		ENSOLV-IONIC	1	gal	05/18/2015
0001341353		ENSOLV-IONIC	_	gal	05/18/2015
0001341352		ENSOLV-IONIC	1	gal	05/18/2015
0001341351		ENSOLV-IONIC	1	gal	05/18/2015
0001341350		ENSOLV-IONIC	1	gal	05/18/2015
0001341349		ENSOLV-IONIC		gal	05/18/2015
0001341348		ENSOLV-IONIC		gal	05/18/2015
0001341283		RHODIUM 10 UG/ML IN 2% HCL	500	ml	05/18/2015
0001362259	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	250	I	05/18/2015
0001362254	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	ı	05/18/2015
0001267583		SUPER GLUE	0.7	OZ	05/18/2015
0001267582		MULTI-PURPOSE BEARING GREASE	14.1	OZ	05/18/2015
0001267581		MULTI-PURPOSE BEARING GREASE	14.1	OZ	05/18/2015
0001341041		3M Repositionable Spray Adhesive 75	16	OZ	05/18/2015
0001341333	77-98-5	TETRAETHYL AMMONIUM HYDROXIDE	250	ml	05/18/2015
0001267580	1	COOLANT	1	gal	05/18/2015
0001341332	75-31-0	ISOPROPYLAMINE	250		05/18/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001341331	151-21-3	SODIUM DODECYL SULFATE, HPCE GRADE	1	kg	05/18/2015
0001341330		Uraplex	125	ml	05/18/2015
0001341326	1336-21-6	AMMONIUM HYDROXIDE	500	ml	05/18/2015
0001341328	1336-21-6	AMMONIUM HYDROXIDE	500	ml	05/18/2015
0001362255	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	05/18/2015
0001362257	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	05/18/2015
0001362258	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	05/18/2015
0001267592		SUPER GLUE	0.7	OZ	05/18/2015
0001341044		SODIUM THIOSULFATE SOLUTION	1	I	05/18/2015
0001341043		SODIUM THIOSULFATE SOLUTION	1	I	05/18/2015
0001341345		ENSOLV-IONIC	1	gal	05/18/2015
0001341042	64-17-5	DENATURED ANHYDROUS ETHYL ALCOHOL	1	I	05/18/2015
0001267591		SUPER GLUE	0.7	OZ	05/18/2015
0001267587		SUPER GLUE GEL	0.53	oz	05/18/2015
0001267588		SUPER GLUE GEL	0.53	oz	05/18/2015
0001267589		SUPER GLUE	0.7	oz	05/18/2015
0001341329	1336-21-6	AMMONIUM HYDROXIDE	500	ml	05/18/2015
0001341165		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/18/2015
0001341275		Custom Solution in 10%	125	ml	05/18/2015
0001341347		ENSOLV-IONIC	1	gal	05/18/2015
0001341273		Custom Solution in 10%	125	ml	05/18/2015
0001341272		Custom Solution in 10%	125	ml	05/18/2015
0001341040	6484-52-2	AMMONIUM NITRATE	500	gm	05/18/2015
0001341039	501-65-5	DIPHENYLACETYLENE (TOLAN)	25	gm	05/18/2015
0001341038	753-73-1	DIMETHYLTIN DICHLORIDE	5	gm	05/18/2015
0001341037	75-36-5	ACETYL CHLORIDE	250		05/18/2015
0001341036	543-20-4	SUCCINYL CHLORIDE	25	gm	05/18/2015
0001341035	1310-73-2	SODIUM HYDROXIDE		kg	05/18/2015
0001341034	1310-73-2	SODIUM HYDROXIDE		kg	05/18/2015
0001341033	1310-73-2	SODIUM HYDROXIDE		kg	05/18/2015
0001341045	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	100		05/18/2015
0001341346		ENSOLV-IONIC	1	gal	05/18/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001341174		FANTASTIKE ALL PURPOSE CLEANER	32	oz	05/18/2015
0001341181	25322-68-3	POLYETHYLENE GLYCOLS	1	kg	05/18/2015
0001341180	25155-30-0	DODECYLBENZENESULFONIC ACID, SODIUM SALT, TECH.	1	kg	05/18/2015
0001341179	9004-54-0	DEXTRAN	100	gm	05/18/2015
0001341178	9004-54-0	DEXTRAN	500	gm	05/18/2015
0001341177	17979-81-6	SODIUM TRIETHYLBOROHYDRIDE	100	ml	05/18/2015
0001341046		BCA PROTEIN ASSAY REAGENT	1	kg	05/18/2015
0001341175		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/18/2015
0001341164		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/18/2015
0001362256	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	05/18/2015
0001341169		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/18/2015
0001341168		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/18/2015
0001341167		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/18/2015
0001341166		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/18/2015
0001341276		Custom Solution in 10%	125	ml	05/18/2015
0001341176	7681-49-4	SODIUM FLUORIDE	100	gm	05/18/2015
0001341188	383-62-0	Ethyl chlorodifluoroacetate		ml	05/18/2015
0001341344		ENSOLV-IONIC		gal	05/18/2015
0001341343		ENSOLV-IONIC		gal	05/18/2015
0001341342		ENSOLV-IONIC		gal	05/18/2015
0001341341		ENSOLV-IONIC		gal	05/18/2015
0001341340		ENSOLV-IONIC ENSOLV-IONIC		gal	05/18/2015
0001341339 0001341338		ENSOLV-IONIC		gal gal	05/18/2015 05/18/2015
0001341338		ENSOLV-IONIC ENSOLV-IONIC		gal	05/18/2015
0001341337		ENSOLV-IONIC		gal	05/18/2015
0001341335		ENSOLV-IONIC		gal	05/18/2015
0001341333		Custom Solution in 10%	125		05/18/2015
0001341189	433-28-3	Vinyl trifluoroacetate		gm	05/18/2015
0001341277		CUSTOM STANDARD MULTI ELEMENT SOLUTION	125		05/18/2015
0001341187	2622-14-2	TRICYCLOHEXYLPHOSPHINE	5	gm	05/18/2015

			Size	Measure	Date
0001341186	544-76-3	HEXADECANE (HEXADECANE, ANHYDROUDS)	100	ml	05/18/2015
0001341280		SCANDIUM STANDARD SOLUTION	500	ml	05/18/2015
0001341281		SCANDIUM STANDARD SOLUTION	500	ml	05/18/2015
0001341282		RHODIUM 10 UG/ML IN 2% HCL	500	ml	05/18/2015
0001341173		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/18/2015
0001341190	454-31-9	Ethyl difluoroacetate	5	gm	05/18/2015
0001341279		CUSTOM SOLUTION IN 5%	500		05/18/2015
0001341278		CUSTOM SOLUTION IN 5%	500	ml	05/18/2015
0001341172		FANTASTIKE ALL PURPOSE CLEANER	32	oz	05/18/2015
0001341171		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/18/2015
0001341170		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/18/2015
0001341182	302-95-4	SODIUM DEOXYCHOLATE	500	gm	05/18/2015
0001341183		Single-Walled Carbon Nanotube Freeze Dried Powder	1		05/18/2015
0001341184		Single-Walled Carbon Nanotube Freeze Dried Powder	1	gm	05/18/2015
0001341185		Single-Walled Carbon Nanotube Freeze Dried Powder	1	gm	05/18/2015
0001320218		CATALYST 24LV	16	OZ	05/19/2015
0001280531		ARDEX FEATHER FINISH	10	lb	05/19/2015
0001280530		ARDEX FEATHER FINISH	10		05/19/2015
0001280532		ARDEX FEATHER FINISH	10		05/19/2015
0001280515		fast setting cement	50		05/19/2015
0001280507		fast setting cement	50		05/19/2015
0001280508		fast setting cement	50		05/19/2015
0001280509		fast setting cement	50		05/19/2015
0001280510		fast setting cement	50		05/19/2015
0001280511		fast setting cement	50		05/19/2015
0001280512		fast setting cement	50		05/19/2015
0001311412 0001280514		Blaw-Kote	50	gal	05/19/2015 05/19/2015
0001280514		fast setting cement fast setting cement	50		05/19/2015
0001280504		fast setting cement fast setting cement	50		05/19/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001280517		fast setting cement	50		05/19/2015
0001280517		fast setting cement	50		05/19/2015
0001280519	1	fast setting cement	50		05/19/2015
0000913053	77-98-5	TETRAETHYL AMMONIUM HYDROXIDE	100	gm	05/19/2015
0001388564		SPRAY ON BLUE LAYOUT FLUID	12	oz	05/19/2015
0001280513		fast setting cement	50	lb	05/19/2015
0001280497		fast setting cement	50	lb	05/19/2015
0001280489		fast setting cement	50	lb	05/19/2015
0001280490		fast setting cement	50	lb	05/19/2015
0001280491		fast setting cement	50	lb	05/19/2015
0001280492		fast setting cement	50	lb	05/19/2015
0001280493		fast setting cement	50	lb	05/19/2015
0001280494		fast setting cement	50	lb	05/19/2015
0001280506		fast setting cement	50	lb	05/19/2015
0001280496		fast setting cement	50	lb	05/19/2015
0001280505		fast setting cement	50	lb	05/19/2015
0001280498		fast setting cement	50		05/19/2015
0001280499		fast setting cement	50		05/19/2015
0001280500		fast setting cement	50		05/19/2015
0001280501		fast setting cement	50		05/19/2015
0001280502		fast setting cement	50		05/19/2015
0001280503		fast setting cement	50		05/19/2015
0001200303		Blaw-Kote		gal	05/19/2015
0001311111		fast setting cement	50		05/19/2015
0001388549		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531		gal	05/19/2015
0001280524		fast setting cement	50	lh	05/19/2015
0001280525		fast setting cement	50		05/19/2015
0001280526		fast setting cement	50		05/19/2015
0001280527		fast setting cement	50		05/19/2015
0001280527		fast setting cement	50		05/19/2015
0001280528		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531		gal	05/19/2015
0000913017	10026-04-7	SILICON TETRACHLORIDE	100	gm	05/19/2015
0001388550		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531		gal	05/19/2015
0001280521		fast setting cement	50	lb	05/19/2015
0001388547		COTE ALL MULTI-PURPOSE ENAMEL	1	gal	05/19/2015
0001388546		COTE ALL MULTI-PURPOSE ENAMEL	1	gal	05/19/2015
0001388544		PERMACRYL EXTERIOR SEMI-GLOSS WHITE BASE	1	gal	05/19/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001388543		PERMACRYL EXTERIOR SEMI-GLOSS WHITE BASE	1	gal	05/19/2015
0001280534		PERMACRYL EXTERIOR SEMI-GLOSS WHITE BASE	1	gal	05/19/2015
0001388548		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	1	gal	05/19/2015
0001388551		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	1	gal	05/19/2015
0001320221		CATALYST 24LV	16	oz	05/19/2015
0000913015	109-72-8	N-BUTYLLITHIUM	100	ml	05/19/2015
0001320229		STYCAST 2850FT BLUE		OZ	05/19/2015
0001320228		STYCAST 2850FT BLUE	32	OZ	05/19/2015
0001320227		STYCAST 2850FT BLUE		OZ	05/19/2015
0001320226		STYCAST 2850FT BLUE		OZ	05/19/2015
0001320225		STYCAST 2850FT BLUE		OZ	05/19/2015
0001280523		fast setting cement	50	lb	05/19/2015
0001320222		CATALYST 24LV	16	OZ	05/19/2015
0001280522		fast setting cement	50	lb	05/19/2015
0001320220		CATALYST 24LV	16	OZ	05/19/2015
0001320219		CATALYST 24LV	16	OZ	05/19/2015
0001388553		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	1	gal	05/19/2015
0001320217		CATALYST 24LV	16	OZ	05/19/2015
0000913023	59163-91-6	IRON(II) TRIFLUOROMETHANE	25	gm	05/19/2015
0001280520		fast setting cement	50	lb	05/19/2015
0001280529		ARDEX FEATHER FINISH	10	lb	05/19/2015
0001320223		CATALYST 24LV	16	OZ	05/19/2015
0001311424		Sta-Plex premium red grease	14	OZ	05/19/2015
0001311415		Sta-Plex premium red grease	14	OZ	05/19/2015
0001311416		Sta-Plex premium red grease	14	OZ	05/19/2015
0001202219		Luber Grease Cartiridge	700	gm	05/19/2015
0001311423		Sta-Plex premium red grease	14	oz	05/19/2015
0001311422		Sta-Plex premium red grease	14	oz	05/19/2015
0001311421		Sta-Plex premium red grease	14	OZ	05/19/2015
0001311419		Sta-Plex premium red grease	14	OZ	05/19/2015
0001311418		Sta-Plex premium red grease	14	OZ	05/19/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001311413		Sta-Plex premium red grease	14	oz	05/19/2015
0001320224		STYCAST 2850FT BLUE	32	OZ	05/19/2015
0001311420		Sta-Plex premium red grease	14	oz	05/19/2015
0001202220		Luber Grease Cartiridge	700	gm	05/19/2015
0001311414		Sta-Plex premium red grease	14	oz	05/19/2015
0001311417		Sta-Plex premium red grease	14	oz	05/19/2015
0001388583		PERMACRYL EXTERIOR SEMI-GLOSS NEUTRAL BASE	1	gal	05/20/2015
0000913035	1186-52-3	ACETIC ACID D4	25	gm	05/20/2015
0000913036	865-49-6	CHLOROFORM-D 99.6+ ATOM% D	100	ml	05/20/2015
0001388588		PERMACRYL eggshell white INTERIOR ACRYLIC DE-1531	5	gal	05/20/2015
0001388587		PERMACRYL eggshell white INTERIOR ACRYLIC DE-1531	5	gal	05/20/2015
0001388585		PERMACRYL eggshell white INTERIOR ACRYLIC DE-1531	5	gal	05/20/2015
0000913034	1076-43-3	BENZENE-D6	100	gm	05/20/2015
0001388603		5080 PRESSURE SENSITIVE ADHESIVE	4	gal	05/20/2015
0001388586		PERMACRYL eggshell white INTERIOR ACRYLIC DE-1531	5	gal	05/20/2015
0001388590		PERMACRYL INTERIOR SEMI GLOSS DEEP BASE 1573	1	gal	05/20/2015
0001388562		SPRAY ON BLUE LAYOUT FLUID	12	OZ	05/20/2015
0001388607		5080 PRESSURE SENSITIVE ADHESIVE	4	gal	05/20/2015
0001388606		5080 PRESSURE SENSITIVE ADHESIVE	4	gal	05/20/2015
0000913037	865-49-6	CHLOROFORM-D 99.8+ ATOM% D	100	ml	05/20/2015
0001388604		5080 PRESSURE SENSITIVE ADHESIVE	4	gal	05/20/2015
0001388614		5080 PRESSURE SENSITIVE ADHESIVE	4	gal	05/20/2015
0001388602		5080 PRESSURE SENSITIVE ADHESIVE	4	gal	05/20/2015
0001388605		5080 PRESSURE SENSITIVE ADHESIVE	4	gal	05/20/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001388616		5080 PRESSURE SENSITIVE ADHESIVE	4	gal	05/20/2015
0000913052	2622-14-2	TRICYCLOHEXYLPHOSPHINE	5	gm	05/20/2015
0000913045	98-13-5	PHENYLTRICHLOROSILANE	100		05/20/2015
0001388595		ELASTOMERIC LATEX SEALANT	5	gal	05/20/2015
0001388577		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	1	gal	05/20/2015
0001388578		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	1	gal	05/20/2015
0001388579		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	1	gal	05/20/2015
0001388582		PERMACRYL EXTERIOR SEMI-GLOSS NEUTRAL BASE	1	gal	05/20/2015
0001388598		5080 PRESSURE SENSITIVE ADHESIVE	4	gal	05/20/2015
0001388612		5080 PRESSURE SENSITIVE ADHESIVE	4	gal	05/20/2015
0001388617		5080 PRESSURE SENSITIVE ADHESIVE	4	gal	05/20/2015
0001388563		SPRAY ON BLUE LAYOUT FLUID	12	OZ	05/20/2015
0001388615		5080 PRESSURE SENSITIVE ADHESIVE	4	gal	05/20/2015
0001388645		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388613		5080 PRESSURE SENSITIVE ADHESIVE	4	gal	05/20/2015
0001388601		5080 PRESSURE SENSITIVE ADHESIVE	4	gal	05/20/2015
0001388611		5080 PRESSURE SENSITIVE ADHESIVE	4	gal	05/20/2015
0001388610		5080 PRESSURE SENSITIVE ADHESIVE	4	gal	05/20/2015
0001388609		5080 PRESSURE SENSITIVE ADHESIVE	4	gal	05/20/2015
0001388608		5080 PRESSURE SENSITIVE ADHESIVE	4	gal	05/20/2015
0001388618		5080 PRESSURE SENSITIVE ADHESIVE	4	gal	05/20/2015
0001388596		ELASTOMERIC LATEX SEALANT	5	gal	05/20/2015
0001388647		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001388682		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388683		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388684		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388685		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388686		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388687		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388688		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388689		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388690		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388620		PSX 700 PART A(RESIN)	1	gal	05/20/2015
0001388594		SEMI GLOSS 100% ACRYLIC L	1	gal	05/20/2015
0001388621		PSX 700 PART A(RESIN)	1	gal	05/20/2015
0000913050	85-44-9	PHTHALIC ANHYDRIDE	500	gm	05/20/2015
0001320235		STYCAST 1266 PART B	7	oz	05/20/2015
0001320231		STYCAST 2850FT BLACK	1	qt	05/20/2015
0001320234		STYCAST 1266 PART B	7	oz	05/20/2015
0001320232		STYCAST 1266 PART A		qt	05/20/2015
0001320233		STYCAST 1266 PART A	1	qt	05/20/2015
0000913054	7727-18-6	VANADIUM (V) OXYCHLORIDE	100	gm	05/20/2015
0000913055	27607-77-8	TRIMETHYLSILYLTRIFLUOROMETHANESUL FONATE	50	gm	05/20/2015
0001388627		PSX 700 CURE	0.2	gal	05/20/2015
0001388599		5080 PRESSURE SENSITIVE ADHESIVE	4	gal	05/20/2015
0001388592		PERMACRYL EXTERIOR SEMI-GLOSS NEUTRAL BASE	1	gal	05/20/2015
0001388633		PSX 700 CURE	0.2	gal	05/20/2015
0001388691		SPOTCHECK PENETRANT SKL-SP	300		05/20/2015
0001388646		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388581		PERMACRYL EXTERIOR SEMI-GLOSS NEUTRAL BASE	1	gal	05/20/2015
0001388644		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001388643		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388642		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388641		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388639		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388638		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388637		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388681		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388634		PSX 700 CURE	0.2	gal	05/20/2015
0001388600		5080 PRESSURE SENSITIVE ADHESIVE	4	gal	05/20/2015
0001388632		PSX 700 CURE	0.2	gal	05/20/2015
0001388631		PSX 700 CURE	0.2	gal	05/20/2015
0001388630		PSX 700 CURE		gal	05/20/2015
0001388629		PSX 700 CURE	0.2	gal	05/20/2015
0001388628		PSX 700 CURE	0.2	gal	05/20/2015
0001388626		PSX 700 PART A(RESIN)	1	gal	05/20/2015
0001388625		PSX 700 PART A(RESIN)		gal	05/20/2015
0001388624		PSX 700 PART A(RESIN)		gal	05/20/2015
0001388623		PSX 700 PART A(RESIN)		gal	05/20/2015
0001388622		PSX 700 PART A(RESIN)		gal	05/20/2015
0001388636		PSX 700 PART A(RESIN)	0.8	gal	05/20/2015
0001388653		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388697		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388695		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388693		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388692		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388665		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388664		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001362089		37% Carbon Dioxide, 25 ppm Hydrogen Sulfide	150	cf	05/20/2015
0001388557		BIG STRETCH CAULK	10.5	OZ	05/20/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001388558		BIG STRETCH CAULK	10.5		05/20/2015
0001388559		BIG STRETCH CAULK	10.5	OZ	05/20/2015
0001388698		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388652		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388696		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388654		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388655		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388656		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388657		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388658		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388659		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388660		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388661		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388662		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388663		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388651		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388676		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388648		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388649		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388650		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388561		BIG STRETCH CAULK	10.5		05/20/2015
0001388560		BIG STRETCH CAULK	10.5	OZ	05/20/2015
0001388680		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388679		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001388694		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388677		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388699		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388675		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388674		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388702		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388700		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388678		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388701		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388673		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388666		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388667		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388668		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388669		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388670		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388671		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388672		SPOTCHECK PENETRANT SKL-SP	300	gm	05/20/2015
0001388572		SPRAY ON BLUE LAYOUT FLUID	12	OZ	05/20/2015
0001388571		SPRAY ON BLUE LAYOUT FLUID	12	OZ	05/20/2015
0001388570		SPRAY ON BLUE LAYOUT FLUID	12	OZ	05/20/2015
0001388565		SPRAY ON BLUE LAYOUT FLUID	12	OZ	05/20/2015
0001388566		SPRAY ON BLUE LAYOUT FLUID	12	OZ	05/20/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001388567		SPRAY ON BLUE LAYOUT FLUID	12	oz	05/20/2015
0001388568		SPRAY ON BLUE LAYOUT FLUID	12	OZ	05/20/2015
0001388569		SPRAY ON BLUE LAYOUT FLUID	12	oz	05/20/2015
0000913042	6002-31-9	tert-Butylphenylphosphine	1	gm	05/20/2015
0001388573		SPRAY ON BLUE LAYOUT FLUID	12	oz	05/20/2015
0001341456		Low Level Total Residual Chlorine	2	ml	05/21/2015
0001362308		AIR, COMPRESSED	220	cf	05/21/2015
0001311430		LIQUID NAILS PANEL AND CONSTRUCTION ADHESIVE	10	oz	05/21/2015
0001341453		pH, WasteWatR	250	ml	05/21/2015
0001382350	7786-30-3	MAGNESIUM CHLORIDE	3300		05/21/2015
0001362298	7440-37-1	ARGON, COMPRESSED	220	cf	05/21/2015
0001341455		Low Level Total Residual Chlorine	2	ml	05/21/2015
0001311212		15w40 motor oil	1	qt	05/21/2015
0001311437		MULTI-PURPOSE GREASE	14.1	OZ	05/21/2015
0001382349	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	05/21/2015
0001362282	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/21/2015
0001362281	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/21/2015
0001311429		LIQUID NAILS PANEL AND CONSTRUCTION ADHESIVE	10	OZ	05/21/2015
0001311428		LIQUID NAILS PANEL AND CONSTRUCTION ADHESIVE	10	OZ	05/21/2015
0001382345	1310-73-2	Sodium Hydroxide 25%	3400	lb	05/21/2015
0001382344	1310-73-2	Sodium Hydroxide 25%	3400	lb	05/21/2015
0001382343	1310-73-2	Sodium Hydroxide 25%	3400	lb	05/21/2015
0001311440		MULTI-PURPOSE GREASE	14.1	OZ	05/21/2015
0001311439		MULTI-PURPOSE GREASE	14.1	OZ	05/21/2015
0001362307		AIR, COMPRESSED	220	cf	05/21/2015
0001311438		MULTI-PURPOSE GREASE	14.1	OZ	05/21/2015
0001361862	7782-44-7	OXYGEN, COMPRESSED GAS	220	cf	05/21/2015
0001311435		MULTI-PURPOSE GREASE	14.1	OZ	05/21/2015
0001311436		MULTI-PURPOSE GREASE	14.1	OZ	05/21/2015
0001341457		RESIDUAL CHLORINE WASTEWATR AND CHLORINE POTABLEWATR	2	ml	05/21/2015
0001311434		MULTI-PURPOSE GREASE	14.1	OZ	05/21/2015
0001311433		MULTI-PURPOSE GREASE	14.1		05/21/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001311432		MULTI-PURPOSE GREASE	14.1		05/21/2015
0001311432		MULTI-PURPOSE GREASE	14.1		05/21/2015
0001311451	144-55-8	SODIUM BICARBONATE		kg	05/21/2015
0001341464	9005-25-8	THYODENE	100		05/21/2015
0001341463	144-55-8	SODIUM BICARBONATE		kg	05/21/2015
0001341462		рН	250	_	05/21/2015
0001341461		pH	250		05/21/2015
0001341460		RESIDUAL CHLORINE WASTEWATR AND CHLORINE POTABLEWATR		ml	05/21/2015
0001341459		RESIDUAL CHLORINE WASTEWATR AND CHLORINE POTABLEWATR	2	ml	05/21/2015
0001341458		RESIDUAL CHLORINE WASTEWATR AND CHLORINE POTABLEWATR	2	ml	05/21/2015
0001341454		pH, WasteWatR	250	ml	05/21/2015
0001311427		LIQUID NAILS PANEL AND CONSTRUCTION ADHESIVE	10	oz	05/21/2015
0001362295	7440-37-1	ARGON, COMPRESSED	220	cf	05/21/2015
0001362306		AIR, COMPRESSED	220	cf	05/21/2015
0001341424	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	05/21/2015
0001341423	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	oz	05/21/2015
0001341422	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	05/21/2015
0001341421	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	oz	05/21/2015
0001362299	7440-37-1	ARGON, COMPRESSED	220	cf	05/21/2015
0001362292	7440-37-1	ARGON, COMPRESSED	220	cf	05/21/2015
0001362300	7440-37-1	ARGON, COMPRESSED	220	cf	05/21/2015
0001311426		LIQUID NAILS PANEL AND CONSTRUCTION ADHESIVE	10	OZ	05/21/2015
0001311216		15w40 motor oil	1	qt	05/21/2015
0001311214		15w40 motor oil	1	qt	05/21/2015
0001311213		15w40 motor oil	1	qt	05/21/2015
0001362293	7440-37-1	ARGON, COMPRESSED	220	cf	05/21/2015
0001362294	7440-37-1	ARGON, COMPRESSED	220	cf	05/21/2015
0001341420	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	oz	05/21/2015
0001341432		DRIERITE, INDICATING	454	gm	05/21/2015
0001362289	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/21/2015
0001362290	7440-37-1	ARGON, COMPRESSED	220	cf	05/21/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001341418	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	oz	05/21/2015
0001341417	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	05/21/2015
0001341416	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	05/21/2015
0001341415	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	05/21/2015
0001362291	7440-37-1	ARGON, COMPRESSED	220	cf	05/21/2015
0001362305		AIR, COMPRESSED	220	cf	05/21/2015
0001311215		15w40 motor oil	1	qt	05/21/2015
0001341413	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	05/21/2015
0001362304	7440-37-1	ARGON, COMPRESSED	220	cf	05/21/2015
0001362303	7440-37-1	ARGON, COMPRESSED	220	cf	05/21/2015
0001362302	7440-37-1	ARGON, COMPRESSED	220	cf	05/21/2015
0001362301	7440-37-1	ARGON, COMPRESSED	220	cf	05/21/2015
0001362288	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/21/2015
0001341414	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	05/21/2015
0001382341	1310-73-2	Sodium Hydroxide 25%	3400	lb	05/21/2015
0001341419	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	oz	05/21/2015
0001362296	7440-37-1	ARGON, COMPRESSED	220	cf	05/21/2015
0001382346	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	05/21/2015
0001311425		LIQUID NAILS PANEL AND CONSTRUCTION ADHESIVE	10	OZ	05/21/2015
0001362286	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/21/2015
0001362297	7440-37-1	ARGON, COMPRESSED	220	cf	05/21/2015
0001382347	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	05/21/2015
0001382348	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	05/21/2015
001311211		15w40 motor oil	1	qt	05/21/2015
0001362334	74-98-6	PROPANE	11	gal	05/21/2015
0001341433	16219-75-3	5-Ethylidene-2-norbornene	500	ml	05/21/2015
0001362331	7440-59-7	HELIUM	220	cf	05/21/2015
0001362340	74-98-6	PROPANE	5	gal	05/21/2015
0001362287	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/21/2015
0001362339	74-98-6	PROPANE	11	gal	05/21/2015
0001341449	16219-75-3	5-Ethylidene-2-norbornene	500	_	05/21/2015
0001341450	16219-75-3	5-Ethylidene-2-norbornene	500	ml	05/21/2015
0001341451	16219-75-3	5-Ethylidene-2-norbornene	500	ml	05/21/2015
0001341452	16219-75-3	5-Ethylidene-2-norbornene	500	ml	05/21/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001362335	74-98-6	PROPANE	11	gal	05/21/2015
0001362336	74-98-6	PROPANE	11	gal	05/21/2015
0001341448	16219-75-3	5-Ethylidene-2-norbornene	500		05/21/2015
0001362338	74-98-6	PROPANE		gal	05/21/2015
0001341442	16219-75-3	5-Ethylidene-2-norbornene	500		05/21/2015
0001362341	74-98-6	PROPANE		gal	05/21/2015
0001362337	74-98-6	PROPANE		gal	05/21/2015
0001341447	16219-75-3	5-Ethylidene-2-norbornene	500		05/21/2015
0001341446	16219-75-3	5-Ethylidene-2-norbornene	500		05/21/2015
0001341445	16219-75-3	5-Ethylidene-2-norbornene	500		05/21/2015
0001341443	16219-75-3	5-Ethylidene-2-norbornene	500		05/21/2015
0001341441	16219-75-3	5-Ethylidene-2-norbornene	500		05/21/2015
0001341440	16219-75-3	5-Ethylidene-2-norbornene	500		05/21/2015
0001341439	16219-75-3	5-Ethylidene-2-norbornene	500		05/21/2015
0001382342	1310-73-2	Sodium Hydroxide 25%	3400		05/21/2015
0001341434	16219-75-3	5-Ethylidene-2-norbornene	500		05/21/2015
0001341437 0001341438	16219-75-3	5-Ethylidene-2-norbornene 5-Ethylidene-2-norbornene	500 500		05/21/2015 05/21/2015
0001341438	16219-75-3 16219-75-3		500		05/21/2015
0001341444	10219-75-5	5-Ethylidene-2-norbornene	300	1111	05/21/2015
0001362275	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/21/2015
0001362316		P-10 (90% ARGON 10% METHANE)	220	cf	05/21/2015
0001362285	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/21/2015
0001362284	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/21/2015
0001362283	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/21/2015
0001362280	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/21/2015
0001362279	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/21/2015
0001362278	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/21/2015
0001362320		P-10 (90% ARGON 10% METHANE)	220	cf	05/21/2015
0001362276	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/21/2015
0001362321		P-10 (90% ARGON 10% METHANE)	220	cf	05/21/2015
0001362274	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/21/2015
0001362273	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/21/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001362272	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/21/2015
0001362271	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/21/2015
0001362319		P-10 (90% ARGON 10% METHANE)	220	cf	05/21/2015
0001362318		P-10 (90% ARGON 10% METHANE)	220	cf	05/21/2015
0001362317		P-10 (90% ARGON 10% METHANE)	220	cf	05/21/2015
0001362277	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/21/2015
0001341425	1336-21-6	AMMONIUM HYDROXIDE	500	ml	05/21/2015
0001341426	1336-21-6	AMMONIUM HYDROXIDE	500	ml	05/21/2015
0001341427	1336-21-6	AMMONIUM HYDROXIDE	500	ml	05/21/2015
0001341428	1336-21-6	AMMONIUM HYDROXIDE	500	ml	05/21/2015
0001341429	1336-21-6	AMMONIUM HYDROXIDE	500	ml	05/21/2015
0001341430	1336-21-6	AMMONIUM HYDROXIDE	500	ml	05/21/2015
0001341431		FORMULA 60	5	gal	05/21/2015
0001362332	7440-59-7	HELIUM	220	cf	05/21/2015
0001341436	16219-75-3	5-Ethylidene-2-norbornene	500	ml	05/21/2015
0001341435	16219-75-3	5-Ethylidene-2-norbornene	500	ml	05/21/2015
0001362328		P-10 (90% ARGON 10% METHANE)	220	cf	05/21/2015
0001362329		P-10 (90% ARGON 10% METHANE)	220	cf	05/21/2015
0001362327		P-10 (90% ARGON 10% METHANE)	220	cf	05/21/2015
0001362326		P-10 (90% ARGON 10% METHANE)	220	cf	05/21/2015
0001362325		P-10 (90% ARGON 10% METHANE)	220	cf	05/21/2015
0001362324		P-10 (90% ARGON 10% METHANE)	220	cf	05/21/2015
0001362323		P-10 (90% ARGON 10% METHANE)	220	cf	05/21/2015
0001362322		P-10 (90% ARGON 10% METHANE)	220	cf	05/21/2015
0001362333	7440-59-7	HELIUM	220	cf	05/21/2015
0001362263	7727-37-9	NITROGEN, COMPRESSED GAS	220		05/21/2015
0001362262	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/21/2015
0001341410	67-56-1	METHANOL	4	I	05/21/2015
0001341411	67-56-1	METHANOL	4		05/21/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001362315		AIR, COMPRESSED	220	cf	05/21/2015
0001341412	67-56-1	METHANOL	4	I	05/21/2015
0001362330		P-10 (90% ARGON 10% METHANE)	220	cf	05/21/2015
0001362260	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/21/2015
0001341334		VACUUM PUMP OIL	1	I	05/21/2015
0001362264	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/21/2015
0001362265	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/21/2015
0001362311		AIR, COMPRESSED	220	cf	05/21/2015
0001362314		AIR, COMPRESSED	220		05/21/2015
0001362261	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/21/2015
0001362312		AIR, COMPRESSED	220	cf	05/21/2015
0001362266	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/21/2015
0001362310		AIR, COMPRESSED	220	cf	05/21/2015
0001362309		AIR, COMPRESSED	220		05/21/2015
0001362270	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/21/2015
0001362269	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/21/2015
0001362268	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/21/2015
0001362267	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/21/2015
0001362313		AIR, COMPRESSED	220	cf	05/21/2015
0001388972		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388848	_	VULKEM 116 WHITE	10.1		05/22/2015
0001388849		VULKEM 116 WHITE	10.1		05/22/2015
0001388850	+	VULKEM 116 WHITE	10.1		05/22/2015
0001388851	+	VULKEM 116 WHITE	10.1		05/22/2015
0001388894 0001388852	+	VULKEM 116 WHITE VULKEM 116 WHITE	10.1		05/22/2015 05/22/2015
0001388853	+	VULKEM 116 WHITE	10.1		05/22/2015
0001388828		VULKEM 116 WHITE	10.1		05/22/2015
0001388827		VULKEM 116 WHITE	10.1		05/22/2015
0001388971		VULKEM 116 WHITE	10.1		05/22/2015
0001388925		VULKEM 116 WHITE	10.1		05/22/2015
0001388924		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388923		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388892		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388830		VULKEM 116 WHITE	10.1	OZ	05/22/2015

Barcode	CAS#	Chemical Name	Container	Unit of	Date
Багсоце	CA3 #	Chemical Name	Size	Measure	Date
0001388951		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388926		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388836		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388847		VULKEM 116 WHITE	10.1		05/22/2015
0001388961		VULKEM 116 WHITE	10.1		05/22/2015
0001388962		VULKEM 116 WHITE	10.1		05/22/2015
0001388963		VULKEM 116 WHITE	10.1		05/22/2015
0001388840		VULKEM 116 WHITE	10.1		05/22/2015
0001388839		VULKEM 116 WHITE	10.1		05/22/2015
0001388960		VULKEM 116 WHITE	10.1	ł	05/22/2015
0001388837		VULKEM 116 WHITE	10.1		05/22/2015
0001388964		VULKEM 116 WHITE	10.1		05/22/2015
0001388835		VULKEM 116 WHITE	10.1		05/22/2015
0001388834		VULKEM 116 WHITE	10.1		05/22/2015
0001388833		VULKEM 116 WHITE	10.1		05/22/2015
0001388891		VULKEM 116 WHITE	10.1	_	05/22/2015
0001388890		VULKEM 116 WHITE	10.1		05/22/2015
0001388888		VULKEM 116 WHITE	10.1		05/22/2015
0001388838		VULKEM 116 WHITE	10.1		05/22/2015
0001388842		VULKEM 116 WHITE	10.1		05/22/2015
0001388889		VULKEM 116 WHITE	10.1		05/22/2015
0001388831		VULKEM 116 WHITE	10.1		05/22/2015
0001388956		VULKEM 116 WHITE	10.1	ł	05/22/2015
0001388832		VULKEM 116 WHITE	10.1		05/22/2015
0001388846		VULKEM 116 WHITE	10.1		05/22/2015
0001388845		VULKEM 116 WHITE	10.1		05/22/2015
0001388941		VULKEM 116 WHITE	10.1		05/22/2015
0001388843		VULKEM 116 WHITE	10.1		05/22/2015
0001388893		VULKEM 116 WHITE	10.1		05/22/2015
0001388841		VULKEM 116 WHITE	10.1		05/22/2015
0001388866		VULKEM 116 WHITE	10.1		05/22/2015
0001388867		VULKEM 116 WHITE	10.1		05/22/2015
0001388957		VULKEM 116 WHITE	10.1	ł	05/22/2015
0001388958		VULKEM 116 WHITE	10.1	ł	05/22/2015
0001388959		VULKEM 116 WHITE	10.1		05/22/2015
0001388844		VULKEM 116 WHITE	10.1		05/22/2015
0001388773		VULKEM 116 WHITE	10.1		05/22/2015
0001388860		VULKEM 116 WHITE	10.1	ł	05/22/2015
0001388826		VULKEM 116 WHITE	10.1		05/22/2015
0001388825		VULKEM 116 WHITE	10.1		05/22/2015
0001388824		VULKEM 116 WHITE	10.1		05/22/2015
0001388823		VULKEM 116 WHITE	10.1		05/22/2015
0001388822		VULKEM 116 WHITE	10.1		05/22/2015
0001388942		VULKEM 116 WHITE	10.1		05/22/2015
0001388820		VULKEM 116 WHITE	10.1	Joz	05/22/2015

Barcode	CAS#	Chemical Name	Container	Unit of	Date
Barcode	CA3 #	Chemical Name	Size	Measure	Date
0001388772		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388774		VULKEM 116 WHITE	10.1	†	05/22/2015
0001388775		VULKEM 116 WHITE	10.1		05/22/2015
0001388859		VULKEM 116 WHITE	10.1		05/22/2015
0001388858		VULKEM 116 WHITE	10.1		05/22/2015
0001388857		VULKEM 116 WHITE	10.1		05/22/2015
0001388856		VULKEM 116 WHITE	10.1	†	05/22/2015
0001388855		VULKEM 116 WHITE	10.1		05/22/2015
0001388821		VULKEM 116 WHITE	10.1		05/22/2015
0001388766		VULKEM 116 WHITE	10.1		05/22/2015
0001388805		VULKEM 116 WHITE VULKEM 116 WHITE	10.1 10.1	†	05/22/2015
0001388871 0001388765		VULKEM 116 WHITE	10.1		05/22/2015 05/22/2015
0001388763		VULKEM 116 WHITE	10.1		05/22/2015
0001388763		VULKEM 116 WHITE	10.1		05/22/2015
0001388969		VULKEM 116 WHITE	10.1		05/22/2015
0001388788		VULKEM 116 WHITE	10.1		05/22/2015
0001388861		VULKEM 116 WHITE	10.1		05/22/2015
0001388864		VULKEM 116 WHITE	10.1		05/22/2015
0001388862		VULKEM 116 WHITE	10.1		05/22/2015
0001388767		VULKEM 116 WHITE	10.1		05/22/2015
0001388768		VULKEM 116 WHITE	10.1	oz	05/22/2015
0001388769		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388863		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388770		VULKEM 116 WHITE	10.1	oz	05/22/2015
0001388771		VULKEM 116 WHITE	10.1	oz	05/22/2015
0001388779		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388865		VULKEM 116 WHITE	10.1		05/22/2015
0001388946		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388854		VULKEM 116 WHITE	10.1		05/22/2015
0001388930		VULKEM 116 WHITE	10.1		05/22/2015
0001388929		VULKEM 116 WHITE	10.1		05/22/2015
0001388928		VULKEM 116 WHITE	10.1		05/22/2015
0001388927		VULKEM 116 WHITE	10.1		05/22/2015
0001388776		VULKEM 116 WHITE	10.1		05/22/2015
0001388943		VULKEM 116 WHITE	10.1	†	05/22/2015
0001388932		VULKEM 116 WHITE	10.1		05/22/2015
0001388945		VULKEM 116 WHITE	10.1		05/22/2015
0001388787		VULKEM 116 WHITE	10.1	†	05/22/2015
0001388947 0001388948		VULKEM 116 WHITE VULKEM 116 WHITE	10.1 10.1		05/22/2015 05/22/2015
0001388948		VULKEM 116 WHITE	10.1		05/22/2015
0001388950		VULKEM 116 WHITE	10.1		05/22/2015
0001388968		VULKEM 116 WHITE	10.1	†	05/22/2015
0001388967		VULKEM 116 WHITE	10.1		05/22/2015
0001300301		A OFVEIN TTO MULLE	10.1	UZ	03/22/2015

			Container	Unit of	
Barcode	CAS#	Chemical Name	Size	Measure	Date
0001388966		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388944		VULKEM 116 WHITE	10.1	oz	05/22/2015
0001388935		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388965		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388780		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388781		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388782		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388783		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388784		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388777		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388931		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388934		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388778		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388936		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388785		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388786		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388937		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388938		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388939		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388940		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388933		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388884		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388895		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388907		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388906		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388905		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388904		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388903		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388970		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388887		VULKEM 116 WHITE	10.1	oz	05/22/2015
0001388793		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388885		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388870		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388883		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388882		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388881		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388880		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388879		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388878		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388789		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388800		VULKEM 116 WHITE	10.1	oz	05/22/2015
0001388886		VULKEM 116 WHITE	10.1		05/22/2015
0001388954		VULKEM 116 WHITE	10.1		05/22/2015
0001388790		VULKEM 116 WHITE	10.1		05/22/2015
0001388909		VULKEM 116 WHITE	10.1		05/22/2015

Barcode	CAS#	Chemical Name	Container	Unit of	Date
Barcoac	CAS II	Chemical Name	Size	Measure	Date
0001388910		VULKEM 116 WHITE	10.1	†	05/22/2015
0001388911		VULKEM 116 WHITE	10.1		05/22/2015
0001388912		VULKEM 116 WHITE	10.1		05/22/2015
0001388913		VULKEM 116 WHITE	10.1		05/22/2015
0001388791		VULKEM 116 WHITE	10.1		05/22/2015
0001388792		VULKEM 116 WHITE	10.1		05/22/2015
0001388908		VULKEM 116 WHITE	10.1	†	05/22/2015
0001388953		VULKEM 116 WHITE	10.1		05/22/2015
0001388799		VULKEM 116 WHITE	10.1 10.1		05/22/2015
0001388955 0001388922		VULKEM 116 WHITE VULKEM 116 WHITE	10.1		05/22/2015 05/22/2015
0001388921		VULKEM 116 WHITE	10.1	†	05/22/2015
0001388921		VULKEM 116 WHITE	10.1		05/22/2015
0001388829		VULKEM 116 WHITE	10.1		05/22/2015
0001388811		VULKEM 116 WHITE	10.1		05/22/2015
0001388919		VULKEM 116 WHITE	10.1		05/22/2015
0001388918		VULKEM 116 WHITE	10.1		05/22/2015
0001388952		VULKEM 116 WHITE	10.1		05/22/2015
0001388815		VULKEM 116 WHITE	10.1		05/22/2015
0001388801		VULKEM 116 WHITE	10.1		05/22/2015
0001388902		VULKEM 116 WHITE	10.1	oz	05/22/2015
0001388901		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388869		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388868		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388794		VULKEM 116 WHITE	10.1	oz	05/22/2015
0001388900		VULKEM 116 WHITE	10.1	oz	05/22/2015
0001388899		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388795		VULKEM 116 WHITE	10.1		05/22/2015
0001388898		VULKEM 116 WHITE	10.1	OZ	05/22/2015
0001388873		VULKEM 116 WHITE	10.1		05/22/2015
0001388814		VULKEM 116 WHITE	10.1		05/22/2015
0001388813		VULKEM 116 WHITE	10.1		05/22/2015
0001388812		VULKEM 116 WHITE	10.1		05/22/2015
0001388817		VULKEM 116 WHITE	10.1		05/22/2015
0001388818		VULKEM 116 WHITE	10.1		05/22/2015
0001388819		VULKEM 116 WHITE	10.1	†	05/22/2015
0001388897		VULKEM 116 WHITE	10.1		05/22/2015
0001388896		VULKEM 116 WHITE	10.1		05/22/2015
0001388816		VULKEM 116 WHITE	10.1	†	05/22/2015
0001388916 0001388802		VULKEM 116 WHITE VULKEM 116 WHITE	10.1 10.1		05/22/2015 05/22/2015
0001388802		VULKEM 116 WHITE	10.1		05/22/2015
0001388804		VULKEM 116 WHITE	10.1		05/22/2015
0001388807		VULKEM 116 WHITE	10.1	†	05/22/2015
0001388808		VULKEM 116 WHITE	10.1		05/22/2015
Q000130000Q		A OFVEIN TTO MULLE	10.1	UZ	03/22/2015

Barcode	CAS#	Chemical Name	Container	Unit of	Date
000430000		VIII VENA 44 C VAII II TE	Size	Measure	05/22/2045
0001388809		VULKEM 116 WHITE VULKEM 116 WHITE	10.1 10.1		05/22/2015
0001388798 0001388810		VULKEM 116 WHITE	10.1		05/22/2015 05/22/2015
0001388872		VULKEM 116 WHITE	10.1		05/22/2015
0001388872		VULKEM 116 WHITE	10.1		05/22/2015
0001388913		VULKEM 116 WHITE	10.1		05/22/2015
0001388800		VULKEM 116 WHITE	10.1		05/22/2015
0001388797		VULKEM 116 WHITE	10.1		05/22/2015
0001388796		VULKEM 116 WHITE	10.1		05/22/2015
0001388877		VULKEM 116 WHITE	10.1		05/22/2015
0001388876		VULKEM 116 WHITE	10.1		05/22/2015
0001388875		VULKEM 116 WHITE	10.1		05/22/2015
0001388874		VULKEM 116 WHITE	10.1		05/22/2015
0001388914		VULKEM 116 WHITE	10.1		05/22/2015
0001388982		SILICONE II	10.1		05/26/2015
0001388980		SILICONE II	10.1		05/26/2015
0001388981		SILICONE II	10.1	oz	05/26/2015
0001341378	112-55-0	1-DODECANETHIOL	100	ml	05/26/2015
0001341371	8042-47-5	MINERAL OIL	5	ml	05/26/2015
0001362346	7440-37-1	ARGON, COMPRESSED	220	cf	05/26/2015
0001362347	7440-37-1	ARGON, COMPRESSED	220	cf	05/26/2015
0001241272	00.33.5	COUMARIN 4: (4-	2.5		
0001341372	90-33-5	METHYLUMBELLIFERONE)	25	5 gm	05/26/2015
0001362348	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	05/26/2015
0001341373		STREPTAVIDIN,ALEXA FLUOR 488 CONJUGATE	1	mg	05/26/2015
0001341374		STREPTAVIDIN,ALEXA FLUOR 488 CONJUGATE	1	mg	05/26/2015
0001341375		STREPTAVIDIN,ALEXA FLUOR 488 CONJUGATE	1	mg	05/26/2015
0001341376		STREPTAVIDIN,ALEXA FLUOR 488 CONJUGATE	1	mg	05/26/2015
0001341315		FANTASTIKE ALL PURPOSE CLEANER	32	oz	05/26/2015
0001341377	112-55-0	1-DODECANETHIOL	100	ml	05/26/2015
0001341605		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341592		ANGSTROM BOND AB9110	_	gm	05/26/2015
0001341593		ANGSTROM BOND AB9110		gm	05/26/2015
0001388710		fast setting cement	60		05/26/2015
0001388711		fast setting cement	60		05/26/2015
0001388712		fast setting cement	60		05/26/2015
0001388713		fast setting cement	60		05/26/2015
0001388714		fast setting cement	60		05/26/2015
0001388715		fast setting cement	60	Ip	05/26/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001388716		fast setting cement	60	lb	05/26/2015
0001388717		fast setting cement	60	lb	05/26/2015
0001362349	124-38-9	CARBON DIOXIDE, GAS	220	cf	05/26/2015
0001341318		FANTASTIKE ALL PURPOSE CLEANER	32	oz	05/26/2015
0001341630		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341369	2475-45-8	DISPERSE BLUE 1	5	gm	05/26/2015
0001362344		R-410A	25		05/26/2015
0001362343		R-410A	25		05/26/2015
0001362342		R-410A	25	lb	05/26/2015
0001341368	1763-23-1	Heptadecafluorooctanesulfonic acid solution	10	ml	05/26/2015
0001341367		SILVER CONDUCTIVE EPOXY	14	gm	05/26/2015
0001341366	7697-37-2	NITRIC ACID OPTIMA	2	I	05/26/2015
0001341365	7697-37-2	NITRIC ACID OPTIMA	2	I	05/26/2015
0001341364	7697-37-2	NITRIC ACID OPTIMA	2	T .	05/26/2015
0001341607		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341319		FANTASTIKE ALL PURPOSE CLEANER	32	oz	05/26/2015
0001341606		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341317		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/26/2015
0001341316		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/26/2015
0001341314		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/26/2015
0001389249		SPRAY PAINT	12	OZ	05/26/2015
0001341313		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/26/2015
0001341312		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/26/2015
0001341311		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/26/2015
0001362345	7440-37-1	ARGON, COMPRESSED	220	cf	05/26/2015
0001341370	8042-47-5	MINERAL OIL	5	ml	05/26/2015
0001341631		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341320		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/26/2015
0001389013		SILICONE II	10.1	OZ	05/26/2015
0001341155		NITRITE STANDARD	500	ml	05/26/2015
0001341156		PHOSPHATE STANDARD	500	ml	05/26/2015
0001341362	82494-09-5	n-DECYL-?-D-MALTOPYRANOSIDE	25	gm	05/26/2015
0001389001		SILICONE II	10.1	OZ	05/26/2015
0001389253		SPRAY PAINT		OZ	05/26/2015

Barcode	CAS#	Chemical Name	Container	Unit of	Date
			Size	Measure	
0001389252		SPRAY PAINT	•	OZ	05/26/2015
0001389006		SILICONE II	10.1		05/26/2015
0001389014		SILICONE II SPRAY PAINT	10.1		05/26/2015
0001389258 0001389012		SILICONE II	10.1	OZ	05/26/2015 05/26/2015
0001389012		SILICONE II	10.1		05/26/2015
0001389011		SILICONE II	10.1		05/26/2015
0001389010		SILICONE II	10.1		05/26/2015
0001389008		SILICONE II	10.1		05/26/2015
0001389247		SPRAY PAINT		OZ	05/26/2015
0001389015		SILICONE II	10.1		05/26/2015
0001389018		SILICONE II	10.1		05/26/2015
0001389026		SILICONE II	10.1		05/26/2015
0001389025		SILICONE II	10.1		05/26/2015
0001389024		SILICONE II	10.1	oz	05/26/2015
0001389023		SILICONE II	10.1	oz	05/26/2015
0001389022		SILICONE II	10.1	OZ	05/26/2015
0001389021		SILICONE II	10.1	OZ	05/26/2015
0001341154	7631-99-4	NITRATE STANDARD	500	ml	05/26/2015
0001389019		SILICONE II	10.1	OZ	05/26/2015
0001389259		SPRAY PAINT	12	OZ	05/26/2015
0001389017		SILICONE II	10.1	OZ	05/26/2015
0001389016		SILICONE II	10.1	OZ	05/26/2015
0001389254		SPRAY PAINT	12	OZ	05/26/2015
0001389255		SPRAY PAINT	12	OZ	05/26/2015
0001389256		SPRAY PAINT	12	OZ	05/26/2015
0001389257		SPRAY PAINT	12	OZ	05/26/2015
0001389005		SILICONE II	10.1		05/26/2015
0001389020		SILICONE II	10.1		05/26/2015
0001389244		SPRAY PAINT	•	OZ	05/26/2015
0001389251		SPRAY PAINT		OZ	05/26/2015
0001341582		ANGSTROM BOND AB9110		gm	05/26/2015
0001389250		SPRAY PAINT		OZ	05/26/2015
0001341627		ANGSTROM BOND AB9110		gm	05/26/2015
0001389248		SPRAY PAINT		OZ 	05/26/2015
0001388718		fast setting cement		lb	05/26/2015
0001389007		SILICONE II	10.1		05/26/2015
0001389245		SPRAY PAINT		OZ	05/26/2015
0001292144		BLASOCUT 2000		gal	05/26/2015
0001388989		SILICONE II	10.1		05/26/2015
0001388988		SILICONE II	10.1		05/26/2015
0001388987		SILICONE II	10.1		05/26/2015
0001388986		SILICONE II	10.1		05/26/2015
0001388985		SILICONE II	10.1		05/26/2015
0001388984		SILICONE II	10.1	OZ	05/26/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001389246		SPRAY PAINT	12	OZ	05/26/2015
0001341470	60-29-7	DIETHYL ETHER	1		05/26/2015
0001389004		SILICONE II	10.1		05/26/2015
0001389003		SILICONE II	10.1		05/26/2015
0001389002		SILICONE II	10.1	OZ	05/26/2015
0001341363	1643-20-5	N,N-DIMETHYLDODECYLAMINE N-OXIDE	250	ml	05/26/2015
0001341466	36016-38-3	N-Boc-hydroxylamine	25	gm	05/26/2015
0001341467	60-29-7	DIETHYL ETHER	1	I	05/26/2015
0001280535		FS-ONE HIGH PERFORMANCE INTUMESCENT FIRE STOP SEALANT	10.1	oz	05/26/2015
0001341469	60-29-7	DIETHYL ETHER	1	I	05/26/2015
0001388703		fast setting cement	60	lb	05/26/2015
0001341471	67-56-1	METHANOL	4	I	05/26/2015
0001341472	67-56-1	METHANOL	4	I	05/26/2015
0001341473	67-56-1	METHANOL	4	I	05/26/2015
0001341474	67-56-1	METHANOL	4	l	05/26/2015
0001341475	328-74-5	3,5-BIS(TRIFLUOROMETHYL)ANILINE	50	ml	05/26/2015
0001292143		BLASOCUT 2000	5	gal	05/26/2015
0001388983		SILICONE II	10.1		05/26/2015
0001341468	60-29-7	DIETHYL ETHER	1	I	05/26/2015
0001388758		fast setting cement	60	lb	05/26/2015
0001341625		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341477		Pierce LAL Chromogenic Endotoxin Quantitation Kit	50	mg	05/26/2015
0001311280		193 GLOSS BLACK CHASSIS & GRILLE GUARD PAINT	12	oz	05/26/2015
0001341476		QC-19 STANDARD	100	ml	05/26/2015
0001388762		fast setting cement	60	lb	05/26/2015
0001388761		fast setting cement	60	lb	05/26/2015
0001341479		RECOMBINANT PROTEIN ANTIGEN	20	ugm	05/26/2015
0001388759		fast setting cement	60	lb	05/26/2015
0001341480		RECOMBINANT PROTEIN ANTIGEN	20	ugm	05/26/2015
0001388756		fast setting cement	60	lb	05/26/2015
0001388755		fast setting cement	60	lb	05/26/2015
0001388754		fast setting cement	60	lb	05/26/2015
0001388753		fast setting cement	60	lb	05/26/2015
0001388752		fast setting cement	60	lb	05/26/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of	Date
0001388751		fast setting cement	60	Measure	05/26/2015
0001388751		fast setting cement	60		05/26/2015
0001388700	67-63-0	2-PROPANOL	1	ı	05/26/2015
0001341032	07 03 0	SILICONE II	10.1	07	05/26/2015
0001388993		SILICONE II	10.1		05/26/2015
0001388992	+	SILICONE II	10.1		05/26/2015
0001388991	+	SILICONE II	10.1		05/26/2015
0001341632	1	ANGSTROM BOND AB9110		gm	05/26/2015
0001341400		FANTASTIKE ALL PURPOSE CLEANER		OZ	05/26/2015
0001341478		Pierce LAL Chromogenic Endotoxin Quantitation Kit	50	mg	05/26/2015
0001388974		LIGHTWEIGHT SETTING TYPE JOINT COMPOUND - EASY SAND 20	18	lb	05/26/2015
0001388748		fast setting cement	60	lb	05/26/2015
0001341691	64-17-5	ETHYL ALCOHOL	500		05/26/2015
0001334984	7786-30-3	MAGNESIUM CHLORIDE	3300		05/26/2015
0001334983	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	05/26/2015
0001334982	7786-30-3	MAGNESIUM CHLORIDE	3300		05/26/2015
0001334979	7732-18-5	Hydrochloric Acid 30-31%	3000	lb	05/26/2015
0001341481		RECOMBINANT PROTEIN ANTIGEN	20	ugm	05/26/2015
0001388975		LIGHTWEIGHT SETTING TYPE JOINT COMPOUND - EASY SAND 20	18	lb	05/26/2015
0001341599		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341292		FANTASTIKE ALL PURPOSE CLEANER		OZ	05/26/2015
0001341291		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/26/2015
0001341290		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/26/2015
0001341289		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/26/2015
0001388757		fast setting cement	60	lb	05/26/2015
0001341596		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001388750		fast setting cement		lb	05/26/2015
0001341598		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341306		FANTASTIKE ALL PURPOSE CLEANER	32	oz	05/26/2015
0001341600		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341601		ANGSTROM BOND AB9110	_	gm	05/26/2015
0001341602		ANGSTROM BOND AB9110		gm	05/26/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001341150		ION CHROMATOGRAPHY BROMIDE STANDARD	500	ml	05/26/2015
0001341151	7647-14-5	CHLORIDE STANDARD	500	ml	05/26/2015
0001341152	7681-49-4	FLUORIDE STANDARD SOLUTION	500	ml	05/26/2015
0001341597		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341299		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/26/2015
0001388990		SILICONE II	10.1	OZ	05/26/2015
0001388747		fast setting cement	60	lb	05/26/2015
0001388746		fast setting cement	60	lb	05/26/2015
0001341296		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/26/2015
0001341295		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/26/2015
0001341294		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/26/2015
0001341293		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/26/2015
0001341298		FANTASTIKE ALL PURPOSE CLEANER	32	oz	05/26/2015
0001341307		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/26/2015
0001341300		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/26/2015
0001341301		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/26/2015
0001341302		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/26/2015
0001341303		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/26/2015
0001341304		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/26/2015
0001341305		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/26/2015
0001388749		fast setting cement	60	lb	05/26/2015
0001341297		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/26/2015
0001341621		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341379	75-05-8	ACETONITRILE	1	<u> </u>	05/26/2015
0001341614		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341615		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341616		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341617		ANGSTROM BOND AB9110		gm	05/26/2015
0001341618	<u>l</u>	ANGSTROM BOND AB9110	2.5	gm	05/26/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001362350		P-10 (90% ARGON 10% METHANE)	220	cf	05/26/2015
0001341620		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341611		ANGSTROM BOND AB9110		gm	05/26/2015
0001341622		ANGSTROM BOND AB9110		gm	05/26/2015
0001341623		ANGSTROM BOND AB9110	_	gm	05/26/2015
0001341624		ANGSTROM BOND AB9110		gm	05/26/2015
0001341626		ANGSTROM BOND AB9110		gm	05/26/2015
0001341628		ANGSTROM BOND AB9110		gm	05/26/2015
0001388995		SILICONE II	10.1		05/26/2015
0001341619		ANGSTROM BOND AB9110		gm	05/26/2015
0001388728		fast setting cement	60		05/26/2015
0001388720		fast setting cement	60		05/26/2015
0001388721		fast setting cement	60		05/26/2015
0001388722		fast setting cement	60		05/26/2015
0001388723		fast setting cement	60		05/26/2015
0001388724		fast setting cement	60		05/26/2015
0001388725		fast setting cement	60		05/26/2015
0001341613		ANGSTROM BOND AB9110		gm	05/26/2015
0001311013		fast setting cement	60		05/26/2015
0001341612		ANGSTROM BOND AB9110		gm	05/26/2015
0001388729		fast setting cement	60		05/26/2015
0001388730		fast setting cement	60		05/26/2015
0001388731		fast setting cement	60		05/26/2015
0001341608		ANGSTROM BOND AB9110		gm	05/26/2015
0001341609		ANGSTROM BOND AB9110		gm	05/26/2015
0001341610		ANGSTROM BOND AB9110		gm	05/26/2015
0001388732		fast setting cement	60		05/26/2015
0001388726		fast setting cement	60		05/26/2015
0001341406		Graphene oxide		gm	05/26/2015
0001341153	12125-02-9	AMMONIUM STANDARD SOLUTION (1 MG/ML AMMONIUM)	500		05/26/2015
0001341603		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341604		ANGSTROM BOND AB9110		gm	05/26/2015
0001389000		SILICONE II	10.1	1	05/26/2015
0001388999		SILICONE II	10.1		05/26/2015
0001388998		SILICONE II	10.1		05/26/2015
0001341629		ANGSTROM BOND AB9110		gm	05/26/2015
0001341594		ANGSTROM BOND AB9110		gm	05/26/2015
0001341309		FANTASTIKE ALL PURPOSE CLEANER		OZ	05/26/2015
0001341405		FANTASTIKE ALL PURPOSE CLEANER		oz	05/26/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001341404		FANTASTIKE ALL PURPOSE CLEANER	32	oz	05/26/2015
0001341403		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/26/2015
0001341402		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/26/2015
0001341401		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/26/2015
0001388719		fast setting cement	60	lb	05/26/2015
0001388997		SILICONE II	10.1	OZ	05/26/2015
0001388740		fast setting cement	60	lb	05/26/2015
0001388733		fast setting cement	60	lb	05/26/2015
0001388734		fast setting cement	60	lb	05/26/2015
0001388735		fast setting cement	60	lb	05/26/2015
0001388736		fast setting cement	60	lb	05/26/2015
0001388737		fast setting cement	60	lb	05/26/2015
0001388738		fast setting cement	60	lb	05/26/2015
0001341595		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001388739		fast setting cement	60	lb	05/26/2015
0001341308		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/26/2015
0001388741		fast setting cement	60	lb	05/26/2015
0001388742		fast setting cement	60	lb	05/26/2015
0001388743		fast setting cement	60	lb	05/26/2015
0001388744		fast setting cement	60	lb	05/26/2015
0001388745		fast setting cement	60	lb	05/26/2015
0001341310		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/26/2015
0001388996		SILICONE II	10.1	OZ	05/26/2015
0001341380	75-05-8	ACETONITRILE		I	05/26/2015
0001389205		SILICONE II	10.1	OZ	05/26/2015
0001389079		SILICONE II	10.1	OZ	05/26/2015
0001389196		SILICONE II	10.1	OZ	05/26/2015
0001389197		SILICONE II	10.1	OZ	05/26/2015
0001389198		SILICONE II	10.1	OZ	05/26/2015
0001389199		SILICONE II	10.1	OZ	05/26/2015
0001389200		SILICONE II	10.1	OZ	05/26/2015
0001389201		SILICONE II	10.1	OZ	05/26/2015
0001389202		SILICONE II	10.1	OZ	05/26/2015
0001389194		SILICONE II	10.1	OZ	05/26/2015
0001389204		SILICONE II	10.1	OZ	05/26/2015
0001389193		SILICONE II	10.1	OZ	05/26/2015
0001389206		SILICONE II	10.1	OZ	05/26/2015
0001389207		SILICONE II	10.1	OZ	05/26/2015
0001389208		SILICONE II	10.1	OZ	05/26/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001389209		SILICONE II	10.1		05/26/2015
0001389210		SILICONE II	10.1	OZ	05/26/2015
0001389211		SILICONE II	10.1	OZ	05/26/2015
0001389212		SILICONE II	10.1	OZ	05/26/2015
0001389213		SILICONE II	10.1	OZ	05/26/2015
0001389214		SILICONE II	10.1	OZ	05/26/2015
0001389203		SILICONE II	10.1	OZ	05/26/2015
0001341671		ANGSTROM BOND AB9110		gm	05/26/2015
0001341562		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001389076		SILICONE II	10.1		05/26/2015
0001389075		SILICONE II	10.1		05/26/2015
0001389074		SILICONE II	10.1		05/26/2015
0001341388		NAFION		ml	05/26/2015
0001362356	76-16-4	HEXAFLUOROETHANE	220		05/26/2015
0001341675		ANGSTROM BOND AB9110		gm	05/26/2015
0001341674		ANGSTROM BOND AB9110		gm	05/26/2015
0001389195		SILICONE II	10.1		05/26/2015
0001341672		ANGSTROM BOND AB9110		gm	05/26/2015
0001389217		SILICONE II	10.1		05/26/2015
0001341670		ANGSTROM BOND AB9110		gm	05/26/2015
0001341669		ANGSTROM BOND AB9110		gm	05/26/2015
0001389191		SILICONE II	10.1		05/26/2015
0001341553		ANGSTROM BOND AB9110		gm	05/26/2015
0001341554		ANGSTROM BOND AB9110		gm	05/26/2015
0001341555		ANGSTROM BOND ABOUT		gm	05/26/2015
0001341556		ANGSTROM BOND ABOUT		gm	05/26/2015
0001341557		ANGSTROM BOND AB9110	10.1	gm	05/26/2015
0001389192		SILICONE II ANGSTROM BOND AB9110			05/26/2015
0001341673 0001389175		SILICONE II	10.1	gm	05/26/2015 05/26/2015
0001389173	75-05-8	ACETONITRILE		I	05/26/2015
0001341381	7786-30-3	MAGNESIUM CHLORIDE	3300		05/26/2015
0001334385	7700 30 3	FANTASTIKE ALL PURPOSE CLEANER		OZ	05/26/2015
0001341286		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/26/2015
0001341287		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/26/2015
0001341288		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/26/2015
0001341558		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341559	_	ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001389215		SILICONE II	10.1		05/26/2015
0001389174		SILICONE II	10.1	OZ	05/26/2015
0001341384	7664-93-9	SULFURIC ACID	1	I	05/26/2015

Barcode	CAS#	Chemical Name	Container	Unit of	Date
0004300476		CHICONE	Size	Measure	05/26/2015
0001389176		SILICONE II	10.1		05/26/2015
0001389177 0001389229		SILICONE II SPRAY PAINT	+	OZ OZ	05/26/2015 05/26/2015
0001389229		SPRAY PAINT		OZ OZ	05/26/2015
0001389230		SPRAY PAINT		OZ	05/26/2015
0001389231		SPRAY PAINT		OZ	05/26/2015
0001389232		SPRAY PAINT		OZ OZ	05/26/2015
0001303255		ANGSTROM BOND AB9110		gm	05/26/2015
0001341561		ANGSTROM BOND AB9110		gm	05/26/2015
0001389173		SILICONE II	10.1		05/26/2015
0001341487	76-84-6	TRIPHENYLMETHANOL		gm	05/26/2015
0001389080		SILICONE II	10.1		05/26/2015
0001389218		SILICONE II	10.1		05/26/2015
0001389219		SILICONE II	10.1	oz	05/26/2015
0001389220		SILICONE II	10.1	OZ	05/26/2015
0001389221		SILICONE II	10.1	OZ	05/26/2015
0001389222		SILICONE II	10.1	OZ	05/26/2015
0001389223		SILICONE II	10.1	OZ	05/26/2015
0001389224		SILICONE II	10.1	OZ	05/26/2015
0001389226		SILICONE II	10.1	oz	05/26/2015
0001341382	7664-93-9	SULFURIC ACID	1	I	05/26/2015
0001341488	3695-77-0	TRIPHENYLMETHANETHIOL	5	gm	05/26/2015
0001341383	7664-93-9	SULFURIC ACID	1		05/26/2015
0001341486	673-32-5	1-PHENYL-1-PROPYNE	5	gm	05/26/2015
0001341485	259-79-0	Biphenylene	100	mg	05/26/2015
0001341484	50-99-7	D-[+]-GLUCOSE	1	kg	05/26/2015
0001341483	50-99-7	D-[+]-GLUCOSE	1	kg	05/26/2015
0001341482	50-99-7	D-[+]-GLUCOSE	1		05/26/2015
0001341387	7664-93-9	SULFURIC ACID	1		05/26/2015
0001341386	7664-93-9	SULFURIC ACID	1	I	05/26/2015
0001341385	7664-93-9	SULFURIC ACID	1		05/26/2015
0001389216		SILICONE II	10.1	OZ	05/26/2015
0001389264		TPO LV SINGLE PLY BONDING ADHESIVE	5	gal	05/26/2015
0001341494	639-58-7	TRIPHENYLTIN CHLORIDE	250	mg	05/26/2015
0001389078		SILICONE II	10.1	oz	05/26/2015
0001389102		SILICONE II	10.1	OZ	05/26/2015
0001389101		SILICONE II	10.1	OZ	05/26/2015
0001389100		SILICONE II	10.1	OZ	05/26/2015
0001389099		SILICONE II	10.1	OZ	05/26/2015
0001389098		SILICONE II	10.1	OZ	05/26/2015
0001389097		SILICONE II	10.1	OZ	05/26/2015
0001362352	74-86-2	ACETYLENE	40	cf	05/26/2015
0001341516	10101-63-0	LEAD(II) IODIDE	100	gm	05/26/2015
0001362351	74-86-2	ACETYLENE	40	cf	05/26/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001341694	7791-25-5	SULFURYL CHLORIDE	1		05/26/2015
0001341493	639-58-7	TRIPHENYLTIN CHLORIDE	250		05/26/2015
0001389096		SILICONE II	10.1		05/26/2015
0001389095		SILICONE II	10.1		05/26/2015
0001389094		SILICONE II	10.1		05/26/2015
0001389093		SILICONE II	10.1	oz	05/26/2015
0001389092		SILICONE II	10.1	OZ	05/26/2015
0001389091		SILICONE II	10.1	OZ	05/26/2015
0001389090		SILICONE II	10.1	oz	05/26/2015
0001389089		SILICONE II	10.1	oz	05/26/2015
0001341684	5743-04-4	CADMIUM ACETATE DIHYDRATE	100	gm	05/26/2015
0001389190		SILICONE II	10.1	OZ	05/26/2015
0001341584		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001389188		SILICONE II	10.1	oz	05/26/2015
0001389187		SILICONE II	10.1	OZ	05/26/2015
0001389186		SILICONE II	10.1	OZ	05/26/2015
0001389185		SILICONE II	10.1	OZ	05/26/2015
0001389184		SILICONE II	10.1		05/26/2015
0001389183		SILICONE II	10.1		05/26/2015
0001389182		SILICONE II	10.1		05/26/2015
0001389103		SILICONE II	10.1		05/26/2015
0001389189		SILICONE II	10.1		05/26/2015
0001389086		SILICONE II	10.1	OZ	05/26/2015
0001341497	7757-82-6	SODIUM SULFATE, ANHYDROUS	1	kg	05/26/2015
0001362353	74-86-2	ACETYLENE	10	cf	05/26/2015
0001341496	7487-88-9	MAGNESIUM SULFATE, ANHYDROUS	500	gm	05/26/2015
0001341495	7487-88-9	MAGNESIUM SULFATE, ANHYDROUS	500	gm	05/26/2015
0001389180		SILICONE II	10.1	oz	05/26/2015
0001389179		SILICONE II	10.1	oz	05/26/2015
0001389178		SILICONE II	10.1	OZ	05/26/2015
0001389228		SPRAY PAINT	12	OZ	05/26/2015
0001341703	206986-87-0	SODIUM CHOLATE HYDRATE	100		05/26/2015
0001389181		SILICONE II	10.1	•	05/26/2015
0001341393	26621-44-3	3-Nitropyrazol		gm	05/26/2015
0001341490	1461-22-9	TRIBUTYLTIN CHLORIDE		gm	05/26/2015
0001341489	1983-10-4	TRIBUTYLTIN FLUORIDE		gm	05/26/2015
0001341677	-	DC 1200 PRIMER	13.5		05/26/2015
0001341676		DC 1200 PRIMER	13.5		05/26/2015
0001341399	2037-26-5	TOLUENE-D8		ml	05/26/2015
0001341398	2037-26-5	TOLUENE-D8		ml	05/26/2015
0001341397	2037-26-5	TOLUENE-D8	25	ml	05/26/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001341396	2037-26-5	TOLUENE-D8		ml	05/26/2015
0001311330		SILICONE II	10.1		05/26/2015
0001341394	69011-20-7	AG 50W-X8 RESIN		gm	05/26/2015
0001341513	4235-95-4	1,2-DIOLEOYL-SN-GLYCERO-3- PHOSPHOCHOLINE, LYPOPHILIZED		mg	05/26/2015
0001341392		NAFION	25	ml	05/26/2015
0001341391		NAFION	25	ml	05/26/2015
0001341390		NAFION	25	ml	05/26/2015
0001341389		NAFION	25	ml	05/26/2015
0001341551		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341552		ANGSTROM BOND AB9110		gm	05/26/2015
0001389083		SILICONE II	10.1		05/26/2015
0001389082		SILICONE II	10.1	OZ	05/26/2015
0001389081		SILICONE II	10.1	OZ	05/26/2015
0001341395	69011-20-7	AG 50W-X8 RESIN	50	gm	05/26/2015
0001341504		ALEXA FLUOR 647 CARBOXYLIC ACID		gm	05/26/2015
0001389227		SILICONE II	10.1	OZ	05/26/2015
0001389085		SILICONE II	10.1	OZ	05/26/2015
0001389084		SILICONE II	10.1	OZ	05/26/2015
0001362354		P-10 (90% ARGON 10% METHANE)	220	cf	05/26/2015
0001362355		P-10 (90% ARGON 10% METHANE)	220	cf	05/26/2015
0001341498	37199-66-9	POTASSIUM POLYSULFIDE	250	gm	05/26/2015
0001341499	37199-66-9	POTASSIUM POLYSULFIDE		gm	05/26/2015
0001341500	7775-14-6	SODIUM HYDROSULFITE		gm	05/26/2015
0001341501	7775-14-6	SODIUM HYDROSULFITE		gm	05/26/2015
0001341491	639-58-7	TRIPHENYLTIN CHLORIDE		mg	05/26/2015
0001341503		Anti-Lipopolysaccharide / LPS Antibody	1000		05/26/2015
0001341492	639-58-7	TRIPHENYLTIN CHLORIDE	250	mg	05/26/2015
0001341505	4731-53-7	TRIOCTYLPHOSPHINE	500		05/26/2015
0001341506	4235-95-4	1,2-DIOLEOYL-SN-GLYCERO-3- PHOSPHOCHOLINE, LYPOPHILIZED		mg	05/26/2015
0001341507	4235-95-4	1,2-DIOLEOYL-SN-GLYCERO-3- PHOSPHOCHOLINE, LYPOPHILIZED	25	mg	05/26/2015
0001341508	4235-95-4	1,2-DIOLEOYL-SN-GLYCERO-3- PHOSPHOCHOLINE, LYPOPHILIZED	25	mg	05/26/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001341509	4235-95-4	1,2-DIOLEOYL-SN-GLYCERO-3- PHOSPHOCHOLINE, LYPOPHILIZED	25	mg	05/26/2015
0001341510	4235-95-4	1,2-DIOLEOYL-SN-GLYCERO-3- PHOSPHOCHOLINE, LYPOPHILIZED	25	mg	05/26/2015
0001341511	4235-95-4	1,2-DIOLEOYL-SN-GLYCERO-3- PHOSPHOCHOLINE, LYPOPHILIZED	25	mg	05/26/2015
0001341512	4235-95-4	1,2-DIOLEOYL-SN-GLYCERO-3- PHOSPHOCHOLINE, LYPOPHILIZED	25	mg	05/26/2015
0001389087		SILICONE II	10.1	OZ	05/26/2015
0001341502	7775-14-6	SODIUM HYDROSULFITE	100	gm	05/26/2015
0001389065		SILICONE II	10.1		05/26/2015
0001389242		SPRAY PAINT		OZ	05/26/2015
0001389054		SILICONE II	10.1		05/26/2015
0001389055		SILICONE II	10.1		05/26/2015
0001389056		SILICONE II	10.1		05/26/2015
0001389057		SILICONE II	10.1		05/26/2015
0001389058 0001389059		SILICONE II SILICONE II	10.1		05/26/2015 05/26/2015
0001389059		SILICONE II	10.1		05/26/2015
0001389061		SILICONE II	10.1		05/26/2015
0001389062		SILICONE II	10.1		05/26/2015
0001389052		SILICONE II	10.1		05/26/2015
0001389064		SILICONE II	10.1		05/26/2015
0001389051		SILICONE II	10.1	OZ	05/26/2015
0001341574		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341575		ANGSTROM BOND AB9110		gm	05/26/2015
0001341576		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341577		ANGSTROM BOND AB9110		gm	05/26/2015
0001341578		ANGSTROM BOND AB9110		gm	05/26/2015
0001341579		ANGSTROM BOND AB9110		gm	05/26/2015
0001341580		ANGSTROM BOND AB9110		gm	05/26/2015
0001341581		ANGSTROM BOND AB9110		gm	05/26/2015
0001389044		SILICONE II	10.1		05/26/2015
0001341583		ANGSTROM BOND AB9110		gm	05/26/2015
0001389063 0001389042		SILICONE II SILICONE II	10.1		05/26/2015
0001389042		SILICONE II	10.1		05/26/2015 05/26/2015
0001389071	+	SILICONE II	10.1		05/26/2015
0001389038		SILICONE II	10.1		05/26/2015
0001389039		SILICONE II	10.1	†	05/26/2015
0001389040		SILICONE II	10.1		05/26/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001280539		FS-ONE HIGH PERFORMANCE INTUMESCENT FIRE STOP SEALANT	10.1	oz	05/26/2015
0001280538		FS-ONE HIGH PERFORMANCE INTUMESCENT FIRE STOP SEALANT	10.1	OZ	05/26/2015
0001389046		SILICONE II	10.1	oz	05/26/2015
0001389047		SILICONE II	10.1	OZ	05/26/2015
0001280537		FS-ONE HIGH PERFORMANCE INTUMESCENT FIRE STOP SEALANT	10.1	OZ	05/26/2015
0001389053		SILICONE II	10.1	OZ	05/26/2015
0001389041		SILICONE II	10.1	•	05/26/2015
0001341587		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001389043		SILICONE II	10.1		05/26/2015
0001341570		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341571		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341572		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341573		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341563		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001389048		SILICONE II	10.1	oz	05/26/2015
0001389225		SILICONE II	10.1	oz	05/26/2015
0001389049		SILICONE II	10.1	oz	05/26/2015
0001389050		SILICONE II	10.1	OZ	05/26/2015
0001280536		FS-ONE HIGH PERFORMANCE INTUMESCENT FIRE STOP SEALANT	10.1	oz	05/26/2015
0001341640		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341652		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341651		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341650		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341649		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341648		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341647		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341646		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341645		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341644		ANGSTROM BOND AB9110		gm	05/26/2015
0001341643		ANGSTROM BOND AB9110		gm	05/26/2015
0001341585		ANGSTROM BOND AB9110		gm	05/26/2015
0001341641		ANGSTROM BOND AB9110		gm	05/26/2015
0001341655		ANGSTROM BOND AB9110	2.5	gm	05/26/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001341639		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341638		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341637		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341636		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341635		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341634		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341633		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001389045		SILICONE II	10.1	OZ	05/26/2015
0001389073		SILICONE II	10.1	OZ	05/26/2015
0001389072		SILICONE II	10.1		05/26/2015
0001341642		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341661		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001389241		SPRAY PAINT		OZ	05/26/2015
0001341588		ANGSTROM BOND AB9110		gm	05/26/2015
0001341589		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341590		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341591		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341668		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341667		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341666		ANGSTROM BOND AB9110		gm	05/26/2015
0001341665		ANGSTROM BOND AB9110		gm	05/26/2015
0001341664		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341653		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341662		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341654		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341660		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341659		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001389066		SILICONE II	10.1		05/26/2015
0001389067		SILICONE II	10.1	OZ	05/26/2015
0001389068		SILICONE II	10.1	OZ	05/26/2015
0001389069		SILICONE II	10.1	OZ	05/26/2015
0001389070		SILICONE II	10.1		05/26/2015
0001341658		ANGSTROM BOND AB9110	_	gm	05/26/2015
0001341657		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341656		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341586		ANGSTROM BOND AB9110		gm	05/26/2015
0001341663		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001389028		SILICONE II	10.1	OZ	05/26/2015
0001389036		SILICONE II	10.1	OZ	05/26/2015
0001341704	329-98-6	PHENYLMETHYL SULFONYL FLUORIDE	25	gm	05/26/2015
0001341515	1330-20-7	XYLENES	1	I	05/26/2015
0001341514	7631-90-5	SODIUM BISULFITE	500	gm	05/26/2015
0001341693	67-64-1	ACETONE	1		05/26/2015
0001341690	128-09-6	N-CHLOROSUCCINIMIDE	100	gm	05/26/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001388978		SILICONE II	10.1		05/26/2015
0001389027		SILICONE II	10.1		05/26/2015
0001388979		SILICONE II	10.1	OZ	05/26/2015
0001389029		SILICONE II	10.1	OZ	05/26/2015
0001389030		SILICONE II	10.1	OZ	05/26/2015
0001389031		SILICONE II	10.1	OZ	05/26/2015
0001388709		fast setting cement	60	lb	05/26/2015
0001389033		SILICONE II	10.1	OZ	05/26/2015
0001389035		SILICONE II	10.1	OZ	05/26/2015
0001341678		DC 1200 PRIMER	13.5	OZ	05/26/2015
0001341682	20624-25-3	SODIUM DIETHYLDITHIOCARBAMATE TRIHYDRATE	100	gm	05/26/2015
0001388708		fast setting cement	60	lb	05/26/2015
0001388707		fast setting cement	60	lb	05/26/2015
0001388706		fast setting cement	60	lb	05/26/2015
0001388705		fast setting cement		lb	05/26/2015
0001388704		fast setting cement	60	lb	05/26/2015
0001341679		Lauryl Maltose Neopentyl Glycol	5	gm	05/26/2015
0001388977		SILICONE II	10.1	OZ	05/26/2015
0001341681	7758-95-4	LEAD(II) CHLORIDE	50	gm	05/26/2015
0001389034		SILICONE II	10.1	OZ	05/26/2015
0001341683	20624-25-3	SODIUM DIETHYLDITHIOCARBAMATE TRIHYDRATE	100	gm	05/26/2015
0001341569		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341568		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341567		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001334981	7786-30-3	MAGNESIUM CHLORIDE	3300		05/26/2015
0001334980	7732-18-5	Hydrochloric Acid 30-31%	3000	lb	05/26/2015
0001341680	7758-95-4	LEAD(II) CHLORIDE	50	gm	05/26/2015
0001389236		SPRAY PAINT		OZ	05/26/2015
0001389243		SPRAY PAINT	_	OZ	05/26/2015
0001389238		SPRAY PAINT		OZ	05/26/2015
0001389239		SPRAY PAINT		OZ	05/26/2015
0001389240		SPRAY PAINT	_	OZ	05/26/2015
0001341566		ANGSTROM BOND AB9110		gm	05/26/2015
0001389032		SILICONE II	10.1		05/26/2015
0001389237		SPRAY PAINT		OZ	05/26/2015
0001389235		SPRAY PAINT		OZ	05/26/2015
0001389234	7001 05 4	SPRAY PAINT		OZ	05/26/2015
0001341687	7681-65-4	COPPER(I) IODIDE		gm	05/26/2015
0001341688	7681-65-4	COPPER(I) IODIDE		gm	05/26/2015
0001341689	128-09-6	N-CHLOROSUCCINIMIDE	100	gm	05/26/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001341686	5970-45-6	ZINC ACETATE, DIHYDRATE	25	gm	05/26/2015
0001341685	5970-45-6	ZINC ACETATE, DIHYDRATE	25	gm	05/26/2015
0001341564		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001341565		ANGSTROM BOND AB9110	2.5	gm	05/26/2015
0001389262		SPRAY PAINT	12	oz	05/26/2015
0001362364	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	05/26/2015
0001389131		SILICONE II	10.1	OZ	05/26/2015
0001389132		SILICONE II	10.1	OZ	05/26/2015
0001389133		SILICONE II	10.1	OZ	05/26/2015
0001389134		SILICONE II	10.1	oz	05/26/2015
0001389260		SPRAY PAINT	12	oz	05/26/2015
0001389261		SPRAY PAINT	12	oz	05/26/2015
0001389263		SPRAY PAINT	12	oz	05/26/2015
0001389265		TPO LV SINGLE PLY BONDING ADHESIVE	5	gal	05/26/2015
0001362358	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	05/26/2015
0001362362	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	05/26/2015
0001362361	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	05/26/2015
0001362363	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	05/26/2015
0001362357	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	05/26/2015
0001362360	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	05/26/2015
0001389109		SILICONE II	10.1	OZ	05/26/2015
0001389135		SILICONE II	10.1	OZ	05/26/2015
0001389136		SILICONE II	10.1	OZ	05/26/2015
0001389137		SILICONE II	10.1	OZ	05/26/2015
0001362359	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	05/26/2015
0001389128		SILICONE II	10.1	OZ	05/26/2015
0001389115		SILICONE II	10.1	OZ	05/26/2015
0001389116		SILICONE II	10.1	OZ	05/26/2015

Barcode	CAS#	Chemical Name	Container	Unit of	Date
Darcode	CAS #	Chemical Name	Size	Measure	Date
0001389117		SILICONE II	10.1		05/26/2015
0001389118		SILICONE II	10.1		05/26/2015
0001389119		SILICONE II	10.1		05/26/2015
0001389120		SILICONE II	10.1		05/26/2015
0001389121		SILICONE II	10.1		05/26/2015
0001389122		SILICONE II	10.1		05/26/2015
0001389123		SILICONE II	10.1		05/26/2015
0001389124		SILICONE II SILICONE II	10.1 10.1		05/26/2015
0001389125		SILICONE II	10.1		05/26/2015
0001389111 0001389127		SILICONE II	10.1		05/26/2015 05/26/2015
0001389127		SILICONE II	10.1		05/26/2015
0001389130		SILICONE II	10.1		05/26/2015
0001389104		SILICONE II	10.1		05/26/2015
0001389106		SILICONE II	10.1		05/26/2015
0001389107		SILICONE II	10.1		05/26/2015
0001389108		SILICONE II	10.1		05/26/2015
0001389144		SILICONE II	10.1		05/26/2015
0001389110		SILICONE II	10.1		05/26/2015
0001389138		SILICONE II	10.1		05/26/2015
0001389112		SILICONE II	10.1	OZ	05/26/2015
0001389113		SILICONE II	10.1	OZ	05/26/2015
0001389114		SILICONE II	10.1	OZ	05/26/2015
0001389129		SILICONE II	10.1	OZ	05/26/2015
0001389126		SILICONE II	10.1	OZ	05/26/2015
0001389166		SILICONE II	10.1	OZ	05/26/2015
0001389172		SILICONE II	10.1	OZ	05/26/2015
0001389159		SILICONE II	10.1	OZ	05/26/2015
0001389160		SILICONE II	10.1		05/26/2015
0001389161		SILICONE II	10.1		05/26/2015
0001389162		SILICONE II	10.1		05/26/2015
0001389163		SILICONE II	10.1		05/26/2015
0001389157		SILICONE II	10.1		05/26/2015
0001389165		SILICONE II	10.1		05/26/2015
0001389156		SILICONE II	10.1		05/26/2015
0001389167		SILICONE II	10.1		05/26/2015
0001389139		SILICONE II	10.1		05/26/2015
0001389168		SILICONE II	10.1		05/26/2015
0001389142		SILICONE II	10.1		05/26/2015
0001389169 0001389170		SILICONE II SILICONE II	10.1 10.1		05/26/2015 05/26/2015
0001389170		SILICONE II	10.1		05/26/2015
0001389171		SILICONE II	10.1		05/26/2015
0001389164		SILICONE II	10.1		05/26/2015
0001389149		SILICONE II	10.1		05/26/2015
0001303140		SILICUNE II	10.1	UZ	05/20/2015

Barcode	CAS#	Chemical Name	Container	Unit of	Date
	<i>C.</i> 1.5		Size	Measure	
0001389141		SILICONE II	10.1		05/26/2015
0001389143		SILICONE II	10.1		05/26/2015
0001389145		SILICONE II	10.1		05/26/2015
0001389146		SILICONE II	10.1		05/26/2015
0001389147		SILICONE II	10.1	OZ	05/26/2015
0001389158		SILICONE II	10.1	OZ	05/26/2015
0001389148		SILICONE II	10.1	OZ	05/26/2015
0001389150		SILICONE II	10.1	OZ	05/26/2015
0001389151		SILICONE II	10.1	OZ	05/26/2015
0001389152		SILICONE II	10.1	OZ	05/26/2015
0001389153		SILICONE II	10.1	OZ	05/26/2015
0001389154		SILICONE II	10.1	OZ	05/26/2015
0001389155		SILICONE II	10.1	OZ	05/26/2015
0001389285		RUST COAT ENAMEL	12	OZ	05/27/2015
0001389289		RUST COAT ENAMEL	12	OZ	05/27/2015
0001389288		RUST COAT ENAMEL	12	OZ	05/27/2015
0001389287		RUST COAT ENAMEL	12	OZ	05/27/2015
0001389284		RUST COAT ENAMEL	12	OZ	05/27/2015
0001389286		RUST COAT ENAMEL	12	OZ	05/27/2015
0001389275		RUST COAT ENAMEL	12	OZ	05/27/2015
0001389282		RUST COAT ENAMEL	12	OZ	05/27/2015
0001389283		RUST COAT ENAMEL	12	OZ	05/27/2015
0001389281		RUST COAT ENAMEL	12	OZ	05/27/2015
0001389270		RUST COAT ENAMEL	12	OZ	05/27/2015
0001389266		RUST COAT ENAMEL	12	OZ	05/27/2015
0001389277		RUST COAT ENAMEL	12	OZ	05/27/2015
0001389267		RUST COAT ENAMEL	12	OZ	05/27/2015
0001389280		RUST COAT ENAMEL	12	OZ	05/27/2015
0001389269		RUST COAT ENAMEL	12	OZ	05/27/2015
0001389268		RUST COAT ENAMEL	12	OZ	05/27/2015
0001389273		RUST COAT ENAMEL	12	OZ	05/27/2015
0001389274		RUST COAT ENAMEL	12	OZ	05/27/2015
0001389276		RUST COAT ENAMEL	12	OZ	05/27/2015
0001389278		RUST COAT ENAMEL	12	OZ	05/27/2015
0001389279		RUST COAT ENAMEL	12	OZ	05/27/2015
0001389272		RUST COAT ENAMEL		OZ	05/27/2015
0001389271		RUST COAT ENAMEL	12	OZ	05/27/2015
0001334989	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	05/28/2015
0001334986	7786-30-3	MAGNESIUM CHLORIDE	3300		05/28/2015
0001389292		fast setting cement	60	lb	05/28/2015
0001334987	7786-30-3	MAGNESIUM CHLORIDE	3300		05/28/2015
0001341728		Nexguard 22350		gal	05/28/2015
0001341727		Nexguard 22350		gal	05/28/2015
0001341549	3522-50-7	FERRIC CITRATE		gm	05/28/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001341548	112-07-2	ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE	500	ml	05/28/2015
0001334988	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	05/28/2015
0001311442	64742-54-7	HYDROTREATED HEAVY PARAFFINIC DISTILLATE	6.5	OZ	05/28/2015
0001341541		FILM DEVELOPER	1	I	05/28/2015
0001341539		FILM DEVELOPER	17	oz	05/28/2015
0001341705		BUTANE GAS	5.13	oz	05/28/2015
0001341726		Nexguard 22350	55	gal	05/28/2015
0001341725		Nexguard 22350	55	gal	05/28/2015
0001341724		Nexguard 22350	55	gal	05/28/2015
0001341729		Nexguard 22350	55	gal	05/28/2015
0001341547	5182-30-9	Trisodium Naphthalene-1,3,6-trisulfonate Hydrate	25	gm	05/28/2015
0001341535		CLOROX	1	gal	05/28/2015
0001341722	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	2.5		05/28/2015
0001389290		Nickel-Graf	8	oz	05/28/2015
0001341720		FREE CHLORINE INDICATOR SOLUTION FOR CL-17 ANALYZER	473	ml	05/28/2015
0001341719		FREE CHLORINE INDICATOR SOLUTION FOR CL-17 ANALYZER	473	ml	05/28/2015
0001341718		FREE CHLORINE INDICATOR SOLUTION FOR CL-17 ANALYZER	473	ml	05/28/2015
0001341529		SODIUM HYDROXIDE, SOLUTIONS	500	ml	05/28/2015
0001334990	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	05/28/2015
0001341530		DUOSEAL	1	gal	05/28/2015
0001341531		DUOSEAL	1	gal	05/28/2015
0001341532		CLOROX	1	gal	05/28/2015
0001341517	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	500	ml	05/28/2015
0001341534		CLOROX	1	gal	05/28/2015
0001341723	60-29-7	ETHYL ETHER	1	Ī	05/28/2015
0001341550	7758-02-3	POTASSIUM BROMIDE	100	gm	05/28/2015
0001311441	6834-92-0	K & N AIR FILTER CLEANER		OZ	05/28/2015
0001341546		FILM DEVELOPER	1	I	05/28/2015
0001341545		FILM DEVELOPER	1	I	05/28/2015
0001341544		FILM DEVELOPER	1	I	05/28/2015
0001341543		FILM DEVELOPER	1		05/28/2015
0001341542		FILM DEVELOPER	1		05/28/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001341540		FILM DEVELOPER	17	OZ	05/28/2015
0001341538	631-61-8	AMMONIUM ACETATE	500	gm	05/28/2015
0001341537		CLOROX		gal	05/28/2015
0001341533		CLOROX	1	gal	05/28/2015
0001341715		FREE CHLORINE INDICATOR SOLUTION FOR CL-17 ANALYZER	473	ml	05/28/2015
0001341518	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	500	ml	05/28/2015
0001341519	75-15-0	CARBON DISULFIDE	100	ml	05/28/2015
0001341520	335-67-1	Perfluorooctanoic acid, 95%	25	gm	05/28/2015
0001389291		fast setting cement	60	lb	05/28/2015
0001341536		CLOROX	1	gal	05/28/2015
0001389293		fast setting cement	60	lb	05/28/2015
0001389294		fast setting cement	60	lb	05/28/2015
0001341717		FREE CHLORINE INDICATOR SOLUTION FOR CL-17 ANALYZER	473	ml	05/28/2015
0001341721	75-09-2	METHYLENE CHLORIDE (DICHLOROMETHANE)	4	I	05/28/2015
0001341716		FREE CHLORINE INDICATOR SOLUTION FOR CL-17 ANALYZER	473	ml	05/28/2015
0001389297		fast setting cement	60	lb	05/28/2015
0001341714		BUTANE GAS	5.13	oz	05/28/2015
0001341713		BUTANE GAS	5.13	oz	05/28/2015
0001341712		BUTANE GAS	5.13	OZ	05/28/2015
0001341711		BUTANE GAS	5.13	OZ	05/28/2015
0001341710		BUTANE GAS	5.13		05/28/2015
0001341709		BUTANE GAS	5.13		05/28/2015
0001341708		BUTANE GAS	5.13		05/28/2015
0001341707		BUTANE GAS	5.13		05/28/2015
0001341706		BUTANE GAS	5.13		05/28/2015
0001389295		fast setting cement	60		05/28/2015
0001389296		fast setting cement		lb	05/28/2015
0001389299		fast setting cement	60	lb	05/28/2015
0001341523	25265-77-4	2,2,4-TRIMETHYL-1,3-PENTANEDIOL ISOBUTYRATE	500	gm	05/28/2015
0001341522	67899-41-6	Perfluoro(allylbenzene), 97%	25	gm	05/28/2015
0001341521	1072-63-5	1-Vinylimidazole, 99%	100	gm	05/28/2015
0001389304		fast setting cement		lb	05/28/2015
0001389302		fast setting cement		lb	05/28/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001389300		fast setting cement	60	lb	05/28/2015
0001389298		fast setting cement	60	lb	05/28/2015
0001341524	51364-51-3	TRIS(DIBENZYLIDENEACETONE)DIPALLADI UM(0)	5	gm	05/28/2015
0001389305		fast setting cement	60	lb	05/28/2015
0001389301		fast setting cement	60	lb	05/28/2015
0001341526	1513-65-1	2,6-Difluoropyridine	5	gm	05/28/2015
0001341527	107-31-3	METHYL FORMATE	1	I	05/28/2015
0001341528	7757-82-6	SODIUM SULFATE, ANHYDROUS	2.5	kg	05/28/2015
0001341525	1513-65-1	2,6-Difluoropyridine	5	gm	05/28/2015
0001389303		fast setting cement	60	lb	05/28/2015
0001341811		FANTASTIKE ALL PURPOSE CLEANER	32	oz	05/29/2015
0001341810		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/29/2015
0001341812		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/29/2015
0001341818		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/29/2015
0001341821		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/29/2015
0001341831	2564-83-2	2,2,6,6-TETRAMETHYLPIPERIDINOOXY	25	gm	05/29/2015
0001341830		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/29/2015
0001341829		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/29/2015
0001341828		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/29/2015
0001341827		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/29/2015
0001341826		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/29/2015
0001341825		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/29/2015
0001341824		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/29/2015
0001341820		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/29/2015
0001341822		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/29/2015
0001341834	67-56-1	METHANOL	1	I	05/29/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001341819		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/29/2015
0001341817		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/29/2015
0001341816		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/29/2015
0001341815		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/29/2015
0001341814		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/29/2015
0001341813		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/29/2015
0001341809		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/29/2015
0001341804		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/29/2015
0001341823		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/29/2015
0001334992	1310-73-2	Sodium Hydroxide 25%	3400	lb	05/29/2015
0001280383		MOBIL VACTRA OIL NO. 2	5	gal	05/29/2015
0001311489	Multi	Purus Diesel Exhaust Fluid	2.5	gal	05/29/2015
0001280575		FS-ONE	300	ml	05/29/2015
0001280600		BLASOCUT 2000		gal	05/29/2015
0001334998	1310-73-2	Sodium Hydroxide 25%	3400		05/29/2015
0001334997	1310-73-2	Sodium Hydroxide 25%	3400		05/29/2015
0001334996	1310-73-2	Sodium Hydroxide 25%	3400		05/29/2015
0001334995	1310-73-2	Sodium Hydroxide 25%	3400	lb	05/29/2015
0001341832	98-08-8	A,A,A-TRIFLUOROTOLUENE	1		05/29/2015
0001334993	1310-73-2	Sodium Hydroxide 25%	3400		05/29/2015
0001341833 0001334991	75-64-9 1310-73-2	TERT-BUTYLAMINE	500 3400		05/29/2015 05/29/2015
0001334991	71-36-3	Sodium Hydroxide 25% 1-BUTANOL	3400		05/29/2015
0001341842	71-36-3	1-BUTANOL	1	1	05/29/2015
0001341840	71-36-3	1-BUTANOL	1		05/29/2015
0001341839	71-36-3	1-BUTANOL	1	1	05/29/2015
0001341837	67-56-1	METHANOL	1		05/29/2015
0001341836	67-56-1	METHANOL	1		05/29/2015
0001341835	67-56-1	METHANOL	1	I	05/29/2015
0001280358	Multi	STIHL PLATINUM BAR & CHAIN LUBRICANT	1	qt	05/29/2015
0001334994	1310-73-2	Sodium Hydroxide 25%	3400	lb	05/29/2015
0001341777		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/29/2015
0001341785		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/29/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001341784		FANTASTIKE ALL PURPOSE CLEANER	32	oz	05/29/2015
0001341783		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/29/2015
0001341782		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/29/2015
0001341781		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/29/2015
0001341780		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/29/2015
0001341770	7440-61-1	URANIUM, ICP STANDARD SOLUTION	100	ml	05/29/2015
0001341778		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/29/2015
0001341788		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/29/2015
0001341776		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/29/2015
0001341775		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/29/2015
0001341774		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/29/2015
0001341773		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/29/2015
0001341772		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/29/2015
0001311493		synthetic 4-cycle engine oil	1	qt	05/29/2015
0001341779		FANTASTIKE ALL PURPOSE CLEANER		OZ	05/29/2015
0001341795		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/29/2015
0001311492		synthetic 4-cycle engine oil	1	qt	05/29/2015
0001280344		CB-G PG Precision Grout	5	gal	05/29/2015
0001280343		CB-G PG Precision Grout	5	gal	05/29/2015
0001280356		LOCTITE SILVER GRADE ANTI-SEIZE	1	lb	05/29/2015
0001280355		LOCTITE SILVER GRADE ANTI-SEIZE	1	lb	05/29/2015
0001280354		LOCTITE SILVER GRADE ANTI-SEIZE	1	lb	05/29/2015
0001341786		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/29/2015
0001280352		LOCTITE SILVER GRADE ANTI-SEIZE	1	lb	05/29/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001341787		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/29/2015
0001341794		FANTASTIKE ALL PURPOSE CLEANER	32	oz	05/29/2015
0001341793		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/29/2015
0001341792		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/29/2015
0001341791		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/29/2015
0001341790		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/29/2015
0001341789		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/29/2015
0001341769		UTEVA RESIN	200	gm	05/29/2015
0001280353		LOCTITE SILVER GRADE ANTI-SEIZE	1	lb	05/29/2015
0001280365	Multi	STIHL PLATINUM BAR & CHAIN LUBRICANT	1	qt	05/29/2015
0001311470		SANDABLE PRIMER	12	OZ	05/29/2015
0001311469		SANDABLE PRIMER	12	OZ	05/29/2015
0001311468		WD-40 NON-AEROSOL	20	OZ	05/29/2015
0001311467		BATTERY CLEANER	11	OZ	05/29/2015
0001311491		synthetic 4-cycle engine oil	1	qt	05/29/2015
0001280368	Multi	STIHL PLATINUM BAR & CHAIN LUBRICANT	1	qt	05/29/2015
0001341771		FANTASTIKE ALL PURPOSE CLEANER	32	oz	05/29/2015
0001280366	Multi	STIHL PLATINUM BAR & CHAIN LUBRICANT	1	qt	05/29/2015
0001341730	7697-37-2	NITRIC ACID OPTIMA	500	ml	05/29/2015
0001280364	Multi	STIHL PLATINUM BAR & CHAIN LUBRICANT	1	qt	05/29/2015
0001280363	Multi	STIHL PLATINUM BAR & CHAIN LUBRICANT	1	qt	05/29/2015
0001280362	Multi	STIHL PLATINUM BAR & CHAIN LUBRICANT	1	qt	05/29/2015
0001280361	Multi	STIHL PLATINUM BAR & CHAIN LUBRICANT	1	qt	05/29/2015
0001280360	Multi	STIHL PLATINUM BAR & CHAIN LUBRICANT	1	qt	05/29/2015
0001280359	Multi	STIHL PLATINUM BAR & CHAIN LUBRICANT	1	qt	05/29/2015
0001280367	Multi	STIHL PLATINUM BAR & CHAIN LUBRICANT	1	qt	05/29/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001280349		LOCTITE SILVER GRADE ANTI-SEIZE	1	lb	05/29/2015
0001341768	15980-15-1	1,4-OXATHIANE	5	gm	05/29/2015
0001341735	63148-62-9	SILICONE OIL, FOR MELTING POINT AND BOILING POINT APPARATUSE	1	kg	05/29/2015
0001341734	7440-33-7	TUNGSTEN POWDER	500	gm	05/29/2015
0001341733	7697-37-2	NITRIC ACID OPTIMA	500	ml	05/29/2015
0001341732	7697-37-2	NITRIC ACID OPTIMA	500	ml	05/29/2015
0001341808		FANTASTIKE ALL PURPOSE CLEANER	32	oz	05/29/2015
0001311471		LACQUER PAINT HOT ROD BLACK	12	OZ	05/29/2015
0001341806		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/29/2015
0001311472		LACQUER PAINT HOT ROD BLACK	12	OZ	05/29/2015
0001280348		LOCTITE SILVER GRADE ANTI-SEIZE	1	lb	05/29/2015
0001280347		LOCTITE SILVER GRADE ANTI-SEIZE	1	lb	05/29/2015
0001280346		LOCTITE SILVER GRADE ANTI-SEIZE	1	lb	05/29/2015
0001280345		LOCTITE SILVER GRADE ANTI-SEIZE	1	lb	05/29/2015
0001280357	Multi	STIHL PLATINUM BAR & CHAIN LUBRICANT	1	qt	05/29/2015
0001341731	7697-37-2	NITRIC ACID OPTIMA	500	ml	05/29/2015
0001280351		LOCTITE SILVER GRADE ANTI-SEIZE	1	lb	05/29/2015
0001280350		LOCTITE SILVER GRADE ANTI-SEIZE	1	lb	05/29/2015
0001341796		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/29/2015
0001311499		ANTIFREEZE/COOLANT	1	gal	05/29/2015
0001311500		SPLASH WINDSHIELD WASHER FLUID	1	gal	05/29/2015
0001311501		SPLASH WINDSHIELD WASHER FLUID	1	gal	05/29/2015
0001311503		SPLASH WINDSHIELD WASHER FLUID	1	gal	05/29/2015
0001311461		Multipurpose Grease	14.1	OZ	05/29/2015
0001311462		Multipurpose Grease	14.1	OZ	05/29/2015
0001341807		FANTASTIKE ALL PURPOSE CLEANER	32	oz	05/29/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001341805		FANTASTIKE ALL PURPOSE CLEANER	32	oz	05/29/2015
0001382351	1310-73-2	Sodium Hydroxide 25%	3400	lb	05/29/2015
0001311460		Multipurpose Grease	14.1	OZ	05/29/2015
0001341797		FANTASTIKE ALL PURPOSE CLEANER	32	oz	05/29/2015
0001311502		SPLASH WINDSHIELD WASHER FLUID	1	gal	05/29/2015
0001311453		Multipurpose Grease	14.1	OZ	05/29/2015
0000912981	64-19-7	ACETIC ACID, GLACIAL	500		05/29/2015
0000913024	72287-26-4	(1,1'- BIS(DIPHENYLPHOSPHINO)FERROCENE)- DICHLOROPALLADIUM(II), CPLX W/CH2CL2	1	gm	05/29/2015
0001311452		Multipurpose Grease	14.1	OZ	05/29/2015
0001311451		Multipurpose Grease	14.1	OZ	05/29/2015
0001311494		synthetic 4-cycle engine oil	1	qt	05/29/2015
0001311463		ULTRA LOW VOC BRAKLEEN	14	oz	05/29/2015
0001311464		ULTRA LOW VOC BRAKLEEN	14	oz	05/29/2015
0001311465		ULTRA LOW VOC BRAKLEEN	14	OZ	05/29/2015
0001311466		BATTERY TERMINAL PROTECTOR	7.5	oz	05/29/2015
0001311450		Multipurpose Grease	14.1	OZ	05/29/2015
0001311444		Multipurpose Grease	14.1	oz	05/29/2015
0001341801		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/29/2015
0001341800		FANTASTIKE ALL PURPOSE CLEANER	32	oz	05/29/2015
0001341799		FANTASTIKE ALL PURPOSE CLEANER	32	oz	05/29/2015
0001341798		FANTASTIKE ALL PURPOSE CLEANER	32	oz	05/29/2015
0001311449		Multipurpose Grease	14.1	oz	05/29/2015
0001311448		Multipurpose Grease	14.1		05/29/2015
0001311504		SPLASH WINDSHIELD WASHER FLUID	1	gal	05/29/2015
0001341803		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/29/2015
0001311459	1	Multipurpose Grease	14.1	OZ	05/29/2015
0001311446		Multipurpose Grease	14.1	†	05/29/2015
0001341802		FANTASTIKE ALL PURPOSE CLEANER	32	OZ	05/29/2015
0001311445		Multipurpose Grease	14.1	OZ	05/29/2015
0001311447		Multipurpose Grease	14.1		05/29/2015

Barcode	CAS#	Chemical Name	Container	Unit of	Date
0001311498		ANTIFREEZE/COOLANT	Size	Measure gal	05/29/2015
0001311498		ANTIFREEZE/COOLANT ANTIFREEZE/COOLANT		gal	05/29/2015
0001311497		synthetic 4-cycle engine oil		qt	05/29/2015
0001311430		Multipurpose Grease	14.1		05/29/2015
0001311443	1310-73-2	Sodium Hydroxide 25%	3400		05/29/2015
0001382332	1310-73-2	synthetic 4-cycle engine oil		qt	05/29/2015
0001311453		Multipurpose Grease	14.1	•	05/29/2015
0001311454		Multipurpose Grease Multipurpose Grease	14.1		05/29/2015
0001311456		Multipurpose Grease	14.1		05/29/2015
0001311457		Multipurpose Grease	14.1		05/29/2015
0001311458		Multipurpose Grease	14.1		05/29/2015
0001280581		FS-ONE	300	ml	05/29/2015
0001280382		Mobil Machine Tool Long Life Coolant	5	gal	05/29/2015
0001280381		Mobil Machine Tool Long Life Coolant	5	gal	05/29/2015
0001311490		DRY FILM MOLY LUBRICANT LU 200	11	OZ	05/29/2015
0001280586		FS-ONE	300	ml	05/29/2015
0001280584		FS-ONE	300	ml	05/29/2015
0001280582		FS-ONE	300	ml	05/29/2015
0001280580		FS-ONE	300	ml	05/29/2015
0001280579		FS-ONE	300	ml	05/29/2015
0001280578		FS-ONE	300	ml	05/29/2015
0001280577		FS-ONE	300	ml	05/29/2015
0001280576		FS-ONE	300		05/29/2015
0001280583		FS-ONE	300	ml	05/29/2015
0001280377		FS-ONE HIGH PERFORMANCE INTUMESCENT FIRE STOP SEALANT	300	ml	05/29/2015
0001311487		15w40 motor oil	1	gal	05/29/2015
0001280370		FS-ONE HIGH PERFORMANCE INTUMESCENT FIRE STOP SEALANT	300	ml	05/29/2015
0001280371		FS-ONE HIGH PERFORMANCE INTUMESCENT FIRE STOP SEALANT	300	ml	05/29/2015
0001280372		FS-ONE HIGH PERFORMANCE INTUMESCENT FIRE STOP SEALANT	300	ml	05/29/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001280373		FS-ONE HIGH PERFORMANCE INTUMESCENT FIRE STOP SEALANT	300	ml	05/29/2015
0001280369		FS-ONE HIGH PERFORMANCE INTUMESCENT FIRE STOP SEALANT	300	ml	05/29/2015
0001280376		FS-ONE HIGH PERFORMANCE INTUMESCENT FIRE STOP SEALANT	300	ml	05/29/2015
0001311488		15w40 motor oil	1	gal	05/29/2015
0001280378		FS-ONE HIGH PERFORMANCE INTUMESCENT FIRE STOP SEALANT	300	ml	05/29/2015
0001280379		FS-ONE HIGH PERFORMANCE INTUMESCENT FIRE STOP SEALANT	300	ml	05/29/2015
0001280380		FS-ONE HIGH PERFORMANCE INTUMESCENT FIRE STOP SEALANT	300	ml	05/29/2015
0001280374		FS-ONE HIGH PERFORMANCE INTUMESCENT FIRE STOP SEALANT	300	ml	05/29/2015
0001280585		FS-ONE	300	ml	05/29/2015
0001311478		DX-111/M ATF	1	qt	05/29/2015
0001280375		FS-ONE HIGH PERFORMANCE INTUMESCENT FIRE STOP SEALANT	300	ml	05/29/2015
0001311485		80W 90 GEAR OIL		qt	05/29/2015
0001280384		MOBIL VACTRA OIL NO. 2		gal	05/29/2015
0001280590		SIMPLE GREEN		OZ	05/29/2015
0001280589		SIMPLE GREEN		OZ	05/29/2015
0001280591		SIMPLE GREEN		OZ	05/29/2015
0001280592 0001280588		SIMPLE GREEN SIMPLE GREEN		OZ OZ	05/29/2015 05/29/2015
0001280593		SIMPLE GREEN	-	OZ OZ	05/29/2015
0001280594		SIMPLE GREEN	-	OZ	05/29/2015
0001280595		SIMPLE GREEN		OZ	05/29/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001280596		SIMPLE GREEN	24	OZ	05/29/2015
0001280587		SIMPLE GREEN	24	OZ	05/29/2015
0001280597		SIMPLE GREEN	24	OZ	05/29/2015
0001280598		SIMPLE GREEN	24	OZ	05/29/2015
0001311476		DX-111/M ATF		qt	05/29/2015
0001311479		DX-111/M ATF		qt	05/29/2015
0001311480		SAE 30 MOTOR OIL		qt	05/29/2015
0001311481		AIR TOOL OIL		OZ	05/29/2015
0001280599		BLASOCUT 2000		gal	05/29/2015
0001311482		80W 90 GEAR OIL		qt	05/29/2015
0001311486		80W 90 GEAR OIL		qt	05/29/2015
0001311477		DX-111/M ATF		qt	05/29/2015
0001311484		80W 90 GEAR OIL	1	qt	05/29/2015
0001311475		ULTRA BLACK GASKET MAKER	3.35	oz	05/29/2015
0001311474		ULTRA BLACK GASKET MAKER	3.35	OZ	05/29/2015
0001311473		193 GLOSS BLACK CHASSIS & GRILLE GUARD PAINT	12	OZ	05/29/2015
0001311483		80W 90 GEAR OIL	1	qt	05/29/2015
0001327440	7697-37-2	NITRIC ACID, TRACEMETAL	500	ml	06/01/2015
0001341883	139-13-9	NITRILOTRIACETIC ACID	500	gm	06/01/2015
0001327439	7697-37-2	NITRIC ACID, TRACEMETAL	500	ml	06/01/2015
0001341882	1314-98-3	ZINC SULFIDE	25	gm	06/01/2015
0001341880	1282-37-7	FERROCENIUM TETRAFLUOROBORATE	5	gm	06/01/2015
0001341879	1282-37-7	FERROCENIUM TETRAFLUOROBORATE	5	gm	06/01/2015
0001341878	301-10-0	TIN (II) 2-ETHYLHEXANOATE	100	gm	06/01/2015
0001341877	1898-66-4	2,2-DIPHENYL-1- PICRYLHYDRAZYLHYDRATE		gm	06/01/2015
0001362444	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/01/2015
0001327441	7697-37-2	NITRIC ACID, TRACEMETAL	500	ml	06/01/2015
0001362426	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/01/2015
0001341881	1306-23-6	CADMIUM SULFIDE	20	gm	06/01/2015
0001341895		KODAK MICROFILM DEVELOPER AND REPLENISHER	1	I	06/01/2015
0001327511	7647-01-0	HYDROCHLORIC ACID OPTIMA-34%	1	I	06/01/2015
0001327448	7697-37-2	NITRIC ACID, TRACEMETAL	500	ml	06/01/2015
0001327447	7697-37-2	NITRIC ACID, TRACEMETAL	500		06/01/2015
0001362471		94% ARGON/6% HYDROGEN	220		06/01/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001327446	7697-37-2	NITRIC ACID, TRACEMETAL	500		06/01/2015
0001327445	7697-37-2	NITRIC ACID, TRACEMETAL	500	ml	06/01/2015
0001327444	7697-37-2	NITRIC ACID, TRACEMETAL	500		06/01/2015
0001327443	7697-37-2	NITRIC ACID, TRACEMETAL	500	ml	06/01/2015
0001341898		KODAK MICROFILM DEVELOPER AND REPLENISHER	1	I	06/01/2015
0001341897		KODAK MICROFILM DEVELOPER AND REPLENISHER	1	I	06/01/2015
0001341896		KODAK MICROFILM DEVELOPER AND REPLENISHER	1	I	06/01/2015
0001341876	2648-71-7	3-Bromo-3-methyl-2-butanone	5	gm	06/01/2015
0001341900		FILM DEVELOPER	17	OZ	06/01/2015
0001362428	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/01/2015
0001327442	7697-37-2	NITRIC ACID, TRACEMETAL	500	ml	06/01/2015
0001362436	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/01/2015
0001362435	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/01/2015
0001362434	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/01/2015
0001362433	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/01/2015
0001362432	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/01/2015
0001341871	1310-73-2	SODIUM HYDROXIDE	3	kg	06/01/2015
0001362430	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/01/2015
0001362472		94% ARGON/6% HYDROGEN	220	cf	06/01/2015
0001362429	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/01/2015
0001362443	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/01/2015
0001362427	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/01/2015
0001362425	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/01/2015
0001341890		ULTRA GRADE 19 OIL	1	I	06/01/2015
0001362445	7440-37-1	ARGON, COMPRESSED	220	cf	06/01/2015
0001362431	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/01/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001362400		P-10 (90% ARGON 10% METHANE)	220	cf	06/01/2015
0001362470		94% ARGON/6% HYDROGEN	220	cf	06/01/2015
0001362414		P-10 (90% ARGON 10% METHANE)	220	cf	06/01/2015
0001362413		P-10 (90% ARGON 10% METHANE)	220	cf	06/01/2015
0001362412		P-10 (90% ARGON 10% METHANE)	220	cf	06/01/2015
0001362411		P-10 (90% ARGON 10% METHANE)	220	cf	06/01/2015
0001362410		P-10 (90% ARGON 10% METHANE)	220	cf	06/01/2015
0001362408		P-10 (90% ARGON 10% METHANE)	220	cf	06/01/2015
0001362407		P-10 (90% ARGON 10% METHANE)	220	cf	06/01/2015
0001362406		P-10 (90% ARGON 10% METHANE)	220	cf	06/01/2015
0001362405		P-10 (90% ARGON 10% METHANE)	220	cf	06/01/2015
0001362404		P-10 (90% ARGON 10% METHANE)	220	cf	06/01/2015
0001362403		P-10 (90% ARGON 10% METHANE)	220	cf	06/01/2015
0001362446	7440-37-1	ARGON, COMPRESSED	220	cf	06/01/2015
0001362401		P-10 (90% ARGON 10% METHANE)	220	cf	06/01/2015
0001362447	7440-37-1	ARGON, COMPRESSED	220	cf	06/01/2015
0001362399		P-10 (90% ARGON 10% METHANE)	220	cf	06/01/2015
0001362398		P-10 (90% ARGON 10% METHANE)	220	cf	06/01/2015
0001362397		P-10 (90% ARGON 10% METHANE)	220	cf	06/01/2015
0001362396		P-10 (90% ARGON 10% METHANE)	220	cf	06/01/2015
0001362395		P-10 (90% ARGON 10% METHANE)	220	cf	06/01/2015
0001362394		P-10 (90% ARGON 10% METHANE)	220	cf	06/01/2015
0001362393		P-10 (90% ARGON 10% METHANE)	220	cf	06/01/2015
0001341766	9004-67-5	METHYL CELLULOSE	500		06/01/2015
0001341885	8014-95-7	SULFURIC ACID, FUMING	500	gm	06/01/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001341886	85-41-6	PHTHALIMIDE, 98%	100	gm	06/01/2015
0001341887	7789-23-3	POTASSIUM FLUORIDE, ANHYDROUS	25	gm	06/01/2015
0001341889	7775-41-9	SILVER (I) FLUORIDE	25	gm	06/01/2015
0001362402		P-10 (90% ARGON 10% METHANE)	220	cf	06/01/2015
0001341764	78-50-2	TRIOCTYLPHOSPHINE OXIDE	100	gm	06/01/2015
0001362441	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/01/2015
0001362440	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/01/2015
0001362439	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/01/2015
0001362438	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/01/2015
0001362469		94% ARGON/6% HYDROGEN	220	cf	06/01/2015
0001389313		GERIN NEUTRAL SOLUTION	1	qt	06/01/2015
0001327512	7647-01-0	HYDROCHLORIC ACID OPTIMA-34%	1	I	06/01/2015
0001327513	7647-01-0	HYDROCHLORIC ACID OPTIMA-34%	1	I	06/01/2015
0001327514	7647-01-0	HYDROCHLORIC ACID OPTIMA-34%	1	I	06/01/2015
0001327515	7647-01-0	HYDROCHLORIC ACID OPTIMA-34%	1	I	06/01/2015
0001327516	7647-01-0	HYDROCHLORIC ACID OPTIMA-34%	1	l	06/01/2015
0001341761	2065-66-9	METHYLTRIPHENYLPHOSPHONIUM IODIDE	5	gm	06/01/2015
0001362415	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/01/2015
0001341763	1449-46-3	BENZYLTRIPHERYLPHOSPHONIUM BROMIDE	50	gm	06/01/2015
0001362442	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/01/2015
0001341765	21524-34-5	1-BROMO-2,4,6-TRIISOPROPYLBENZENE	25	gm	06/01/2015
0001362458	7440-37-1	ARGON, COMPRESSED	220	cf	06/01/2015
0001362457	7440-37-1	ARGON, COMPRESSED	220		06/01/2015
0001362456	7440-37-1	ARGON, COMPRESSED	220		06/01/2015
0001362455	7440-37-1	ARGON, COMPRESSED	220		06/01/2015
0001362454	7440-37-1	ARGON, COMPRESSED	220		06/01/2015
0001362453 0001362452	7440-37-1 7440-37-1	ARGON, COMPRESSED ARGON, COMPRESSED	220 220		06/01/2015 06/01/2015
0001362452	7440-37-1	ARGON, COMPRESSED	220		06/01/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001362450	7440-37-1	ARGON, COMPRESSED	220		06/01/2015
0001362449	7440-37-1	ARGON, COMPRESSED	220		06/01/2015
0001362448	7440-37-1	ARGON, COMPRESSED	220	cf	06/01/2015
0001341762	2065-66-9	METHYLTRIPHENYLPHOSPHONIUM IODIDE		gm	06/01/2015
0001341744		NITRAVER REAGENT	50	ml	06/01/2015
0001341859		DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	gm	06/01/2015
0001341860	4731-53-7	TRIOCTYLPHOSPHINE	500	ml	06/01/2015
0001341861	6711-48-4	3,3'-IMINOBIS(N,N- DIMETHYLPROPYLAMINE)	100	ml	06/01/2015
0001341862		CONDUCTIVE SILVER PAINT	31.1	gm	06/01/2015
0001341863		PLATINUM PAINT THINNER	30	ml	06/01/2015
0001341864		PLATINUM PAINT FOR HIGH TEMPERATURE APPLICATIONS	10	gm	06/01/2015
0001341736		EXPULSION SOLUTION AMTAX	27	ml	06/01/2015
0001341737		EXPULSION SOLUTION AMTAX	27	ml	06/01/2015
0001341738		EXPULSION SOLUTION AMTAX	27	ml	06/01/2015
0001341739		EXPULSION SOLUTION AMTAX	27	ml	06/01/2015
0001341740		EXPULSION SOLUTION AMTAX	27	ml	06/01/2015
0001341741		EXPULSION SOLUTION AMTAX	27	ml	06/01/2015
0001362370	74-98-6	PROPANE	11	gal	06/01/2015
0001341743		EXPULSION SOLUTION AMTAX	27	ml	06/01/2015
0001341856		DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	gm	06/01/2015
0001341745		NITRAVER REAGENT	50	ml	06/01/2015
0001341746		NITRAVER REAGENT		ml	06/01/2015
0001362460		94% ARGON/6% HYDROGEN	220	cf	06/01/2015
0001362409		P-10 (90% ARGON 10% METHANE)	220	cf	06/01/2015
0001341901		FILM DEVELOPER	17	OZ	06/01/2015
0001341902		FILM DEVELOPER	17	OZ	06/01/2015
0001341903		FILM DEVELOPER	17	OZ	06/01/2015
0001341905	7440-32-6	TITANIUM	12	gm	06/01/2015
0001341906	1313-85-5	SODIUM SELENIDE	1	gm	06/01/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001341907	1313-85-5	SODIUM SELENIDE		gm	06/01/2015
0001362365		Oxygen, Nitrogen	58	I	06/01/2015
0001362368	74-98-6	PROPANE	11	gal	06/01/2015
0001389315		GERIN NEUTRAL SOLUTION	1	qt	06/01/2015
0001341742		EXPULSION SOLUTION AMTAX	27	ml	06/01/2015
0001341844	6074-84-6	Tantalum (V) Ethoxide	50	gm	06/01/2015
0001341747		NITRAVER REAGENT	50	ml	06/01/2015
0001341748		NITRAVER REAGENT	50	ml	06/01/2015
0001341749		NITRAVER REAGENT	50	ml	06/01/2015
0001341750		NITRAVER REAGENT	50	ml	06/01/2015
0001341751		NITRAVER REAGENT	50	ml	06/01/2015
0001341752		NITRAVER REAGENT	50	ml	06/01/2015
0001341753		NITRAVER REAGENT	50	ml	06/01/2015
0001341754		NITROGEN AMMONIA STANDARD	500	ml	06/01/2015
0001341755		NITROGEN AMMONIA STANDARD	500	ml	06/01/2015
0001341756		NITROGEN AMMONIA STANDARD	500	ml	06/01/2015
0001341757		NITROGEN AMMONIA STANDARD	500	ml	06/01/2015
0001341758		NITROGEN AMMONIA STANDARD	500	ml	06/01/2015
0001341759		NITROGEN AMMONIA STANDARD	500	ml	06/01/2015
0001341858		DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	gm	06/01/2015
0001341850	1310-73-2	SODIUM HYDROXIDE	3	kg	06/01/2015
0001362371	74-98-6	PROPANE		gal	06/01/2015
0001341855		DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS		gm	06/01/2015
0001341854		DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	gm	06/01/2015
0001341853		DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	gm	06/01/2015
0001341852		DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	gm	06/01/2015
0001341760	109-55-7	3-(Dimethylamino)-1-propylamine	25	ml	06/01/2015

Barcode	CAS#	Chemical Name	Container	Unit of	Date
			Size	Measure	
0001341851	1310-73-2	SODIUM HYDROXIDE		kg	06/01/2015
0001341843	6074-84-6	Tantalum (V) Ethoxide		gm	06/01/2015
0001341849	1310-73-2	SODIUM HYDROXIDE		kg	06/01/2015
0001341848	1310-73-2	SODIUM HYDROXIDE		kg	06/01/2015
0001341847	6074-84-6	Tantalum (V) Ethoxide		gm	06/01/2015
0001341846	6074-84-6	Tantalum (V) Ethoxide		gm	06/01/2015
0001341845	6074-84-6	Tantalum (V) Ethoxide	50	gm	06/01/2015
0001341857		DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	gm	06/01/2015
0001362383	74-98-6	PROPANE	5	gal	06/01/2015
0001389312		GERIN NEUTRAL SOLUTION	1	qt	06/01/2015
0001362369	74-98-6	PROPANE	11	gal	06/01/2015
0001341868	1310-73-2	SODIUM HYDROXIDE	3	kg	06/01/2015
0001341867	57-50-1	D(+)-SUCROSE	2.5	kg	06/01/2015
0001341866	7647-14-5	SODIUM CHLORIDE CERTIFIED ACS		kg	06/01/2015
0001341865	7440-22-4	COLLODIAL SILVER	30	ml	06/01/2015
0001341872	7722-84-1	HYDROGEN PEROXIDE, 30% SOLUTION	100	ml	06/01/2015
0001341873	1310-73-2	SODIUM HYDROXIDE 50%	500	ml	06/01/2015
0001341874	5343-92-0	1,2-Pentanediol	500	ml	06/01/2015
0001389306		GERIN NEUTRAL SOLUTION	1	qt	06/01/2015
0001389307		GERIN NEUTRAL SOLUTION	1	qt	06/01/2015
0001389308		GERIN NEUTRAL SOLUTION	1	qt	06/01/2015
0001389309		GERIN NEUTRAL SOLUTION	1	qt	06/01/2015
0001362423	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/01/2015
0001389311		GERIN NEUTRAL SOLUTION	1	qt	06/01/2015
0001362422	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/01/2015
0001389314		GERIN NEUTRAL SOLUTION	1	qt	06/01/2015
0001362437	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/01/2015
0001389316		GERIN NEUTRAL SOLUTION	1	qt	06/01/2015
0001389317		GERIN NEUTRAL SOLUTION		qt	06/01/2015
0001389318		GERIN NEUTRAL SOLUTION		qt	06/01/2015
0001389319		GERIN NEUTRAL SOLUTION		qt	06/01/2015
0001389320		GERIN NEUTRAL SOLUTION		qt	06/01/2015
0001389321		GERIN NEUTRAL SOLUTION		qt	06/01/2015
0001389322		GERIN NEUTRAL SOLUTION		qt	06/01/2015
0001389323		GERIN NEUTRAL SOLUTION		qt	06/01/2015
0001389324		GERIN NEUTRAL SOLUTION	-	qt	06/01/2015
0001389325		GERIN NEUTRAL SOLUTION		qt	06/01/2015

Barcode	CAS#	Chemical Name	Container	Unit of	Date
Darcode	e, 15 !!	Circinical Name	Size	Measure	Dute
0001341875	2648-71-7	3-Bromo-3-methyl-2-butanone	5	gm	06/01/2015
0001389310		GERIN NEUTRAL SOLUTION	1	qt	06/01/2015
0001362375	74-98-6	PROPANE	11	gal	06/01/2015
0001362372	74-98-6	PROPANE	11	gal	06/01/2015
0001341870	1310-73-2	SODIUM HYDROXIDE	3	kg	06/01/2015
0001341869	1310-73-2	SODIUM HYDROXIDE	3	kg	06/01/2015
0001362373	74-98-6	PROPANE		gal	06/01/2015
0001362468		94% ARGON/6% HYDROGEN	220	cf	06/01/2015
0001362467		94% ARGON/6% HYDROGEN	220	cf	06/01/2015
0001362466		94% ARGON/6% HYDROGEN	220		06/01/2015
0001362465		94% ARGON/6% HYDROGEN	220	cf	06/01/2015
0001362464		94% ARGON/6% HYDROGEN	220		06/01/2015
0001362463		94% ARGON/6% HYDROGEN	220		06/01/2015
0001362462		94% ARGON/6% HYDROGEN	220		06/01/2015
0001362461		94% ARGON/6% HYDROGEN	220		06/01/2015
0001362459	7440-37-1	ARGON, COMPRESSED	220		06/01/2015
0001362424	7727-37-9	NITROGEN, COMPRESSED GAS	220		06/01/2015
0001362381	74-98-6	PROPANE	11	gal	06/01/2015
0001362421	7727-37-9	NITROGEN, COMPRESSED GAS	220		06/01/2015
0001362420	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/01/2015
0001362419	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/01/2015
0001362418	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/01/2015
0001362417	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/01/2015
0001362385		P-10 (90% ARGON 10% METHANE)	220	cf	06/01/2015
0001362374	74-98-6	PROPANE	11	gal	06/01/2015
0001362380	74-98-6	PROPANE		gal	06/01/2015
0001362379	74-98-6	PROPANE	11	gal	06/01/2015
0001362378	74-98-6	PROPANE		gal	06/01/2015
0001362377	74-98-6	PROPANE		gal	06/01/2015
0001362376	74-98-6	PROPANE		gal	06/01/2015
0001341899		KODAK MICROFILM DEVELOPER AND REPLENISHER	1		06/01/2015
0001362416	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/01/2015
0001362473		94% ARGON/6% HYDROGEN	220	cf	06/01/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001362389		P-10 (90% ARGON 10% METHANE)	220	cf	06/01/2015
0001362474		94% ARGON/6% HYDROGEN	220	cf	06/01/2015
0001362390		P-10 (90% ARGON 10% METHANE)	220	cf	06/01/2015
0001362391		P-10 (90% ARGON 10% METHANE)	220	cf	06/01/2015
0001341888	23978-09-8	KRYPTOFIX 222	5	gm	06/01/2015
0001341894		KODAK MICROFILM DEVELOPER AND REPLENISHER	1		06/01/2015
0001362392		P-10 (90% ARGON 10% METHANE)	220	cf	06/01/2015
0001362388		P-10 (90% ARGON 10% METHANE)	220	cf	06/01/2015
0001341904	7440-32-6	TITANIUM	12	gm	06/01/2015
0001341893		ULTRA GRADE 19 OIL	1		06/01/2015
0001341892		ULTRA GRADE 19 OIL	1	I	06/01/2015
0001341891		ULTRA GRADE 19 OIL	1	I	06/01/2015
0001362367	74-98-6	PROPANE	11	gal	06/01/2015
0001362382	74-98-6	PROPANE	5	gal	06/01/2015
0001362384	74-98-6	PROPANE		gal	06/01/2015
0001362386		P-10 (90% ARGON 10% METHANE)	220		06/01/2015
0001362387		P-10 (90% ARGON 10% METHANE)	220	cf	06/01/2015
0001362366		Oxygen, Nitrogen	58	I	06/01/2015
0001389330	1310-58-3	Gerin KOH Ampules	1	I	06/02/2015
0001362483	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	ı	06/02/2015
0001148945	5182-30-9	Trisodium Naphthalene-1,3,6-trisulfonate Hydrate	50	gm	06/02/2015
0001389328	1310-58-3	Gerin KOH Ampules	1	I	06/02/2015
0001362481	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	06/02/2015
0001362484	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	06/02/2015
0001362482	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	06/02/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001362486	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	250	I	06/02/2015
0001362479	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	06/02/2015
0001334958	7732-18-5	Hydrochloric Acid 30-31%	3000	lb	06/02/2015
0001389329	1310-58-3	Gerin KOH Ampules	1	I	06/02/2015
0001309143		DISINFECTANT SPRAY	12.5	OZ	06/02/2015
0001389327	1310-58-3	Gerin KOH Ampules	1	I	06/02/2015
0001362480	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	06/02/2015
0001311505		PREMIUM HYDRAULIC FLUID AW-68	5	gal	06/02/2015
0001362485	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	06/02/2015
0001389326	1310-58-3	Gerin KOH Ampules	1	I	06/02/2015
0001389461		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	5	gal	06/03/2015
0001389455		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	5	gal	06/03/2015
0001389456		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	5	gal	06/03/2015
0001389457		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	5	gal	06/03/2015
0001389458		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	5	gal	06/03/2015
0001389460		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	5	gal	06/03/2015
0001389454		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	5	gal	06/03/2015
0001311521		193 GLOSS BLACK CHASSIS & GRILLE GUARD PAINT	12	oz	06/03/2015
0001389459		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	5	gal	06/03/2015
0001389453		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	5	gal	06/03/2015
0001389452		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	5	gal	06/03/2015
0001389421		LAMP BLACK COLORANT	1	qt	06/03/2015
0001389502		ELECTRO-CLEAN	16	OZ	06/03/2015
0001389503		ELECTRO-CLEAN	16	OZ	06/03/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001389462		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	5	gal	06/03/2015
0001311520		193 GLOSS BLACK CHASSIS & GRILLE GUARD PAINT	12	OZ	06/03/2015
0001389469		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	5	gal	06/03/2015
0001311522		193 GLOSS BLACK CHASSIS & GRILLE GUARD PAINT	12	OZ	06/03/2015
0001389504		ELECTRO-CLEAN	16	oz	06/03/2015
0001389471		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	5	gal	06/03/2015
0001389486		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	1	gal	06/03/2015
0001389485		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	1	gal	06/03/2015
0001389484		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	1	gal	06/03/2015
0001389483		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	1	gal	06/03/2015
0001389482		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	1	gal	06/03/2015
0001389481		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	1	gal	06/03/2015
0001389475		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	5	gal	06/03/2015
0001389474		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	5	gal	06/03/2015
0001389500		ELECTRO-CLEAN	16	oz	06/03/2015
0001389472		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	5	gal	06/03/2015
0001389463		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	5	gal	06/03/2015
0001389470		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	5	gal	06/03/2015
0001311516		MULTI-PURPOSE GREASE	14.1	oz	06/03/2015
0001389468		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	5	gal	06/03/2015
0001311523		DIELECTRIC TUNE-UP GREASE	3	oz	06/03/2015
0001389501		ELECTRO-CLEAN	16	OZ	06/03/2015
0001389467		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	5	gal	06/03/2015
0001389466		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	5	gal	06/03/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001389465		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	5	gal	06/03/2015
0001389464		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	5	gal	06/03/2015
0001389473		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	5	gal	06/03/2015
0001148946	5182-30-9	Trisodium Naphthalene-1,3,6-trisulfonate Hydrate	25	gm	06/03/2015
0001389495		ELECTRO-CLEAN	16	OZ	06/03/2015
0001311549		ULTRA-LOW VOC BRAKLEEN	14	OZ	06/03/2015
0001311550		ULTRA-LOW VOC BRAKLEEN	14	OZ	06/03/2015
0001311551		ULTRA-LOW VOC BRAKLEEN	14	OZ	06/03/2015
0001311552		ULTRA-LOW VOC BRAKLEEN	14	OZ	06/03/2015
0001311529		STARTING FLUID	10.7	OZ	06/03/2015
0001311530		WD-40 NON-AEROSOL	20	OZ	06/03/2015
0001311531		WD-40 NON-AEROSOL	20	OZ	06/03/2015
0001311519		SANDABLE PRIMER	12	OZ	06/03/2015
0001311518		SANDABLE PRIMER	12	OZ	06/03/2015
0001389498		ELECTRO-CLEAN	16	OZ	06/03/2015
0001389441		ORANGE PEEL SPRAY ON TEXTURE, WATER BASED	25	OZ	06/03/2015
0001389442		ORANGE PEEL SPRAY ON TEXTURE, WATER BASED	25	OZ	06/03/2015
0001389444		BIG STRETCH CAULK	10.5	OZ	06/03/2015
0001389445		BIG STRETCH CAULK	10.5	OZ	06/03/2015
0001389446		BIG STRETCH CAULK	10.5	OZ	06/03/2015
0001389447		BIG STRETCH CAULK	10.5	OZ	06/03/2015
0001389448		BIG STRETCH CAULK	10.5	OZ	06/03/2015
0001389422		LAMP BLACK COLORANT	1	qt	06/03/2015
0001389493		ELECTRO-CLEAN		OZ	06/03/2015
0001311511		MULTI-PURPOSE GREASE	14.1	OZ	06/03/2015
0001311526		GASKET AND JOINT COMPOUND	1.69	oz	06/03/2015
0001311527		BATTERY CLEANER	11	OZ	06/03/2015
0001311528		ULTRA-LOW VOC BRAKLEEN	14	OZ	06/03/2015
0001311524		ULTRA BLACK GASKET MAKER	3.35	OZ	06/03/2015
0001389494		ELECTRO-CLEAN	16	OZ	06/03/2015
0001311517		PREMIUM ENAMEL FLAT BLACK	12	oz	06/03/2015
0001311515		MULTI-PURPOSE GREASE	14.1	OZ	06/03/2015
0001311514		MULTI-PURPOSE GREASE	14.1		06/03/2015
0001389496		ELECTRO-CLEAN		OZ	06/03/2015
0001311512	1	MULTI-PURPOSE GREASE	14.1		06/03/2015
0001389497		ELECTRO-CLEAN		OZ	06/03/2015

			Container	Unit of	
Barcode	CAS#	Chemical Name	Size	Measure	Date
0001311510		MULTI-PURPOSE GREASE	14.1	oz	06/03/2015
0001311509		MULTI-PURPOSE GREASE	14.1	OZ	06/03/2015
0001311508		MULTI-PURPOSE GREASE	14.1	oz	06/03/2015
0001311507		MULTI-PURPOSE GREASE	14.1	oz	06/03/2015
0001311506		MULTI-PURPOSE GREASE	14.1	oz	06/03/2015
0001389424		LAMP BLACK COLORANT	1	qt	06/03/2015
0001389423		LAMP BLACK COLORANT	1	qt	06/03/2015
0001389499		ELECTRO-CLEAN	16	OZ	06/03/2015
0001311525		ULTRA BLACK GASKET MAKER	3.35	oz	06/03/2015
0001311513		MULTI-PURPOSE GREASE	14.1	OZ	06/03/2015
0004300440		ORANGE PEEL SPRAY ON TEXTURE,	25		06/02/2045
0001389440		WATER BASED	25	OZ	06/03/2015
0001389400		BIG STRETCH CAULK	10.5	OZ	06/03/2015
0001389395		BIG STRETCH CAULK	10.5	oz	06/03/2015
0001389391		BIG STRETCH CAULK	10.5	oz	06/03/2015
0001389477		PERMACRYL INTERIOR FLAT MIDTONE BASE	1	gal	06/03/2015
0001389478		PERMACRYL INTERIOR FLAT MIDTONE BASE	1	gal	06/03/2015
0001389392		BIG STRETCH CAULK	10.5	OZ	06/03/2015
0001389393		BIG STRETCH CAULK	10.5		06/03/2015
0001389394		BIG STRETCH CAULK	10.5		06/03/2015
0001389405		BIG STRETCH CAULK	10.5		06/03/2015
0001389487		PERMACRYL INTERIOR FLAT WHITE BASE DF-1531	1	gal	06/03/2015
0001389439		ORANGE PEEL SPRAY ON TEXTURE, WATER BASED	25	OZ	06/03/2015
0001389430		ORANGE PEEL SPRAY ON TEXTURE, WATER BASED	25	OZ	06/03/2015
0001389489		PERMACRYL INTERIOR SEMI-GLOSS WHITE BASE	1	gal	06/03/2015
0001389479		PERMACRYL INTERIOR FLAT MIDTONE BASE	1	gal	06/03/2015
0001389398		BIG STRETCH CAULK	10.5	oz	06/03/2015
0001389406		BIG STRETCH CAULK	10.5		06/03/2015
0001389396		BIG STRETCH CAULK	10.5		06/03/2015
0001389404		BIG STRETCH CAULK	10.5		06/03/2015
0001389403		BIG STRETCH CAULK	10.5		06/03/2015
0001389402		BIG STRETCH CAULK	10.5		06/03/2015
0001389401		BIG STRETCH CAULK	10.5		06/03/2015
0001389399		BIG STRETCH CAULK	10.5		06/03/2015
0001389397		BIG STRETCH CAULK	10.5		06/03/2015
0001389407		BIG STRETCH CAULK	10.5		06/03/2015
0001389418		BIG STRETCH CAULK	10.5		06/03/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001389410		BIG STRETCH CAULK	10.5	OZ	06/03/2015
0001389411		BIG STRETCH CAULK	10.5	OZ	06/03/2015
0001389412		BIG STRETCH CAULK	10.5		06/03/2015
0001389413		BIG STRETCH CAULK	10.5	OZ	06/03/2015
0001389414		BIG STRETCH CAULK	10.5		06/03/2015
0001389415		BIG STRETCH CAULK	10.5	OZ	06/03/2015
0001389390		BIG STRETCH CAULK	10.5	OZ	06/03/2015
0001389417		BIG STRETCH CAULK	10.5		06/03/2015
0001389388		BIG STRETCH CAULK	10.5	OZ	06/03/2015
0001389419		BIG STRETCH CAULK	10.5	OZ	06/03/2015
0001389432		ORANGE PEEL SPRAY ON TEXTURE, WATER BASED	25	oz	06/03/2015
0001389426		ORANGE PEEL SPRAY ON TEXTURE, WATER BASED	25	oz	06/03/2015
0001389438		ORANGE PEEL SPRAY ON TEXTURE, WATER BASED	25	OZ	06/03/2015
0001389428		ORANGE PEEL SPRAY ON TEXTURE, WATER BASED	25	OZ	06/03/2015
0001389429		ORANGE PEEL SPRAY ON TEXTURE, WATER BASED	25	OZ	06/03/2015
0001389389		BIG STRETCH CAULK	10.5	oz	06/03/2015
0001389416		BIG STRETCH CAULK	10.5	OZ	06/03/2015
0001389385		PERMACRYL EXTERIOR SEMI-GLOSS WHITE BASE	1	gal	06/03/2015
0001389490		PERMACRYL INTERIOR SEMI-GLOSS WHITE BASE	1	gal	06/03/2015
0001389491		PERMACRYL INTERIOR SEMI-GLOSS WHITE BASE	1	gal	06/03/2015
0001389492		PERMACRYL INTERIOR SEMI-GLOSS WHITE BASE	1	gal	06/03/2015
0001389450		PERMACRYL INTERIOR FLAT MIDTONE BASE	1	gal	06/03/2015
0001389373		PERMACRYL eggshell white INTERIOR ACRYLIC DE-1531	5	gal	06/03/2015
0001389374		PERMACRYL eggshell white INTERIOR ACRYLIC DE-1531	5	gal	06/03/2015
0001389375		PERMACRYL eggshell white INTERIOR ACRYLIC DE-1531	5	gal	06/03/2015
0001389409		BIG STRETCH CAULK	10.5	oz	06/03/2015
0001389384		PERMACRYL EXTERIOR SEMI-GLOSS WHITE BASE	1	gal	06/03/2015
0001389408		BIG STRETCH CAULK	10.5	OZ	06/03/2015
0001389386		PERMACRYL EXTERIOR SEMI-GLOSS WHITE BASE	1	gal	06/03/2015
0001389378		BIG STRETCH CAULK	10.5	OZ	06/03/2015

			Container	Unit of	
Barcode	CAS#	Chemical Name	Size	Measure	Date
0001389379		BIG STRETCH CAULK	10.5	oz	06/03/2015
0001389380		BIG STRETCH CAULK	10.5	oz	06/03/2015
0001389381		BIG STRETCH CAULK	10.5	oz	06/03/2015
0001389382		BIG STRETCH CAULK	10.5	oz	06/03/2015
0001389427		ORANGE PEEL SPRAY ON TEXTURE,	25	OZ	06/02/2015
0001389427		WATER BASED	25	02	06/03/2015
0001389376		PERMACRYL eggshell white INTERIOR		gal	06/03/2015
0001389376		ACRYLIC DE-1531	5	gal	00/03/2013
0001389420		BIG STRETCH CAULK	10.5	oz	06/03/2015
0001389437		ORANGE PEEL SPRAY ON TEXTURE,	25	OZ	06/03/2015
0001389437		WATER BASED	25	02	00/03/2013
0001389436		ORANGE PEEL SPRAY ON TEXTURE,	25	OZ	06/03/2015
0001389430		WATER BASED	25	02	00/03/2013
0001389435		ORANGE PEEL SPRAY ON TEXTURE,	25	OZ	06/02/2015
0001389435		WATER BASED	25	02	06/03/2015
0001390434		ORANGE PEEL SPRAY ON TEXTURE,	25	OZ	06/02/2015
0001389434		WATER BASED	25	02	06/03/2015
0001389433		ORANGE PEEL SPRAY ON TEXTURE,	25	OZ	06/02/2015
0001389433		WATER BASED	25	02	06/03/2015
0001300431		ORANGE PEEL SPRAY ON TEXTURE,	25	5 oz	00/02/2015
0001389431		WATER BASED	25	OZ	06/03/2015
0001341908		PHOSPHOROUS	2	gm	06/04/2015
0001327464		DC 3-6559 ACCELERATOR	0.45	kg	06/04/2015
0001327465		DC 3-6559 ACCELERATOR	0.45	kg	06/04/2015
0001327466		DC 3-6559 ACCELERATOR	0.45	kg	06/04/2015
0001327467		DC 3-6559 ACCELERATOR	0.45	kg	06/04/2015
0001327468		DC 3-6559 ACCELERATOR	0.45	kg	06/04/2015
0001327520	15681-89-7	SODIUM BORODEUTERIDE	5	gm	06/04/2015
0001327521	15681-89-7	SODIUM BORODEUTERIDE	5	gm	06/04/2015
0001327523	15681-89-7	SODIUM BORODEUTERIDE		gm	06/04/2015
0001327524	7440-20-2	SCANDIUM METAL		gm	06/04/2015
0001327525	7681-11-0	POTASSIUM IODIDE		gm	06/04/2015
0001311547		CARB AND CHOKE CLEANER	13	oz	06/04/2015
0001327527	10101-63-0	LEAD(II) IODIDE	25	gm	06/04/2015
0001146139		RTV SEALANT (SILICONE RUBBER)	300	ml	06/04/2015
0001382353	1310-73-2	Sodium Hydroxide 25%	3400	lb	06/04/2015
0001382354	1310-73-2	Sodium Hydroxide 25%	3400		06/04/2015
0001382355	1310-73-2	Sodium Hydroxide 25%	3400		06/04/2015
0001382356	1310-73-2	Sodium Hydroxide 25%	3400		06/04/2015
0001382357	1310-73-2	Sodium Hydroxide 25%	3400		06/04/2015
0001311542		DRY FILM MOLY LUBRICANT LU 200		OZ	06/04/2015
0001311543	 	CARB AND CHOKE CLEANER	12	OZ	06/04/2015
0001311543		CARB AND CHOKE CLEANER			06/04/2015
0001311544		CAND AND CHUKE CLEANEK	13	OZ	00/04/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001311545		CARB AND CHOKE CLEANER	13	OZ	06/04/2015
0001327522	15681-89-7	SODIUM BORODEUTERIDE	5	gm	06/04/2015
0001327526	7681-82-5	SODIUM IODIDE	100	gm	06/04/2015
0001311571		MOTOR OIL	_	qt	06/04/2015
0001311532		CHAIN AND CABLE FLUID	11	OZ	06/04/2015
0001311533		CHAIN AND CABLE FLUID	11	OZ	06/04/2015
0001311534		CHAIN AND CABLE FLUID	11	OZ	06/04/2015
0001311535	1	CHAIN AND CABLE FLUID	11	OZ	06/04/2015
0001311537		DRY FILM MOLY LUBRICANT LU 200	11	oz	06/04/2015
0001311538		DRY FILM MOLY LUBRICANT LU 200	11	OZ	06/04/2015
0001311539		DRY FILM MOLY LUBRICANT LU 200	11	oz	06/04/2015
0001311540		DRY FILM MOLY LUBRICANT LU 200	11	OZ	06/04/2015
0001311541		DRY FILM MOLY LUBRICANT LU 200	11	OZ	06/04/2015
0001389512		SPRAY PAINT YELLOW	12	OZ	06/04/2015
0001327463		DC 3-6559 ACCELERATOR	0.45	kg	06/04/2015
0001311572		MOTOR OIL	1	qt	06/04/2015
0001327462		MOBIL RARUS 829	5	gal	06/04/2015
0001311570		MOTOR OIL		qt	06/04/2015
0001311569		MOTOR OIL	1	qt	06/04/2015
0001311568		MOTOR OIL	1	qt	06/04/2015
0001311567		SAE 30 MOTOR OIL	1	qt	06/04/2015
0001311566		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	06/04/2015
0001311565		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	06/04/2015
0001311564		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	06/04/2015
0001311563		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	06/04/2015
0001311562		ATF DEX/MERC AUTOMATIC TRANSMISSION FLUID	1	qt	06/04/2015
0001311536		DRY FILM MOLY LUBRICANT LU 200	11	OZ	06/04/2015
0001311548		CARB AND CHOKE CLEANER	13	OZ	06/04/2015
0001389514		HENRY440	1	gal	06/04/2015
0001389366		Defacer Eraser Graffiti Wipe		gal	06/04/2015
0001311546		CARB AND CHOKE CLEANER	13	OZ	06/04/2015
0001327454	110-54-3	HEXANE HPLC	4	I	06/04/2015
0001327455	144-55-8	SODIUM BICARBONATE	500	gm	06/04/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001327456	53369-71-4	N,N,2,2-TETRAMETHYL-1,3- PROPANEDIAMINE	25	gm	06/04/2015
0001327457	865-49-6	CHLOROFORM-D	100	ml	06/04/2015
0001327458	865-49-6	CHLOROFORM-D	100	ml	06/04/2015
0001327459	865-49-6	CHLOROFORM-D	100	ml	06/04/2015
0001311591		GASKET AND JOINT COMPOUND	1.69	OZ	06/04/2015
0001327460	67-56-1	METHANOL	4	I	06/04/2015
0001327461	67-56-1	METHANOL	4	I	06/04/2015
0001327452	110-54-3	HEXANE HPLC	4	I	06/04/2015
0001389365		Defacer Eraser Graffiti Wipe	1	gal	06/04/2015
0001327451	110-54-3	HEXANE HPLC	4	I	06/04/2015
0001389367		Defacer Eraser Graffiti Wipe	1	gal	06/04/2015
0001389368		Defacer Eraser Graffiti Wipe	1	gal	06/04/2015
0001389369		Defacer Eraser Graffiti Wipe	1	gal	06/04/2015
0001389370		Defacer Eraser Graffiti Wipe	1	gal	06/04/2015
0001389371		Defacer Eraser Graffiti Wipe	1	gal	06/04/2015
0001389361		Enviro Clean SafStrip 8	1	gal	06/04/2015
0001389362		Enviro Clean SafStrip 8	1	gal	06/04/2015
0001389363		Enviro Clean SafStrip 8	1	gal	06/04/2015
0001389359		Sure Klean Marble Poultice	25	lb	06/04/2015
0001146136		RTV SEALANT (SILICONE RUBBER)	300	ml	06/04/2015
0001146137		RTV SEALANT (SILICONE RUBBER)	300	ml	06/04/2015
0001389358		Sure Klean Marble Poultice	25	lb	06/04/2015
0001311583		ANTIFREEZE/COOLANT	1	gal	06/04/2015
0001311553		BATTERY TERMINAL CLEANER	7.5	OZ	06/04/2015
0001311554		DI-ELECTRIC GREASE	3.3	oz	06/04/2015
0001311555		QD ELECTRONIC CLEANER	11	OZ	06/04/2015
0001311556		QD ELECTRONIC CLEANER	11	OZ	06/04/2015
0001311557		STA-BIL FUEL STABILIZER	8	OZ	06/04/2015
0001311558		AIR TOOL OIL	15	OZ	06/04/2015
0001311559		AUTOMATIC TRANSMISSION FLUID	1	qt	06/04/2015
0001311560		AUTOMATIC TRANSMISSION FLUID	1	qt	06/04/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001311561		AUTOMATIC TRANSMISSION FLUID	1	qt	06/04/2015
0001311580		ANTIFREEZE/COOLANT	1	gal	06/04/2015
0001327453	110-54-3	HEXANE HPLC	4	I	06/04/2015
0001311582		ANTIFREEZE/COOLANT	1	gal	06/04/2015
0001146138		RTV SEALANT (SILICONE RUBBER)	300	ml	06/04/2015
0001311584		DIESEL EXHAUST FLUID	2.5	gal	06/04/2015
0001311585		DIESEL EXHAUST FLUID		gal	06/04/2015
0001311586		DIESEL EXHAUST FLUID		gal	06/04/2015
0001311587		DIESEL EXHAUST FLUID	2.5	gal	06/04/2015
0001311588		DIESEL EXHAUST FLUID		gal	06/04/2015
0001311589		DIESEL EXHAUST FLUID	2.5	gal	06/04/2015
0001311590		TRANSMISSION FLUID		gal	06/04/2015
0001311573		THREADLOCKER RED HIGH TEMP	0.34		06/04/2015
0001327449	7487-88-9	MAGNESIUM SULFATE, ANHYDROUS	500	gm	06/04/2015
0001327450	7647-14-5	SODIUM CHLORIDE CERTIFIED ACS	500	gm	06/04/2015
0001311581		ANTIFREEZE/COOLANT	1	gal	06/04/2015
0001389525		HENRY440		gal	06/04/2015
0001389524		HENRY440		gal	06/04/2015
0001389523		HENRY440		gal	06/04/2015
0001389522		HENRY440		gal	06/04/2015
0001389521		HENRY440	1	gal	06/04/2015
0001311577		WINDSHIELD WASHER FLUID	1	gal	06/04/2015
0001389519		HENRY440	1	gal	06/04/2015
0001389526		HENRY440		gal	06/04/2015
0001389516		HENRY440		gal	06/04/2015
0001389520		HENRY440		gal	06/04/2015
0001389515		HENRY440		gal	06/04/2015
0001389517		HENRY440		gal	06/04/2015
0001389536		HENRY440		gal	06/04/2015
0001389518		HENRY440		gal	06/04/2015
0001311575		WINDSHIELD WASHER FLUID		gal	06/04/2015
0001389527		HENRY440	1	gal	06/04/2015
0001311576		WINDSHIELD WASHER FLUID	1	gal	06/04/2015
0001311579		WINDSHIELD WASHER FLUID	1	gal	06/04/2015
0001311578		WINDSHIELD WASHER FLUID	1	gal	06/04/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001389538		HENRY440	1	gal	06/04/2015
0001311574		WINDSHIELD WASHER FLUID	1	gal	06/04/2015
0001389539		HENRY440	1	gal	06/04/2015
0001389537		HENRY440		gal	06/04/2015
0001389535		HENRY440		gal	06/04/2015
0001389534		HENRY440		gal	06/04/2015
0001389533		HENRY440		gal	06/04/2015
0001389532		HENRY440		gal	06/04/2015
0001389531		HENRY440		gal	06/04/2015
0001389530		HENRY440		gal	06/04/2015
0001389529		HENRY440		gal	06/04/2015
0001389528		HENRY440		gal	06/04/2015
0001311603		GEAR LUBRICANT		qt	06/05/2015
0001311602		GEAR LUBRICANT	1	qt	06/05/2015
0001098188	7722-84-1	HYDROGEN PEROXIDE, 30% SOLUTION	100	ml	06/05/2015
0001305044	100-31-2	4,4'-STILBENEDICARBOXYLIC ACID	25	gm	06/05/2015
0000783662		UTEVA RESIN	200	gm	06/05/2015
0000954701	63123-01-3	TETRAETHYLAMMONIUM FLUORIDE HYDRATE	25	gm	06/05/2015
0000720254	67-64-1	ACETONE	8.25	ml	06/05/2015
0000720272	22560-21-0	POTASSIUM TRIETHYLBOROHYDRIDE	100	ml	06/05/2015
0001110564	107667-02-7	DIISOOCTYLDITHIOPHOSPHINIC ACID	100	ml	06/05/2015
0001311601		GEAR LUBRICANT	1	qt	06/05/2015
0001311600		GEAR LUBRICANT		qt	06/05/2015
0001311593		GEAR LUBRICANT	1	qt	06/05/2015
0001341112	108-88-3	TOLUENE	1	I	06/05/2015
0001311592		GEAR LUBRICANT	1	qt	06/05/2015
0001311599		GEAR LUBRICANT	1	qt	06/05/2015
0001311594		GEAR LUBRICANT	1	qt	06/05/2015
0001311595		GEAR LUBRICANT		qt	06/05/2015
0001311596		GEAR LUBRICANT		qt	06/05/2015
0001311597		GEAR LUBRICANT		qt	06/05/2015
0001311598		GEAR LUBRICANT		qt	06/05/2015
0001389633	<u> </u>	ETHANOL 200 PROOF		pt	06/08/2015
0001389625	<u> </u>	ETHANOL 200 PROOF		pt	06/08/2015
0001389626	<u> </u>	ETHANOL 200 PROOF		pt	06/08/2015
0001389627		ETHANOL 200 PROOF		pt	06/08/2015
0001389628	-	ETHANOL 200 PROOF	_	pt	06/08/2015
0001389629		ETHANOL 200 PROOF	1	pt	06/08/2015

			Container	Unit of	
Barcode	CAS#	Chemical Name	Size	Measure	Date
0001389630		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389616		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389645		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389658		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389657		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389656		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389655		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389654		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389653		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389652		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389651		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389650		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389649		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389648		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389631		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389646		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389632		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389644		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389643		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389642		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389641		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389640		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389639		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389638		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389637		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389636		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389635		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389634		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389659		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389647		ETHANOL 200 PROOF	1	pt	06/08/2015
0001327553	7789-20-0	DEUTERIUM OXIDE	1	kg	06/08/2015
0001389735		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389736		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389737		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389738		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389739		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389740		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389846		ETHANOL 200 PROOF	1	pt	06/08/2015
0001327561	7789-20-0	DEUTERIUM OXIDE	1	kg	06/08/2015
0001327550	103-90-2	ACETAMINOPHEN	500	gm	06/08/2015
0001389732		ETHANOL 200 PROOF		pt	06/08/2015
0001327554	7789-20-0	DEUTERIUM OXIDE		kg	06/08/2015
0001327555	7789-20-0	DEUTERIUM OXIDE		kg	06/08/2015
0001327556	7789-20-0	DEUTERIUM OXIDE		kg	06/08/2015
0001327557	7789-20-0	DEUTERIUM OXIDE		kg	06/08/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001327558	7789-20-0	DEUTERIUM OXIDE	1	kg	06/08/2015
0001327559	7789-20-0	DEUTERIUM OXIDE		kg	06/08/2015
0001389714		ETHANOL 200 PROOF		pt	06/08/2015
0001389847		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389724		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389748		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389716		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389717		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389718		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389719		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389720		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389721		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389734		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389723		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389733		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389725		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389726		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389727		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389728		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389729		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389730		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389731		ETHANOL 200 PROOF	1	pt	06/08/2015
0001327562	7789-20-0	DEUTERIUM OXIDE	1	kg	06/08/2015
0001389722		ETHANOL 200 PROOF	1	pt	06/08/2015
0001341910	7772-98-7	SODIUM THIOSULFATE	500	gm	06/08/2015
0001327583		5-MINUTE EPOXY	1	OZ	06/08/2015
0001327584		5-MINUTE EPOXY	1	OZ	06/08/2015
0001327585		5-MINUTE EPOXY	1	oz	06/08/2015
0001311604		QUINSYN-PLUS SYNTHETIC AIR	5	gal	06/08/2015
0001311004		COMPRESSOR FLUID		gui	00/00/2013
0001327586	57-13-6	UREA REAGENT ACS		gm	06/08/2015
0001327587	57-13-6	UREA REAGENT ACS		gm	06/08/2015
0001327588	57-13-6	UREA REAGENT ACS	500	gm	06/08/2015
0001327560	7789-20-0	DEUTERIUM OXIDE	1	kg	06/08/2015
0001327590	57-13-6	UREA REAGENT ACS	500	gm	06/08/2015
0001327580	7789-20-0	DEUTERIUM OXIDE	1	kg	06/08/2015
0001302861	7647-01-0	HYDROCHLORIC ACID, CONCENTRATED (36-37%)	500	ml	06/08/2015
0001134187	6381-79-9	POTASSIUM CARBONATE, SESQUIHYDRATE	500	gm	06/08/2015
0001167134	1310-58-3	POTASSIUM HYDROXIDE	100	gm	06/08/2015
0001382358	7732-18-5	Hydrochloric Acid 30-31%	3000	lb	06/08/2015
0001382359	7732-18-5	Hydrochloric Acid 30-31%	3000	lb	06/08/2015
0001382360	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	06/08/2015
0001382361	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	06/08/2015

	7-13-6		Size	Measure	
			F00		06/09/2015
1000132/3/2 1/	789-20-0	UREA REAGENT ACS DEUTERIUM OXIDE	500		06/08/2015 06/08/2015
	789-20-0 789-20-0	DEUTERIUM OXIDE		kg kg	06/08/2015
-	789-20-0	DEUTERIUM OXIDE		kg	06/08/2015
	789-20-0	DEUTERIUM OXIDE		kg	06/08/2015
	789-20-0	DEUTERIUM OXIDE		kg	06/08/2015
	789-20-0	DEUTERIUM OXIDE		kg	06/08/2015
	789-20-0	DEUTERIUM OXIDE		kg	06/08/2015
	789-20-0	DEUTERIUM OXIDE		kg	06/08/2015
0001327582 77	789-20-0	DEUTERIUM OXIDE		kg	06/08/2015
0001327571 77	789-20-0	DEUTERIUM OXIDE		kg	06/08/2015
0001327581 77	789-20-0	DEUTERIUM OXIDE		kg	06/08/2015
0001327573 77	789-20-0	DEUTERIUM OXIDE		kg	06/08/2015
0001327574 77	789-20-0	DEUTERIUM OXIDE		kg	06/08/2015
0001327575 77	789-20-0	DEUTERIUM OXIDE	1	kg	06/08/2015
0001327576 77	789-20-0	DEUTERIUM OXIDE	1	kg	06/08/2015
0001327577 77	789-20-0	DEUTERIUM OXIDE	1	kg	06/08/2015
0001327578 77	789-20-0	DEUTERIUM OXIDE	1	kg	06/08/2015
	789-20-0	DEUTERIUM OXIDE	1	kg	06/08/2015
0001389713		ETHANOL 200 PROOF	1	pt	06/08/2015
0001327570 77	789-20-0	DEUTERIUM OXIDE		kg	06/08/2015
0001389778		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389769		ETHANOL 200 PROOF		pt	06/08/2015
0001389770		ETHANOL 200 PROOF		pt	06/08/2015
0001389771		ETHANOL 200 PROOF		pt	06/08/2015
0001389772		ETHANOL 200 PROOF		pt	06/08/2015
0001389773		ETHANOL 200 PROOF		pt	06/08/2015
0001389774		ETHANOL 200 PROOF		pt	06/08/2015
0001389775		ETHANOL 200 PROOF		pt	06/08/2015
0001389674		ETHANOL 200 PROOF		pt	06/08/2015
0001389777		ETHANOL 200 PROOF		pt	06/08/2015
0001389766		ETHANOL 200 PROOF		pt	06/08/2015
0001389779		ETHANOL 200 PROOF		pt	06/08/2015
0001389780		ETHANOL 200 PROOF ETHANOL 200 PROOF		pt	06/08/2015
0001389781 0001389782		ETHANOL 200 PROOF		pt pt	06/08/2015 06/08/2015
0001389782		ETHANOL 200 PROOF		pt pt	06/08/2015
0001389783		ETHANOL 200 PROOF		pt pt	06/08/2015
0001389072		ETHANOL 200 PROOF		pt pt	06/08/2015
0001389716		ETHANOL 200 PROOF		pt	06/08/2015
0001389770		ETHANOL 200 PROOF		pt pt	06/08/2015
0001389749		ETHANOL 200 PROOF		pt	06/08/2015
0001389750		ETHANOL 200 PROOF		pt	06/08/2015
0001389751		ETHANOL 200 PROOF		pt	06/08/2015
0001389752		ETHANOL 200 PROOF		pt	06/08/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001389753		ETHANOL 200 PROOF		pt	06/08/2015
0001389754		ETHANOL 200 PROOF		pt	06/08/2015
0001389755		ETHANOL 200 PROOF		pt	06/08/2015
0001389768		ETHANOL 200 PROOF		pt	06/08/2015
0001389757		ETHANOL 200 PROOF		pt	06/08/2015
0001389767		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389759		ETHANOL 200 PROOF		pt	06/08/2015
0001389760		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389761		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389762		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389763		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389764		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389765		ETHANOL 200 PROOF		pt	06/08/2015
0001389675		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389756		ETHANOL 200 PROOF		pt	06/08/2015
0001389705		ETHANOL 200 PROOF		pt	06/08/2015
0001389696		ETHANOL 200 PROOF		pt	06/08/2015
0001389697		ETHANOL 200 PROOF		pt	06/08/2015
0001389698		ETHANOL 200 PROOF		pt	06/08/2015
0001389699		ETHANOL 200 PROOF		pt	06/08/2015
0001389700		ETHANOL 200 PROOF		pt	06/08/2015
0001389701		ETHANOL 200 PROOF		pt	06/08/2015
0001389702		ETHANOL 200 PROOF	1		06/08/2015
0001389673		ETHANOL 200 PROOF		pt	06/08/2015
0001389704		ETHANOL 200 PROOF		pt	06/08/2015
0001389693		ETHANOL 200 PROOF		pt	06/08/2015
0001389706		ETHANOL 200 PROOF		pt	06/08/2015
0001389707		ETHANOL 200 PROOF	1		06/08/2015
0001389708		ETHANOL 200 PROOF		pt	06/08/2015
0001389709		ETHANOL 200 PROOF		pt .	06/08/2015
0001389710		ETHANOL 200 PROOF		pt .	06/08/2015
0001389711		ETHANOL 200 PROOF		pt	06/08/2015
0001389712		ETHANOL 200 PROOF		pt	06/08/2015
0001389703		ETHANOL 200 PROOF		pt	06/08/2015
0001389685		ETHANOL 200 PROOF		pt	06/08/2015
0001389676 0001389677		ETHANOL 200 PROOF ETHANOL 200 PROOF		pt	06/08/2015
		ETHANOL 200 PROOF		pt	06/08/2015
0001389678		ETHANOL 200 PROOF		pt	06/08/2015
0001389679 0001389680		ETHANOL 200 PROOF		pt pt	06/08/2015 06/08/2015
0001389680		ETHANOL 200 PROOF		pt pt	06/08/2015
0001389681		ETHANOL 200 PROOF		pt pt	06/08/2015
0001389682		ETHANOL 200 PROOF		pt pt	06/08/2015
0001389693		ETHANOL 200 PROOF		pt pt	06/08/2015
 					
0001389694		ETHANOL 200 PROOF	1	pt	06/08/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001389686		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389687		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389688		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389689		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389690		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389691		ETHANOL 200 PROOF		pt	06/08/2015
0001389692		ETHANOL 200 PROOF		pt	06/08/2015
0001382364	7786-30-3	MAGNESIUM CHLORIDE	3300		06/08/2015
0001389683		ETHANOL 200 PROOF		pt	06/08/2015
0001327476		EUROPIUM STANDARD		ml	06/08/2015
0001280754		HARDMAN EPOXY		gm	06/08/2015
0001280755		HARDMAN EPOXY		gm	06/08/2015
0001280756		HARDMAN EPOXY		gm	06/08/2015
0001280757		HARDMAN EPOXY		gm	06/08/2015
0001280758		HARDMAN EPOXY		gm	06/08/2015
0001280759		HARDMAN EPOXY		gm	06/08/2015
0001280760		HARDMAN EPOXY	3.5	gm	06/08/2015
0001327532	80731-10-8	D(-)3-PHOSPHOGLYCERIC ACID	10	mg	06/08/2015
0001327475		ERBIUM STANDARD	50	ml	06/08/2015
0001280751		HARDMAN EPOXY	3.5	gm	06/08/2015
0001327477		GADOLINIUM STANDARD	50	ml	06/08/2015
0001327478		LUTETIUM STANDARD	50	ml	06/08/2015
0001327479		YTTERBIUM STANDARD	50	ml	06/08/2015
0001327528		HIGH VACUUM GREASE (SILICONE LUBRICANT)	5.3	oz	06/08/2015
0001327529		HIGH VACUUM GREASE (SILICONE LUBRICANT)	5.3	OZ	06/08/2015
0001327530		HIGH VACUUM GREASE (SILICONE LUBRICANT)	5.3	OZ	06/08/2015
0001382362	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	06/08/2015
0001327474		DYSPROSIUM STANDARD		ml	06/08/2015
0001362585	74-86-2	ACETYLENE	10	cf	06/08/2015
0001327495	67-64-1	ACETONE HISTOLOGICAL GRADE	1	gal	06/08/2015
0001327496	67-64-1	ACETONE HISTOLOGICAL GRADE	1	gal	06/08/2015
0001327497	67-64-1	ACETONE HISTOLOGICAL GRADE	1	gal	06/08/2015
0001327498	67-64-1	ACETONE HISTOLOGICAL GRADE	1	gal	06/08/2015
0001362580	74-86-2	ACETYLENE	10	cf	06/08/2015
0001362581	74-86-2	ACETYLENE		cf	06/08/2015
0001362582	74-86-2	ACETYLENE		cf	06/08/2015
0001280753		HARDMAN EPOXY		gm	06/08/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001362584	74-86-2	ACETYLENE	10		06/08/2015
0001280752		HARDMAN EPOXY	3.5	gm	06/08/2015
0001362586	74-86-2	ACETYLENE	10	cf	06/08/2015
0001362587	74-86-2	ACETYLENE	10	cf	06/08/2015
0001362588	74-98-6	PROPANE	11	gal	06/08/2015
0001362589	74-98-6	PROPANE	11	gal	06/08/2015
0001362590	74-98-6	PROPANE	11	gal	06/08/2015
0001362591	74-98-6	PROPANE		gal	06/08/2015
0000592523		MOLECULAR SIEVES TYPE Y	50	gm	06/08/2015
0001327533	80731-10-8	D(-)3-PHOSPHOGLYCERIC ACID	10	mg	06/08/2015
0001362583	74-86-2	ACETYLENE	10	cf	06/08/2015
0001389542	64-17-5	ETHYL ALCOHOL 200 PROOF	1	gal	06/08/2015
0001327535	25837-05-2	Ethylbenzene-d10	10	ml	06/08/2015
0001327536	25837-05-2	Ethylbenzene-d10	10	ml	06/08/2015
0001327537	25837-05-2	Ethylbenzene-d10	10	ml	06/08/2015
0001327538	25837-05-2	Ethylbenzene-d10	10	ml	06/08/2015
0001327539	25837-05-2	Ethylbenzene-d10		ml	06/08/2015
0001327540	25837-05-2	Ethylbenzene-d10		ml	06/08/2015
0001327541	25837-05-2	Ethylbenzene-d10	10	ml	06/08/2015
0001327531	80731-10-8	D(-)3-PHOSPHOGLYCERIC ACID	10	mg	06/08/2015
0001389541	64-17-5	ETHYL ALCOHOL 200 PROOF	1	gal	06/08/2015
0001382367	1310-73-2	Sodium Hydroxide 25%	3400	lb	06/08/2015
0001389543	64-17-5	ETHYL ALCOHOL 200 PROOF	1	gal	06/08/2015
0001389544	64-17-5	ETHYL ALCOHOL 200 PROOF	1	gal	06/08/2015
0001389545	64-17-5	ETHYL ALCOHOL 200 PROOF	1	gal	06/08/2015
0001389546	64-17-5	ETHYL ALCOHOL 200 PROOF		gal	06/08/2015
0001389547	64-17-5	ETHYL ALCOHOL 200 PROOF		gal	06/08/2015
0001389548	64-17-5	ETHYL ALCOHOL 200 PROOF	1	gal	06/08/2015
0001362531		P-10 (90% ARGON 10% METHANE)	220	cf	06/08/2015
0001389560		ETHANOL 200 PROOF	1	pt	06/08/2015
0001327596	69-52-3	AMPICILLIN SODIUM	25	gm	06/08/2015
0001327534	25837-05-2	Ethylbenzene-d10		ml	06/08/2015
0001327499	67-64-1	ACETONE HISTOLOGICAL GRADE	1	gal	06/08/2015
0001327551		DC 3-6559 ACCELERATOR	0.45	kg	06/08/2015
0001327552		DC 3-6559 ACCELERATOR	0.45		06/08/2015
0001327591		VACUUM PUMP OIL	1	1.	06/08/2015
0001327592		VACUUM PUMP OIL	1	I	06/08/2015
0001327593		VACUUM PUMP OIL	1	I	06/08/2015
0001382369	1310-73-2	Sodium Hydroxide 25%	3400	lb	06/08/2015
0001327595	75-07-0	ACETALDEHYDE	100	ml	06/08/2015
0001382368	1310-73-2	Sodium Hydroxide 25%	3400	lb	06/08/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001327597		INSTRUMENT CHECK STANDARD 6	125	ml	06/08/2015
0001327598		INSTRUMENT CHECK STANDARD 6	125	ml	06/08/2015
0001327599		INSTRUMENT CHECK STANDARD 6	125	ml	06/08/2015
0001341838	67-63-0	2-PROPANOL	1	I	06/08/2015
0001341909	7664-93-9	SULFURIC ACID	1	I	06/08/2015
0001382365	1310-73-2	Sodium Hydroxide 25%	3400	lb	06/08/2015
0001382366	1310-73-2	Sodium Hydroxide 25%	3400	lb	06/08/2015
0001327492	67-64-1	ACETONE HISTOLOGICAL GRADE	1	gal	06/08/2015
0001327594	2206-26-0	ACETONITRILE D3	50	gm	06/08/2015
0001362552		25% CARBON DIOXIDE/75% ARGON	220		06/08/2015
0001389620		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389621		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389622		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389623		ETHANOL 200 PROOF		pt	06/08/2015
0001389624		ETHANOL 200 PROOF		pt	06/08/2015
0001362548		10% METHANE/90% ARGON	220		06/08/2015
0001362549		10% METHANE/90% ARGON	220		06/08/2015
0001327494	67-64-1	ACETONE HISTOLOGICAL GRADE		gal	06/08/2015
0001362551		25% CARBON DIOXIDE/75% ARGON	220	cf	06/08/2015
0001389617		ETHANOL 200 PROOF	1	pt	06/08/2015
0001362553		25% CARBON DIOXIDE/75% ARGON	220	cf	06/08/2015
0001327473		CERIUM STANDARD	50	ml	06/08/2015
0001389784		ETHANOL 200 PROOF	1	pt	06/08/2015
0001362555	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/08/2015
0001389614		ETHANOL 200 PROOF	1	pt	06/08/2015
0001362557	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/08/2015
0001362558	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/08/2015
0001362550		10% METHANE/90% ARGON	220	cf	06/08/2015
0001327485	67-64-1	ACETONE HISTOLOGICAL GRADE		gal	06/08/2015
0001362554	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/08/2015
0000685677	1310-73-2	SODIUM HYDROXIDE	100	gm	06/08/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0011187727	3328-69-6	2-Hydroxyisophthalaldehyde	5	gm	06/08/2015
0000913060		CARBON-13C DIOXIDE-1802	1	I	06/08/2015
0001327480	67-64-1	ACETONE HISTOLOGICAL GRADE	1	gal	06/08/2015
0001327481	67-64-1	ACETONE HISTOLOGICAL GRADE	1	gal	06/08/2015
0001327482	67-64-1	ACETONE HISTOLOGICAL GRADE	1	gal	06/08/2015
0001389619		ETHANOL 200 PROOF	1	pt	06/08/2015
0001327484	67-64-1	ACETONE HISTOLOGICAL GRADE	1	gal	06/08/2015
0001389618		ETHANOL 200 PROOF	1	pt	06/08/2015
0001327486	67-64-1	ACETONE HISTOLOGICAL GRADE	1	gal	06/08/2015
0001327487	67-64-1	ACETONE HISTOLOGICAL GRADE	1	gal	06/08/2015
0001389610		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389611		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389612		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389613		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389615		ETHANOL 200 PROOF	1	pt	06/08/2015
0001362561	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/08/2015
0001327483	67-64-1	ACETONE HISTOLOGICAL GRADE	1	gal	06/08/2015
0001362576	74-86-2	ACETYLENE	40	cf	06/08/2015
0001362559	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/08/2015
0001362569	74-86-2	ACETYLENE	240	cf	06/08/2015
0001362570	74-86-2	ACETYLENE	130	cf	06/08/2015
001149393		LB BROTH MILLER	2	kg	06/08/2015
0001362571	74-86-2	ACETYLENE	130	ļ	06/08/2015
0001362572	74-86-2	ACETYLENE	40		06/08/2015
0001362573	74-86-2	ACETYLENE	40		06/08/2015
0001362567	74-86-2	ACETYLENE	240		06/08/2015
0001362575	74-86-2	ACETYLENE	40		06/08/2015
0001362507	7440-37-1	ARGON, COMPRESSED	220		06/08/2015
0001362577	74-86-2	ACETYLENE		cf	06/08/2015
0001362578	74-86-2	ACETYLENE		cf	06/08/2015
0001362579	74-86-2	ACETYLENE	10	cf	06/08/2015
0001327488	67-64-1	ACETONE HISTOLOGICAL GRADE	1	gal	06/08/2015
0001327489	67-64-1	ACETONE HISTOLOGICAL GRADE	1	gal	06/08/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001327490	67-64-1	ACETONE HISTOLOGICAL GRADE	1	gal	06/08/2015
0001327491	67-64-1	ACETONE HISTOLOGICAL GRADE	1	gal	06/08/2015
0001382363	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	06/08/2015
0001362574	74-86-2	ACETYLENE	40	cf	06/08/2015
0001327472		AMMONIA pH ADJUST. ISA	475	ml	06/08/2015
0001327493	67-64-1	ACETONE HISTOLOGICAL GRADE	1	gal	06/08/2015
0001362562	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/08/2015
0001362563	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/08/2015
0001362564	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/08/2015
0001362565	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/08/2015
0001362566	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/08/2015
0001327469		AMMONIA pH ADJUST. ISA	475	ml	06/08/2015
0001362568	74-86-2	ACETYLENE	240	cf	06/08/2015
0001327471		AMMONIA pH ADJUST. ISA	475	ml	06/08/2015
0001362560	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/08/2015
0001362476		OXYGEN IN NITROGEN	10	cf	06/08/2015
0001362477		OXYGEN IN NITROGEN	10	cf	06/08/2015
0001362478		OXYGEN IN NITROGEN	10	cf	06/08/2015
0001362496	7440-37-1	ARGON, COMPRESSED	220	cf	06/08/2015
0001362497	7440-37-1	ARGON, COMPRESSED	220	cf	06/08/2015
0001362498	7440-37-1	ARGON, COMPRESSED	220	cf	06/08/2015
0001362499	7440-37-1	ARGON, COMPRESSED	220	cf	06/08/2015
0001362500	7440-37-1	ARGON, COMPRESSED	220	cf	06/08/2015
0001327470		AMMONIA pH ADJUST. ISA	475	ml	06/08/2015
0001389550	64-17-5	ETHYL ALCOHOL 200 PROOF	1	gal	06/08/2015
0001389588		ETHANOL 200 PROOF	1	pt	06/08/2015
0001327545	19259-90-6	ACETYL-D3 CHLORIDE		gm	06/08/2015
0001327544	19259-90-6	ACETYL-D3 CHLORIDE		gm	06/08/2015
0001327543	19259-90-6	ACETYL-D3 CHLORIDE		gm	06/08/2015
0001327542	28077-64-7	ACETOPHENONE-2',3',4',5',	5	gm	06/08/2015
0001389559	64-17-5	ETHYL ALCOHOL 200 PROOF	1	gal	06/08/2015
0001389558	64-17-5	ETHYL ALCOHOL 200 PROOF		gal	06/08/2015
0001389557	64-17-5	ETHYL ALCOHOL 200 PROOF		gal	06/08/2015
0001389556	64-17-5	ETHYL ALCOHOL 200 PROOF		gal	06/08/2015
0001389555	64-17-5	ETHYL ALCOHOL 200 PROOF		gal	06/08/2015
0001389747		ETHANOL 200 PROOF	1	pt	06/08/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001389553	64-17-5	ETHYL ALCOHOL 200 PROOF		gal	06/08/2015
0001327547	19259-90-6	ACETYL-D3 CHLORIDE		gm	06/08/2015
0001389551	64-17-5	ETHYL ALCOHOL 200 PROOF		gal	06/08/2015
0001327548	19259-90-6	ACETYL-D3 CHLORIDE		gm	06/08/2015
0001389549	64-17-5	ETHYL ALCOHOL 200 PROOF		gal	06/08/2015
0001389845		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389844		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389843		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389842		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389841		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389840		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389839		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389838		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389837		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389836		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389835		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389834		ETHANOL 200 PROOF	1	pt	06/08/2015
0001362556	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/08/2015
0001389573		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389587		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389586		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389585		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389584		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389583		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389582		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389581		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389580		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389579		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389578		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389577		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389576		ETHANOL 200 PROOF	1	pt	06/08/2015
0001327546	19259-90-6	ACETYL-D3 CHLORIDE	5	gm	06/08/2015
0001389574		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389831		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389572		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389571		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389570		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389569		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389568		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389567		ETHANOL 200 PROOF		pt	06/08/2015
0001389566		ETHANOL 200 PROOF		pt	06/08/2015
0001389565		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389564		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389563		ETHANOL 200 PROOF	1	pt	06/08/2015

			Container	Unit of	
Barcode	CAS#	Chemical Name	Size	Measure	Date
0001389562		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389561		ETHANOL 200 PROOF		pt	06/08/2015
0001327549	19259-90-6	ACETYL-D3 CHLORIDE		gm	06/08/2015
0001389575		ETHANOL 200 PROOF		pt	06/08/2015
0001389798		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389800		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389671		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389670		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389669		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389668		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389667		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389666		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389665		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389664		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389663		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389662		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389661		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389833		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389799		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389803		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389797		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389796		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389795		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389794		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389793		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389792		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389791		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389790		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389789		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389788		ETHANOL 200 PROOF		pt	06/08/2015
0001389787		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389786		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389785		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389660		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389816		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389554	64-17-5	ETHYL ALCOHOL 200 PROOF	1	gal	06/08/2015
0001389830		ETHANOL 200 PROOF		pt	06/08/2015
0001389829		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389828		ETHANOL 200 PROOF		pt	06/08/2015
0001389827		ETHANOL 200 PROOF		pt	06/08/2015
0001389826		ETHANOL 200 PROOF		pt	06/08/2015
0001389825		ETHANOL 200 PROOF		pt	06/08/2015
0001389824		ETHANOL 200 PROOF		pt	06/08/2015
0001389823		ETHANOL 200 PROOF		pt	06/08/2015
0001389822		ETHANOL 200 PROOF		pt	06/08/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of	Date
0001389821		ETHANOL 200 PROOF		Measure pt	06/08/2015
0001389821		ETHANOL 200 PROOF		pt	06/08/2015
0001389819	1	ETHANOL 200 PROOF		pt	06/08/2015
0001389801		ETHANOL 200 PROOF		pt	06/08/2015
0001389810		ETHANOL 200 PROOF		pt	06/08/2015
0001389832		ETHANOL 200 PROOF		pt	06/08/2015
0001389804		ETHANOL 200 PROOF		pt	06/08/2015
0001389805		ETHANOL 200 PROOF		pt	06/08/2015
0001389806		ETHANOL 200 PROOF		pt	06/08/2015
0001389807		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389818		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389809		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389817		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389811		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389812		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389813		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389814		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389815		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389802		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389808		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389602		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389590		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389592		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389605		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389594		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389595		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389596		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389597		ETHANOL 200 PROOF	1	•	06/08/2015
0001389598		ETHANOL 200 PROOF		pt	06/08/2015
0001389599		ETHANOL 200 PROOF		pt	06/08/2015
0001389589		ETHANOL 200 PROOF		pt	06/08/2015
0001389601		ETHANOL 200 PROOF		pt	06/08/2015
0001389591		ETHANOL 200 PROOF		pt	06/08/2015
0001389603		ETHANOL 200 PROOF		pt	06/08/2015
0001389604		ETHANOL 200 PROOF		pt	06/08/2015
0001389552	64-17-5	ETHYL ALCOHOL 200 PROOF		gal	06/08/2015
0001389741		ETHANOL 200 PROOF		pt	06/08/2015
0001389742		ETHANOL 200 PROOF		pt	06/08/2015
0001389743		ETHANOL 200 PROOF		pt	06/08/2015
0001389606		ETHANOL 200 PROOF		pt	06/08/2015
0001389745		ETHANOL 200 PROOF		pt	06/08/2015
0001389744		ETHANOL 200 PROOF		pt	06/08/2015
0001389600		ETHANOL 200 PROOF		pt	06/08/2015
0001389608		ETHANOL 200 PROOF		pt .	06/08/2015
0001389607	1	ETHANOL 200 PROOF	1	pt	06/08/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001389593		ETHANOL 200 PROOF	1	pt	06/08/2015
0001389609		ETHANOL 200 PROOF		pt	06/08/2015
0001389746		ETHANOL 200 PROOF	1	pt	06/08/2015
0001362534		P-10 (90% ARGON 10% METHANE)	220	cf	06/08/2015
0001362535		P-10 (90% ARGON 10% METHANE)	220	cf	06/08/2015
0001362542		10% HYDROGEN/90% NITROGEN	220	cf	06/08/2015
0001362536		P-10 (90% ARGON 10% METHANE)	220	cf	06/08/2015
0001362503	7440-37-1	ARGON, COMPRESSED	220	cf	06/08/2015
0001362537		P-10 (90% ARGON 10% METHANE)	220	cf	06/08/2015
0001362538		P-10 (90% ARGON 10% METHANE)	220	cf	06/08/2015
0001362539		P-10 (90% ARGON 10% METHANE)	220	cf	06/08/2015
0001362541		P-10 (90% ARGON 10% METHANE)	220	cf	06/08/2015
0001362543		10% METHANE/90% ARGON	220	cf	06/08/2015
0001362544		10% METHANE/90% ARGON	220	cf	06/08/2015
0001362545		10% METHANE/90% ARGON	220	cf	06/08/2015
0001362546		10% METHANE/90% ARGON	220		06/08/2015
0001362547		10% METHANE/90% ARGON	220	cf	06/08/2015
0001362540		P-10 (90% ARGON 10% METHANE)	220	cf	06/08/2015
0001362504	7440-37-1	ARGON, COMPRESSED	220	cf	06/08/2015
0001362518	7440-37-1	ARGON, COMPRESSED	220	cf	06/08/2015
0001362519	7440-37-1	ARGON, COMPRESSED	220	cf	06/08/2015
0001362516	7440-37-1	ARGON, COMPRESSED	220	cf	06/08/2015
0001362515	7440-37-1	ARGON, COMPRESSED	220		06/08/2015
0001362514	7440-37-1	ARGON, COMPRESSED	220		06/08/2015
0001362512	7440-37-1	ARGON, COMPRESSED	220		06/08/2015
0001362513	7440-37-1	ARGON, COMPRESSED	220	cf	06/08/2015
0001362533		P-10 (90% ARGON 10% METHANE)	220	cf	06/08/2015
0001362501	7440-37-1	ARGON, COMPRESSED	220	cf	06/08/2015
0001362517	7440-37-1	ARGON, COMPRESSED	220	cf	06/08/2015
0001362502	7440-37-1	ARGON, COMPRESSED	220	cf	06/08/2015
0001362505	7440-37-1	ARGON, COMPRESSED	220		06/08/2015
0001362506	7440-37-1	ARGON, COMPRESSED	220		06/08/2015
0001362520	7440-37-1	ARGON, COMPRESSED	220	cf	06/08/2015
0001362530		P-10 (90% ARGON 10% METHANE)	220	cf	06/08/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001362508	7440-37-1	ARGON, COMPRESSED	220		06/08/2015
0001362509	7440-37-1	ARGON, COMPRESSED	220		06/08/2015
0001362510	7440-37-1	ARGON, COMPRESSED	220		06/08/2015
0001362521	7440-37-1	ARGON, COMPRESSED	220		06/08/2015
0001362511	7440-37-1	ARGON, COMPRESSED	220	cf	06/08/2015
0001362529		P-10 (90% ARGON 10% METHANE)	220	cf	06/08/2015
0001362528		P-10 (90% ARGON 10% METHANE)	220	cf	06/08/2015
0001362526		P-10 (90% ARGON 10% METHANE)	220	cf	06/08/2015
0001362525	7440-37-1	ARGON, COMPRESSED	220	cf	06/08/2015
0001362532		P-10 (90% ARGON 10% METHANE)	220	cf	06/08/2015
0001362524	7440-37-1	ARGON, COMPRESSED	220	cf	06/08/2015
0001362523	7440-37-1	ARGON, COMPRESSED	220	cf	06/08/2015
0001362522	7440-37-1	ARGON, COMPRESSED	220	cf	06/08/2015
0001362527		P-10 (90% ARGON 10% METHANE)	220	cf	06/08/2015
0001389860		BROMICIDE TABLETS	50	lb	06/09/2015
0001317830	79-06-1	ACRYLAMIDE	100	ml	06/09/2015
0001362475		Nitrogen Dioxide 1500 PPM, Nitrogen	150	cf	06/09/2015
0001362487		Nitric Oxide 5,010 PPM, Nitrogen	150	cf	06/09/2015
0001362488		Nitric Oxide 1,502 PPM, Nitrogen	150	cf	06/09/2015
0001362489	115-07-1	PROPYLENE	150	cf	06/09/2015
0001362490		Nitrogen Dioxide 1500 PPM, Nitrogen	150	cf	06/09/2015
0001362491		Carbon Monoxide 501 PPM, Nitrogen	150	cf	06/09/2015
0001362492		Propane 2.517 PPM, Nitrogen	150	cf	06/09/2015
0001362493		Nitrous Oxide 502 PPM, Nitrogen	150	cf	06/09/2015
0001362494		Ammonia 1,500 PPM, Nitrogen	150	cf	06/09/2015
0001362598	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	06/09/2015
0001362592		Krypton 1000 PPM, Xenon 1000 PPM	220	cf	06/09/2015
0001389858		BROMICIDE TABLETS	50	lb	06/09/2015
0001389859		BROMICIDE TABLETS	50	lb	06/09/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001317797	7789-20-0	DEUTERIUM OXIDE	10	gm	06/09/2015
0001317844		BORANE DIMETHYL AMINE COMPLEX	100	gm	06/09/2015
0001317835	13446-34-9	MANGANESE CHLORIDE TETRAHYDRATE	500	gm	06/09/2015
0000912984	108-88-3	TOLUENE ANHYDROUS	250	ml	06/09/2015
0000912983	108-88-3	TOLUENE ANHYDROUS	250	ml	06/09/2015
0000912982	64-19-7	ACETIC ACID, GLACIAL	1		06/09/2015
0000912977		SILICON OIL	250		06/09/2015
0000912979	60-24-2	2-MERCAPTOETHANOL	250		06/09/2015
0001389861		BROMICIDE TABLETS		lb	06/09/2015
0001317793	7784-46-5	SODIUM M-ARSENITE	100	gm	06/09/2015
0001317798	70755-47-4	Dihexadecyldimethylammonium bromide	1	gm	06/09/2015
0001362495		Propane 8.045 PPM, Nitrogen	150	cf	06/09/2015
0001317832	79-06-1	ACRYLAMIDE	100	ml	06/09/2015
0001317801	75-05-8	ACETONITRILE	4	1	06/09/2015
0001317803	67-63-0	2-PROPONAL	4	1	06/09/2015
0001317806	7732-18-5	WATER WITH 0.1% FORMIC ACID HPLC GRADE	4	I	06/09/2015
0001317808	76-05-1	TRIFLUOROACETIC ACID	10	ml	06/09/2015
0001317807	76-05-1	TRIFLUOROACETIC ACID	10	ml	06/09/2015
0001317809	28166-41-8	ALPHA-CYANO-4-HYDROXYCINNAMIC ACID	5	gm	06/09/2015
0001317810	490-79-9	2,5-DIHYDROXYBENZOIC ACID	5	gm	06/09/2015
0001317811	530-59-6	3,5-DIMETHOXY-4-HYDROXY CINNAMIC ACID	5	gm	06/09/2015
0001317829	1336-21-6	AMMONIUM HYDROXIDE	500	ml	06/09/2015
0001317792	504-17-6	2-THIOBARBITURIC ACID	25	gm	06/09/2015
0001317794	4800-94-6	CARBENCILLIN DISODIUM SALT		gm	06/09/2015
0001317831	79-06-1	ACRYLAMIDE	100	ml	06/09/2015
0001317833	79-06-1	ACRYLAMIDE	100	ml	06/09/2015
0001389862		BROMICIDE TABLETS	50	lb	06/09/2015
0001362593	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	06/09/2015
0001317799	67-56-1	METHANOL OPTIMA	4	I	06/09/2015
0001389853		BROMICIDE TABLETS		lb	06/09/2015
0001389854		BROMICIDE TABLETS		lb	06/09/2015
0001389855		BROMICIDE TABLETS		lb	06/09/2015
0001389856		BROMICIDE TABLETS		lb	06/09/2015
0001389857		BROMICIDE TABLETS		lb	06/09/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001317800	108-95-2	PHENOL	25	gm	06/09/2015
0001317791	25322-68-3	POLYETHYLENE GLYCOL 1450	500	gm	06/09/2015
0001317805	2206-27-1	DIMETHYL-D6 SULPHOXIDE	10	ml	06/09/2015
0001317802		NANO SU-8 DEVELOPER	4	I	06/09/2015
0001317804	110-54-3	N-HEXANE	4	I	06/09/2015
0001317834	79-06-1	ACRYLAMIDE	100	ml	06/09/2015
0001362609	7727-37-9	NITROGEN, COMPRESSED GAS	15	I	06/09/2015
0001362604	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	06/09/2015
0001362597	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	06/09/2015
0001362594	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	06/09/2015
0001362602	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	06/09/2015
0001362596	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	06/09/2015
0001362601	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	06/09/2015
0001362608	7727-37-9	NITROGEN, COMPRESSED GAS	15	I	06/09/2015
0001362595	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	ı	06/09/2015
0001389848		vic-lube	1	qt	06/09/2015
0001389849		vic-lube		qt	06/09/2015
0000912980	77-86-1	TRIS (TROMETHANE)		kg	06/09/2015
0000912978	60-24-2	2-MERCAPTOETHANOL	250		06/09/2015
0001362599	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	06/09/2015
0001362600	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	06/09/2015
0001362607	7727-37-9	NITROGEN, COMPRESSED GAS	15	l	06/09/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001362603	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	06/09/2015
			+		
0001362605	7440-59-7	HELIUM, REFRIGERATED LIQUID	100	ı	06/09/2015
0001302003	, , , , ,	(CRYOGENIC LIQUID)	100	•	00,03,2013
0001362606	7727-37-9	NITROGEN, COMPRESSED GAS	15	I	06/09/2015
0001341945		TRA-CON BLUE DYE EPOXY	2.5	gm	06/10/2015
0001341966		TRA-CON BLUE DYE EPOXY	2.5	gm	06/10/2015
0001341965		TRA-CON BLUE DYE EPOXY	2.5	gm	06/10/2015
0001341964		TRA-CON BLUE DYE EPOXY	2.5	gm	06/10/2015
0001341963		TRA-CON BLUE DYE EPOXY	2.5	gm	06/10/2015
0001341962		TRA-CON BLUE DYE EPOXY	2.5	gm	06/10/2015
0001341961		TRA-CON BLUE DYE EPOXY	2.5	gm	06/10/2015
0001341960		TRA-CON BLUE DYE EPOXY	2.5	gm	06/10/2015
0001341943		TRA-CON BLUE DYE EPOXY	2.5	gm	06/10/2015
0001341959		TRA-CON BLUE DYE EPOXY	2.5	gm	06/10/2015
0001341958		TRA-CON BLUE DYE EPOXY	2.5	gm	06/10/2015
0001341957		TRA-CON BLUE DYE EPOXY	2.5	gm	06/10/2015
0001341944		TRA-CON BLUE DYE EPOXY		gm	06/10/2015
0001341955		TRA-CON BLUE DYE EPOXY	2.5	gm	06/10/2015
0001341946		TRA-CON BLUE DYE EPOXY	2.5	gm	06/10/2015
0001341947		TRA-CON BLUE DYE EPOXY	2.5	gm	06/10/2015
0001341948		TRA-CON BLUE DYE EPOXY		gm	06/10/2015
0001341949		TRA-CON BLUE DYE EPOXY	2.5	gm	06/10/2015
0001341967		TRA-CON BLUE DYE EPOXY	2.5	gm	06/10/2015
0001341950		TRA-CON BLUE DYE EPOXY		gm	06/10/2015
0001341978		TRA-CON BLUE DYE EPOXY		gm	06/10/2015
0001341951		TRA-CON BLUE DYE EPOXY		gm	06/10/2015
0001341952		TRA-CON BLUE DYE EPOXY	2.5	gm	06/10/2015
0001341953		TRA-CON BLUE DYE EPOXY		gm	06/10/2015
0001341954		TRA-CON BLUE DYE EPOXY		gm	06/10/2015
0001341956		TRA-CON BLUE DYE EPOXY		gm	06/10/2015
0001341994		TRA-CON BLUE DYE EPOXY	2.5	gm	06/10/2015
0001327635	1693-74-9	TETRAHYDROFURAN-D8		ml	06/10/2015
0001327669	56-81-5	GLYCEROL [GLYCERIN]	4	I	06/10/2015
0001341982		TRA-CON BLUE DYE EPOXY	2.5	gm	06/10/2015
0001341983		TRA-CON BLUE DYE EPOXY		gm	06/10/2015
0001341984		TRA-CON BLUE DYE EPOXY		gm	06/10/2015
0001341986		TRA-CON BLUE DYE EPOXY		gm	06/10/2015
0001341988		TRA-CON BLUE DYE EPOXY		gm	06/10/2015
0001341989		TRA-CON BLUE DYE EPOXY		gm	06/10/2015
0001341990		TRA-CON BLUE DYE EPOXY		gm	06/10/2015
0001341991		TRA-CON BLUE DYE EPOXY		gm	06/10/2015

			Container	Unit of	
Barcode	CAS#	Chemical Name	Size	Measure	Date
0001341976		TRA-CON BLUE DYE EPOXY	2.5	gm	06/10/2015
0001341993		TRA-CON BLUE DYE EPOXY		gm	06/10/2015
0001341968		TRA-CON BLUE DYE EPOXY	2.5	gm	06/10/2015
0001341981		TRA-CON BLUE DYE EPOXY	2.5	gm	06/10/2015
0001341980		TRA-CON BLUE DYE EPOXY	2.5	gm	06/10/2015
0001341979		TRA-CON BLUE DYE EPOXY	2.5	gm	06/10/2015
0001341977		TRA-CON BLUE DYE EPOXY	2.5	gm	06/10/2015
0001341975		TRA-CON BLUE DYE EPOXY	2.5	gm	06/10/2015
0001341974		TRA-CON BLUE DYE EPOXY	2.5	gm	06/10/2015
0001341973		TRA-CON BLUE DYE EPOXY	2.5	gm	06/10/2015
0001341972		TRA-CON BLUE DYE EPOXY	2.5	gm	06/10/2015
0001341971		TRA-CON BLUE DYE EPOXY	2.5	gm	06/10/2015
0001341970		TRA-CON BLUE DYE EPOXY	2.5	gm	06/10/2015
0001341969		TRA-CON BLUE DYE EPOXY	2.5	gm	06/10/2015
0001341992		TRA-CON BLUE DYE EPOXY	2.5	gm	06/10/2015
0001327612	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	500		06/10/2015
0001327622		LUBRICANT	18	OZ	06/10/2015
0001327621		LUBRICANT	18	OZ	06/10/2015
0001327620		LUBRICANT	18	OZ	06/10/2015
0001327619		LUBRICANT	18	OZ	06/10/2015
0001327618	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	500	ml	06/10/2015
0001327617	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	500	ml	06/10/2015
0001327616	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	500	ml	06/10/2015
0001327615	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	500	ml	06/10/2015
0001327667	7647-01-0	HYDROCHLORIC ACID TRACE METAL-35%	500	ml	06/10/2015
0001327613	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	500	ml	06/10/2015
0001311607		VULKEM 116 POLYURETHANE SEALANT	10.1	oz	06/10/2015
0001327634		PLATINUM STANDARD	500	ml	06/10/2015
0001327633	14284-89-0	MANGANESE(III) ACETYLACETONATE	25	gm	06/10/2015
0001327632	57-14-7	1,1-DIMETHYLHYDRAZINE	100	gm	06/10/2015
0001327631	20710-47-8	iodomethane-13C,D3	1		06/10/2015
0001327630	1344-28-1	ALUMINUM OXIDE POWDER	5	lb	06/10/2015
0001327629		94 SERIES IONIC STRENGTH ADJUSTOR	475		06/10/2015
0001327628		94 SERIES IONIC STRENGTH ADJUSTOR	475	ml	06/10/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001327627	12060-08-1	SCANDIUM(III) OXIDE	5	gm	06/10/2015
0001327611	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	500	ml	06/10/2015
0001327614	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	500	ml	06/10/2015
0001327680	108-88-3	TOLUENE	1	I	06/10/2015
0001341920		TRA-CON BLUE DYE EPOXY	2.5	gm	06/10/2015
0001341919		TRA-CON BLUE DYE EPOXY		gm	06/10/2015
0001341918		TRA-CON BLUE DYE EPOXY		gm	06/10/2015
0001341917		TRA-CON BLUE DYE EPOXY		gm	06/10/2015
0001341916		TRA-CON BLUE DYE EPOXY		gm	06/10/2015
0001341915		TRA-CON BLUE DYE EPOXY		gm	06/10/2015
0001341914		TRA-CON BLUE DYE EPOXY		gm	06/10/2015
0001341913		TRA-CON BLUE DYE EPOXY		gm	06/10/2015
0001341912		TRA-CON BLUE DYE EPOXY	2.5	gm	06/10/2015
0001327623	10493-44-4	4-Bromo-1,1,2-trifluoro-1-butene		gm	06/10/2015
0001327681	64-04-0	PHENETHYLAMINE	250	ml	06/10/2015
0001311606		VULKEM 116 POLYURETHANE SEALANT	10.1	oz	06/10/2015
0001327679	1310-73-2	SODIUM HYDROXIDE	1	kg	06/10/2015
0001327678	108-88-3	TOLUENE	2	I	06/10/2015
0001327677	110-54-3	HEXANE (HEXANE, ANHYDROUS)	2	I	06/10/2015
0001327676		HCS:B1 Scintillation Phosphor	500	gm	06/10/2015
0001327675		HCS:B1 Scintillation Phosphor	500	gm	06/10/2015
0001327674	64742-89-8	LIGHT ALIPHATIC SOLVENT NAPHTHA	1	pt	06/10/2015
0001327673		Optishield Corrosion Inhibitor	1	pt	06/10/2015
0001327661	1310-73-2	SODIUM HYDROXIDE	1	I	06/10/2015
0001327608	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	500	ml	06/10/2015
0001341911		TRA-CON BLUE DYE EPOXY	2.5	gm	06/10/2015
0001327644	76089-77-5	CERIUM (III) TRIFLUOROMETHANESULFONATE		gm	06/10/2015
0001327610	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	500	ml	06/10/2015
0001327664	1336-21-6	AMMONIUM HYDROXIDE	500	ml	06/10/2015
0001327663	7697-37-2	NITRIC ACID, TRACEMETAL	500		06/10/2015
0001327662	7697-37-2	NITRIC ACID, TRACEMETAL	500		06/10/2015
0001327660		ethanol	4	I	06/10/2015

Barcode	CAS#	Chemical Name	Container	Unit of	Date
			Size	Measure	
0001327659	6132-04-3	SODIUM CITRATE,	100		06/10/2015
0001327658	629-11-8	1,6-HEXANEDIOL	100		06/10/2015
0001327657	25322-68-3	POLYETHYLENE GLYCOL 300	100	ml	06/10/2015
0001327656	9004-74-4	POLY(ETHYLENE GLYCOL) METHYL ETHER	100	ml	06/10/2015
0001327666	7664-39-3	HYDROFLUORIC ACID	500		06/10/2015
0001327645	7790-87-6	CERIUM (III) IODIDE	25	gm	06/10/2015
0001341942		TRA-CON BLUE DYE EPOXY	2.5	gm	06/10/2015
0001327643	76089-77-5	CERIUM (III) TRIFLUOROMETHANESULFONATE	25	gm	06/10/2015
0001327642		4929N SILVER COMPOSITION	100	gm	06/10/2015
0001327641		HAFNIUM ETHOXIDE	25	gm	06/10/2015
0001280771		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001327640		HAFNIUM ETHOXIDE	25	gm	06/10/2015
0001327639		HAFNIUM ETHOXIDE		gm	06/10/2015
0001327638		HAFNIUM ETHOXIDE		gm	06/10/2015
0001327637		HAFNIUM ETHOXIDE	25	gm	06/10/2015
0001311608		BLACK JACK ULTRA ROOF 1000	5	gal	06/10/2015
0001327655	12125-02-9	AMMONIUM CHLORIDE	250	ml	06/10/2015
0001327500	7732-18-5	WATER	20	I	06/10/2015
0001327636	10043-35-3	BORIC ACID	500	gm	06/10/2015
0001327607	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	500	ml	06/10/2015
0001327604	811-97-2	DUSTER ES1017	10	OZ	06/10/2015
0001327603	811-97-2	DUSTER ES1017	10	oz	06/10/2015
0001327602	811-97-2	DUSTER ES1017	10	oz	06/10/2015
0001327601	811-97-2	DUSTER ES1017		oz	06/10/2015
0001327600	51429-74-4	PHOSPHOMOLYBDIC ACID HYDRATE (MOLYBDOPHOSPHORIC ACID)	100	gm	06/10/2015
0001327504	67-63-0	2-PROPANOL	4	ı	06/10/2015
0001327503	67-63-0	2-PROPANOL	4		06/10/2015
0001327665	1336-21-6	AMMONIUM HYDROXIDE	500	ml	06/10/2015
0001327501	67-63-0	2-PROPANOL	4	ı	06/10/2015
0001327609	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	500	ml	06/10/2015
0001280630		SP 705 Non-Chlorinated Brake & Parts Cleaner	12	OZ	06/10/2015
0001280629		SP 705 Non-Chlorinated Brake & Parts Cleaner	12	oz	06/10/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001280628		SP 705 Non-Chlorinated Brake & Parts Cleaner	12	OZ	06/10/2015
0001280627		SP 705 Non-Chlorinated Brake & Parts Cleaner	12	oz	06/10/2015
0001327672	56-81-5	GLYCEROL [GLYCERIN]	4	I	06/10/2015
0001327671	56-81-5	GLYCEROL [GLYCERIN]	4	I	06/10/2015
0001327670	56-81-5	GLYCEROL [GLYCERIN]	4	I	06/10/2015
0001341985		TRA-CON BLUE DYE EPOXY	2.5	gm	06/10/2015
0001327668	7647-01-0	HYDROCHLORIC ACID TRACE METAL-35%	500	ml	06/10/2015
0001327502	67-63-0	2-PROPANOL	4	1	06/10/2015
0001342005		TRA-CON BLUE DYE EPOXY	2.5	gm	06/10/2015
0001280609		SPRAYON HEAVY DUTY SILICONE MOLD RELEASE		OZ	06/10/2015
0001280608		SPRAYON HEAVY DUTY SILICONE MOLD RELEASE	16	oz	06/10/2015
0001280607		SPRAYON HEAVY DUTY SILICONE MOLD RELEASE	16	oz	06/10/2015
0001280601		Loctite 545 Thread Sealant	50	ml	06/10/2015
0001280778		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001280777		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001342010		TRA-CON BLUE DYE EPOXY		gm	06/10/2015
0001342009		TRA-CON BLUE DYE EPOXY		gm	06/10/2015
0001342008		TRA-CON BLUE DYE EPOXY		gm	06/10/2015
0001342007		TRA-CON BLUE DYE EPOXY		gm	06/10/2015
0001342006		TRA-CON BLUE DYE EPOXY		gm	06/10/2015
0001202221		CoolLube 2210	1	gal	06/10/2015
0001280688		DOUBLE BUBBLE EPOXY	3.5	gm	06/10/2015
0001280680		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001280612		SPRAYON HEAVY DUTY SILICONE MOLD RELEASE		OZ	06/10/2015
0001342004		TRA-CON BLUE DYE EPOXY	2.5	gm	06/10/2015
0001342003		TRA-CON BLUE DYE EPOXY		gm	06/10/2015
0001342002		TRA-CON BLUE DYE EPOXY		gm	06/10/2015
0001342000		TRA-CON BLUE DYE EPOXY	2.5	gm	06/10/2015
0001341998		TRA-CON BLUE DYE EPOXY		gm	06/10/2015
0001280681		DOUBLE BUBBLE EPOXY	3.5	gm	06/10/2015
0001280682		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001280683		DOUBLE BUBBLE EPOXY	3.5	gm	06/10/2015
0001280684		DOUBLE BUBBLE EPOXY	3.5	gm	06/10/2015
0001280685		DOUBLE BUBBLE EPOXY	3.5	gm	06/10/2015
0001280686		DOUBLE BUBBLE EPOXY	3.5	gm	06/10/2015
0001280687		DOUBLE BUBBLE EPOXY	3.5	gm	06/10/2015
0001280679		DOUBLE BUBBLE EPOXY	3.5	gm	06/10/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001280246		Mobil Machine Tool Long Life Coolant	55	gal	06/10/2015
0001280622		SP 705 Non-Chlorinated Brake & Parts Cleaner	12	OZ	06/10/2015
0001280623		SP 705 Non-Chlorinated Brake & Parts Cleaner	12	OZ	06/10/2015
0001280624		SP 705 Non-Chlorinated Brake & Parts Cleaner	12	OZ	06/10/2015
0001280625		SP 705 Non-Chlorinated Brake & Parts Cleaner	12	OZ	06/10/2015
0001280626		SP 705 Non-Chlorinated Brake & Parts Cleaner	12	OZ	06/10/2015
0001342011	1184-78-7	TRIMETHYLAMINE N-OXIDE	5	gm	06/10/2015
0001342012	7664-38-2	PHOSPHORIC ACID 85%	500	_	06/10/2015
0001342013		CFdye amine		mg	06/10/2015
0001342014	57-50-1	SUCROSE		mg	06/10/2015
0001342015	89-78-1	MENTHOL	125		06/10/2015
0001342016	67-68-5	DIMETHYL SULFOXIDE		gm	06/10/2015
0001342017	64-17-5	ETHYL ALCOHOL-200 PROOF	500		06/10/2015
0001342017	04 17 3	SPRAYON HEAVY DUTY SILICONE MOLD RELEASE		OZ	06/10/2015
0001382383	7732-18-5	Hydrochloric Acid 30-31%	3000	lb	06/10/2015
0001280611		SPRAYON HEAVY DUTY SILICONE MOLD RELEASE		OZ	06/10/2015
0001341941		TRA-CON BLUE DYE EPOXY	2.5	gm	06/10/2015
0001341987		TRA-CON BLUE DYE EPOXY		gm	06/10/2015
0001311605		VULKEM 116 POLYURETHANE SEALANT	10.1		06/10/2015
0001280621		SP 705 Non-Chlorinated Brake & Parts Cleaner	12	OZ	06/10/2015
0001280620		SP 705 Non-Chlorinated Brake & Parts Cleaner	12	oz	06/10/2015
0001280619		SP 705 Non-Chlorinated Brake & Parts Cleaner	12	OZ	06/10/2015
0001280618		SPRAYON HEAVY DUTY SILICONE MOLD RELEASE	16	OZ	06/10/2015
0001280617		SPRAYON HEAVY DUTY SILICONE MOLD RELEASE	16	OZ	06/10/2015
0001280616		SPRAYON HEAVY DUTY SILICONE MOLD RELEASE	16	OZ	06/10/2015
0001280615		SPRAYON HEAVY DUTY SILICONE MOLD RELEASE	16	OZ	06/10/2015
0001280614		SPRAYON HEAVY DUTY SILICONE MOLD RELEASE	16	OZ	06/10/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001280613		SPRAYON HEAVY DUTY SILICONE MOLD RELEASE	16	OZ	06/10/2015
0001341999		TRA-CON BLUE DYE EPOXY	2.5	gm	06/10/2015
0001382382	7705-08-0	FERRIC CHLORIDE	3400	lb	06/10/2015
0001280725		DOUBLE BUBBLE EPOXY	3.5	gm	06/10/2015
0001280711		DOUBLE BUBBLE EPOXY	3.5	gm	06/10/2015
0001280712		DOUBLE BUBBLE EPOXY	3.5	gm	06/10/2015
0001280726		DOUBLE BUBBLE EPOXY	3.5	gm	06/10/2015
0001280714		DOUBLE BUBBLE EPOXY	3.5	gm	06/10/2015
0001280716		DOUBLE BUBBLE EPOXY	3.5	gm	06/10/2015
0001280717		DOUBLE BUBBLE EPOXY	3.5	gm	06/10/2015
0001280718		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001280719		DOUBLE BUBBLE EPOXY	3.5	gm	06/10/2015
0001280720		DOUBLE BUBBLE EPOXY	3.5	gm	06/10/2015
0001280721		DOUBLE BUBBLE EPOXY	3.5	gm	06/10/2015
0001280722		DOUBLE BUBBLE EPOXY	3.5	gm	06/10/2015
0001280710		DOUBLE BUBBLE EPOXY	3.5	gm	06/10/2015
0001280724		DOUBLE BUBBLE EPOXY	3.5	gm	06/10/2015
0001280713		DOUBLE BUBBLE EPOXY	3.5	gm	06/10/2015
0001280689		DOUBLE BUBBLE EPOXY	3.5	gm	06/10/2015
0001341936		TRA-CON BLUE DYE EPOXY		gm	06/10/2015
0001342001		TRA-CON BLUE DYE EPOXY	2.5	gm	06/10/2015
0001341935		TRA-CON BLUE DYE EPOXY		gm	06/10/2015
0001341934		TRA-CON BLUE DYE EPOXY		gm	06/10/2015
0001341933		TRA-CON BLUE DYE EPOXY		gm	06/10/2015
0001341932		TRA-CON BLUE DYE EPOXY	+	gm	06/10/2015
0001341931		TRA-CON BLUE DYE EPOXY		gm	06/10/2015
0001341995		TRA-CON BLUE DYE EPOXY		gm	06/10/2015
0001341996		TRA-CON BLUE DYE EPOXY		gm	06/10/2015
0001341997		TRA-CON BLUE DYE EPOXY		gm	06/10/2015
0001280723		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001341939		TRA-CON BLUE DYE EPOXY		gm	06/10/2015
0001280690		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001280691		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001280692		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001280693		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001280694		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001280695		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001280696		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001280715	 	DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001280709		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001280698	-	DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001280697	 	DOUBLE BUBBLE EPOXY	1	gm	06/10/2015
0001280699		DOUBLE BUBBLE EPOXY	1	gm	06/10/2015
0001280704		DOUBLE BUBBLE EPOXY	3.5	gm	06/10/2015

Barcode	CAS#	Chemical Name	Container	Unit of	Date
Barcoue	CA3#	Chemical Name	Size	Measure	Date
0001280708		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001280707		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001280706		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001280705		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001341940		TRA-CON BLUE DYE EPOXY		gm	06/10/2015
0001341937		TRA-CON BLUE DYE EPOXY		gm	06/10/2015
0001341938		TRA-CON BLUE DYE EPOXY		gm	06/10/2015
0001280703		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001280702		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001280701 0001280700		DOUBLE BUBBLE EPOXY DOUBLE BUBBLE EPOXY		gm	06/10/2015 06/10/2015
0001280700		DOUBLE BUBBLE EPOXY		gm gm	06/10/2015
0001280730		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001280731		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001280732		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001280745		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001280746		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001280747		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001280748		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001280741		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001280744		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001280734		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001341930		TRA-CON BLUE DYE EPOXY		gm	06/10/2015
0001341929		TRA-CON BLUE DYE EPOXY	2.5	gm	06/10/2015
0001341928		TRA-CON BLUE DYE EPOXY	2.5	gm	06/10/2015
0001341927		TRA-CON BLUE DYE EPOXY	2.5	gm	06/10/2015
0001341926		TRA-CON BLUE DYE EPOXY		gm	06/10/2015
0001341925		TRA-CON BLUE DYE EPOXY		gm	06/10/2015
0001341924		TRA-CON BLUE DYE EPOXY	2.5	gm	06/10/2015
0001341923		TRA-CON BLUE DYE EPOXY		gm	06/10/2015
0001341922		TRA-CON BLUE DYE EPOXY		gm	06/10/2015
0001280743		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001280733		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001280729		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001280735		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001280736		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001280737		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001280738		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001280739		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001280740 0001280766		DOUBLE BUBBLE EPOXY DOUBLE BUBBLE EPOXY		gm gm	06/10/2015 06/10/2015
0001280766		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001280742		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001280727		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001280728		TRA-CON BLUE DYE EPOXY		1	06/10/2015
0001341371		TINA-CON BLUE DIE EPUXI	2.5	gm	00/10/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001280773		DOUBLE BUBBLE EPOXY	3.5	gm	06/10/2015
0001280764		DOUBLE BUBBLE EPOXY	3.5	gm	06/10/2015
0001280750		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001280776		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001280774		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001280772		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001280770		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001280768		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001280767		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001280765		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001280763		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001280769		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001280761		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001280775		DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001280762	7440.07.4	DOUBLE BUBBLE EPOXY		gm	06/10/2015
0001362622	7440-37-1	ARGON, COMPRESSED	220		06/11/2015
0001362625	7440-37-1	ARGON, COMPRESSED	220	ļ	06/11/2015
0001362623	7440-37-1	ARGON, COMPRESSED	220		06/11/2015
0001362624	7440-37-1	ARGON, COMPRESSED	220	ļ	06/11/2015
0001362621	7440-37-1	ARGON, COMPRESSED	220		06/11/2015
0001362626 0001362627	7440-37-1 7440-37-1	ARGON, COMPRESSED	220 220		06/11/2015
0001382827	/440-37-1	ARGON, COMPRESSED TOTAL CHLORINE BUFFER SOL	473		06/11/2015 06/11/2015
0001362628	7440-37-1	ARGON, COMPRESSED	220	cf	06/11/2015
0001362620	7440-37-1	ARGON, COMPRESSED	220		06/11/2015
0001362629	7440 37 1	P-10 (90% ARGON 10% METHANE)	220		06/11/2015
0001389921		TOTAL CHLORINE BUFFER SOL	473	ml	06/11/2015
0001389914		TOTAL CHLORINE BUFFER SOL	473	ml	06/11/2015
0001389915		TOTAL CHLORINE BUFFER SOL	473	ml	06/11/2015
0001389916		TOTAL CHLORINE BUFFER SOL	473	ml	06/11/2015
0001362656	7440-37-1	ARGON, COMPRESSED	220	cf	06/11/2015
0001362630		P-10 (90% ARGON 10% METHANE)	220	cf	06/11/2015
0001389913		TOTAL CHLORINE BUFFER SOL	473	ml	06/11/2015
0001389912		TOTAL CHLORINE BUFFER SOL	473	ml	06/11/2015
0001389917		TOTAL CHLORINE BUFFER SOL	473	ml	06/11/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001389918		TOTAL CHLORINE BUFFER SOL	473	ml	06/11/2015
0001389919		TOTAL CHLORINE BUFFER SOL	473	ml	06/11/2015
0001389911		TOTAL CHLORINE BUFFER SOL	473	ml	06/11/2015
0001389920		TOTAL CHLORINE BUFFER SOL	473	ml	06/11/2015
0001362619	7440-37-1	ARGON, COMPRESSED	220	cf	06/11/2015
0001362612		Oxygen 21%, Helium balance	220	cf	06/11/2015
0001389909		TOTAL CHLORINE BUFFER SOL	473	ml	06/11/2015
0001362613		Oxygen 21%, Helium balance	220	cf	06/11/2015
0001389908		TOTAL CHLORINE BUFFER SOL	473	ml	06/11/2015
0001389907		TOTAL CHLORINE BUFFER SOL	473	ml	06/11/2015
0001362614	7440-37-1	ARGON, COMPRESSED	220	cf	06/11/2015
0001362615	7440-37-1	ARGON, COMPRESSED	220	cf	06/11/2015
0001362616	7440-37-1	ARGON, COMPRESSED	220	cf	06/11/2015
0001362617	7440-37-1	ARGON, COMPRESSED	220	cf	06/11/2015
0001362618	7440-37-1	ARGON, COMPRESSED	220	cf	06/11/2015
0001389910		TOTAL CHLORINE BUFFER SOL	473	ml	06/11/2015
0001389928		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473	ml	06/11/2015
0001362658	7440-37-1	ARGON, COMPRESSED	220	cf	06/11/2015
0001389935		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473	ml	06/11/2015
0001389934		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473	ml	06/11/2015
0001389933		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473	ml	06/11/2015
0001389932		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473	ml	06/11/2015
0001389931		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473	ml	06/11/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001389937		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473	ml	06/11/2015
0001389929		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473	ml	06/11/2015
0001389938		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473	ml	06/11/2015
0001389927		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473	ml	06/11/2015
0001389926		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473	ml	06/11/2015
0001389925		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473	ml	06/11/2015
0001389924		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473	ml	06/11/2015
0001389922		TOTAL CHLORINE BUFFER SOL	473	ml	06/11/2015
0001362653	7440-37-1	ARGON, COMPRESSED	220	cf	06/11/2015
0001362652	7440-37-1	ARGON, COMPRESSED	220		06/11/2015
0001389930		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473	ml	06/11/2015
0001389946		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473	ml	06/11/2015
0001362654	7440-37-1	ARGON, COMPRESSED	220	cf	06/11/2015
0001389954		DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	gm	06/11/2015
0001389953		DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	gm	06/11/2015
0001389952		DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	gm	06/11/2015
0001389951		DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	gm	06/11/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001389950		DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	gm	06/11/2015
0001389936		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473	ml	06/11/2015
0001389948		DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	gm	06/11/2015
0001362649	7440-37-1	ARGON, COMPRESSED	220	cf	06/11/2015
0001389945		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473	ml	06/11/2015
0001389944		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473	ml	06/11/2015
0001389943		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473	ml	06/11/2015
0001389942		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473	ml	06/11/2015
0001389941		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473	ml	06/11/2015
0001389940		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473	ml	06/11/2015
0001389939		TOTAL CHLORINE INDICATOR SOLUTION# 22634-11	473	ml	06/11/2015
0001389949		DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	gm	06/11/2015
0001362670	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/11/2015
0001362637		P-10 (90% ARGON 10% METHANE)	220	cf	06/11/2015
0001362663	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/11/2015
0001362664	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/11/2015
0001362665	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/11/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001362666	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/11/2015
0001362667	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/11/2015
0001362651	7440-37-1	ARGON, COMPRESSED	220	cf	06/11/2015
0001362669	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/11/2015
0001362660	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/11/2015
0001362671	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/11/2015
0001362672	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/11/2015
0001362636		P-10 (90% ARGON 10% METHANE)	220	cf	06/11/2015
0001362635		P-10 (90% ARGON 10% METHANE)	220	cf	06/11/2015
0001362634		P-10 (90% ARGON 10% METHANE)	220	cf	06/11/2015
0001362633		P-10 (90% ARGON 10% METHANE)	220	cf	06/11/2015
0001362632		P-10 (90% ARGON 10% METHANE)	220	cf	06/11/2015
0001362668	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/11/2015
0001362640		P-10 (90% ARGON 10% METHANE)	220	cf	06/11/2015
0001362631		P-10 (90% ARGON 10% METHANE)	220	cf	06/11/2015
0001362648	7440-37-1	ARGON, COMPRESSED	220	cf	06/11/2015
0001362647	7440-37-1	ARGON, COMPRESSED	220	cf	06/11/2015
0001362646	7440-37-1	ARGON, COMPRESSED	220		06/11/2015
0001362645	7440-37-1	ARGON, COMPRESSED	220		06/11/2015
0001362644	7440-37-1	ARGON, COMPRESSED	220	cf	06/11/2015
0001362643		P-10 (90% ARGON 10% METHANE)	220	cf	06/11/2015
0001362662	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/11/2015
0001362641		P-10 (90% ARGON 10% METHANE)	220	cf	06/11/2015
0001362661	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/11/2015
0001362639		P-10 (90% ARGON 10% METHANE)	220	cf	06/11/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001362638		P-10 (90% ARGON 10% METHANE)	220	cf	06/11/2015
0001342024	7782-68-5	HYDROGEN IODATE (ACID IODIC)	100	gm	06/11/2015
0001362657	7440-37-1	ARGON, COMPRESSED	220	cf	06/11/2015
0001389905		TOTAL CHLORINE BUFFER SOL	473	ml	06/11/2015
0001362659	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/11/2015
0001362650	7440-37-1	ARGON, COMPRESSED	220	cf	06/11/2015
0001362642		P-10 (90% ARGON 10% METHANE)	220	cf	06/11/2015
0001362697	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/11/2015
0001342026	107-21-1	ETHYLENE GLYCOL (ETHYLENE GLYCOL, ANHYDROUS)	1	I	06/11/2015
0001327648		FLUORIDE STANDARD	500	ml	06/11/2015
0001327647	7647-14-5	CHLORIDE STANDARD	500	ml	06/11/2015
0001327646	7647-15-6	BROMIDE STANDARD	500		06/11/2015
0001327519		SULFATE STANDARD	500		06/11/2015
0001327518		OXALATE STANDARD	125	ml	06/11/2015
0001327517		CUSTOM ION STANDARD PHOSPHATE-P	500	ml	06/11/2015
0001362703	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/11/2015
0001362702	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/11/2015
0001362701	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/11/2015
0001362700	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/11/2015
0001327694	6080-56-4	LEAD(II) ACETATE TRIHYDRATE	500	gm	06/11/2015
0001362698	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/11/2015
0001327693	557-34-6	ZINC ACETATE	25	gm	06/11/2015
0001362696	7727-37-9	NITROGEN, COMPRESSED GAS	220		06/11/2015
0001362695	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/11/2015
0001362694	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/11/2015
0001362693	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/11/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001362692	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/11/2015
0001362691	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/11/2015
0001362690	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/11/2015
0001362689	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/11/2015
0001362688	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/11/2015
0001311613		DERBIGUM MS PRIMER	5	gal	06/11/2015
0001311612		DERBIGUM MS PRIMER		gal	06/11/2015
0001311611		DERBIGUM MS PRIMER		gal	06/11/2015
0001362699	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/11/2015
0001389902		TOTAL CHLORINE BUFFER SOL	473	ml	06/11/2015
0001327691	7681-65-4	COPPER(I) IODIDE	5	gm	06/11/2015
0001327690	25114-58-3	INDIUM (III) ACETATE		gm	06/11/2015
0001327689	25114-58-3	INDIUM (III) ACETATE		gm	06/11/2015
0001327688	16593-81-0	4-(2-PYRIDYLAZO)RESORCINOL, MONOSODIUM SALT HYDRATE	5	gm	06/11/2015
0001327687	546-67-8	LEAD (IV) ACETATE	100	gm	06/11/2015
0001327686	527-17-3	DUROQUINONE		gm	06/11/2015
0001327685	67-71-0	Dimethyl sulfone	1	gm	06/11/2015
0001389977		COTE ALL MULTI-PURPOSE ENAMEL	1	gal	06/11/2015
0001389976		COTE ALL MULTI-PURPOSE ENAMEL	1	gal	06/11/2015
0001362676	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/11/2015
0001362655	7440-37-1	ARGON, COMPRESSED	220	cf	06/11/2015
0001327649	7631-99-4	NITRATE STANDARD	500		06/11/2015
0001389903		TOTAL CHLORINE BUFFER SOL	473	ml	06/11/2015
0001362714	7440-59-7	HELIUM	220	cf	06/11/2015
0001389901		TOTAL CHLORINE BUFFER SOL	473		06/11/2015
0001389900		TOTAL CHLORINE BUFFER SOL	473	ml	06/11/2015
0001389978		KRUD KUTTER CLEANER/DEGREASER	1	gal	06/11/2015
0001327684	4316-42-1	1-BUTYLIMIDAZOLE	100	gm	06/11/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001327683	74-89-5	METHYLAMINE SOLUTION, 40%	1	ı	06/11/2015
0001327682	96-48-0	GAMMA-BUTYROLACTONE (4- HYDROXYBUTYRIC ACID GAMMA- LACTONE)	500	gm	06/11/2015
0001327654		PERCHLORATE STANDARD	500	ml	06/11/2015
0001327653		OXALATE STANDARD	500		06/11/2015
0001327652		SULFATE STANDARD	500		06/11/2015
0001327651		PHOSPHATE STANDARD	500		06/11/2015
0001327650		NITRITE STANDARD	500	†	06/11/2015
0001327692	7681-65-4	COPPER(I) IODIDE	5	gm	06/11/2015
0001389904		TOTAL CHLORINE BUFFER SOL	473	ml	06/11/2015
0001362680	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/11/2015
0001327705		VACUUM PUMP OIL	1	I	06/11/2015
0001342018	10102-40-6	SODIUM MOLYBDATE, DIHYDRATE	1	kg	06/11/2015
0001342019	10102-40-6	SODIUM MOLYBDATE, DIHYDRATE	1	kg	06/11/2015
0001342020	7697-37-2	NITRIC ACID CERTIFIED ACS	2.5	I	06/11/2015
0001342021	7697-37-2	NITRIC ACID OPTIMA	2	1	06/11/2015
0001342022	7697-37-2	NITRIC ACID OPTIMA	2	1	06/11/2015
0001342023	7789-38-0	SODIUM BROMATE	250	gm	06/11/2015
0001342025	7772-99-8	Tin(II) Chloride	10	gm	06/11/2015
0001342027	877-24-7	BUFFER PH 4 (RED BUFFER)	16	oz	06/11/2015
0001362684	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/11/2015
0001362683	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/11/2015
0001311610		DERBIGUM MS PRIMER	5	gal	06/11/2015
0001362681	7727-37-9	NITROGEN, COMPRESSED GAS	220		06/11/2015
0001327702		VACUUM PUMP OIL	1	1	06/11/2015
0001362679	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/11/2015
0001362678	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/11/2015
0001342028	877-24-7	BUFFER PH 4 (RED BUFFER)	16	OZ	06/11/2015
0001342029	1	BUFFER PH 7.00		OZ	06/11/2015
0001342030	1314-98-3	ZINC SULFIDE		gm	06/11/2015
0001342031	1314-95-0	TIN (II) SULFIDE		gm	06/11/2015
0001382384	7786-30-3	MAGNESIUM CHLORIDE	3300		06/11/2015
0001382385	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	06/11/2015
0001382386	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	06/11/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001382387	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	06/11/2015
0001382388	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	06/11/2015
0001362610		Oxygen 21%, Helium balance	220	cf	06/11/2015
0001362682	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/11/2015
0001362704	7440-59-7	HELIUM	220	cf	06/11/2015
0001362611		Oxygen 21%, Helium balance	220	cf	06/11/2015
0001362713	7440-59-7	HELIUM	220	cf	06/11/2015
0001362712	7440-59-7	HELIUM	220	cf	06/11/2015
0001362687	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/11/2015
0001362686	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/11/2015
0001362685	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/11/2015
0001362711	7440-59-7	HELIUM	220	cf	06/11/2015
0001362710	7440-59-7	HELIUM	220	cf	06/11/2015
0001362709	7440-59-7	HELIUM	220	cf	06/11/2015
0001362708	7440-59-7	HELIUM	220	cf	06/11/2015
0001362707	7440-59-7	HELIUM	220	cf	06/11/2015
0001362706	7440-59-7	HELIUM	220	cf	06/11/2015
0001327704		VACUUM PUMP OIL	1	I	06/11/2015
0001362705	7440-59-7	HELIUM	220	cf	06/11/2015
0001327703		VACUUM PUMP OIL	1	1	06/11/2015
0001362673	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/11/2015
0001362674	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/11/2015
0001362675	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/11/2015
0001362677	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/11/2015
0001327695	19764-96-6	1,1',3,3,3',3'- Hexamethylindotricarbocyanine iodide	100	mg	06/11/2015
0001327696	7782-49-2	SELENIUM PELLETS, 2MM	250	gm	06/11/2015
0001327697	64-19-7	ACETIC ACID	500	~	06/11/2015
0001327698		VACUUM PUMP OIL	1	1.	06/11/2015
0001327699		VACUUM PUMP OIL	1		06/11/2015
0001327700		VACUUM PUMP OIL	1		06/11/2015
0001327701		VACUUM PUMP OIL	1		06/11/2015
0001311609		DERBIGUM MS PRIMER	5	gal	06/11/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001389975		COTE ALL MULTI-PURPOSE ENAMEL	1	gal	06/11/2015
0001389969		DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	gm	06/11/2015
0001389970		DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	gm	06/11/2015
0001389972		COTE ALL MULTI-PURPOSE ENAMEL	1	gal	06/11/2015
0001389974		COTE ALL MULTI-PURPOSE ENAMEL	1	gal	06/11/2015
0001389968		DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	gm	06/11/2015
0001389961		DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	gm	06/11/2015
0001389973		COTE ALL MULTI-PURPOSE ENAMEL	1	gal	06/11/2015
0001389967		DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	gm	06/11/2015
0001389966		DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	gm	06/11/2015
0001389965		DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	gm	06/11/2015
0001389964		DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	gm	06/11/2015
0001389962		DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	gm	06/11/2015
0001389960		DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	gm	06/11/2015
0001389959		DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	gm	06/11/2015
0001389958		DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	gm	06/11/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001389957		DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	gm	06/11/2015
0001389956		DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	gm	06/11/2015
0001389955		DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	gm	06/11/2015
0001389963		DPD COMPOUND FOR FREE AND TOTAL CHLORINE ANALYZERS	24	gm	06/11/2015
0001390015		ALEX PLUS	10.1	oz	06/12/2015
0001390102		CLOROX	1	gal	06/12/2015
0001390084		CLOROX		gal	06/12/2015
0001327739	1302-42-7	SODIUM ALUMINATE	100	gm	06/12/2015
0001389990		CLOROX		gal	06/12/2015
0001389992		CLOROX		gal	06/12/2015
0001389993		CLOROX		gal	06/12/2015
0001390094		CLOROX		gal	06/12/2015
0001390095		CLOROX	+	gal	06/12/2015
0001390096		CLOROX		gal	06/12/2015
0001390097		CLOROX		gal	06/12/2015
0001390098		CLOROX		gal	06/12/2015
0001390099 0001327738	10031-22-8	CLOROX		gal	06/12/2015
0001327738	10031-22-8	LEAD BROMIDE CLOROX		gm gal	06/12/2015 06/12/2015
0001390101	68-12-2	N,N-DIMETHYLFORMAMIDE	1		06/12/2015
0001327730	08-12-2	CLOROX		gal	06/12/2015
0001390103		CLOROX		gal	06/12/2015
0001390105		CLOROX		gal	06/12/2015
0001390106		CLOROX		gal	06/12/2015
0001390107		CLOROX		gal	06/12/2015
0001390108		CLOROX		gal	06/12/2015
0001390109		BLACK JACK ROOF GARD 700		gal	06/12/2015
0001390110		BLACK JACK ROOF GARD 700	5	gal	06/12/2015
0001390111		BLACK JACK ROOF GARD 700	5	gal	06/12/2015
0001317822	10035-04-8	CALCIUM CHLORIDE DIHYDRATE	500	gm	06/12/2015
0001317820	9005-64-5	TWEEN 20	100	ml	06/12/2015
0001317816	74124-79-1	N,N'-DISUCCINIMIDYL CARBO	25	gm	06/12/2015

			Container	Unit of	
Barcode	CAS#	Chemical Name	Size	Measure	Date
0001390100		CLOROX	1	gal	06/12/2015
0001390018		ALEX PLUS	10.1	OZ	06/12/2015
0001390085		CLOROX	1	gal	06/12/2015
0001390086		CLOROX	1	gal	06/12/2015
0001390087		CLOROX	1	gal	06/12/2015
0001390088		CLOROX	1	gal	06/12/2015
0001390089		CLOROX	1	gal	06/12/2015
0001390090		CLOROX	1	gal	06/12/2015
0001390091		CLOROX	1	gal	06/12/2015
0001390092		CLOROX	1	gal	06/12/2015
0001390093		CLOROX		gal	06/12/2015
0001390022		ALEX PLUS	10.1		06/12/2015
0001390021		ALEX PLUS	10.1	OZ	06/12/2015
0000912985	334-50-9	SPERMIDINE TRIHYDROCHLORIDE	5	gm	06/12/2015
0001390019		ALEX PLUS	10.1	OZ	06/12/2015
0001382371		CV SEALANT 6-1104	142	gm	06/12/2015
0001390017		ALEX PLUS	10.1		06/12/2015
0001390016		ALEX PLUS	10.1	oz	06/12/2015
0001390014		ALEX PLUS	10.1	oz	06/12/2015
0001390012		CLOROX	1	gal	06/12/2015
0001390011		CLOROX	1		06/12/2015
0001390010		CLOROX	1	gal	06/12/2015
0001390009		CLOROX		gal	06/12/2015
0001390008		CLOROX		gal	06/12/2015
0001390007		CLOROX		gal	06/12/2015
0001390006		CLOROX		gal	06/12/2015
0001390005		CLOROX		gal	06/12/2015
0000912986	306-67-2	SPERMINE TETRAHYDROCHLORIDE	5	gm	06/12/2015
0001390020		ALEX PLUS	10.1	OZ	06/12/2015
0001327708		WD-40	16	OZ	06/12/2015
0001390072		CLOROX	1	gal	06/12/2015
0001390073		CLOROX	1	gal	06/12/2015
0001390074		CLOROX		gal	06/12/2015
0001390075		CLOROX		gal	06/12/2015
0001390076		CLOROX		gal	06/12/2015
0001390077		CLOROX		gal	06/12/2015
0001390078		CLOROX		gal	06/12/2015
0001327507	67-63-0	2-PROPANOL	4		06/12/2015
0001327508	67-63-0	2-PROPANOL	4		06/12/2015
0001327509	7440-66-6	ZINC POWDER OR DUST,		gm	06/12/2015
0001227540		NONPYROPHORIC			
0001327510		NUCLEASE-FREE WATER	300	lmi	06/12/2015

Barcode	CAS#	Chemical Name	Container	Unit of	Date
54.6546	G. 10	Green Name	Size	Measure	54.0
0001382372		DOW CORNING 93-500 SPACE GRADE ENCAPSULANT	453	gm	06/12/2015
0001327707		WD-40	16	OZ	06/12/2015
0001390069		CLOROX	1	gal	06/12/2015
0001327709		WD-40	16	oz	06/12/2015
0001327710		WD-40	16	OZ	06/12/2015
0001327711		WD-40	16	OZ	06/12/2015
0001327712		WD-40	+	OZ	06/12/2015
0001327713		WD-40	+	OZ	06/12/2015
0001327714		WD-40		OZ	06/12/2015
0001327715		WD-40		OZ	06/12/2015
0001327716		WD-40		OZ	06/12/2015
0001327717		WD-40	16	OZ	06/12/2015
0001327718	67-63-0	2-PROPANOL (ISOPROPYL ALCOHOL)	4	I	06/12/2015
0001327719	67-63-0	2-PROPANOL (ISOPROPYL ALCOHOL)	4	I	06/12/2015
0001327727	5470-11-1	HYDROXYLAMINE HYDROCHLORIDE	250	gm	06/12/2015
0001327706		WD-40	16	oz	06/12/2015
0001389996		CLOROX	1	gal	06/12/2015
0001389989		CLOROX		gal	06/12/2015
0001390004		CLOROX	1	gal	06/12/2015
0001390003		CLOROX	1	gal	06/12/2015
0001390002		CLOROX	1	gal	06/12/2015
0001390001		CLOROX	1	gal	06/12/2015
0001390000		CLOROX	1	gal	06/12/2015
0001342032		HIGH PURITY DI-ELECTRIC SILICONE GEL	2	pt	06/12/2015
0001342033		HIGH PURITY DI-ELECTRIC SILICONE GEL	2	pt	06/12/2015
0001342034		HIGH PURITY DI-ELECTRIC SILICONE GEL	2	pt	06/12/2015
0001342035		HIGH PURITY DI-ELECTRIC SILICONE GEL	2	pt	06/12/2015
0001342036		HIGH PURITY DI-ELECTRIC SILICONE GEL	2	pt	06/12/2015
0001389999		CLOROX	1	gal	06/12/2015
0001390071		CLOROX		gal	06/12/2015
0001389997		CLOROX		gal	06/12/2015
0001390070		CLOROX		gal	06/12/2015
0001389995		CLOROX		gal	06/12/2015
0001389994		CLOROX		gal	06/12/2015
0001390013		ALEX PLUS	10.1		06/12/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001390063		CLOROX	1	gal	06/12/2015
0001390064		CLOROX		gal	06/12/2015
0001390065		CLOROX		gal	06/12/2015
0001390066		CLOROX		gal	06/12/2015
0001327505	67-63-0	2-PROPANOL	4	I	06/12/2015
0001327506	67-63-0	2-PROPANOL	4	I	06/12/2015
0001390067		CLOROX	1	gal	06/12/2015
0001390068		CLOROX		gal	06/12/2015
0001382370		CV SEALANT 6-1104		gm	06/12/2015
0001389998		CLOROX		gal	06/12/2015
0001317856		NANO SU-8 DEVELOPER	500		06/12/2015
0001389991		CLOROX		gal	06/12/2015
0001390083		CLOROX	1	gal	06/12/2015
0001327731	2648-71-7	3-Bromo-3-methyl-2-butanone	25	gm	06/12/2015
0001327732	71-43-2	BENZENE	1	I	06/12/2015
0001327733	71-43-2	BENZENE	1	I	06/12/2015
0001327734	71-43-2	BENZENE	1	I	06/12/2015
0001327737	10031-22-8	LEAD BROMIDE	25	gm	06/12/2015
0001342037	1667-01-2	2',4',6'-Trimethylacetophenone	25	gm	06/12/2015
0001317861		CHLOROTRIMETHYLSILANE	10	ml	06/12/2015
0001317858	1330-20-7	XYLENES	500	ml	06/12/2015
0001390034		ALEX PLUS	10.1	oz	06/12/2015
0001317857		NANO SU-8 DEVELOPER	500	ml	06/12/2015
0001390059		ALEX PLUS	10.1	oz	06/12/2015
0001390039		ALEX PLUS	10.1	oz	06/12/2015
0001342039		Aeroshell Aviation Oil 100 SAE 50 Mineral Oil	1	qt	06/12/2015
0001317855		NANO SU-8 DEVELOPER	500	ml	06/12/2015
0001317854		NANO SU-8 DEVELOPER	500	ml	06/12/2015
0001334139	67-56-1	METHANOL	500	ml	06/12/2015
0001334138	25068-38-6	EMBED 812	450	ml	06/12/2015
0001317860	80724-20-5	TETRAMETHYLRHODAMINE ISOTHIOCYANATE	1	mg	06/12/2015
0001317859	10102-18-8	SODIUM SELENITE	10	gm	06/12/2015
0001390037		ALEX PLUS	10.1		06/12/2015
0001390036		ALEX PLUS	10.1	oz	06/12/2015
0001390035		ALEX PLUS	10.1	oz	06/12/2015
0001342038	7789-23-3	POTASSIUM FLUORIDE	250	†	06/12/2015
0001390049		ALEX PLUS	10.1		06/12/2015
0001390038		ALEX PLUS	10.1	OZ	06/12/2015
0001327728	60-29-7	DIETHYL ETHER	2.5	<u> </u>	06/12/2015
0001327729	60-29-7	DIETHYL ETHER	2.5	1	06/12/2015
0001390061		CLOROX	1	gal	06/12/2015

Barcode	CAS#	Chemical Name	Container	Unit of	Date
			Size	Measure	
0001390040		ALEX PLUS	10.1		06/12/2015
0001390041		ALEX PLUS	10.1	†	06/12/2015
0001390042		ALEX PLUS	10.1		06/12/2015
0001390043		ALEX PLUS	10.1		06/12/2015
0001390044		ALEX PLUS	10.1		06/12/2015
0001390045		ALEX PLUS	10.1		06/12/2015
0001390046		ALEX PLUS	10.1	OZ	06/12/2015
0001390062		CLOROX		gal	06/12/2015
0001390048		ALEX PLUS	10.1	OZ	06/12/2015
0001390060		ALEX PLUS	10.1	OZ	06/12/2015
0001390050		ALEX PLUS	10.1	oz	06/12/2015
0001390051		ALEX PLUS	10.1	oz	06/12/2015
0001327730		AZ P4620 PHOTORESIST	1	qt	06/12/2015
0001390052		ALEX PLUS	10.1	oz	06/12/2015
0001390053		ALEX PLUS	10.1	OZ	06/12/2015
0001390054		ALEX PLUS	10.1	OZ	06/12/2015
0001390055		ALEX PLUS	10.1	oz	06/12/2015
0001390056		ALEX PLUS	10.1	oz	06/12/2015
0001390057		ALEX PLUS	10.1	OZ	06/12/2015
0001390058		ALEX PLUS	10.1		06/12/2015
		Aeroshell Aviation Oil 100 SAE 50 Mineral			
0001342040		Oil	1	qt	06/12/2015
0001390047		ALEX PLUS	10.1	oz	06/12/2015
0001389979		CLOROX	1	gal	06/12/2015
0001342051		SUPERBONDER 409		gm	06/12/2015
0001390033		ALEX PLUS	10.1		06/12/2015
0001342053		SUPERBONDER 409	3	gm	06/12/2015
0001342054		SUPERBONDER 409		gm	06/12/2015
0001317795	13746-66-2	POTASSIUM FERRICYANIDE		gm	06/12/2015
0001382389	7732-18-5	Hydrochloric Acid 30-31%	3000		06/12/2015
0001382390	7732-18-5	Hydrochloric Acid 30-31%	3000		06/12/2015
0001382391	7786-30-3	MAGNESIUM CHLORIDE	3300		06/12/2015
0001382392	7786-30-3	MAGNESIUM CHLORIDE	3300		06/12/2015
0001382393	7786-30-3	MAGNESIUM CHLORIDE	3300		06/12/2015
0001382394	7786-30-3	MAGNESIUM CHLORIDE	3300		06/12/2015
0001382395	7786-30-3	MAGNESIUM CHLORIDE	3300		06/12/2015
0001332333	60-24-2	2-MERCAPTOETHANOL		ml	06/12/2015
0001317730	00 2 1 2	SUPERBONDER 409		gm	06/12/2015
0001342030		CLOROX		gal	06/12/2015
0001393083		CLOROX		gal	06/12/2015
0001390082		CLOROX		gal	06/12/2015
0001390080		CLOROX		gal	06/12/2015
0001390079		CLOROX		gal	06/12/2015
0001389988	<u> </u>	CLOROX	1	gal	06/12/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001317825	7778-77-0	POTASSIUM PHOSPHATE MONOBASIC	100	gm	06/12/2015
0001389986		CLOROX	1	gal	06/12/2015
0001317823	10034-99-8	MAGNESIUM SULFATE HEPTAHYDRATE	500	gm	06/12/2015
0001389984		CLOROX	1	gal	06/12/2015
0001389983		CLOROX	1	gal	06/12/2015
0001389982		CLOROX		gal	06/12/2015
0001389981		CLOROX	1	gal	06/12/2015
0001389980		CLOROX		gal	06/12/2015
0001342052		SUPERBONDER 409	3	gm	06/12/2015
0001389987		CLOROX	1	gal	06/12/2015
0001390025		ALEX PLUS	10.1	OZ	06/12/2015
0001342042	109-72-8	N-BUTYLLITHIUM	100	ml	06/12/2015
0001342041	67-63-0	ISOPROPYL ALCOHOL	4	I	06/12/2015
0001390023		ALEX PLUS	10.1	OZ	06/12/2015
0001342044	75-05-8	ACETONITRILE CERTIFIED ACS	4	ı	06/12/2015
0001342045		SUPERBONDER 409	3	gm	06/12/2015
0001342046		SUPERBONDER 409		gm	06/12/2015
0001342043	109-72-8	N-BUTYLLITHIUM	100	ml	06/12/2015
0001390024		ALEX PLUS	10.1	oz	06/12/2015
0001390026		ALEX PLUS	10.1	OZ	06/12/2015
0001390027		ALEX PLUS	10.1	OZ	06/12/2015
0001390028		ALEX PLUS	10.1	OZ	06/12/2015
0001342047		SUPERBONDER 409	3	gm	06/12/2015
0001342048		SUPERBONDER 409	3	gm	06/12/2015
0001390029		ALEX PLUS	10.1		06/12/2015
0001390030		ALEX PLUS	10.1	OZ	06/12/2015
0001390031		ALEX PLUS	10.1		06/12/2015
0001390032		ALEX PLUS	10.1	OZ	06/12/2015
0001342049		SUPERBONDER 409	3	gm	06/12/2015
0001342129		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001342136		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001342135		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001342134		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001342179		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001334871	67-68-5	DIMETHYL SULFOXIDE		ml	06/15/2015
0001342180		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001342185		TRA-CON BLUE DYE EPOXY		gm	06/15/2015
0001342186		TRA-CON BLUE DYE EPOXY		gm	06/15/2015
0001342138		TRA-CON BLUE DYE EPOXY		gm	06/15/2015
0001342187		TRA-CON BLUE DYE EPOXY		gm	06/15/2015
0001342137		TRA-CON BLUE DYE EPOXY		gm	06/15/2015
0001342184		TRA-CON BLUE DYE EPOXY		gm	06/15/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001342183		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001342127		TRA-CON BLUE DYE EPOXY		gm	06/15/2015
0001342181		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001342125		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001342133		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001342132		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001342131		TRA-CON BLUE DYE EPOXY		gm	06/15/2015
0001342130		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001342139		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001342128		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001342188		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001342126		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001342182		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001342197		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001382399	1310-73-2	Sodium Hydroxide 25%	3400		06/15/2015
0001382398	1310-73-2	Sodium Hydroxide 25%	3400	lb	06/15/2015
0001382397	1310-73-2	Sodium Hydroxide 25%	3400	lb	06/15/2015
0001382396	1310-73-2	Sodium Hydroxide 25%	3400	lb	06/15/2015
0001342067	1486-01-7	BIPHENYL-D10	1	gm	06/15/2015
0001342066	1486-01-7	BIPHENYL-D10	1	gm	06/15/2015
0001342065	1486-01-7	BIPHENYL-D10	1	gm	06/15/2015
0001317847	50-00-0	FORMALDEHYDE (FORMALIN PHOSPHATE)	4		06/15/2015
0001317826	7704-34-9	SULFUR	500	gm	06/15/2015
0001342064	1486-01-7	BIPHENYL-D10		gm	06/15/2015
0001342198		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001362730	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	06/15/2015
0001342196		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001342195		TRA-CON BLUE DYE EPOXY		gm	06/15/2015
0001342194		TRA-CON BLUE DYE EPOXY		gm	06/15/2015
0001342193		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001342192		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001342191		TRA-CON BLUE DYE EPOXY		gm	06/15/2015
0001342190		TRA-CON BLUE DYE EPOXY		gm	06/15/2015
0001342189		TRA-CON BLUE DYE EPOXY		gm	06/15/2015
0001342140		TRA-CON BLUE DYE EPOXY		gm	06/15/2015
0001342148		TRA-CON BLUE DYE EPOXY		gm	06/15/2015
0001317828	7558-79-4	SODIUM PHOSPHATE, DIBASIC	500		06/15/2015
0001362724	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	06/15/2015
0001342123		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001342122		TRA-CON BLUE DYE EPOXY		gm	06/15/2015
0001342122		TRA-CON BLUE DYE EPOXY		gm	06/15/2015
0001342121	1	TRA-CON BLUE DYE EPOXY		gm	06/15/2015
0001342120		TRA-CON BLUE DYE EPOXY		gm	06/15/2015
0001342118		TRA-CON BLUE DYE EPOXY		gm	06/15/2015
0001342117		TRA-CON BLUE DYE EPOXY		gm	06/15/2015
0001342117		TRA-CON BLUE DYE EPOXY		gm	06/15/2015
0001342115		TRA-CON BLUE DYE EPOXY		gm	06/15/2015
0001342114		TRA-CON BLUE DYE EPOXY		gm	06/15/2015
0001312111	1310-73-2	Sodium Hydroxide 25%	3400	_	06/15/2015
0001302400	1310 73 2	TRA-CON BLUE DYE EPOXY		gm	06/15/2015
0001362729	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100		06/15/2015
0001362719	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	06/15/2015
0001362726	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	06/15/2015
0001362723	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	06/15/2015
0001362725	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	06/15/2015
0001362722	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	ı	06/15/2015
0001362721	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	ı	06/15/2015
0001362731	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	250	ı	06/15/2015
0001362728	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	06/15/2015
0001362720	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	ı	06/15/2015
0001342124	1	TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001342113		TRA-CON BLUE DYE EPOXY		gm	06/15/2015
0001327773	10101-63-0	LEAD(II) IODIDE		gm	06/15/2015
0001341700		DETERGENT 8		gal	06/15/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001341701		DETERGENT 8		gal	06/15/2015
0001341702		DETERGENT 8		gal	06/15/2015
0001327770		UTEVA RESIN	2	ml	06/15/2015
0001327771	18618-55-8	CERIUM(III) CHLORIDE HEPTAHYDRATE	100	gm	06/15/2015
0001327772	1762-95-4	AMMONIUM THIOCYANATE	100	gm	06/15/2015
0001390112		BLACK JACK ROOF GARD 700	5	gal	06/15/2015
0001390113		BLACK JACK ROOF GARD 700	5	gal	06/15/2015
0001390114		BLACK JACK ROOF GARD 700	5	gal	06/15/2015
0001390115		BLACK JACK ROOF GARD 700	5	gal	06/15/2015
0001390116		BLACK JACK ROOF GARD 700	5	gal	06/15/2015
0001327764		SAMARIUM STANDARD	125	ml	06/15/2015
0001390118		BLACK JACK ROOF GARD 700	5	gal	06/15/2015
0001342176		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001327774	10101-63-0	LEAD(II) IODIDE		gm	06/15/2015
0001327776	638-39-1	TIN(II) ACETATE		gm	06/15/2015
0001327778		NACL CONDUCTIVITY STANDARD / TDS	120	ml	06/15/2015
0001327760		MOLECULAR SIEVE	1	lb	06/15/2015
0001327759		MOLECULAR SIEVE	1	lb	06/15/2015
0001327758		MOLECULAR SIEVE	1	lb	06/15/2015
0001327769		NEODYMIUM STANDARD	125	ml	06/15/2015
0001327768		GADOLINIUM STANDARD	125	ml	06/15/2015
0001327767	7697-37-2	LANTHANUM STANDARD	125		06/15/2015
0001327766		CERIUM STANDARD	125	ml	06/15/2015
0001327765		ZIRCONIUM STANDARD	125	ml	06/15/2015
0001390117		BLACK JACK ROOF GARD 700	5	gal	06/15/2015
0001342168		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001342146		TRA-CON BLUE DYE EPOXY		gm	06/15/2015
0001342141		TRA-CON BLUE DYE EPOXY		gm	06/15/2015
0001327745	19259-90-6	ACETYL-D3 CHLORIDE		gm	06/15/2015
0001327744	19259-90-6	ACETYL-D3 CHLORIDE		gm	06/15/2015
0001327743	6046-93-1	CUPRIC ACETATE, MONOHYDRATE		gm	06/15/2015
0001327742	1313-82-2	SODIUM SULFIDE, ANHYDROUS	25	gm	06/15/2015
0001327741	77-78-1	DIMETHYL SULFATE	5	ml	06/15/2015
0001327740	7601-90-3	PERCHLORIC ACID	500		06/15/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001327726	64-18-6	FORMIC ACID	2.5		06/15/2015
0001327722	886-86-2	Tricaine-S Topical Anesthetic	10	gm	06/15/2015
0001327721	886-86-2	Tricaine-S Topical Anesthetic	10	gm	06/15/2015
0001341699		DETERGENT 8		gal	06/15/2015
0001342167		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001342177		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001342169		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001342170		TRA-CON BLUE DYE EPOXY		gm	06/15/2015
0001342171		TRA-CON BLUE DYE EPOXY		gm	06/15/2015
0001342166		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001342165		TRA-CON BLUE DYE EPOXY		gm	06/15/2015
0001342164		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001342163		TRA-CON BLUE DYE EPOXY		gm	06/15/2015
0001342172		TRA-CON BLUE DYE EPOXY		gm	06/15/2015
0001342173		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001342174		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001342175		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001327777		NACL CONDUCTIVITY STANDARD / TDS	120	ml	06/15/2015
0001327720	886-86-2	Tricaine-S Topical Anesthetic	10	gm	06/15/2015
0001342152		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001342159		TRA-CON BLUE DYE EPOXY		gm	06/15/2015
0001342158		TRA-CON BLUE DYE EPOXY		gm	06/15/2015
0001342157		TRA-CON BLUE DYE EPOXY		gm	06/15/2015
0001342156		TRA-CON BLUE DYE EPOXY		gm	06/15/2015
0001342155		TRA-CON BLUE DYE EPOXY		gm	06/15/2015
0001327746	19259-90-6	ACETYL-D3 CHLORIDE		gm	06/15/2015
0001327747	75-54-7	METHYLDICHLOROSILANE	100	ml	06/15/2015
0001327748	67-63-0	ISOPROPANOL (2-PROPANOL)	4	I	06/15/2015
0001341695		DETERGENT 8	1	gal	06/15/2015
0001327763		EUROPIUM STANDARD	125		06/15/2015
0001317827	57-09-0	CETYLTRIMETHYLAMMONIUM BROMIDE	100		06/15/2015
0001342160		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001342153		TRA-CON BLUE DYE EPOXY		gm	06/15/2015
0001317862	1313-84-4	SODIUM SULFIDE, NONAHYDRATE	500		06/15/2015
0001342151		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001342151		TRA-CON BLUE DYE EPOXY		gm	06/15/2015
0001342130		TRA-CON BLUE DYE EPOXY		gm	06/15/2015
0001342147		TRA-CON BLUE DYE EPOXY		gm	06/15/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001342178		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001342145		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001342144		TRA-CON BLUE DYE EPOXY		gm	06/15/2015
0001341698		DETERGENT 8	1	gal	06/15/2015
0001341697		DETERGENT 8		gal	06/15/2015
0001341696		DETERGENT 8		gal	06/15/2015
0001342143		TRA-CON BLUE DYE EPOXY		gm	06/15/2015
0001342142		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001327775	6080-56-4	LEAD(II) ACETATE TRIHYDRATE	2	gm	06/15/2015
0001327754	60-29-7	ETHER, ANHYDROUS	1	I	06/15/2015
0001327762		TELLURIUM STANDARD	125	ml	06/15/2015
0001327761	39365-88-3	POTASH		gm	06/15/2015
0001342154		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001327755	60-29-7	ETHER, ANHYDROUS	1	I	06/15/2015
0001342161		TRA-CON BLUE DYE EPOXY		gm	06/15/2015
0001327753	60-29-7	ETHER, ANHYDROUS	1		06/15/2015
0001327752	60-29-7	ETHER, ANHYDROUS	1	ł	06/15/2015
0001327751	60-29-7	ETHER, ANHYDROUS	1		06/15/2015
0001327750	60-29-7	ETHER, ANHYDROUS	1		06/15/2015
0001327749	7757-82-6	SODIUM SULFATE	$\frac{1}{1}$	kg	06/15/2015
0001362727	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	06/15/2015
0001362718	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	06/15/2015
0001327779		NACL CONDUCTIVITY STANDARD / TDS	120	ml	06/15/2015
0001362716	7782-50-5	CHLORINE	20	cf	06/15/2015
0001327780		NACL CONDUCTIVITY STANDARD / TDS	120	ml	06/15/2015
0001362717	7782-50-5	CHLORINE	20	cf	06/15/2015
0001342162		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001362715		Chlorine		cf	06/15/2015
0001390123		BLACK JACK ROOF GARD 700	5	gal	06/15/2015
0001390122		BLACK JACK ROOF GARD 700	5	gal	06/15/2015
0001390120		BLACK JACK ROOF GARD 700	5	gal	06/15/2015
0001390119		BLACK JACK ROOF GARD 700	5	gal	06/15/2015
0001390121		BLACK JACK ROOF GARD 700	5	gal	06/15/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001390132		ES COMPLEAT	1	gal	06/15/2015
0001390134		ES COMPLEAT	1	gal	06/15/2015
0001317850	67-68-5	DIMETHYL SULFOXIDE	10	ml	06/15/2015
0001317839	13494-90-1	GALLIUM(III) NITRATE HYDRATE	5	gm	06/15/2015
0001342099		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001390138		ES COMPLEAT	1	gal	06/15/2015
0001390137		ES COMPLEAT	1	gal	06/15/2015
0001342101		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001390135		ES COMPLEAT		gal	06/15/2015
0001342102		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001390133		ES COMPLEAT	1	gal	06/15/2015
0001390131		ES COMPLEAT	1	gal	06/15/2015
0001390128		ES COMPLEAT	1	gal	06/15/2015
0001317853	67-68-5	DIMETHYL SULFOXIDE	10	ml	06/15/2015
0001317852	67-68-5	DIMETHYL SULFOXIDE	10	ml	06/15/2015
0001317851	67-68-5	DIMETHYL SULFOXIDE	10	ml	06/15/2015
0001390136		ES COMPLEAT	1	gal	06/15/2015
0001342109		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001390130		ES COMPLEAT		gal	06/15/2015
0001342105		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001342104		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001342103		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001342106		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001342100		TRA-CON BLUE DYE EPOXY		gm	06/15/2015
0001342108		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001317848	67-68-5	DIMETHYL SULFOXIDE	10	ml	06/15/2015
0001342110		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001342111		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001342058		M-BOND 200 ADHESIVE KIT		OZ	06/15/2015
0001342057		M-BOND 200 ADHESIVE KIT	1	OZ	06/15/2015
0001342056		M-BOND 200 ADHESIVE KIT	1	OZ	06/15/2015
0001342055		M-BOND 200 ADHESIVE KIT	1	OZ	06/15/2015
0001342107		TRA-CON BLUE DYE EPOXY	2.5	gm	06/15/2015
0001317838	25068-38-6	EMBED 812	450		06/15/2015
0001390139		ES COMPLEAT	1	gal	06/15/2015
0001317841	999-97-3	HEXAMETHYLDISILAZANE	25	ml	06/15/2015
0001317842		REAGENT ALCOHOL	1	gal	06/15/2015
0001342059		M-BOND 200 ADHESIVE KIT		OZ	06/15/2015
0001342060	19764-96-6	1,1',3,3,3',3'- Hexamethylindotricarbocyanine iodide	100	mg	06/15/2015
0001317846	67-66-3	CHLOROFORM	25	ml	06/15/2015
0001342061	107-43-7	BETAINE	+	oz	06/15/2015
0001342062	7761-88-8	SILVER NITRATE		gm	06/15/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001342063	7761-88-8	SILVER NITRATE		gm	06/15/2015
0001342003	25068-38-6	EMBED 812	450		06/15/2015
0001317030	23000 30 0	ES COMPLEAT		gal	06/15/2015
0001317837	25068-38-6	EMBED 812	450		06/15/2015
0001317849	67-68-5	DIMETHYL SULFOXIDE		ml	06/15/2015
0001349513	124-38-9	CARBON DIOXIDE, GAS	12	gm	06/16/2015
0001349558	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349559	124-38-9	CARBON DIOXIDE, GAS	12	gm	06/16/2015
0001349560	124-38-9	CARBON DIOXIDE, GAS	12	gm	06/16/2015
0001349561	124-38-9	CARBON DIOXIDE, GAS	12	gm	06/16/2015
0001349509	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349562	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349512	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349514	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349515	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349519	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349510	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349511	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349563	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349516	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349517	124-38-9 124-38-9	CARBON DIOXIDE, GAS CARBON DIOXIDE, GAS		gm	06/16/2015 06/16/2015
0001349550 0001349553	124-38-9	CARBON DIOXIDE, GAS		gm gm	06/16/2015
0001349551	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349557	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349556	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349555	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349554	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349552	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349549	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349489	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349508	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349518	124-38-9	CARBON DIOXIDE, GAS	12	gm	06/16/2015
0001349476	124-38-9	CARBON DIOXIDE, GAS	12	gm	06/16/2015
0001349487	124-38-9	CARBON DIOXIDE, GAS	12	gm	06/16/2015
0001382401	7732-18-5	Hydrochloric Acid 30-31%	3000	lb	06/16/2015
0001349418	67-56-1	METHANOL	2500		06/16/2015
0001349419	67-56-1	METHANOL	2500		06/16/2015
0001349420	67-56-1	METHANOL	2500		06/16/2015
0001349421	67-56-1	METHANOL	2500		06/16/2015
0001349422	67-56-1	METHANOL	2500	†	06/16/2015
0001349471	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349472	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349473	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349428	1655-35-2	Na 2,7-Naphthalene	25	kg	06/16/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001349475	124-38-9	CARBON DIOXIDE, GAS	12	gm	06/16/2015
0001349427	1655-45-4	Disodium 2,6-Naphthalenedisulfonate	25	kg	06/16/2015
0001349477	124-38-9	CARBON DIOXIDE, GAS	12	gm	06/16/2015
0001349478	124-38-9	CARBON DIOXIDE, GAS	12	gm	06/16/2015
0001349479	124-38-9	CARBON DIOXIDE, GAS	12	gm	06/16/2015
0001349480	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349481	124-38-9	CARBON DIOXIDE, GAS	12	gm	06/16/2015
0001349482	124-38-9	CARBON DIOXIDE, GAS	12	gm	06/16/2015
0001349483	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349484	124-38-9	CARBON DIOXIDE, GAS	12	gm	06/16/2015
0001349485	124-38-9	CARBON DIOXIDE, GAS	12	gm	06/16/2015
0001349491	124-38-9	CARBON DIOXIDE, GAS	12	gm	06/16/2015
0001349474	124-38-9	CARBON DIOXIDE, GAS	12	gm	06/16/2015
0001327781	144-55-8	SODIUM BICARBONATE	500	gm	06/16/2015
0001390173		TRAFFIC PAINT YELLOW	5	gal	06/16/2015
0001349530	124-38-9	CARBON DIOXIDE, GAS	12	gm	06/16/2015
0001349567	124-38-9	CARBON DIOXIDE, GAS	12	gm	06/16/2015
0001349568	124-38-9	CARBON DIOXIDE, GAS	12	gm	06/16/2015
0001349569	124-38-9	CARBON DIOXIDE, GAS	12	gm	06/16/2015
0001349570	124-38-9	CARBON DIOXIDE, GAS	12	gm	06/16/2015
0001317840	75-12-7	FORMAMIDE	500	ml	06/16/2015
0000912975	288-32-4	IMIDAZOLE, 99%	100	gm	06/16/2015
0000912976	54-21-7	SALICYLIC ACID, SODIUM SLAT (SODIUM SALICYLATE)	5	gm	06/16/2015
0000912974	25322-68-3	POLYETHYLENE GLYCOL 8000	1	kg	06/16/2015
0001349429	1655-35-2	Na 2,7-Naphthalene	25	kg	06/16/2015
0000912971	68954-42-7	CHELATING RESIN (CHELEX 100, SODIUM FORM)		gm	06/16/2015
0001349488	124-38-9	CARBON DIOXIDE, GAS	12	gm	06/16/2015
0001327782		A-2 Epoxy Adhesive A-E C Kit		gm	06/16/2015
0001327783		A-2 Epoxy Adhesive A-E C Kit	70	gm	06/16/2015
0001327784		A-2 Epoxy Adhesive A-E C Kit	70	gm	06/16/2015
0001342096	7782-63-0	FERROUS SULFATE, HEPTAHYDRATE	100	gm	06/16/2015
0001342097	25322-68-3	POLYETHYLENE GLYCOL 300	100	ml	06/16/2015
0001342098	7757-82-6	SODIUM SULFATE	100	ml	06/16/2015
0001349423	25322-68-3	POLYETHYLENE GLYCOL 600	100	ml	06/16/2015
0001349424	25952-53-8	1-ETHYL-3-(3-DIMETHYLAMINOPROPYL)- CARBODIIMIDE	5	gm	06/16/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001349425	69227-93-6	n-DODECYL-?-D-MALTOPYRANOSIDE	25	gm	06/16/2015
0001349426	1655-45-4	Disodium 2,6-Naphthalenedisulfonate	25	kg	06/16/2015
0000912972	68954-42-7	CHELATING RESIN (CHELEX 100, SODIUM FORM)	50	gm	06/16/2015
0001349496	124-38-9	CARBON DIOXIDE, GAS	12	gm	06/16/2015
0001349486	124-38-9	CARBON DIOXIDE, GAS	12	gm	06/16/2015
0001349546	124-38-9	CARBON DIOXIDE, GAS	12	gm	06/16/2015
0001349547	124-38-9	CARBON DIOXIDE, GAS	12	gm	06/16/2015
0001349548	124-38-9	CARBON DIOXIDE, GAS	12	gm	06/16/2015
0001349566	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349565	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349564	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349490	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349492	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349493	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349544	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349495	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349543	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349497 0001349498	124-38-9 124-38-9	CARBON DIOXIDE, GAS CARBON DIOXIDE, GAS		gm	06/16/2015 06/16/2015
0001349498	124-38-9	CARBON DIOXIDE, GAS		gm gm	06/16/2015
0001349499	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349500	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349502	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349503	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349504	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349505	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349506	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349494	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349532	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001311620		MULTI-PURPOSE GREASE	14.1	OZ	06/16/2015
0001311619		MULTI-PURPOSE GREASE	14.1	OZ	06/16/2015
0001311618		MULTI-PURPOSE GREASE	14.1	oz	06/16/2015
0001311617		MULTI-PURPOSE GREASE	14.1	OZ	06/16/2015
0001311616		MULTI-PURPOSE GREASE	14.1	OZ	06/16/2015
0001311615		MULTI-PURPOSE GREASE	14.1	OZ	06/16/2015
0001311614		MULTI-PURPOSE GREASE	14.1		06/16/2015
0001202937	126-30-7	NEOPENTYL GLYCOL		gm	06/16/2015
0001202936	126-30-7	NEOPENTYL GLYCOL	250		06/16/2015
0001317646		CLOROX	3.57		06/16/2015
0001349545	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349531	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349507	124-38-9	CARBON DIOXIDE, GAS	12	gm	06/16/2015

Barcode	CAS#	Chemical Name	Container	Unit of	Date
0001349533	124-38-9	CARBON DIOXIDE, GAS	Size	Measure gm	06/16/2015
0001349533	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349535	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349536	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349537	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349538	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349539	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349540	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349541	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349542	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001382402	7732-18-5	Hydrochloric Acid 30-31%	3000		06/16/2015
0001390201		DENATURED ALCOHOL		gal	06/16/2015
0001342074		AZ 400K DEVELOPER		gal	06/16/2015
0001342075	25389-94-0	KANAMYCIN SULFATE		gm	06/16/2015
0001342076	7631-99-4	SODIUM NITRATE		kg	06/16/2015
0001342077	7631-99-4	SODIUM NITRATE		kg	06/16/2015
0001342078	7631-99-4	SODIUM NITRATE	_	kg	06/16/2015
0001342079	7631-99-4	SODIUM NITRATE		kg	06/16/2015
0001342080	7631-99-4	SODIUM NITRATE	10	kg	06/16/2015
0001342081	7631-99-4	SODIUM NITRATE		kg	06/16/2015
0001342082	7631-99-4	SODIUM NITRATE	10	kg	06/16/2015
0001342083	7631-99-4	SODIUM NITRATE		kg	06/16/2015
0001349417	67-56-1	METHANOL	2500	ml	06/16/2015
0001349529	124-38-9	CARBON DIOXIDE, GAS	12	gm	06/16/2015
0001390158		ready mix concrete	60	lb	06/16/2015
0001342093	67-56-1	METHANOL	4	I	06/16/2015
0001390200		DENATURED ALCOHOL	1	gal	06/16/2015
0001390199		DENATURED ALCOHOL		gal	06/16/2015
0001390198		DENATURED ALCOHOL	1	gal	06/16/2015
0001311626		DRY FILM MOLY LUBRICANT LU 200	11	oz	06/16/2015
0001311625		DRY FILM MOLY LUBRICANT LU 200	11	OZ	06/16/2015
0001390180		TRAFFIC PAINT YELLOW	5	gal	06/16/2015
0001390178		TRAFFIC PAINT YELLOW	5	gal	06/16/2015
0001390177		TRAFFIC PAINT YELLOW	5	gal	06/16/2015
0001390176		TRAFFIC PAINT YELLOW	5	gal	06/16/2015
0001390175		TRAFFIC PAINT YELLOW		gal	06/16/2015
0001390174		TRAFFIC PAINT YELLOW	5	gal	06/16/2015
0001390157		ready mix concrete	60	lb	06/16/2015
0001390159		ready mix concrete	60	lb	06/16/2015
0001349410	872-50-4	N-METHYL-2-PYRROLIDONE	4	I	06/16/2015
0001311627		193 GLOSS BLACK CHASSIS & GRILLE GUARD PAINT	12	oz	06/16/2015
0001349399	872-50-4	N-METHYL-2-PYRROLIDONE	4	I	06/16/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001349400	872-50-4	N-METHYL-2-PYRROLIDONE	4		06/16/2015
0001349401	872-50-4	N-METHYL-2-PYRROLIDONE	4	ı	06/16/2015
0001349528	124-38-9	CARBON DIOXIDE, GAS	12	gm	06/16/2015
0001349402	872-50-4	N-METHYL-2-PYRROLIDONE	4		06/16/2015
0001349520	124-38-9	CARBON DIOXIDE, GAS	12	gm	06/16/2015
0001349403	872-50-4	N-METHYL-2-PYRROLIDONE	4	I	06/16/2015
0001349404	872-50-4	N-METHYL-2-PYRROLIDONE	4	I	06/16/2015
0001349405	872-50-4	N-METHYL-2-PYRROLIDONE	4	I	06/16/2015
0001349406	872-50-4	N-METHYL-2-PYRROLIDONE	4	I	06/16/2015
0001349407	872-50-4	N-METHYL-2-PYRROLIDONE	4	I	06/16/2015
0001342073		AZ 400K DEVELOPER	1	gal	06/16/2015
0001349409	872-50-4	N-METHYL-2-PYRROLIDONE	4	-	06/16/2015
0001342072		AZ 400K DEVELOPER		gal	06/16/2015
0001349411	67-56-1	METHANOL	2500		06/16/2015
0001349412	67-56-1	METHANOL	2500		06/16/2015
0001349413	67-56-1	METHANOL	2500		06/16/2015
0001349414	67-56-1	METHANOL	2500		06/16/2015
0001349415	67-56-1	METHANOL	2500		06/16/2015
0001349416	67-56-1	METHANOL	2500	ml	06/16/2015
0001311628		193 GLOSS BLACK CHASSIS & GRILLE GUARD PAINT	12	OZ	06/16/2015
0001311629		193 GLOSS BLACK CHASSIS & GRILLE GUARD PAINT	12	oz	06/16/2015
0001342095	67-56-1	METHANOL	4	I	06/16/2015
0001342094	67-56-1	METHANOL	4	I	06/16/2015
0001342092	67-56-1	METHANOL	4	I	06/16/2015
0001390179		TRAFFIC PAINT YELLOW	5	gal	06/16/2015
0001349408	872-50-4	N-METHYL-2-PYRROLIDONE	4	I	06/16/2015
0001390171		TRAFFIC PAINT YELLOW	5	gal	06/16/2015
0001342088	64-17-5	ETHYL ALCOHOL	4	1	06/16/2015
0001390186		WHITE TRAFFIC PAINT	5	gal	06/16/2015
0001390185		WHITE TRAFFIC PAINT	5	gal	06/16/2015
0001390184		WHITE TRAFFIC PAINT		gal	06/16/2015
0001390183		WHITE TRAFFIC PAINT	5	gal	06/16/2015
0001311623		CARB AND CHOKE CLEANER		OZ	06/16/2015
0001390156		ready mix concrete	60		06/16/2015
0001390181		TRAFFIC PAINT YELLOW		gal	06/16/2015
0001311621		LOCTITE THREADLOCKER		ml	06/16/2015
0001311624		CARB AND CHOKE CLEANER		oz	06/16/2015
0001390197		DENATURED ALCOHOL		gal	06/16/2015
0001390168		TRAFFIC PAINT YELLOW	_	gal	06/16/2015
0001390188		WHITE TRAFFIC PAINT		gal	06/16/2015
0001390170		TRAFFIC PAINT YELLOW		gal	06/16/2015
0001390189		WHITE TRAFFIC PAINT		gal	06/16/2015
0001390172		TRAFFIC PAINT YELLOW	5	gal	06/16/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001342091	64-17-5	ETHYL ALCOHOL	4		06/16/2015
0001342090	64-17-5	ETHYL ALCOHOL	4	I	06/16/2015
0001342089	64-17-5	ETHYL ALCOHOL	4	I	06/16/2015
0001342068	1345-07-9	BISMUTH(III) SULFIDE	25	gm	06/16/2015
0001342069	68410-23-1	VERSAMID 140 POLYAMIDE RESIN	1	qt	06/16/2015
0001342070	68410-23-1	VERSAMID 140 POLYAMIDE RESIN	1	qt	06/16/2015
0001382405		VACUUM GREASE	1	oz	06/16/2015
0001342084	7631-99-4	SODIUM NITRATE	10	kg	06/16/2015
0001342085	7631-99-4	SODIUM NITRATE		kg	06/16/2015
0001342086	7631-99-4	SODIUM NITRATE		kg	06/16/2015
0001342087	7631-99-4	SODIUM NITRATE	10	kg	06/16/2015
0001390147		POLYKEN 1027 LIQUID ADHESIVE	1	gal	06/16/2015
0001390169		TRAFFIC PAINT YELLOW	5	gal	06/16/2015
0001390149		ready mix concrete	60		06/16/2015
0001349527	124-38-9	CARBON DIOXIDE, GAS	12	gm	06/16/2015
0001349526	124-38-9	CARBON DIOXIDE, GAS	12	gm	06/16/2015
0001349525	124-38-9	CARBON DIOXIDE, GAS		gm	06/16/2015
0001349524	124-38-9	CARBON DIOXIDE, GAS	12	gm	06/16/2015
0001349523	124-38-9	CARBON DIOXIDE, GAS	12	gm	06/16/2015
0001349522	124-38-9	CARBON DIOXIDE, GAS	12	gm	06/16/2015
0001349521	124-38-9	CARBON DIOXIDE, GAS	12	gm	06/16/2015
0001390155		ready mix concrete	60	lb	06/16/2015
0001390154		ready mix concrete	60	lb	06/16/2015
0001390153		ready mix concrete	60	lb	06/16/2015
0001390152		ready mix concrete	60	lb	06/16/2015
0001390187		WHITE TRAFFIC PAINT	5	gal	06/16/2015
0001390150		ready mix concrete	60		06/16/2015
0001390196		WHITE TRAFFIC PAINT		gal	06/16/2015
0001390148		ready mix concrete	60		06/16/2015
0001311633		DIESEL EXHAUST FLUID	2.5	gal	06/16/2015
0001311632		DIESEL EXHAUST FLUID		gal	06/16/2015
0001311631		DIESEL EXHAUST FLUID		gal	06/16/2015
0001311630		DIESEL EXHAUST FLUID		gal	06/16/2015
0001390190		WHITE TRAFFIC PAINT		gal	06/16/2015
0001311622		CHAIN AND CABLE FLUID		oz	06/16/2015
0001390191		WHITE TRAFFIC PAINT		gal	06/16/2015
0001390151		ready mix concrete	60		06/16/2015
0001390195		WHITE TRAFFIC PAINT		gal	06/16/2015
0001390194		WHITE TRAFFIC PAINT		gal	06/16/2015
0001390193		WHITE TRAFFIC PAINT		gal	06/16/2015
0001390192	<u> </u>	WHITE TRAFFIC PAINT		gal	06/16/2015
0001390144		HENRY 351	4	gal	06/16/2015

Barcode	CAS#	Chemical Name	Container	Unit of	Date
Darcode	CA3 #	Chemical Name	Size	Measure	Date
0001382375		POLYMER SYSTEM		gm	06/16/2015
0001382374		POLYMER SYSTEM	10	gm	06/16/2015
0001382406		VACUUM GREASE	1	~ _	06/16/2015
0001342071		AZ 400K DEVELOPER	1	gal	06/16/2015
0001390126		HENRY 351	4	gal	06/16/2015
0001390145		HENRY 351	4	gal	06/16/2015
0001382373		DOW CORNING 93-500 SPACE GRADE ENCAPSULANT	0.05	kg	06/16/2015
0001390143		HENRY 351	4	gal	06/16/2015
0001390142		HENRY 351	4	gal	06/16/2015
0001390141		HENRY 351		gal	06/16/2015
0001390140		HENRY 351		gal	06/16/2015
0001382407		VACUUM GREASE	1	OZ	06/16/2015
0001382408		VACUUM GREASE	1	oz	06/16/2015
0001382409		VACUUM GREASE	1	oz	06/16/2015
0001390124		HENRY 351	4	gal	06/16/2015
0001390125		HENRY 351		gal	06/16/2015
0001390146		HENRY 351		gal	06/16/2015
0001349577	10045-94-0	MERCURIC NITRATE	100		06/17/2015
0001349576	10045-94-0	MERCURIC NITRATE	100	ml	06/17/2015
0001349575		BUFFER PH 7 (YELLOW BUFFER)	125	ml	06/17/2015
0001349578	10045-94-0	MERCURIC NITRATE	100	ml	06/17/2015
0001349579	10045-94-0	MERCURIC NITRATE	100	ml	06/17/2015
0001349580	10045-94-0	MERCURIC NITRATE	100	ml	06/17/2015
0001349581	10045-94-0	MERCURIC NITRATE	100	ml	06/17/2015
0001349582	10045-94-0	MERCURIC NITRATE	100	ml	06/17/2015
0001349583	10045-94-0	MERCURIC NITRATE	100	ml	06/17/2015
0001349584	10045-94-0	MERCURIC NITRATE	100		06/17/2015
0001349585	10045-94-0	MERCURIC NITRATE	100	ml	06/17/2015
0001349586	10045-94-0	MERCURIC NITRATE	100	ml	06/17/2015
0001349587	10045-94-0	MERCURIC NITRATE	100	ml	06/17/2015
0001349588	10045-94-0	MERCURIC NITRATE	100	ml	06/17/2015
0001349590	10045-94-0	MERCURIC NITRATE	100		06/17/2015
0001349574		BUFFER PH 7 (YELLOW BUFFER)	125	ml	06/17/2015
0001349432	7601-90-3	PERCHLORIC ACID OPTIMA	1	I	06/17/2015
0001349589	10045-94-0	MERCURIC NITRATE	100	ml	06/17/2015
0001327792	7664-93-9	SULFURIC ACID	2.5		06/17/2015
0001349437		HYDROBROMIC ACID OPTIMA	1	I	06/17/2015
0001349436		HYDROBROMIC ACID OPTIMA	1	I	06/17/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001349573		BUFFER PH 10 (BLUE BUFFER)	125	ml	06/17/2015
0001349433		THERMALLY CONDUCTIVE EPOXY ADHESIVE	1	pt	06/17/2015
0001349434	67969-82-8	TETRAFLUOROBORIC ACID-DIETHYL ETHER COMPLEX	100	ml	06/17/2015
0001349431	7601-90-3	PERCHLORIC ACID OPTIMA	1	l	06/17/2015
0001349438		HYDROBROMIC ACID OPTIMA	1	ı	06/17/2015
0001327793	96-41-3	CYCLOPENTANOL	100	ml	06/17/2015
0001349435		HYDROBROMIC ACID OPTIMA	1	I	06/17/2015
0001327791	7664-93-9	SULFURIC ACID	2.5	I	06/17/2015
0001327790	110-54-3	HEXANE (HEXANE, ANHYDROUS)	1	I	06/17/2015
0001327789	67-63-0	ISOPROPANOL, ANHYDROUS	4	I	06/17/2015
0001327788		DENATURED ALCOHOL	1	gal	06/17/2015
0001327787		DENATURED ALCOHOL	1	gal	06/17/2015
0001327786		DENATURED ALCOHOL		gal	06/17/2015
0001327785		DENATURED ALCOHOL	1	gal	06/17/2015
0001349430	7601-90-3	PERCHLORIC ACID OPTIMA	1	I	06/17/2015
0001349451	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	500	ml	06/17/2015
0001349572		BUFFER PH 10 (BLUE BUFFER)	125	ml	06/17/2015
0001349571		BUFFER PH 10 (BLUE BUFFER)	125	ml	06/17/2015
0001349452	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	500	ml	06/17/2015
0001349439	7697-37-2	NITRIC ACID OPTIMA	500	ml	06/17/2015
0001349450	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	500	ml	06/17/2015
0001349449	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	500	ml	06/17/2015
0001349448	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	500	ml	06/17/2015
0001349440	7697-37-2	NITRIC ACID OPTIMA	500	ml	06/17/2015
0001349446	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	500	ml	06/17/2015
0001349445	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	500	ml	06/17/2015
0001349444	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	500	ml	06/17/2015
0001349443	67-64-1	ACETONE	20	ı	06/17/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001349442	7697-37-2	NITRIC ACID OPTIMA	500	ml	06/17/2015
0001349441	7697-37-2	NITRIC ACID OPTIMA	500	ml	06/17/2015
0001349447	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	500	ml	06/17/2015
0001349453	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	500	ml	06/17/2015
0001349595	10045-94-0	MERCURIC NITRATE	100	ml	06/17/2015
0001382410	1310-73-2	Sodium Hydroxide 25%	3400	lb	06/17/2015
0001382404	1310-73-2	Sodium Hydroxide 25%	3400	lb	06/17/2015
0001382403	1310-73-2	Sodium Hydroxide 25%	3400	lb	06/17/2015
0001349594	10045-94-0	MERCURIC NITRATE	100	ml	06/17/2015
0001349593	10045-94-0	MERCURIC NITRATE	100	ml	06/17/2015
0001349592	10045-94-0	MERCURIC NITRATE	100	ml	06/17/2015
0001349591	10045-94-0	MERCURIC NITRATE	100	ml	06/17/2015
0001382412	1310-73-2	Sodium Hydroxide 25%	3400	lb	06/17/2015
0001382376		EP21TCHT-1 Part A	0.25	pt	06/17/2015
0001382377		MASTER BOND EP21TCHT-1 PART B	0.25	lb	06/17/2015
0001362732		ETHANOL BREATH STANDARD BAL NITROGEN	105	I	06/17/2015
0001362733		ETHANOL BREATH STANDARD BAL NITROGEN	105	I	06/17/2015
0001362734		ETHANOL BREATH STANDARD BAL NITROGEN	105	I	06/17/2015
0001362735		ETHANOL BREATH STANDARD BAL NITROGEN	105	I	06/17/2015
0001362736		ETHANOL BREATH STANDARD BAL NITROGEN	105	I	06/17/2015
0001382411	1310-73-2	Sodium Hydroxide 25%	3400	lb	06/17/2015
0001362900	1333-74-0	HYDROGEN	220		06/18/2015
0001362901	1333-74-0	HYDROGEN	220		06/18/2015
0001362902	1333-74-0	HYDROGEN	220		06/18/2015
0001362903	1333-74-0	HYDROGEN	220		06/18/2015
0001362904	1333-74-0	HYDROGEN	220	cf	06/18/2015
0001362905	1333-74-0	HYDROGEN	220	cf	06/18/2015
0001362906	1333-74-0	HYDROGEN	220		06/18/2015
0001362908	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/18/2015
0001362788	7440-59-7	HELIUM	220	cf	06/18/2015
0001362907	1333-74-0	HYDROGEN	220		06/18/2015
0001362809	74-86-2	ACETYLENE	40	i e	06/18/2015
0001362831		P-10 (90% ARGON 10% METHANE)	220		06/18/2015
0001362822		5% HYDROGEN/BAL. NITROGEN	220	cf	06/18/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001362823		5% HYDROGEN/BAL. NITROGEN	220	cf	06/18/2015
0001362824		5% HYDROGEN/BAL. NITROGEN	220	cf	06/18/2015
0001362825		5% HYDROGEN/BAL. NITROGEN	220	cf	06/18/2015
0001362826		5% HYDROGEN/BAL. NITROGEN	220	cf	06/18/2015
0001362820		5% HYDROGEN/BAL. NITROGEN	220	cf	06/18/2015
0001362810	74-86-2	ACETYLENE	40	cf	06/18/2015
0001362819		5% HYDROGEN/BAL. NITROGEN	220	cf	06/18/2015
0001362808	74-86-2	ACETYLENE	40	cf	06/18/2015
0001362807	74-86-2	ACETYLENE	40	cf	06/18/2015
0001362806	74-86-2	ACETYLENE	40	cf	06/18/2015
0001362827		5% HYDROGEN/BAL. NITROGEN	220	cf	06/18/2015
0001362829		P-10 (90% ARGON 10% METHANE)	220	cf	06/18/2015
0001362786	7440-59-7	HELIUM	220	cf	06/18/2015
0001362811	74-86-2	ACETYLENE		cf	06/18/2015
0001390164		EP GEL-FAST Components A/B	250	ml	06/18/2015
0001362812	74-86-2	ACETYLENE	40	cf	06/18/2015
0001362813	74-86-2	ACETYLENE	40	cf	06/18/2015
0001362814	74-86-2	ACETYLENE	10	cf	06/18/2015
0000912965	50-70-4	D-SORBITOL	100	gm	06/18/2015
0001390160		EP GEL-FAST Components A/B	250	ml	06/18/2015
0001390161		EP GEL-FAST Components A/B	250	ml	06/18/2015
0001362821		5% HYDROGEN/BAL. NITROGEN	220	cf	06/18/2015
0001390163		EP GEL-FAST Components A/B	250	ml	06/18/2015
0001362832		P-10 (90% ARGON 10% METHANE)	220	cf	06/18/2015
0001390165		EP GEL-FAST Components A/B	250	ml	06/18/2015
0001390166		EP GEL-FAST Components A/B	250	ml	06/18/2015
0001362815	74-86-2	ACETYLENE	10	cf	06/18/2015
0001362815	74-86-2	ACETYLENE		cf	06/18/2015
0001362817	74-86-2	ACETYLENE		cf	06/18/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001362818		5% HYDROGEN/BAL. NITROGEN	220	cf	06/18/2015
0001390162		EP GEL-FAST Components A/B	250	ml	06/18/2015
0001362789	7440-59-7	HELIUM	220	cf	06/18/2015
0001362830		P-10 (90% ARGON 10% METHANE)	220	cf	06/18/2015
0001362796		94% ARGON/6% HYDROGEN	220	cf	06/18/2015
0001362795		94% ARGON/6% HYDROGEN	220	cf	06/18/2015
0001362794		94% ARGON/6% HYDROGEN	220	cf	06/18/2015
0001362793		94% ARGON/6% HYDROGEN	220	cf	06/18/2015
0001362792		94% ARGON/6% HYDROGEN	220	cf	06/18/2015
0001362798		94% ARGON/6% HYDROGEN	220	ļ	06/18/2015
0001362790		94% ARGON/6% HYDROGEN	220	cf	06/18/2015
0001362799		94% ARGON/6% HYDROGEN	220	cf	06/18/2015
0001362787	7440-59-7	HELIUM	220	cf	06/18/2015
0001362785	7440-59-7	HELIUM	220	cf	06/18/2015
0001362784	7440-59-7	HELIUM	220	cf	06/18/2015
0001362783	7440-59-7	HELIUM	220	cf	06/18/2015
0001362840		P-10 (90% ARGON 10% METHANE)	220	cf	06/18/2015
0001362841		P-10 (90% ARGON 10% METHANE)	220	cf	06/18/2015
0001362791		94% ARGON/6% HYDROGEN	220	cf	06/18/2015
0001362892	1333-74-0	HYDROGEN	220		06/18/2015
0001362833		P-10 (90% ARGON 10% METHANE)	220	cf	06/18/2015
0001362834		P-10 (90% ARGON 10% METHANE)	220	cf	06/18/2015
0001362835		P-10 (90% ARGON 10% METHANE)	220	cf	06/18/2015
0001362836		P-10 (90% ARGON 10% METHANE)	220	cf	06/18/2015
0001362837		P-10 (90% ARGON 10% METHANE)	220	cf	06/18/2015
0001362838		P-10 (90% ARGON 10% METHANE)	220	cf	06/18/2015
0001362797		94% ARGON/6% HYDROGEN	220	cf	06/18/2015
0001362899	1333-74-0	HYDROGEN	220		06/18/2015
0001362842		P-10 (90% ARGON 10% METHANE)	220		06/18/2015
0001362805	74-86-2	ACETYLENE	40	cf	06/18/2015
0001362804	7.1002	94% ARGON/6% HYDROGEN	220		06/18/2015
0001362803	1	94% ARGON/6% HYDROGEN	220		06/18/2015
0001362803	1	94% ARGON/6% HYDROGEN	220	4	06/18/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001362801		94% ARGON/6% HYDROGEN	220		06/18/2015
0001362800		94% ARGON/6% HYDROGEN	220		06/18/2015
0001362839		P-10 (90% ARGON 10% METHANE)	220		06/18/2015
0001362878		AIR, COMPRESSED	220	cf	06/18/2015
0001362889	1333-74-0	HYDROGEN	220		06/18/2015
0001362869	7440-37-1	ARGON, COMPRESSED	220		06/18/2015
0001362870	7440-37-1	ARGON, COMPRESSED	220		06/18/2015
0001362871	7440-37-1	ARGON, COMPRESSED	220	cf	06/18/2015
0001362872		AIR, COMPRESSED	220	cf	06/18/2015
0001362894	1333-74-0	HYDROGEN	220	cf	06/18/2015
0001362857	7440-37-1	ARGON, COMPRESSED	220	cf	06/18/2015
0001362874		AIR, COMPRESSED	220	cf	06/18/2015
0001362863	7440-37-1	ARGON, COMPRESSED	220	cf	06/18/2015
0001362867	7440-37-1	ARGON, COMPRESSED	220	cf	06/18/2015
0001362877		AIR, COMPRESSED	220	cf	06/18/2015
0001362866	7440-37-1	ARGON, COMPRESSED	220	cf	06/18/2015
0001362879	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/18/2015
0001362880	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/18/2015
0001362881	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/18/2015
0001362882	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/18/2015
0001362883	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/18/2015
0001362884	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/18/2015
0001362885	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/18/2015
0001362886	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/18/2015
0001362887	1333-74-0	HYDROGEN	220	cf	06/18/2015
0001362888	1333-74-0	HYDROGEN	220	cf	06/18/2015
0001362876		AIR, COMPRESSED	220	cf	06/18/2015
0001362850		P-10 (90% ARGON 10% METHANE)	220	cf	06/18/2015
0001362858	7440-37-1	ARGON, COMPRESSED	220	cf	06/18/2015
0001362859	7440-37-1	ARGON, COMPRESSED	220	cf	06/18/2015
0001362860	7440-37-1	ARGON, COMPRESSED	220		06/18/2015
0001362861	7440-37-1	ARGON, COMPRESSED	220	cf	06/18/2015
0001362828		2% ARgon/Bal. Helium	220	cf	06/18/2015
0001362856		P-10 (90% ARGON 10% METHANE)	220	cf	06/18/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001362855		P-10 (90% ARGON 10% METHANE)	220	cf	06/18/2015
0001362854		P-10 (90% ARGON 10% METHANE)	220	cf	06/18/2015
0001362853		P-10 (90% ARGON 10% METHANE)	220	cf	06/18/2015
0001362868	7440-37-1	ARGON, COMPRESSED	220	cf	06/18/2015
0001362851		P-10 (90% ARGON 10% METHANE)	220	cf	06/18/2015
0001362875		AIR, COMPRESSED	220	cf	06/18/2015
0001362849		P-10 (90% ARGON 10% METHANE)	220	cf	06/18/2015
0001362848		P-10 (90% ARGON 10% METHANE)	220	cf	06/18/2015
0001362847		P-10 (90% ARGON 10% METHANE)	220	cf	06/18/2015
0001362846		P-10 (90% ARGON 10% METHANE)	220	cf	06/18/2015
0001362845		P-10 (90% ARGON 10% METHANE)	220	cf	06/18/2015
0001362844		P-10 (90% ARGON 10% METHANE)	220	cf	06/18/2015
0001362843		P-10 (90% ARGON 10% METHANE)	220	cf	06/18/2015
0001362862	7440-37-1	ARGON, COMPRESSED	220	cf	06/18/2015
0001362864	7440-37-1	ARGON, COMPRESSED	220	cf	06/18/2015
0001362865	7440-37-1	ARGON, COMPRESSED	220	cf	06/18/2015
0001362852		P-10 (90% ARGON 10% METHANE)	220	cf	06/18/2015
0001362891	1333-74-0	HYDROGEN	220	cf	06/18/2015
0001362893	1333-74-0	HYDROGEN	220		06/18/2015
0001362895	1333-74-0	HYDROGEN	220	cf	06/18/2015
0001362896	1333-74-0	HYDROGEN	220	cf	06/18/2015
0001362897	1333-74-0	HYDROGEN	220		06/18/2015
0001362873		AIR, COMPRESSED	220	cf	06/18/2015
0001362890	1333-74-0	HYDROGEN	220	cf	06/18/2015
0001362898	1333-74-0	HYDROGEN	220	cf	06/18/2015
0001362748	74-98-6	PROPANE	11	gal	06/18/2015
0001362759	74-98-6	PROPANE	11	gal	06/18/2015
0001362758	74-98-6	PROPANE	11	gal	06/18/2015
0001362757	74-98-6	PROPANE	11	gal	06/18/2015
0001362756	74-98-6	PROPANE	11	gal	06/18/2015
0001362755	74-98-6	PROPANE	11	gal	06/18/2015
0001362754	74-98-6	PROPANE	11	gal	06/18/2015
0001362753	74-98-6	PROPANE	11	gal	06/18/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001362752	74-98-6	PROPANE	11	gal	06/18/2015
0001362751	74-98-6	PROPANE	11	gal	06/18/2015
0001362760	74-98-6	PROPANE	11	gal	06/18/2015
0001362749	74-98-6	PROPANE		gal	06/18/2015
0001362764	7440-59-7	HELIUM	220		06/18/2015
0001362747		OXYGEN COMPRESSED GAS	220		06/18/2015
0001362746		OXYGEN COMPRESSED GAS	220		06/18/2015
0001362745		OXYGEN COMPRESSED GAS	220		06/18/2015
0001362750	74-98-6	PROPANE		gal	06/18/2015
0001362769	7440-59-7	HELIUM	220	4	06/18/2015
0001362777	7440-59-7	HELIUM	220		06/18/2015
0001362776	7440-59-7	HELIUM	220		06/18/2015
0001362775	7440-59-7	HELIUM	220		06/18/2015
0001362774	7440-59-7	HELIUM	220	ļ	06/18/2015
0001362773	7440-59-7	HELIUM	220	4	06/18/2015
0001362772 0001362762	7440-59-7 7440-59-7	HELIUM HELIUM	220 220		06/18/2015
0001362762	7440-59-7	HELIUM	220	ļ	06/18/2015 06/18/2015
0001362770	74-98-6	PROPANE		gal	06/18/2015
0001302701	7440-59-7	HELIUM	220	-	06/18/2015
0001362767	7440-59-7	HELIUM	220		06/18/2015
0001362766	7440-59-7	HELIUM	220	ļ	06/18/2015
0001362765	7440-59-7	HELIUM	220	ļ	06/18/2015
0000912954	26266-58-0	SORBITAN TRIOLEATE	250		06/18/2015
0001362763	7440-59-7	HELIUM	220	ļ	06/18/2015
0001362744		OXYGEN COMPRESSED GAS	220	ļ	06/18/2015
0001362771	7440-59-7	HELIUM	220	cf	06/18/2015
0001362741		OXYGEN COMPRESSED GAS	220	cf	06/18/2015
0001362918	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/18/2015
0001362919	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/18/2015
0001362920	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/18/2015
0001362782	7440-59-7	HELIUM	220	cf	06/18/2015
0001362781	7440-59-7	HELIUM	220	cf	06/18/2015
0001362780	7440-59-7	HELIUM	220	cf	06/18/2015
0001362921	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/18/2015
0001362778	7440-59-7	HELIUM	220	cf	06/18/2015
0001362915	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/18/2015
0001362740		OXYGEN COMPRESSED GAS	220	cf	06/18/2015
0001362739		OXYGEN COMPRESSED GAS	220		06/18/2015
0001362738		OXYGEN COMPRESSED GAS	220	cf	06/18/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001362737		OXYGEN COMPRESSED GAS	220	cf	06/18/2015
0000912966	8013-01-2	YEAST EXTRACT	2	kg	06/18/2015
0000912967	90-33-5	4-METHYLLUMBERLLIFERONE	25	gm	06/18/2015
0001362779	7440-59-7	HELIUM	220	cf	06/18/2015
0001362909	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/18/2015
0001362742		OXYGEN COMPRESSED GAS	220	cf	06/18/2015
0001362922	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/18/2015
0000912955	67-71-0	METHYL SULFONE	5	gm	06/18/2015
0000912951	25389-94-0	KANAMYCIN SULFATE		gm	06/18/2015
0000912952	25389-94-0	KANAMYCIN SULFATE		gm	06/18/2015
0000912953	25389-94-0	KANAMYCIN SULFATE	5	gm	06/18/2015
0001362917	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/18/2015
0000912949	56-75-7	CHLORAMPHENICOL	100	gm	06/18/2015
0001362916	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/18/2015
0001362910	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/18/2015
0001362911	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/18/2015
0001362912	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/18/2015
0001362913	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/18/2015
0001362914	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/18/2015
0001362743		OXYGEN COMPRESSED GAS	220	cf	06/18/2015
0000912950	12609-80-2	DEAE SEPHDEX A-25	50	gm	06/18/2015
0001389896		fast setting cement	60	lb	06/19/2015
0001389865		fast setting cement	60	lb	06/19/2015
0001389864		fast setting cement	60	lb	06/19/2015
0001389871		CLOROX		gal	06/19/2015
0001390369		SODA ASH		lb	06/19/2015
0001390381		ASPHALT BINDER		gal	06/19/2015
0001389873		fast setting cement	60		06/19/2015
0001390367		SODA ASH		lb	06/19/2015
0001362930		SUVA 410A Refrigerant		lb	06/19/2015
0001389895 0001389894		fast setting coment	60		06/19/2015 06/19/2015
0001389894		fast setting cement SODA ASH	50		06/19/2015
0001390373	 	SUVA 410A Refrigerant		lb	06/19/2015
0001302323		SODA ASH		lb	06/19/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001390382		ASPHALT BINDER	55	gal	06/19/2015
0001390383		ASPHALT BINDER	55	gal	06/19/2015
0001390316	65997-15-1	PORTLAND CEMENT	90	lb	06/19/2015
0001389867		CLOROX	1	gal	06/19/2015
0001389868		CLOROX		gal	06/19/2015
0001389876		fast setting cement	60		06/19/2015
0001389875		fast setting cement	60		06/19/2015
0001390366		SODA ASH		lb	06/19/2015
0001389874		fast setting cement	60		06/19/2015
0001389870		CLOROX	1	0 -	06/19/2015
0001362931		SUVA 410A Refrigerant		lb	06/19/2015
0001362932		SUVA 410A Refrigerant		lb	06/19/2015
0001390368		SODA ASH	60	lb	06/19/2015 06/19/2015
0001389887		fast setting cement SODA ASH		lb	· · · · · · · · · · · · · · · · · · ·
0001390374 0001389869		CLOROX		†	06/19/2015 06/19/2015
0001389880		fast setting cement	60	gal	06/19/2015
0001383880		SUVA 410A Refrigerant		lb	06/19/2015
0001302328		ASPHALT BINDER		gal	06/19/2015
0001350360		SUVA 410A Refrigerant		lb	06/19/2015
0001362926		SUVA 410A Refrigerant		lb	06/19/2015
0001362923	74-98-6	PROPANE	560		06/19/2015
0001390321	65997-15-1	PORTLAND CEMENT	90		06/19/2015
0001390320	65997-15-1	PORTLAND CEMENT	90	lb	06/19/2015
0001390319	65997-15-1	PORTLAND CEMENT	90		06/19/2015
0001390318	65997-15-1	PORTLAND CEMENT	90	lb	06/19/2015
0001390373		SODA ASH	50	lb	06/19/2015
0001389879		fast setting cement	60	lb	06/19/2015
0001389877		fast setting cement	60	lb	06/19/2015
0001389881		fast setting cement	60	lb	06/19/2015
0001390317	65997-15-1	PORTLAND CEMENT		lb	06/19/2015
0001389898		fast setting cement		lb	06/19/2015
0001389897		fast setting cement	60		06/19/2015
0001389882		fast setting cement		lb	06/19/2015
0001389883		fast setting cement	60		06/19/2015
0001389884		fast setting cement		lb	06/19/2015
0001389885		fast setting cement		lb	06/19/2015
0001389886		fast setting cement		lb 	06/19/2015
0001389878		fast setting cement		lb	06/19/2015
0001390372		SODA ASH		lb	06/19/2015
0001390371		SODA ASH		lb	06/19/2015
0001390370		SODA ASH		lb	06/19/2015
0001389893		fast setting cement		lb	06/19/2015
0001389892		fast setting cement		lb	06/19/2015
0001389891		fast setting cement	60	lb	06/19/2015

Barcode	CAS#	Chemical Name	Container	Unit of	Date
000400000		5	Size	Measure	06/10/2015
0001389890		fast setting coment	60		06/19/2015
0001389889 0001389888		fast setting cement fast setting cement	60		06/19/2015 06/19/2015
0001389888		SODA ASH	50		06/19/2015
0001390356		SODA ASH	50		06/19/2015
0001390330		SODA ASH	50		06/19/2015
0001390347		SODA ASH	50		06/19/2015
0001390349		SODA ASH	50		06/19/2015
0001390350		SODA ASH	50		06/19/2015
0001390351		SODA ASH	50		06/19/2015
0001390352		SODA ASH	50		06/19/2015
0001390353		SODA ASH	50		06/19/2015
0001390336		SODA ASH	50	lb	06/19/2015
0001390364		SODA ASH	50	lb	06/19/2015
0001390355		SODA ASH	50	lb	06/19/2015
0001390344		SODA ASH	50	lb	06/19/2015
0001390322		SODA ASH	50	lb	06/19/2015
0001390357		SODA ASH	50	lb	06/19/2015
0001390358		SODA ASH	50	lb	06/19/2015
0001390359		SODA ASH	50	lb	06/19/2015
0001390360		SODA ASH	50	lb	06/19/2015
0001390361		SODA ASH	50	lb	06/19/2015
0001390362		SODA ASH	50	lb	06/19/2015
0001390363		SODA ASH	50	lb	06/19/2015
0001390354		SODA ASH	50	lb	06/19/2015
0001390333		SODA ASH	50	lb	06/19/2015
0001390323		SODA ASH	50	lb	06/19/2015
0001390324		SODA ASH	50		06/19/2015
0001390325		SODA ASH	50	lb	06/19/2015
0001390326		SODA ASH	50	lb	06/19/2015
0001390327		SODA ASH	50	lb	06/19/2015
0001390328		SODA ASH	50		06/19/2015
0001390329		SODA ASH	50		06/19/2015
0001390330		SODA ASH	50		06/19/2015
0001390346		SODA ASH	50		06/19/2015
0001390332		SODA ASH	50		06/19/2015
0001390345		SODA ASH	50		06/19/2015
0001390334		SODA ASH	50		06/19/2015
0001390335		SODA ASH	50		06/19/2015
0001390337		SODA ASH	50		06/19/2015
0001390339		SODA ASH	50		06/19/2015
0001390340		SODA ASH	50		06/19/2015
0001390341		SODA ASH	50		06/19/2015
0001390342		SODA ASH	50		06/19/2015
0001390343		SODA ASH	50	lb	06/19/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001390331		SODA ASH	50	lb	06/19/2015
0001311636		Surface Prep	4.5	OZ	06/22/2015
0001362934	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	500	I	06/22/2015
0001334164	7697-37-2	NITRIC ACID	450	ml	06/22/2015
0001311635		Surface Prep	4.5	oz	06/22/2015
0001362941	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	06/22/2015
0001362940	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	06/22/2015
0001362939	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	06/22/2015
0001362936	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	ı	06/22/2015
0001362935	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	06/22/2015
0001362942	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	ı	06/22/2015
0001311634		Surface Prep	4.5	OZ	06/22/2015
0001362938	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	06/22/2015
0000912948		YPD AGAR	500	gm	06/22/2015
0001362933	124-38-9	CARBON DIOXIDE, GAS	220	cf	06/22/2015
0001311637		Surface Prep	4.5	oz	06/22/2015
0001362937	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	06/22/2015
0001349705	108-88-3	TOLUENE	1	I	06/23/2015
0000912957	9012-36-6	AGAROSE	5	gm	06/23/2015
0001390386		LYSOL BRAND III	12.5		06/23/2015
0001390385		LYSOL BRAND III	12.5	OZ	06/23/2015
0001390384		LYSOL BRAND III	12.5	oz	06/23/2015
0001390407		LYSOL BRAND III	12.5	OZ	06/23/2015
0001349617		Photon Correlation Spectroscopy Control	125	ml	06/23/2015
0001349615	1310-73-2	SODIUM HYDROXIDE	500		06/23/2015
0001390414		LYSOL BRAND III	12.5	OZ	06/23/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001390402		LYSOL BRAND III	12.5		06/23/2015
0001390403		LYSOL BRAND III	12.5	OZ	06/23/2015
0001390404		LYSOL BRAND III	12.5	OZ	06/23/2015
0000912947	7647-01-0	HYDROCHLORIC ACID OPTIMA-34%	500	ml	06/23/2015
0001390406		LYSOL BRAND III	12.5	OZ	06/23/2015
0001390401		LYSOL BRAND III	12.5	oz	06/23/2015
0001390408		LYSOL BRAND III	12.5	oz	06/23/2015
0001390409		LYSOL BRAND III	12.5	oz	06/23/2015
0001390410		LYSOL BRAND III	12.5	oz	06/23/2015
0001390411		LYSOL BRAND III	12.5	oz	06/23/2015
0001390412		LYSOL BRAND III	12.5	oz	06/23/2015
0001390413		LYSOL BRAND III	12.5	OZ	06/23/2015
0001390405		LYSOL BRAND III	12.5	OZ	06/23/2015
0001390394		LYSOL BRAND III	12.5	OZ	06/23/2015
0001390388		LYSOL BRAND III	12.5	OZ	06/23/2015
0001390389		LYSOL BRAND III	12.5	OZ	06/23/2015
0001390390		LYSOL BRAND III	12.5	OZ	06/23/2015
0001390391		LYSOL BRAND III	12.5		06/23/2015
0001390392		LYSOL BRAND III	12.5		06/23/2015
0001390393		LYSOL BRAND III	12.5		06/23/2015
0001349616		CONDUCTIVITY STANDARD	100	ml	06/23/2015
0000912946	7601-90-3	PERCHLORIC ACID, 70%	250		06/23/2015
0001390387		LYSOL BRAND III	12.5		06/23/2015
0001390395		LYSOL BRAND III	12.5		06/23/2015
0001390396		LYSOL BRAND III	12.5		06/23/2015
0001390397		LYSOL BRAND III	12.5		06/23/2015
0001390398		LYSOL BRAND III	12.5		06/23/2015
0001390399		LYSOL BRAND III	12.5		06/23/2015
0001390400		LYSOL BRAND III	12.5	OZ	06/23/2015
0001349618	7647-01-0	HYDROCHLORIC ACID OPTIMA-34%	2	I	06/23/2015
0001390459		LYSOL BRAND III	12.5	OZ	06/23/2015
0001390440		LYSOL BRAND III	12.5	OZ	06/23/2015
0001390439		LYSOL BRAND III	12.5	OZ	06/23/2015
0001390438		LYSOL BRAND III	12.5		06/23/2015
0001390437		LYSOL BRAND III	12.5	OZ	06/23/2015
0001390436		LYSOL BRAND III	12.5	OZ	06/23/2015
0001390430		LYSOL BRAND III	12.5		06/23/2015
0001390458		LYSOL BRAND III	12.5		06/23/2015
0001390443		LYSOL BRAND III	12.5		06/23/2015
0001390460		LYSOL BRAND III	12.5		06/23/2015
0001390461		LYSOL BRAND III	12.5		06/23/2015
0001390462		LYSOL BRAND III	12.5		06/23/2015
0001390463		LYSOL BRAND III	12.5	OZ	06/23/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001390464		LYSOL BRAND III	12.5	OZ	06/23/2015
0001390465		LYSOL BRAND III	12.5	oz	06/23/2015
0001390435		LYSOL BRAND III	12.5	OZ	06/23/2015
0001390449		LYSOL BRAND III	12.5	OZ	06/23/2015
0001390457		LYSOL BRAND III	12.5		06/23/2015
0001390456		LYSOL BRAND III	12.5		06/23/2015
0001390455		LYSOL BRAND III	12.5		06/23/2015
0001390454		LYSOL BRAND III	12.5		06/23/2015
0001390453		LYSOL BRAND III	12.5		06/23/2015
0001390452		LYSOL BRAND III	12.5		06/23/2015
0001390441		LYSOL BRAND III	12.5	OZ	06/23/2015
0001390450		LYSOL BRAND III	12.5	OZ	06/23/2015
0001390442		LYSOL BRAND III	12.5		06/23/2015
0001390448		LYSOL BRAND III	12.5	OZ	06/23/2015
0001390447		LYSOL BRAND III	12.5	OZ	06/23/2015
0001390446		LYSOL BRAND III	12.5		06/23/2015
0001390445		LYSOL BRAND III	12.5	OZ	06/23/2015
0001390444		LYSOL BRAND III	12.5	OZ	06/23/2015
0001390432		LYSOL BRAND III	12.5	OZ	06/23/2015
0001390451		LYSOL BRAND III	12.5	OZ	06/23/2015
0001349697		DOW CORNING SYLGARD 170 A & B SILICONE ELASTOMER KIT	0.9	kg	06/23/2015
0001390434		LYSOL BRAND III	12.5	oz	06/23/2015
0001349673		SDS SOLUTION 10%	0.25	I	06/23/2015
0001349691	141-78-6	ETHYL ACETATE	4	I	06/23/2015
0001349692	141-78-6	ETHYL ACETATE	4	1	06/23/2015
0001349693	64-19-7	ACETIC ACID	500	ml	06/23/2015
0001349694		DOW CORNING SYLGARD 170 A & B SILICONE ELASTOMER KIT	0.9	kg	06/23/2015
0001349671		SDS SOLUTION 10%	0.25	1	06/23/2015
0001349696		DOW CORNING SYLGARD 170 A & B SILICONE ELASTOMER KIT	0.9	kg	06/23/2015
0001349670	7704-34-9	SULFUR	500	gm	06/23/2015
0001349698		DOW CORNING SYLGARD 170 A & B SILICONE ELASTOMER KIT	0.9		06/23/2015
0001349699	206978-73-6	N 6-Cyclohexyladenosine-5'-O- triphosphate (6-cHe-ATP)	2.9	mg	06/23/2015
0001349700	59587-50-7	?-Nicotinamide-N6-(2- aminoethyl)adenine dinucleotide . sodium salt	2.9	mg	06/23/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001349701		?-Nicotinamide-N6-(2-(6- [biotinyl]aminohexanoyl)aminoethyl)aden ine dinucleotide . sodium salt	0.12	mg	06/23/2015
0001349702		?-Nicotinamide-N6-(2-(6- [biotinyl]aminohexanoyl)aminoethyl)aden ine dinucleotide . sodium salt	0.12	mg	06/23/2015
0001349703	3658-80-8	Dimethyl trisulfide	5	gm	06/23/2015
0001349695		DOW CORNING SYLGARD 170 A & B SILICONE ELASTOMER KIT	0.9	kg	06/23/2015
0001390425		LYSOL BRAND III	12.5	OZ	06/23/2015
0001349704	434-45-7	2,2,2-TRIFLUOROACETOPHENONE	100	gm	06/23/2015
0001349650	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	06/23/2015
0001390431		LYSOL BRAND III	12.5	OZ	06/23/2015
0001349619	7647-01-0	HYDROCHLORIC ACID OPTIMA-34%	2	I	06/23/2015
0001390429		LYSOL BRAND III	12.5	OZ	06/23/2015
0001390428		LYSOL BRAND III	12.5	OZ	06/23/2015
0001349672		SDS SOLUTION 10%	0.25		06/23/2015
0001390426		LYSOL BRAND III	12.5		06/23/2015
0001390433		LYSOL BRAND III	12.5		06/23/2015
0001390424		LYSOL BRAND III	12.5		06/23/2015
0001349665		MOBIL RARUS 829 HYDROCHLORIC ACID (HCL, HYDROGEN	5	gal	06/23/2015
0001349666	7647-01-0	CHLORIDE)	4	I	06/23/2015
0001349667	7647-01-0	HYDROCHLORIC ACID (HCL, HYDROGEN CHLORIDE)	4	I	06/23/2015
0001349668	110-54-3	N-HEXANE	1	I	06/23/2015
0001349669	79-01-6	TRICHLOROETHYLENE	1000	ml	06/23/2015
0001390427		LYSOL BRAND III	12.5	oz	06/23/2015
0001390418		LYSOL BRAND III	12.5	OZ	06/23/2015
0001390470		LYSOL BRAND III	12.5	OZ	06/23/2015
0001390471		LYSOL BRAND III	12.5		06/23/2015
0001390472		LYSOL BRAND III	12.5		06/23/2015
0001390473		LYSOL BRAND III	12.5		06/23/2015
0000912973	1119-72-8	cis,cis-Muconic acid		gm	06/23/2015
0001390415	4076.00.0	LYSOL BRAND III	12.5		06/23/2015
0001349659	1076-38-6	4-HYDROXYCOUMARIN		gm	06/23/2015
0001390417		LYSOL BRAND III	12.5		06/23/2015
0001390467		LYSOL BRAND III	12.5	OZ	06/23/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001390419		LYSOL BRAND III	12.5	oz	06/23/2015
0001390420		LYSOL BRAND III	12.5	oz	06/23/2015
0001390421		LYSOL BRAND III	12.5	oz	06/23/2015
0001349648	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	06/23/2015
0001390422		LYSOL BRAND III	12.5	oz	06/23/2015
0000912945		PH 4.00 BUFFER	475	ml	06/23/2015
0001349660	13909-34-7	N-Benzylidenebenzenesulfonamide	5	gm	06/23/2015
0001390416		LYSOL BRAND III	12.5	oz	06/23/2015
0001382415	1310-73-2	Sodium Hydroxide 25%	3400		06/23/2015
0001349662	67-68-5	DIMETHYL SULFOXIDE	100		06/23/2015
0001349663	1193-18-6	3-METHYL-2-CYCLOHEXENE-1-ONE	100	gm	06/23/2015
0001349664		FORMULA 325	5	gal	06/23/2015
0001349687		Metalon JS-B25HV Nanosilver Ink		ml	06/23/2015
0001349688		Metalon ICI-002HV Nanocopper Ink	50	ml	06/23/2015
0001349689		ALEXA FLUOR 647 CARBOXYLIC ACID	25	ml	06/23/2015
0001349690		ALEXA FLUOR 647 CARBOXYLIC ACID	25	ml	06/23/2015
0001390469		LYSOL BRAND III	12.5	OZ	06/23/2015
0001382414	1310-73-2	Sodium Hydroxide 25%	3400	lb	06/23/2015
0001390468		LYSOL BRAND III	12.5	oz	06/23/2015
0001382416	1310-73-2	Sodium Hydroxide 25%	3400	lb	06/23/2015
0001382417	1310-73-2	Sodium Hydroxide 25%	3400	lb	06/23/2015
0001382418	1310-73-2	Sodium Hydroxide 25%	3400	lb	06/23/2015
0001349661	13909-34-7	N-Benzylidenebenzenesulfonamide	5	gm	06/23/2015
0001349612	112-90-3	OLEYLAMINE	500	gm	06/23/2015
0001390466		LYSOL BRAND III	12.5		06/23/2015
0001390423		LYSOL BRAND III	12.5		06/23/2015
0001382413	1310-73-2	Sodium Hydroxide 25%	3400		06/23/2015
0001349631	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	06/23/2015
0001349622	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	oz	06/23/2015
0001349652	865-49-6	CHLOROFORM-D	500	ml	06/23/2015
0001349653	865-49-6	CHLOROFORM-D	500		06/23/2015
0001349654	865-49-6	CHLOROFORM-D	500	ml	06/23/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001349655	100-26-5	2,5-Pyridinedicarboxylic acid	100	gm	06/23/2015
0001349649	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	06/23/2015
0001349632	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	06/23/2015
0001349647	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	06/23/2015
0001349630	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	06/23/2015
0001349629	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	06/23/2015
0001349628	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	06/23/2015
0001349627	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	06/23/2015
0001349625	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	06/23/2015
0001349623	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	06/23/2015
0001349633	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	06/23/2015
0001349637	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	06/23/2015
0001349643	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	06/23/2015
0001349658	122-57-6	4-PHENYL-3-BUTEN-2-ONE	250	gm	06/23/2015
0001349642	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	06/23/2015
0001349641	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	06/23/2015
0001349640	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	06/23/2015
0001349651	10025-94-2	YTTRIUM(III) CHLORIDE HEXAHYDRATE	50	gm	06/23/2015
0001349638	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	06/23/2015
0001349624	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	06/23/2015
0001349636	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	06/23/2015
0001349635	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	06/23/2015
0001349634	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	06/23/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001349644	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	06/23/2015
0001349645	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	oz	06/23/2015
0001349646	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	06/23/2015
0001349639	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	06/23/2015
0001349620	60-29-7	ETHYL ETHER	4	I	06/23/2015
0001349621	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	06/23/2015
0001349657	21378-21-2	3-METHYL-2-CYCLOHEXEN-1-OL	1	gm	06/23/2015
0001349656	51805-45-9	TRIS(2-CARBOXYETHYL)PHOSPHINE, HYDROCHLORIDE	10	gm	06/23/2015
0001349626	811-97-2	AIRIT SUPER FRIENDLY DUSTER	11	OZ	06/23/2015
0001349608	1310-73-2	SODIUM HYDROXIDE	20	I	06/23/2015
0001349606		SILVER PASTE PLUS	30	gm	06/23/2015
0001349607	1310-73-2	SODIUM HYDROXIDE	500	gm	06/23/2015
0001349609	1310-73-2	SODIUM HYDROXIDE	20	I	06/23/2015
0001349611	1310-73-2	SODIUM HYDROXIDE	20	I	06/23/2015
0001349613	993-13-5	METHYLPHOSPHONIC ACID	5	gm	06/23/2015
0001349614	85949-60-6	Yttrium(III) acetate tetrahydrate	25	gm	06/23/2015
0001349610	1310-73-2	SODIUM HYDROXIDE	20	1	06/23/2015
0001349765	67-64-1	ACETONE FOR HPLC	4	1	06/24/2015
0001349727	8042-47-5	MINERAL OIL	1	I	06/24/2015
0001349728	9002-18-0	AGAR		gm	06/24/2015
0001349759	67-56-1	METHANOL HPLC	4	1	06/24/2015
0001349760	67-56-1	METHANOL HPLC	4	1	06/24/2015
0001349761	67-56-1	METHANOL HPLC	4	I	06/24/2015
0001349762	67-56-1	METHANOL HPLC	4	I	06/24/2015
0001349764	67-64-1	ACETONE FOR HPLC	4	1	06/24/2015
0001311666		COOLUBE 2210	1	gal	06/24/2015
0001349766	67-64-1	ACETONE FOR HPLC	4	1	06/24/2015
0001382379		STYCAST 2850FT BLACK EPOXY RESIN	3	lb	06/24/2015
0001382378	112-57-2	9-CATALYST AMBER	4	OZ	06/24/2015
0001311638	1	WD-40 NON-AEROSOL		OZ	06/24/2015
0001311639	 	BRAKLEEN		OZ	06/24/2015
0001349763	67-64-1	ACETONE FOR HPLC	4		06/24/2015
0001349717		KOLOR KUT Modified Water Finding Paste	2.5	OZ	06/24/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001311648		SAE 5W20 MOTOR OIL	1	qt	06/24/2015
0001349711		Parting Wax		OZ	06/24/2015
0001311640		BRAKLEEN	14	OZ	06/24/2015
0001349712		KOLOR KUT Modified Water Finding Paste	2.5	oz	06/24/2015
0001349713		KOLOR KUT Modified Water Finding Paste	2.5	OZ	06/24/2015
0001349714		KOLOR KUT Modified Water Finding Paste	2.5	OZ	06/24/2015
0001349726	67605-85-0	N-butyryl-L-Homoserine lactone	10	mg	06/24/2015
0001349716		KOLOR KUT Modified Water Finding Paste	2.5	OZ	06/24/2015
0001349725	168982-69-2	N-(3-Oxododecanoyl)-L-homoserine lactone	10	mg	06/24/2015
0001349718		Tap Magic EP-Xtra Cutting Fluid	4	oz	06/24/2015
0001349719		PROTAP CUTTING FLUID	4	OZ	06/24/2015
0001349720	10361-37-2	BARIUM CHLORIDE, ANHYDROUS	100	gm	06/24/2015
0001349721	10476-85-4	STRONTIUM CHLORIDE, HEPTAHYDRATE	50	gm	06/24/2015
0001349722	10025-90-8	Praseodymium (III) chloride heptahydrate	100	gm	06/24/2015
0001349723		PELCO COLLOIDAL SILVER, 30G	15	gm	06/24/2015
0001349724		SEM GOLD SILVER EXTENDER	25	ml	06/24/2015
0001349715		KOLOR KUT Modified Water Finding Paste	2.5	OZ	06/24/2015
0001390502		CLOROX	121	OZ	06/24/2015
0001311646		DIESEL ENGINE OIL SAE 15W-40	1	gal	06/24/2015
0001390517		PVC CEMENT	1	qt	06/24/2015
0001390516		PVC CEMENT	1	qt	06/24/2015
0001390515		PVC CEMENT	1	qt	06/24/2015
0001390512		CLOROX	121	ł	06/24/2015
0001390511		CLOROX	121		06/24/2015
0001390510		CLOROX	121		06/24/2015
0001390509		CLOROX	121		06/24/2015
0001390508		CLOROX	121		06/24/2015
0001390507 0001390506		CLOROX	121 121		06/24/2015 06/24/2015
0001390506		CLOROX	121		06/24/2015
0001390503		PVC CEMENT		qt	06/24/2015

Barcode	CAS#	Chemical Name	Container	Unit of	Date
0001390503		CLOROX	Size	Measure	06/24/2015
0001390503		PVC CEMENT	_	qt	06/24/2015
0001330320		CLOROX	121		06/24/2015
0001390500		CLOROX	121		06/24/2015
0001390499		CLOROX	121		06/24/2015
0001390498		CLOROX	121		06/24/2015
0001390497		CLOROX	121		06/24/2015
0001390496		CLOROX	121	OZ	06/24/2015
0001390495		CLOROX	121	OZ	06/24/2015
0001390494		CLOROX	121	OZ	06/24/2015
0001390493		CLOROX	121	OZ	06/24/2015
0001390492		CLOROX	121	OZ	06/24/2015
0001390491		CLOROX	121	OZ	06/24/2015
0001390490		CLOROX	121	OZ	06/24/2015
0001390504		CLOROX	121	OZ	06/24/2015
0001311657		15w40 motor oil	_	qt	06/24/2015
0001311642		BRAKE FLUID DOT 3		oz	06/24/2015
0001311643		Lucas SAE 85W-140 Gear Oil	_	qt	06/24/2015
0001311644		Lucas SAE 85W-140 Gear Oil		qt	06/24/2015
0001311645		ANTIFREEZE/COOLANT		gal	06/24/2015
0001349710	-	PVA Release Film		gal	06/24/2015
0001311647	-	SAE 5W20 MOTOR OIL		qt	06/24/2015
0001311649	1	SAE 5W20 MOTOR OIL		qt	06/24/2015
0001311650	+	SAE 5W20 MOTOR OIL		qt	06/24/2015
0001311651		SAE 5W20 MOTOR OIL SAE 5W20 MOTOR OIL		qt	06/24/2015 06/24/2015
0001311652 0001311653	+	SAE 5W20 MOTOR OIL		qt	06/24/2015
0001311653		15w40 motor oil	1	qt qt	06/24/2015
0001311034	+	PVC CEMENT		qt	06/24/2015
0001330318		15w40 motor oil		qt	06/24/2015
0001311636		BRAKLEEN		OZ	06/24/2015
0001311041	+	System 2000 Epoxy Resin		qt	06/24/2015
0001349708		System 2000 Epoxy Resin		gal	06/24/2015
0001349707	460-73-1	6 Lb. Polyurethane Mix and Pour Foam		lb	06/24/2015
0001349706		2 Lb. Polyurethane Mix and Pour Foam	2	lb	06/24/2015
0001390522		PVC CEMENT	1	qt	06/24/2015
0001390521		PVC CEMENT		qt	06/24/2015
0001362925		SUVA 410A Refrigerant		lb	06/24/2015
0001362924		SUVA 410A Refrigerant		lb	06/24/2015
0001349770	110-54-3	HEXANE	4	I	06/24/2015
0001349769	110-54-3	HEXANE	4	<u> </u>	06/24/2015
0001349768	110-54-3	HEXANE	4	1	06/24/2015
0001349767	110-54-3	HEXANE	4		06/24/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001311655		15w40 motor oil	1	qt	06/24/2015
0001390485		CLOROX	121	OZ	06/24/2015
0001349685	7722-84-1	HYDROGEN PEROXIDE, 30% SOLUTION	500	ml	06/24/2015
0001390489		CLOROX	121	OZ	06/24/2015
0001390488		CLOROX	121	OZ	06/24/2015
0001390486		CLOROX	121	OZ	06/24/2015
0001390484		CLOROX	121	OZ	06/24/2015
0001390475		CLOROX	121	OZ	06/24/2015
0001390476		CLOROX	121	OZ	06/24/2015
0001390477		CLOROX	121		06/24/2015
0001390478		CLOROX	121	OZ	06/24/2015
0001390479		CLOROX	121	OZ	06/24/2015
0001390480		CLOROX	121	OZ	06/24/2015
0001390481		CLOROX	121	OZ	06/24/2015
0001390482		CLOROX	121	OZ	06/24/2015
0001390483		CLOROX	121	OZ	06/24/2015
0001390487		CLOROX	121	OZ	06/24/2015
0001349675	71-43-2	BENZENE	25	gm	06/24/2015
0001349686	7722-84-1	HYDROGEN PEROXIDE, 30% SOLUTION	500	ml	06/24/2015
0001349684	7722-84-1	HYDROGEN PEROXIDE, 30% SOLUTION	500	ml	06/24/2015
0001349683	7722-84-1	HYDROGEN PEROXIDE, 30% SOLUTION	500	ml	06/24/2015
0001349682	7722-84-1	HYDROGEN PEROXIDE, 30% SOLUTION	500	ml	06/24/2015
0001349681	7722-84-1	HYDROGEN PEROXIDE, 30% SOLUTION	500	ml	06/24/2015
0001349680	7697-37-2	NITRIC ACID OPTIMA	1	I	06/24/2015
0001349679	56-81-5	GLYCEROL	500	ml	06/24/2015
0001349678	62-56-6	THIOUREA	100	gm	06/24/2015
0001390514		PVC CEMENT		qt	06/24/2015
0001349676	71-43-2	BENZENE	25	gm	06/24/2015
0001349674	1186-52-3	ACETIC ACID D4		gm	06/24/2015
0001311665		DX-111/M ATF		qt	06/24/2015
0001311664		DX-111/M ATF	1	qt	06/24/2015
0001311663		DX-111/M ATF	1	qt	06/24/2015
0001311662		DX-111/M ATF	1	qt	06/24/2015
0001311661		DX-111/M ATF	1	qt	06/24/2015
0001311660		15w40 motor oil	1	qt	06/24/2015
0001311659		15w40 motor oil	1	qt	06/24/2015
0001311658		15w40 motor oil		qt	06/24/2015
0001349677	10102-40-6	SODIUM MOLYBDATE, DIHYDRATE	100	gm	06/24/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001349785		HIGH PURITY DI-ELECTRIC SILICONE GEL	2	pt	06/25/2015
0001349735	13477-89-9	NEODYMIUM(III) CHLORIDE HEXAHYDRATE	50	gm	06/25/2015
0001390513		PERMACOOL	5	gal	06/25/2015
0001382784	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	06/25/2015
0001382422	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	06/25/2015
0001382420	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	06/25/2015
0001382419	7732-18-5	Hydrochloric Acid 30-31%	3000	lb	06/25/2015
0001349782		HIGH PURITY DI-ELECTRIC SILICONE GEL	2	pt	06/25/2015
0001349736		MemGold2 Membrane	960	ml	06/25/2015
0001349784		HIGH PURITY DI-ELECTRIC SILICONE GEL	2	pt	06/25/2015
0001382783	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	06/25/2015
0001349741		SOLDER PASTE	10	gm	06/25/2015
0001349742		SOLDER PASTE	10	gm	06/25/2015
0001349789		FORMULA 2011	55	gal	06/25/2015
0001349790		FORMULA 2011	55	gal	06/25/2015
0001349791		FORMULA 2011	55	gal	06/25/2015
0001349792		FORMULA 2011	55	gal	06/25/2015
0001349781		HIGH PURITY DI-ELECTRIC SILICONE GEL	2	pt	06/25/2015
0001349783		HIGH PURITY DI-ELECTRIC SILICONE GEL	2	pt	06/25/2015
0001349779		HIGH PURITY DI-ELECTRIC SILICONE GEL	2	pt	06/25/2015
0001349773		HIGH VACUUM GREASE	5.3	oz	06/25/2015
0001349774	4731-53-7	TRIOCTYLPHOSPHINE	100		06/25/2015
0001349775		HIGH PURITY DI-ELECTRIC SILICONE GEL	2	pt	06/25/2015
0001349776		HIGH PURITY DI-ELECTRIC SILICONE GEL	2	pt	06/25/2015
0001349777		HIGH PURITY DI-ELECTRIC SILICONE GEL	2	pt	06/25/2015
0001349778		HIGH PURITY DI-ELECTRIC SILICONE GEL	2	pt	06/25/2015
0001349780		HIGH PURITY DI-ELECTRIC SILICONE GEL	2	pt	06/25/2015
0001382421	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	06/25/2015
0001349772		HIGH VACUUM GREASE	5.3	OZ	06/25/2015
0001349793	12064-62-9	GADOLINIUM OXIDE	1	kg	06/26/2015
0001349794	12064-62-9	GADOLINIUM OXIDE	1	kg	06/26/2015
0001349795	82494-09-5	n-DECYL-?-D-MALTOPYRANOSIDE	25	gm	06/26/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001349796	82494-09-5	n-DECYL-?-D-MALTOPYRANOSIDE	25	gm	06/26/2015
0001382785	1310-73-2	Sodium Hydroxide 25%	3400	lb	06/26/2015
0001349758	75-09-2	DICHLOROMETHANE	2.5	I	06/26/2015
0001382797	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	06/26/2015
0001349797		1-Step Ultra TMB-ELISA Substrate Solution	250	ml	06/26/2015
0001382798	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	06/26/2015
0001382796	7786-30-3	MAGNESIUM CHLORIDE	3300	ļ	06/26/2015
0001349757	101-02-0	TRIPHENYL PHOSPHITE	2.5		06/26/2015
0001349756	22560-16-3	SUPER-HYDRIDE (LITHIUM TRIETHYLBOROHYDRIDE)	100		06/26/2015
0001349755	22560-16-3	SUPER-HYDRIDE (LITHIUM TRIETHYLBOROHYDRIDE)	100	ml	06/26/2015
0001382795	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	06/26/2015
0001382794	7786-30-3	MAGNESIUM CHLORIDE	3300		06/26/2015
0001382793		NALCO 7408 CHLORINE SCAVENGER SOLUTION	2209		06/26/2015
0001382792	7732-18-5	Hydrochloric Acid 30-31%	3000	lb	06/26/2015
0001382791	7732-18-5	Hydrochloric Acid 30-31%	3000		06/26/2015
0001349798	540-63-6	1,2-ETHANEDITHIOL	100		06/26/2015
0001382786	1310-73-2	Sodium Hydroxide 25%	3400		06/26/2015
0001349799	75-64-9	TERT-BUTYLAMINE	1	I	06/26/2015
0001349738		N6-Methyl-ATP	150	ml	06/26/2015
0001349753	22560-16-3	SUPER-HYDRIDE (LITHIUM TRIETHYLBOROHYDRIDE)	100		06/26/2015
0000912963	66108-95-0	NYCODENZ	100	gm	06/26/2015
0001349751	56-12-2	GAMA-AMINO-N-BUTYRIC ACID		gm	06/26/2015
0000912964	66108-95-0	NYCODENZ	100	gm	06/26/2015
0001349750		SOLDER PASTE		gm	06/26/2015
0001349749		SOLDER PASTE		gm	06/26/2015
0001349748		SOLDER PASTE		gm	06/26/2015
0001349747		SOLDER PASTE		gm	06/26/2015
0001349746		SOLDER PASTE		gm	06/26/2015
0001349745		SOLDER PASTE		gm	06/26/2015
0001349744		SOLDER PASTE		gm	06/26/2015
0001349743		SOLDER PASTE		gm	06/26/2015
0001349752	65427-54-5	DL-2,4-Diaminobutyric acid dihydrochloride		gm	06/26/2015
0001349739	2044-56-6	LITHIUM DODECYL SULFATE	25	gm	06/26/2015
0001349754	22560-16-3	SUPER-HYDRIDE (LITHIUM TRIETHYLBOROHYDRIDE)	100		06/26/2015
0001349771		pUC57 plasmid DNA	4	ugm	06/26/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001349788		2-(pyridin-2-yl)-N-((tetrahydrofuran-2-yl)methyl)quinazolin-4-amine	2	gm	06/26/2015
0001349787		2-(pyridin-2-yl)-N-((tetrahydrofuran-2-yl)methyl)quinazolin-4-amine	2	gm	06/26/2015
0001349786		2-(pyridin-2-yl)-N-((tetrahydrofuran-2-yl)methyl)quinazolin-4-amine	2	gm	06/26/2015
0001382790	1310-73-2	Sodium Hydroxide 25%	3400	lb	06/26/2015
0001382789	1310-73-2	Sodium Hydroxide 25%	3400		06/26/2015
0001382788	1310-73-2	Sodium Hydroxide 25%	3400		06/26/2015
0000912958	9012-36-6	AGAROSE		gm	06/26/2015
0000912959	15708-41-5	EDTA, SODIUM FERRIC SALT	100	gm	06/26/2015
0000912960		ISP MEDIUM 2 YEAST MALT EXTRACT AGAR	500		06/26/2015
0000912961		YM BROTH	500		06/26/2015
0001382787	1310-73-2	Sodium Hydroxide 25%	3400		06/26/2015
0001349740	7447-41-8	LITHIUM CHLORIDE	100	gm	06/26/2015
0001362989		P-10 (90% ARGON 10% METHANE)	220	cf	06/29/2015
0001363041	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/29/2015
0001362943	7440-59-7	HELIUM	220	cf	06/29/2015
0001362997		P-10 (90% ARGON 10% METHANE)	220	cf	06/29/2015
0001362996		P-10 (90% ARGON 10% METHANE)	220	cf	06/29/2015
0001362995		P-10 (90% ARGON 10% METHANE)	220	cf	06/29/2015
0001362994		P-10 (90% ARGON 10% METHANE)	220	cf	06/29/2015
0001362993		P-10 (90% ARGON 10% METHANE)	220	cf	06/29/2015
0001362992		P-10 (90% ARGON 10% METHANE)	220	cf	06/29/2015
0001362950	7440-59-7	HELIUM	220	cf	06/29/2015
0001362990		P-10 (90% ARGON 10% METHANE)	220	cf	06/29/2015
0001362949	7440-59-7	HELIUM	220	cf	06/29/2015
0001362988		P-10 (90% ARGON 10% METHANE)	220	cf	06/29/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001362987		P-10 (90% ARGON 10% METHANE)	220	cf	06/29/2015
0001362986		P-10 (90% ARGON 10% METHANE)	220	cf	06/29/2015
0001362944	7440-59-7	HELIUM	220	cf	06/29/2015
0001362945	7440-59-7	HELIUM	220	cf	06/29/2015
0001362946	7440-59-7	HELIUM	220	cf	06/29/2015
0001362947	7440-59-7	HELIUM	220	cf	06/29/2015
0001362948	7440-59-7	HELIUM	220	cf	06/29/2015
0001362991		P-10 (90% ARGON 10% METHANE)	220	cf	06/29/2015
0001363018	7440-37-1	ARGON, COMPRESSED	220	cf	06/29/2015
0001363043	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/29/2015
0001363006	7440-37-1	ARGON, COMPRESSED	220	cf	06/29/2015
0001363007	7440-37-1	ARGON, COMPRESSED	220	cf	06/29/2015
0001363008	7440-37-1	ARGON, COMPRESSED	220	cf	06/29/2015
0001363009	7440-37-1	ARGON, COMPRESSED	220	cf	06/29/2015
0001363010	7440-37-1	ARGON, COMPRESSED	220	cf	06/29/2015
0001363011	7440-37-1	ARGON, COMPRESSED	220	cf	06/29/2015
0001363012	7440-37-1	ARGON, COMPRESSED	220	cf	06/29/2015
0001363013	7440-37-1	ARGON, COMPRESSED	220	cf	06/29/2015
0001363014	7440-37-1	ARGON, COMPRESSED	220	cf	06/29/2015
0001363015	7440-37-1	ARGON, COMPRESSED	220	cf	06/29/2015
0001363004	7782-44-7	OXYGEN, COMPRESSED GAS	20	cf	06/29/2015
0001363017	7440-37-1	ARGON, COMPRESSED	220	cf	06/29/2015
0001363003		P-10 (90% ARGON 10% METHANE)	220	cf	06/29/2015
0001363019	7440-37-1	ARGON, COMPRESSED	220	cf	06/29/2015
0001363020	7782-44-7	OXYGEN, COMPRESSED GAS	220		06/29/2015
0001363021	7782-44-7	OXYGEN, COMPRESSED GAS	220	cf	06/29/2015
0001363022	7782-44-7	OXYGEN, COMPRESSED GAS	220	cf	06/29/2015
0001363023	7782-44-7	OXYGEN, COMPRESSED GAS	220	cf	06/29/2015
0001363024	7782-44-7	OXYGEN, COMPRESSED GAS	220	cf	06/29/2015
0001363025	7782-44-7	OXYGEN, COMPRESSED GAS	220	cf	06/29/2015
0001363031	7782-44-7	OXYGEN, COMPRESSED GAS	220	cf	06/29/2015
0001363030	7782-44-7	OXYGEN, COMPRESSED GAS	220	cf	06/29/2015
0001363029	7782-44-7	OXYGEN, COMPRESSED GAS	220	cf	06/29/2015
0001363028	7782-44-7	OXYGEN, COMPRESSED GAS	220	cf	06/29/2015
0001363027	7782-44-7	OXYGEN, COMPRESSED GAS	220	cf	06/29/2015
0001363016	7440-37-1	ARGON, COMPRESSED	220	1	06/29/2015
0001363039	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/29/2015
0001363052	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/29/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001363051	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/29/2015
0001363050	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/29/2015
0001363049	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/29/2015
0001363048	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/29/2015
0001363047	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/29/2015
0001363046	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/29/2015
0001363045	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/29/2015
0001363044	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/29/2015
0001362951	7440-59-7	HELIUM	220	cf	06/29/2015
0001363042	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/29/2015
0001363005	7440-37-1	ARGON, COMPRESSED	220	cf	06/29/2015
0001363040	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/29/2015
0001363053	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/29/2015
0001363038	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/29/2015
0001363037	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/29/2015
0001363036	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/29/2015
0001363035	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/29/2015
0001363034	7782-44-7	OXYGEN, COMPRESSED GAS	220	cf	06/29/2015
0001363033	7782-44-7	OXYGEN, COMPRESSED GAS	220		06/29/2015
0001363032	7782-44-7	OXYGEN, COMPRESSED GAS	220	cf	06/29/2015
0001362998		P-10 (90% ARGON 10% METHANE)	220	cf	06/29/2015
0001362999		P-10 (90% ARGON 10% METHANE)	220	cf	06/29/2015
0001363000		P-10 (90% ARGON 10% METHANE)	220	cf	06/29/2015
0001363001		P-10 (90% ARGON 10% METHANE)	220	cf	06/29/2015
0001363002		P-10 (90% ARGON 10% METHANE)	220	cf	06/29/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001362978		P-10 (90% ARGON 10% METHANE)	220	cf	06/29/2015
0001382803	1310-73-2	Sodium Hydroxide 25%	3400	lb	06/29/2015
0001362980		P-10 (90% ARGON 10% METHANE)	220	cf	06/29/2015
0001362981		P-10 (90% ARGON 10% METHANE)	220	cf	06/29/2015
0001362982		P-10 (90% ARGON 10% METHANE)	220	cf	06/29/2015
0001362983		P-10 (90% ARGON 10% METHANE)	220	cf	06/29/2015
0001362984		P-10 (90% ARGON 10% METHANE)	220	cf	06/29/2015
0001362985		P-10 (90% ARGON 10% METHANE)	220	cf	06/29/2015
0001363026	7782-44-7	OXYGEN, COMPRESSED GAS	220	cf	06/29/2015
0001311667		KUBOTA Hydraulic 46 1/5 GA	5	gal	06/29/2015
0001311668		KUBOTA Hydraulic 46 1/5 GA	5	gal	06/29/2015
0001311669		KUBOTA Hydraulic 46 1/5 GA	5	gal	06/29/2015
0001311670		KUBOTA Hydraulic 46 1/5 GA	5	gal	06/29/2015
0001362979		P-10 (90% ARGON 10% METHANE)	220	cf	06/29/2015
0001382802	1310-73-2	Sodium Hydroxide 25%	3400	lb	06/29/2015
0001363090	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	06/29/2015
0001382804	1310-73-2	Sodium Hydroxide 25%	3400	lb	06/29/2015
0001382805	1310-73-2	Sodium Hydroxide 25%	3400	lb	06/29/2015
0001363088	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	06/29/2015
0001363086	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	06/29/2015
0001363091	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	06/29/2015
0001363084	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	06/29/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001363085	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	06/29/2015
0001363089	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	06/29/2015
0001362952	7440-59-7	HELIUM	220	cf	06/29/2015
0001363092	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	06/29/2015
0001362976		P-10 (90% ARGON 10% METHANE)	220	cf	06/29/2015
0001363093	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	ı	06/29/2015
0001382801	1310-73-2	Sodium Hydroxide 25%	3400	lb	06/29/2015
0001362954	74-98-6	PROPANE	11	gal	06/29/2015
0001363087	7440-59-7	HELIUM, REFRIGERATED LIQUID (CRYOGENIC LIQUID)	100	I	06/29/2015
0001349847		Transparent Resin Dye - Blue	1	OZ	06/29/2015
0001362953	74-98-6	PROPANE	11	gal	06/29/2015
0001362955	74-98-6	PROPANE	11	gal	06/29/2015
0001362956	74-98-6	PROPANE		gal	06/29/2015
0001362957	74-98-6	PROPANE		gal	06/29/2015
0001362958	74-98-6	PROPANE		gal	06/29/2015
0001362959		94% ARGON/6% HYDROGEN	220		06/29/2015
0001362960		94% ARGON/6% HYDROGEN	220		06/29/2015
0001362961 0001362962		94% ARGON/6% HYDROGEN 94% ARGON/6% HYDROGEN	220 220		06/29/2015 06/29/2015
0001362962		94% ARGON/6% HYDROGEN	220		06/29/2015
0001302903		94% ARGON/6% HYDROGEN	220		06/29/2015
0001362973		94% ARGON/6% HYDROGEN	220		06/29/2015
0001382799	7705-08-0	FERRIC CHLORIDE	3400		06/29/2015
0001382800	1310-73-2	Sodium Hydroxide 25%	3400		06/29/2015
0001362965		94% ARGON/6% HYDROGEN	220		06/29/2015
0001362974		P-10 (90% ARGON 10% METHANE)	220	cf	06/29/2015
0001362977		P-10 (90% ARGON 10% METHANE)	220	cf	06/29/2015
0001362972		94% ARGON/6% HYDROGEN	220	cf	06/29/2015
0001362971		94% ARGON/6% HYDROGEN	220		06/29/2015
0001362970		94% ARGON/6% HYDROGEN	220		06/29/2015
0001362969		94% ARGON/6% HYDROGEN	220	cf	06/29/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001362968		94% ARGON/6% HYDROGEN	220	ļ	06/29/2015
0001362967		94% ARGON/6% HYDROGEN	220		06/29/2015
0001362966		94% ARGON/6% HYDROGEN	220	cf	06/29/2015
0001362975		P-10 (90% ARGON 10% METHANE)	220	cf	06/29/2015
0001349844		Transparent Resin Dye - Amber	1	OZ	06/29/2015
0001363066	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/29/2015
0001349802	7697-37-2	NITRIC ACID OPTIMA	500	ml	06/29/2015
0001349801	7697-37-2	NITRIC ACID OPTIMA	500	ml	06/29/2015
0001349833	131890-26-1	Bis[2-(diisopropylphosphino)ethyl]amine, 10% w/w soln. in THF	25	gm	06/29/2015
0001349840	109-99-9	TETRAHYDROFURAN	1	I	06/29/2015
0001349839	109-99-9	TETRAHYDROFURAN	1	I	06/29/2015
0001349838	60-29-7	ETHYL ETHER ANHYDROUS	4	I	06/29/2015
0001149394	1185-53-1	TRIS-HCL	1	I	06/29/2015
0001349837	60-29-7	ETHYL ETHER ANHYDROUS	4	I	06/29/2015
0001349841	462-06-6	FLUOROBENZENE	500	gm	06/29/2015
0001149393		LURIA BROTH BASE (MILLER'S LB BROTH BASE)	2	kg	06/29/2015
0001349842	462-06-6	FLUOROBENZENE	500	gm	06/29/2015
0001349836	16872-11-0	TETRAFLUOROBORIC ACID LIQUID 48%	25	gm	06/29/2015
0001349835	2037-26-5	TOLUENE-D8	50	gm	06/29/2015
0001349846		Transparent Resin Dye - Yellow	1	OZ	06/29/2015
0001149388	9002-18-0	AGAR	500	gm	06/29/2015
0001349845		Transparent Resin Dye - Green	1	oz	06/29/2015
0001349832	131890-26-1	Bis[2-(diisopropylphosphino)ethyl]amine, 10% w/w soln. in THF	25	gm	06/29/2015
0001349831	79-10-7	ACRYLIC ACID	100	gm	06/29/2015
0001349809	557-34-6	ZINC ACETATE		gm	06/29/2015
0001349808	629-82-3	OCTYL ETHER		gm	06/29/2015
0001349807	629-82-3	OCTYL ETHER		gm	06/29/2015
0001349806	629-82-3	OCTYL ETHER	100	gm	06/29/2015
0001349805	1693-74-9	TETRAHYDROFURAN-D8		gm	06/29/2015
0001349804	1693-74-9	TETRAHYDROFURAN-D8		gm	06/29/2015
0001349803	1277-43-6	BIS(CYCLOPENTADIENYL) COBALT	2	gm	06/29/2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0000912943	27565-41-9	DITHIOTHREITOL (CLELAND'S REAGENT, DTT, THREO-1,4-DIMERCAPT	10	gm	06/29/2015
0001149397	60-54-8	TETRACYCLINE	5	gm	06/29/2015
0001349834	67-63-0	2-PROPANOL	2500	ml	06/29/2015
0001363070		AIR, COMPRESSED	220	cf	06/29/2015
0001363054	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/29/2015
0001363055	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/29/2015
0001363056	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/29/2015
0001363057	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/29/2015
0001363058	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/29/2015
0001363059	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/29/2015
0001363060	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/29/2015
0001363061	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/29/2015
0001363062	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/29/2015
0001363063	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/29/2015
0001363064	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/29/2015
0001363065	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/29/2015
0001363068	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/29/2015
0001363069		AIR, COMPRESSED	220	cf	06/29/2015
0001349800	1313-27-5	MOLYBDENUM TRIOXIDE	500	gm	06/29/2015
0001363071		AIR, COMPRESSED	220		06/29/2015
0001363072		AIR, COMPRESSED	220		06/29/2015
0001363073		AIR, COMPRESSED	220		06/29/2015
0001363074		AIR, COMPRESSED	220		06/29/2015
0001363075		AIR, COMPRESSED	220		06/29/2015
0001363076		AIR, COMPRESSED	220		06/29/2015
0001363077		2.9% Hydrogen/Bal. Argon	220	CT	06/29/2015
0001363078	7727-37-9	NITROGEN, COMPRESSED GAS	100		06/29/2015
0000912968		BUTANE FUEL	26.5		06/29/2015
0000912969		BUTANE FUEL	1.5	OZ	06/29/2015

Barcode	CAS#	Chemical Name	Container	Unit of	Date
Barcode	CA3 #	Chemical Name	Size	Measure	Date
0000912970		BUTANE FUEL	1.2		06/29/2015
0000912962		Tryptone Soya Broth	500	gm	06/29/2015
0000912956	1343-98-2	DESSICANT SILICA GEL	500	gm	06/29/2015
0001363067	7727-37-9	NITROGEN, COMPRESSED GAS	220	cf	06/29/2015
0001349879		IF-10a GN Base	125	ml	06/30/2015
0001349880		Redox Dye Mix A	20	ml	06/30/2015
0001349881		Redox Dye Mix D	20	ml	06/30/2015
0001349882		Redox Dye Mix H	20	ml	06/30/2015
0001382806	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	06/30/2015
0001382807	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	06/30/2015
0001382808	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	06/30/2015
0001382809	7786-30-3	MAGNESIUM CHLORIDE	3300	lb	06/30/2015
0001382811	7732-18-5	Hydrochloric Acid 30-31%	3000	lb	06/30/2015
0001349873		IF-0a GN/GP Base	125	ml	06/30/2015
0001382812	7732-18-5	Hydrochloric Acid 30-31%	3000	lb	06/30/2015
0001382810	7786-30-3	MAGNESIUM CHLORIDE	3300		06/30/2015
0001349878		IF-10a GN Base	125		06/30/2015
0001349877		AN Inoculating Fluid	125		06/30/2015
0001349876		AN Inoculating Fluid	125		06/30/2015
0001349868		IF-A	240		06/30/2015
0001349874		AN Inoculating Fluid	125		06/30/2015
0001349872		IF-0a GN/GP Base	125		06/30/2015
0001349871		IF-C	240		06/30/2015
0001349870		IF-C	240		06/30/2015
0001349869		IF-A	240		06/30/2015
0001349903	7732-18-5	Hydrochloric Acid 30-31%	2.5		06/30/2015
0001349867	7440-44-0	CARBON	-	gm	06/30/2015
0001349875		AN Inoculating Fluid	125		06/30/2015
0001349915	1076-43-3	BENZENE-D6		gm	06/30/2015
0001349825	67-56-1	METHANOL OPTIMA	1	1	06/30/2015
0001349826	67-64-1	ACETONE OPTIMA	1	i	06/30/2015
0001349827		PROTEASE INHIBITOR COCKTAIL	25	ml	06/30/2015
0001349828		PROTEASE INHIBITOR COCKTAIL	25	ml	06/30/2015
0001349829	13494-80-9	TELLURIUM POWDER	25	gm	06/30/2015
0001349830	3443-45-6	1-PYRENEBUTYRIC ACID		gm	06/30/2015
0001349861	67-56-1	METHANOL ANHYDROUS	4		06/30/2015
0001349862	1493-13-6	TRIFLUOROMETHANESULONIC ACID	10	gm	06/30/2015
0001349864	8032-32-4	PETROLEUM ETHER ACS CERTIFIED	1	I	06/30/2015
0001349865		IMMERSION OIL	16	OZ	06/30/2015

Chemical Usage March-June 2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001349917	8042-47-5	Citation 280 White Mineral Oil	55	gal	06/30/2015
0001349916	1076-43-3	BENZENE-D6	50	gm	06/30/2015
0001349904	7732-18-5	Hydrochloric Acid 30-31%	2.5	I	06/30/2015
0001349914	7697-37-2	NITRIC ACID	2.5	I	06/30/2015
0001349913	7697-37-2	NITRIC ACID	2.5	I	06/30/2015
0001349912	7697-37-2	NITRIC ACID	2.5	I	06/30/2015
0001349911	7697-37-2	NITRIC ACID	2.5	I	06/30/2015
0001349910	7697-37-2	NITRIC ACID	2.5	I	06/30/2015
0001349909	7697-37-2	NITRIC ACID	2.5	I	06/30/2015
0001349908	7732-18-5	Hydrochloric Acid 30-31%	2.5	I	06/30/2015
0001349907	7732-18-5	Hydrochloric Acid 30-31%	2.5	I	06/30/2015
0001349906	7732-18-5	Hydrochloric Acid 30-31%	2.5	I	06/30/2015
0001349905	7732-18-5	Hydrochloric Acid 30-31%	2.5	1	06/30/2015
0001349918	8042-47-5	Citation 280 White Mineral Oil	55	gal	06/30/2015

ATTACHMENT A907.B.a.

Chemical Usage

CMRR-CHEM Chemical Purchases (From ChemLog)

RLUOB-CHEM Chemical Purchases March - June 2015

Barcode	CAS#	Chemical Name	Container Size	Unit of Measure	Date
0001341334		VACUUM PUMP OIL	1	I	05/21/2015
0001327475		ERBIUM STANDARD	50	ml	06/08/2015
0001327474		DYSPROSIUM STANDARD	50	ml	06/08/2015
0001327476		EUROPIUM STANDARD	50	ml	06/08/2015
0001327477		GADOLINIUM STANDARD	50	ml	06/08/2015
0001327478		LUTETIUM STANDARD	50	ml	06/08/2015
0001327479		YTTERBIUM STANDARD	50	ml	06/08/2015
0001327591		VACUUM PUMP OIL	1	I	06/08/2015
0001327592		VACUUM PUMP OIL	1	I	06/08/2015
0001327593		VACUUM PUMP OIL	1	I	06/08/2015
0001327473		CERIUM STANDARD	50	ml	06/08/2015
0001327698		VACUUM PUMP OIL	1	I	06/11/2015
0001327705		VACUUM PUMP OIL	1	I	06/11/2015
0001327704		VACUUM PUMP OIL	1	I	06/11/2015
0001327703		VACUUM PUMP OIL	1	I	06/11/2015
0001327702		VACUUM PUMP OIL	1	I	06/11/2015
0001327701		VACUUM PUMP OIL	1	I	06/11/2015
0001327700		VACUUM PUMP OIL	1	I	06/11/2015
0001327699		VACUUM PUMP OIL	1	I	06/11/2015

2015 CMRR-RLUOB HAPs Monthly Emission Rates (lbs)

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	0	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						
		0	0	0	0	0	0						
		0	0	0	0	0	0						
		0	0	0	0	0	0						
		0	0	0	0	0	0						
		0	0	0	0	0	0						
HAP	s Monthly Total	0	0	0	0	0	0						

2015 CMRR-RLUOB HAPS 12-Month Rolling Total (lbs)

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	0	0	0	0	0	0						
7647-01-0	Hydrochloric Acid	10.48	10.48	10.48	10.48	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						
		0	0	0	0	0	0						
		0	0	0	0	0	0						
		0	0	0	0	0	0						
		0	0	0	0	0	0						·
		0	0	0	0	0	0						·
TAPs 12	Month Rolling Total	10.48	10.48	10.48	10.48	0	0						

ATTACHMENT A907.B.b.

Chemical Usage

CMRR-CHEM Chemical Quantity Total

2015 CMRR-RLUOB TAPs Monthly Emission Rates (lb)

	January	February	March	April	May	June	July	August	September	October	November	December
Total TAPs	0	0	0	0	0	0						
TAPs 12 Month Rolling Total	19.47	19.47	19.47	19.47	10.59	10.59						

2015 CMRR-RLUOB VOC Monthly Emission Rates (lb)

	January	February	March	April	May	June	July	August	September	October	November	December
Total VOC	0	0	0	0	0	0						
VOC 12 Month Rolling Total	0.82	0.82	0.82	0.82	0.82	0						

ATTACHMENT A1007.A.a.

Degreaser

Degreaser Solvent Usage

(From Tracking Database)

Degreaser Solvent Usage March – June, 2015

Emission Unit	TA/Building	Type of Degreaser	Solvent
TA-55-DG-1	TA-55	Cold Batch	Trichloroethylene

Date Measured	Initial Solvent Level (inches)	Volume Added (liters)	Level Added (inches)	Volume Removed (liters)	Level Removed (Inches)
Mar-31-2015	5.00	0.00	0.00	0.00	0.00
Apr-28-2015	5.00	0.00	0.00	0.00	0.00
May-28-2015	5.00	0.00	0.00	0.00	0.00
Jun-25-2015	4.50	0.00	0.00	0.00	0.00

ATTACHMENT A1007.A.b.

Degreaser

Sample Work Practice Checklist

MONTHLY WORK PRACTICE CHECK LIST TA-55-DG-1 DEGREASER

R 04/20/2015

Date of Action:	Location (TA/BLD		e :) TA-55-PF4-319
Monitoring Requirements(A1007.A ¹):		Yes/No	Comments
1. Does the operator monitor and record the amoun added to the degreaser?	t of solvent		
Recordkeeping Requirements (A1007.A ¹)		Yes/No	Comments
Are the actual emissions rate (pounds/month) of HAPS based on the quantity of solvent lost to e calculated on a monthly basis?	vaporation	Yes	Emissions are calculated using the Degreaser Compliance Database by air quality compliance personnel.
2. Are the semi-annual emissions rate (tons/year) care for this source category and added to the facility emissions rates in Table 106.B (Facility-wide A Emissions)?	y-wide	Yes	Emissions are calculated using the Degreaser Compliance Database by air quality compliance personnel.
Does the operator maintain records of the degree content?			
4. Does the operator maintain work practice checkl5. Does the operator maintain records in accordance Section B109, General Recordkeeping Requires	e with		
Operational Requirements (A1007.A ¹)		Yes/No	Comments
1. Does the operator ensure the degreaser is closed fitting cover whenever not in use?	with a tight		
2. Does the operator maintain a freeboard ratio of 0. greater?	75 or		Glove box is included in freeboard ratio determination.
3. Does the operator ensure that all collected and sto solvent and wipe rags are placed in closed container			
4. Does the operator ensure that flushing is perform within the freeboard area only?	ed only		All rinsing is performed within the freeboard area.
5. Does the operator allow cleaned parts to drip for or until dripping stops (whichever is longer)?	15 seconds		
6. Does the operator ensure that the solvent level do exceed the fill line on the solvent level?	es not		
7. Does the operator ensure that all spills are wiped immediately?	up		

MONTHLY WORK PRACTICE CHECK LIST TA-55-DG-1 DEGREASER

				R 04/20/2015
Operational Requirements (A1007.A¹)	continued	Yes/No	C	Comments
9. Does the operator ensure that the degrease drafts greater than 40 meters per minute (132)			system design between 5 acfn	flow rates based on descriptions average n (normal operating) up kimum for a single glove
10. Does the operator ensure that no sponges paper products are cleaned in the degreaser?	s, fabric, wood or			
Notification Requirements: If any of the Compliance Personnel at 665-1338.	boxes were check	ed with "N	No", please co	ontact Air Quality
Comments:				
Form completed by:				
Signature Name	(print)		Z number	Date

The permit section or condition noted at the end of each requirement is from the following reference:

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.

¹ Title V Operating Permit No: P100-R2

ATTACHMENT A1104.A.

Internal Combustion

TA-33-G-1-P Daily Operating Logs

Diesel Fired Generator Operation Log

Unit D (Mant/Scria/Unit No)	Diesel Fired Generator Operation Log	enerator O	peration Log					1	333	A_1
Date / Time Reading at Start Run Time Reason* Cumulative Run Time 03/24/G000 Start End 0.54. Augustr Prid 0.54. 07/24/G000 G72.0 0.54. Augustr Prid 0.54. 07/24/G000 G78.0 1.0 hr 6.24. Augustr Prid 07/24/G000 G78.0 1.0 hr 6.24. Augustr Prid 07/24/G000 G78.0 1.0 hr 6.24. Augustr Augustr	Unit ID (Manf/Seriដ	il/Unit No):	GDEOOI/VT	75 17 S	v			90	arating L	9
03/24/6000 676.5 6720 6.54 avarage production of the control of th	Nar	g.	Date / Time	Hour Meter Reading at Start	Hour Meter Reading at End	Run Time	_	Reason*	Cumulative Run Time Maintenance Repairs Testing**	Call
SALCH CHEZ 07/24/67335 677.0 (078.0 1-0/n) 6040. 011	Paul Saver	renes ware	03/24/0000	6765	677.0	8-540	anaron	hud	0.5 40	
	1	CHCHEZ	10	6770	(078.0)	1.0hr	6mo.	Div.	no no 1 Cho	
	8	1:								
			F:				Ē.			
										21
										٠
			. y				n		i Aj	
			-							

Reason for Operation: Emergency use, maintenance, repairs, testing, etc.

LANL PIOO-R2

^{**} Cumulative run time must be tracked separately for maintenance/repairs/testing and Emergency Use

ATTACHMENT A1104.B.

Internal Combustion

Permitted Generator Hours

	YEAR	2015		Per	mitted Ger	nerators	i			Fir	st Half			econd Ha	alf	
Permit ID	Location	ID#	Engine Make	Engine Model	Engine Serial #	gen kWe	engine kWm		eading f previous year	6 Month Reading Date	Reading	Hours Run	Reading Date	Reading	Hours Run	* Total Run Hours
TA-33-G-1	33-290	G-0012	Kohler	1600ROZD	375801	1500		Dec-14	355.0	Jun-15	355.0	0.0	Dec-15		0.0	0.0
TA-33-G-1P	33-Port	G-0053	Cummins	QST30-G5	37199764	1000		Dec-14	675.5	Jun-15	677.0	1.5	Dec-15		0.0	1.5
TA-33-G-2	33-209	G-0008	Kohler/Yanm ar	4TNE84T	52993	20		Dec-14	440.3	Jun-15	465.0	24.7	Dec-15		0.0	24.7
TA-33-G-3	33-280	G-0010	Kohler/Yanm ar	4TNE84T	52992	20		Dec-14	230.3	Jun-15	230.4	0.1	Dec-15		0.0	0.1
TA-33-G-4	33-151	G-0007	Caterpillar	3306	8JJ00615	225		Dec-14	3453.0	Jun-15	3591.0	138.0	Dec-15		0.0	138.0
RLUOB-GEN-1	55-440	G-0058	Cummins	KTA50G9	25314401	1500	1656.1	Dec-14	170.3	Jun-15	183.2	12.9	Dec-15		0.0	12.9
RLUOB-GEN-2	55-440	G-0059	Cummins	KTA50G9	25314399	1500	1656.1	Dec-14	116.4	Jun-15	120.8	4.4	Dec-15		0.0	4.4
RLUOB-GEN-3	55-440	G-0060	Cummins	KTA50G9	33165566	1500	1656.1	Dec-14	110.0	Jun-15	122.0	12.0	Dec-15		0.0	12.0
TA-48-GEN-1	TA-48-1	G-00XX	Cummins	QSB7-G3 NR3	73176927	150	186	Dec-14		Jun-15		0.0	Dec-15		0.0	0.0
TA-55-GEN-1	TA-55-PF10	G-0065	Isuzu	BZ-4LE2T	4LE2-298868	30	40.2	Dec-14	12.8	Jun-15	12.8	0.0	Dec-15		0.0	0.0
TA-55-GEN-2	TA-55-PF11	G-0066	Isuzu	BZ-4LE2T	4LE2-299432	30	40.2	Dec-14	12.7	Jun-15	12.7	0.0	Dec-15		0.0	0.0
TA-55-GEN-3	TA-55-371	G-0064	Caterpillar	C32	SYCO5263	900	1335	Dec-14	47.4	Jun-15	57.7	10.3	Dec-15		0.0	10.3

^{*} 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 hr/yr TA-48-GEN-1 has not been installed as of June 2015

ATTACHMENT A1106.A.

Internal Combustion

Method 9 Opacity Reports



Attachment A1106 – Internal Combustion 20.2.61 NMAC Opacity Logs

Opacity measurements were not conducted during this monitoring period.

ATTACHMENT A1207.A.

Data Disintegrator

Operating Logs

Data Disintegrator Operating Logs January – June, 2015

2015 TA-52 Data Disintegrator (EQPT 89)

	Data Entry		Data Entry
Month	Boxes ^(c) Shredded	Month	Boxes ^(c) Shredded
January	185	July	
February	138	August	
March	137	September	
April	105	October	
May	108	November	
June	123	December	
6 mo. Total:	796	6 mo. Total:	0

Annual Boxes: 796

ATTACHMENT A1207.B.

Data Disintegrator

Maintenance Performed

Data Disintegrator at TA-52-0011 Regular Maintenance and Repair January - June 2015

				January - June 2015			
TA/BLDG	TA/BLDG Work Order	Task	Job Type	Task Title	Task Status	Actual Start Date	Completion Date
52/0011	00514564	1	PM	520011 6M CYCLONE SEPARATOR/ SHAKER LUBE	COMPLETE 5/29/2015	5/29/2015	5/29/2015

A1207.B Data Disintegrator - Maintenance Performed

Facility: F07 Unit: 520011 Proj:

Task Title: 520011 6M CYCLONE SEPERATOR/ SHAKER

LUBE/INSP.

W/O Type: PM W/O Group: 3PM MOD

Planner: 166793 WROBBEL J M W/O Title: 520011 6M CYCLONE SEPERATOR/ SHAKER LUBE

Written To: CYCLONE SHAKER (SEPERATOR PARTICULATE)
Task Dspln: M Due Date: 05/31/2015





Work Order Task

00514564 01

DUPLICATE

Date: 06/05/2015

Page: 1

Hazard: LOW

IWD Regmt: N/A LOW HZRD

Work Order Task Written To

Facility: F07 Unit: 520011 Op Sys: BLDG

Room : BLDG Area : Sys/Cls: R ML4

Task Priority: 4

Equipment: UNIT SPP Component:

Location :

Job Type : PM

Tag 1: Tag 2:

Work Item: Ops Review Reqd: N

Authorization

Start Permission	:		Start Date:	
Complete Notice	:		Complete Date:	

NOTE:

* 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 Task Instructions

M/L:4

TEXT DESCRIPTION

Install Lock-Out/Tag Out to the local disconnect at the Cyclone Unit Requires 3 lockout/tag out cdd-6, 7 & 8

.Verify Zero energy to the unit.

Lubricate and inspect the chains on the rotary air lock valve and shaker.

- .Lubrication of Rotor Bearings: Using an EP type grease quality grade 2
- .grease the existing fittings located on the lubrication manifolds mounted on the pillow blocks.
- .Lubricating Motor Bearings: Remove the drain plug and then inject new
- .grease at the fill hole. Replace the drain plug. Recommended grease
- .should be Polyrea based bearing lubricant.
- .Lubricate, inspect and repair the gear box and chain bearings in gear box.
- .Verify proper operation oil level and add as needed.
- .Change the Air lock valve gear box oil following every $% \left(x\right) =\left(x\right) +\left(

Facility: F07 Unit: 520011 Proj: Task Title: 520011 6M CYCLONE SEPERATOR/ SHAKER LUBE/INSP. W/O Type: PM W/O Group: 3PM MOD Task Priority: 4 Planner: 166793 WROBBEL JM W/O Title: 520011 6M CYCLONE SEPERATOR/ SHAKER LUBE Written To: CYCLONE SHAKER (SEPERATOR PARTICULATE) Task Dspln: M Due Date: 05/31/2015 Work Order Task 00514564 01 DUPLICATE Date: 06/05/2015 Hazard: LOW IWD Reqmt: N/A LOW HZRD Page: 2 5000 hours of operation. .Check and lubricate all bearings associated with the Cyclone-.Shaker unit as required. ., Complete any lubrication, adjustments or replacement of any components .associated with the conveyor unit, To include bearings, belts, rollers and .all other associated components .Complete lubrication of the shaker flange bearings following a 3 year recomm schedule. Complete any maintenance, as needed, on all motors per manufacturers recommen Remove the Lock OUt from the local disconnect. POC: Melissa Metcalf NOTE: ASSIGNED CRAFTS SHALL FOLLOW ALL APPLICABLE STATE, FEDERAL AND LANL CODES AND STANDARDS. INTO SECURITY AREAS. ORIGINATOR: TELEPHONE#: CONFIGURATION MANAGEMENT REVIEW REQUIRED] [] YES [X] NO CHECK CRAFTS REQUIRED: [] CUSTODIAL [] ELECTRICIANS [] LABORERS [] TEAMSTERS [] OPERATING ENGINEERS [] PAINTERS [] CEMENT MASONS [] CARPENTED [] ROOFERS [] IRON WORKERS [] INSULATOR [] CARPENTERS [] IRON WORKERS
[] MECHANICS [] INSULATORS [] SHEETMETAL [] MECHANICS [] ENGINEERING [] OTHER (SPECIFY) : AUTHORIZED FUNDING LEVEL: FUNDING APPROVED BY: () N/A

Z# DATE:

LOG-IN REQUIRED: [X] YES [] NO LOG-OUT REQUIRED: [X] YES [] NO

LOCATION OF LOG-IN: TA-3-142

Weekly Schedule or Plan of the Day

CHECK-IN REQUIRED: [X] YES [] NO CHECK-OUT REQUIRED: [X] YES [] NO

LOCATION OF CHECK-IN/CHECK-OUT:

PLANT ENGINEERING REVIEW:

Facility: F07 Unit: 520011 Proj: Task Title: 520011 6M CYCLONE SEPERATOR/ SHAKER LUBE/INSP. W/O Type: PM W/O Group: 3PM MOD Task Priority: 4 NATIONAL LABORATORY Planner: 166793 WROBBEL J M W/O Title: 520011 6M CYCLONE SEPERATOR/ SHAKER LUBE Written To: CYCLONE SHAKER (SEPERATOR PARTICULATE) Task Dspln: M Due Date: 05/31/2015 Work Order Task 00514564 01 DUPLICATE Date: 06/05/2015 Hazard: LOW IWD Reqmt: N/A LOW HZRD 3 Page: PE REVIEW REQUIRED [] YES [X] NO PE INSPECTION APPROVAL [] YES [X] NO All debris/trash created by this work will be removed prior to completion of job or work day. QC Requirements/Comments 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 Crew: Date: Hours: Shift: Comments: Rework/Approval Deficiency Tag No.: Loc: Tag Removed: ReWork Job Comments: Trouble Found/Work Performed Continued on Additional Sheets? : _

Facility: F07 Unit: 520011 Proj: Task Title: 520011 6M CYCLONE SEPERATOR/ SHAKER LUBE/INSP. W/O Type: PM W/O Group: 3PM MOD Task Priority: 4 NATIONAL LARGRATORY Planner: 166793 WROBBEL J M - 431,1443 -W/O Title: 520011 6M CYCLONE SEPERATOR/ SHAKER LUBE Written To: CYCLONE SHAKER (SEPERATOR PARTICULATE) Work Order Task Task Dspln: M Due Date: 05/31/2015 00514564 01 DUPLICATE 06/05/2015 Date: Hazard: LOW IWD Regmt: N/A LOW HZRD Page: 4 Work Delay Reason (Y/N) ACCESS Date: Hours: Crew: Shift: EQPT EQUIPMENT Date: Hours: Crew: Shift: MISC MISCELLANEOUS Date: Hours: Crew: Shift: OPS OPERATIONS Date: Hours: Crew: Shift: POOR PLANNING Hours: Crew: Date: Shift: SAFETY Date: Hours: Crew: Shift: SCH SCHEDULING Date: Hours: Crew: Shift: TRAVEL Date: Hours: Crew: Shift: WEATHER Date: Hours: Crew: Shift: Comments: Major Failure/Action Taken Major Failure Action Taken : Deficiency Tag Loc: Removed (Y/N): Deficiency Tag No .: Limited Cond Operation: Work Completion Signatures Function/Dept. Name Date Comments: (rework?) **** END OF REPORT

Facility: F07 Unit: 520011 Proj:

Task Title: 520011 6M CYCLONE SEPERATOR/ SHAKER

LUBE/INSP.

W/O Type: PM W/O Group: 3PM MOD Task Priority: 4

Planner: 166793 WROBBEL J M

W/O Title: 520011 6M CYCLONE SEPERATOR/ SHAKER LUBE Written To: CYCLONE SHAKER (SEPERATOR PARTICULATE)

Task Dspln: M

Due Date: 05/31/2015



Hazard: LOW IWD Reqmt: N/A LOW HZRD Work Order Task

NATIONAL LABORATORY

- 437-104E ---

00514564 01

DUPLICATE

Date: 06/05/2015

Page:

5

Cost Center: 8S010A Percentage: 100.000

Activity: 640CL000

Acct No: WL2300

User Def:

00000000

ATTACHMENT A1307.A.

TA-03 Power Plant

Emission Rate Calculations

Monthly Emission Calculation (Natural Gas) 2015

Average Hourly Emissions Rates (pph) for each Emission Unit (Meets condition A1307.A, monitoring condition 1, of Title V Permit P100-R1-M3 and P100-R2)

NOX Dan. Feb. Mar Apr May Jun Jul Aug Sep SOX 0.00					\supset	nit TA-	3-22-1	(Boiler	1) pph					Allowable
0.00 0.00 0.03 0.00 0.02 0.02 0.02 0.00 0.00		Jan.	Feb.	Mar		May	Jun	Jul	Aug		Oct	Nov	Dec	Emissions ^(a)
0.00 0.00 0.03 0.00 0.02 0.02 0.02 0.00 0.00	×	00.00	0.00	2.80	0.00	2.01	1.54							10.2
0.00 0.00 0.37 0.00 0.26 0.20 0.00 0.00 0.00 0.00 0.00 0.00 0.	×	0.00	00:00	0.03	00.00	0.02	0.02							1-1-1
0.00 0.00 0.37 0.00 0.26 0.20 0.00 0.00 0.00 0.00 0.00		0.00	00.00	0.37	0.00	0.26	0.20							1.3
0.00 0.00 0.37 0.00 0.26 0.20	-10	0.00	0.00	0.37	0.00	0.26	0.20							1.3
0.00 0.00 1.93 0.00 1.39 1.06 0.00 0.00 0.27 0.00 0.19 0.15 Unit TA-3-22-2 (Boiler 2) pph Jan. Feb. Mar Apr May Jun Jul Aug 0.53 0.48 0.44 0.00 0.00 0.20 0.53 0.48 0.44 0.00 0.00 0.20 0.53 0.48 0.44 0.00 0.00 0.20 0.53 0.48 0.44 0.00 0.00 0.00 0.53 0.48 0.44 0.00 0.00 0.00 0.53 0.48 0.44 0.00 0.00 0.00 0.53 0.48 0.44 0.00 0.00 0.00 0.53 0.48 0.44 0.00 0.00 0.014 Dan. Feb. Mar Apr May Jun Jul Aug 3.01 4.20 2.59 2.48 2.26 0.00 0.03 0.04 0.03 0.03 0.00 0.03 0.55 0.34 0.32 0.30 0.00 0.03 0.55 0.34 0.32 0.30 0.00 0.03 0.55 0.34 0.32 0.30 0.00 0.03 0.55 0.34 0.32 0.30 0.00 0.03 0.55 0.34 0.32 0.30 0.00 0.39 0.55 0.34 0.32 0.30 0.00 0.39 0.55 0.34 0.32 0.30 0.00 0.39 0.55 0.34 0.32 0.30 0.00	-2.5	0.00	00.00	0.37	00.0	0.26	0.20							1.3
Unit TA-3-22-2 (Boiler 2) pph Jan. Feb. Mar Apr May Jun Jul Aug 4.07 3.64 3.32 0.00 0.00 0.02 0.04 0.04 0.03 0.00 0.00 0.20 0.53 0.48 0.44 0.00 0.00 0.20 0.53 0.48 0.44 0.00 0.00 0.20 0.53 0.48 0.44 0.00 0.00 0.20 1.50 0.51 2.29 0.00 0.00 0.14 Jan. Feb. Mar Apr May Jun Jul Aug 3.01 4.20 2.59 2.48 2.26 0.00 0.03 0.04 0.03 0.03 0.00 0.03 0.05 0.04 0.03 0.00 0.09 0.55 0.34 0.32 0.30 0.00 0.09 0.55 0.34 0.32 0.30 0.00 0.09 0.55 0.34 0.32 0.30 0.00 0.09 0.55 0.34 0.32 0.30 0.00 0.09 0.55 0.34 0.32 0.30 0.00		0.00	00.0	1.93	00.0	1.39	1.06							7.0
Unit TA-3-22-2 (Boiler 2) pph Jan. Feb. Mar Apr May Jun Jul Aug 6.53 0.48 0.44 0.00 0.00 0.20 7.80 2.51 2.29 0.00 0.00 0.20 7.80 2.51 2.29 0.00 0.00 0.14 7.80 2.51 2.29 0.00 0.00 0.14 8.01 4.20 2.59 2.48 2.26 0.00 8.03 0.04 0.03 0.03 0.03 0.00 9.03 0.05 0.04 0.03 0.03 0.00 9.03 0.05 0.04 0.03 0.03 0.00 9.03 0.05 0.04 0.03 0.03 0.00 9.03 0.05 0.04 0.03 0.03 0.00 9.03 0.05 0.04 0.03 0.03 0.00 9.03 0.05 0.04 0.03 0.03 0.00 9.05 0.05 0.04 0.03 0.00 9.05 0.05 0.04 0.03 0.00 9.05 0.05 0.05 0.00 9.05 0.05 0.00 9.05 0.00 0.00 9.05 0.00 0.00 9.00 0.00 0	ပ	0.00	00.0	0.27	0.00	0.19	0.15							1.0
Jan. Feb. Mar Apr May Jun Jul Aug 4.07 3.64 3.32 0.00 0.00 1.50 1.60 <th></th> <th></th> <th></th> <th></th> <th>))</th> <th>nit TA-</th> <th>3-22-2</th> <th>(Boiler</th> <th>2) pph</th> <th></th> <th></th> <th></th> <th></th> <th>Allowable</th>))	nit TA-	3-22-2	(Boiler	2) pph					Allowable
4.07 3.64 3.32 0.00 0.00 1.50		Jan.	Feb.	Mar		May	Jun	, Ju ,	Aug		Oct	Nov	Dec	Emissions ^(a)
0.04 0.04 0.03 0.00 0.00 0.02 0.05 0.48 0.48 0.44 0.00 0.00 0.20 0.20 0.53 0.48 0.44 0.00 0.00 0.20 0.20 0.53 0.48 0.44 0.00 0.00 0.00 0.20 0.20 0.39 0.34 0.32 0.00 0.00 0.14 0.103 0.03 0.03 0.03 0.04 0.03 0.03 0.05 0.00 0.00 0.00 0.00 0.00	×	4.07	3.64	3.32	00.0	0.00	1.50							10.2
0.53	X	0.04	0.04	0.03	00.0	0.00	0.02							1.1
0.53 0.48 0.44 0.00 0.00 0.20 0.20 0.53 0.48 0.44 0.00 0.00 0.00 0.20 0.20 0.39 0.34 0.32 0.00 0.00 0.14 0.00 0.00 0.14 0.32 0.00 0.00 0.14 0.32 0.00 0.00 0.14 0.32 0.00 0.00 0.14 0.32 0.03 0.03 0.03 0.03 0.03 0.03 0.03		0.53	0.48	0.44	00.0	00.0	0.20							1.3
0.53 0.48 0.44 0.00 0.00 0.20	-10	0.53	0.48	0.44	00.0	0.00	0.20							1.3
2.80 2.51 2.29 0.00 0.00 1.03 Paris	-2.5	0.53	0.48	0.44	00.0	0.00	0.20							1.3
0.39 0.34 0.32 0.00 0.14		2.80	2.51	2.29	00.00	00.0	1.03							7.0
Jan. Feb. Mar Apr May Jun Jul Aug Aug 3.01 4.20 2.59 2.48 2.26 0.00 80 0.03 0.03 0.03 0.03 0.00 80 0.39 0.55 0.34 0.32 0.30 0.00 80 0.39 0.55 0.34 0.32 0.30 0.00 80 0.39 0.55 0.34 0.32 0.30 0.00 80 0.39 0.55 0.34 0.32 0.30 0.00 80 0.39 0.55 0.34 0.32 0.30 0.00 80 0.30 0.30 0.30 0.30 0.30 0	ပ	0.39	0.34	0.32	00.00	0.00	0.14							1.0
Jan. Feb. Mar Apr May Jul Aug 3.01 4.20 2.59 2.48 2.26 0.00 4ug 0.03 0.04 0.03 0.03 0.02 0.00 1 0.39 0.55 0.34 0.32 0.30 0.00 1 0.39 0.55 0.34 0.32 0.30 0.00 1 2.08 2.90 1.71 1.56 0.00 1					ח	nit TA-	3-22-3	(Boiler	3) pph			b.		Allowable
3.01 4.20 2.59 2.48 2.26 0.03 0.04 0.03 0.03 0.02 0.39 0.55 0.34 0.32 0.30 0.39 0.55 0.34 0.32 0.30 2.08 2.90 1.78 1.71 1.56		Jan.	Feb.	Mar		May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Emissions ^(a)
0.03 0.04 0.03 0.03 0.02 0.39 0.55 0.34 0.32 0.30 0.39 0.55 0.34 0.32 0.30 0.39 0.55 0.34 0.32 0.30 2.08 2.90 1.78 1.71 1.56	×	3.01	4.20	2.59	2.48	2.26	00:0							10.2
0.39 0.55 0.34 0.32 0.30 0.39 0.55 0.34 0.32 0.30 0.39 0.55 0.34 0.32 0.30 2.08 2.90 1.78 1.71 1.56	×	0.03	0.04	0.03	0.03	0.02	00.0							1.1
0.39 0.55 0.34 0.32 0.30 0.39 0.55 0.34 0.32 0.30 2.08 2.90 1.78 1.71 1.56		0.39	0.55	0.34	0.32	0.30	0.00							1.3
0.39 0.55 0.34 0.32 0.30 2.08 2.90 1.78 1.71 1.56	-10	0.39	0.55	0.34	0.32	0.30	0.00							1.3
2.08 2.90 1.78 1.71 1.56	-2.5	0.39	0.55	0.34	0.32	0:30	00:00							1.3
1000 1000 1000		2.08	2.90	1.78	1.71	1.56	0.00							7.0
0.29 0.40 0.25 0.23 0.21	S	0.29	0.40	0.25	0.23	0.21	0.00							1.0

(a) Allowable Emissions are from table A1302A of permit P100-R1-M3 and Permit P100-R2

Monthly Emission Calculation (Fuel Oil) 2015
Average Hourly Emissions Rates (pph) for each Emission Unit
(Meets condition A1307.A, monitoring condition 1, of Title V Permit P100-R1-M3 and P100-R2)

Allowable

NOx Jan. Feb. Mar NOx 0.00 0.00 0.00 PM 0.00 0.00 0.00 PM-10 0.00 0.00 0.00 CO 0.00 0.00 0.00 VOC Jan. Feb. Mar NOX 0.00 0.00 0.00 PM-10 0.00 0.00 0.00			May Jun Jul Aug 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	Boiler 2)	des	o ct	NON NON NON NON NON NON NON NON NON NON	Dec Dec	Oil 11.3 9.6 4.3 3.0 2.0 6.5 0.3 Allowable Oil 11.3 9.6 9.6 9.6 9.6 9.6 9.6 9.6
0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0			0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	Boiler 2)	des	Oct		 	11.3 9.6 4.3 3.0 2.0 6.5 0.3 Allowable Cmissions ^(a) Oil
0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0			0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	Boiler 2)	des	Oct	H		9.6 4.3 3.0 2.0 6.5 0.3 Allowable Cmissions ^(a) Oil 11.3
0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0			0.00 0.00 0.00 0.00 0.00 Jun Jun 0.00 0.00	Boiler 2)	Sep	Oct	HHH		4.3 3.0 2.0 6.5 0.3 Allowable Cmissions ^(a) Oil 11.3
0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0			0.00 0.00 0.00 0.00 1.00 0.00 0.00	Boiler 2)	Sep	Ogt			3.0 2.0 6.5 0.3 Allowable Cill Oil
0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0			0.00 0.00 0.00 0.00 Jun Jul 0.00 0.00	Boiler 2)	des	Oct	+++1		2.0 6.5 0.3 Allowable Emissions ^(a) Oil 11.3
0.00 0.00 0.00			0.00 0.00 100 0.00 0.00 0.00	Boiler 2)	des	Oct	H		6.5 0.3 Allowable Emissions ^(a) Oil 11.3
Jan. Feb. M 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0 0000		0.00 A-3-22-2 (I Jun Jun 0.00 0.00	Boiler 2)	Sep	Oct	H		Allowable Emissions ^(a) Oil 11.3
Jan. Feb. N 0.00 0.00 0.00 0.00 0.00 0.00	0000		A-3-22-2 (I Jun Jul 0.00	Soiler 2)	deS	Oct		1	Allowable Emissions ^(a) Oil 11.3
Jan. Feb. M 0.00 0.00 0.00 0.00 0.00 0.00	9999		14-3-22-2 (V Jun Jul 0.00 0.00 0.00 0.00	Boiler 2)	Sep	Oct			Emissions ^(a) Oil 11.3
Jan. Feb. N 0.00 0.00 0.00 0.00 0.00 0.00	0000		00.0 00.0 00.0	Aug	Sep	Oct	\vdash	1	0il 11.3 9.6
00.0 00			00.00						11.3 9.6
00.00 0			0.00						9.6
00.0 00.0			00.00						
0000 0000									4.3
	0.00	00.00	00.0						3.0
0.00 0.00	0.00 0.00		0.00						2.0
0.00		00.00	0.00						6.5
00.0 0.00	0.00 0.00	00:00	0.00						0.3
									Allowable
		Unit T/	Unit TA-3-22-3 (Boiler 3)	3oiler 3)				ш	Emissions ^(a)
Jan. Feb. Mar	Mar Apr	May	Jun Jul	Ang	Sep	Oct	Nov	Dec	liO
NOX 0.00 0.00 0.00 0.00	0.00 00.00	00:00	00.0						11.3
00.0 0.00			00.0						9.6
PM 0.00 0.00 0.00	0.00 0.00	00:00	00.0						4.3
00.0 0.00	0.00 0.00	00:00	00.0						3.0
0.00 0.00 0.00	0.00 0.00	00.00	00.0						2.0
00.0 0.00			0.00						6.5
VOC 0.00 0.00 0.00	0.00 0.00	0.00	0.00						0.3

12 Month Rolling Emissions 2015 (Tons)
All Three Boilers Combined

in the state of th	100	01110	Š	5	,	S
Dintailt	4	OLMIT	YON	3	200	302
Permit Limit (tons/yr)	8.4	8.2	60.2	41.3	5.6	6.7
12-Month Rolling Total						
January	1.430	1.430	10.912	7.525	1.035	0.113
February	1.422	1.422	10.849	7.482	1.029	0.112
March	1.408	1.408	10.745	7.410	1.019	0.111
April	1.393	1.393	10.630	7.331	1.008	0.110
May	1.400	1.400	10.682	7.367	1.013	0.111
June	1.415	1.415	10.800	7.448	1.024	0.112
July						
August						
September						
October						
November						
December						
Meets permit condition A1307 A Monitoring Condition 2	1307 A M	Onitoring	Condition	١		

Meets permit condition A1307.A, Monitoring Condition 2.

Monthly Emission Totals (Tons)

	(cinc) characteristics (cinc)		110	(511)		
Pollutant	TSP	PM10	NOx	00	VOC	SO ₂
January	0.198	0.198	1.512	1.043	0.143	0.016
February	0.160	0.160	1.224	0.844	0.116	0.013
March	0.150	0.150	1.143	0.788	0.108	0.012
April	0.117	0.117	0.892	0.615	0.085	0.00
May	0.103	0.103	0.789	0.544	0.075	0.008
June	0.072	0.072	0.549	0.379	0.052	900.0
Viniy						
August						
September						
October						
November						
December						
Annual Totals	0.800	0.800	6.109	4.213	0.579	0.063

ATTACHMENT A1307.B.

TA-03 Power Plant

Boiler Fuel Use and Hours of Operation

TA-3 Power Plant Fuel Use Totals 2015 (Data Entry)

	TA-3-22 P	A-3-22 Power Plant ^b	TA-3-22 Pc	TA-3-22 Power Plant ^b	TA-3-22 Po	TA-3-22 Power Plant ^b		
	Boiler # 1 (E Works, 210	oiler # 1 (Edgemoor Iron Works, 210 mmBtu/hr)	Boiler # 2 (Ed Works, 210	Boiler # 2 (Edgemoor Iron Works, 210 mmBtu/hr)	Boiler # 3 (Union Iron Works, 210 mmBtu/hr)	# 3 (Union Iron Works, 210 mmBtu/hr)	Monthly Totals	Totals
Month	(mscf) ^a	ruei Oii (gallons) ^a	matural Gas (mscf) ^a	ruel Oll (gallons) ^a	Natural Gas (mscf) ^a	Fuel Oil (gallons) ^a	Natural Gas (mmscf) ³	Fuel Oil (gallons) ^a
January	0	0	52,022	0	109	0	52.131	0
-ebruary	0	0	41,976	0	217	0	42.193	0
March	3,622	0	26,367	0	9,429	0	39.418	0
April	15	0	14	0	30,737	0	30.766	0
May	14,640	0	30	0	12,536	0	27.206	0
June	11,696	0	7,232	0	0	0	18.928	0
July								
August								
September								
October								
November								
December								

210.641 210.641 0.000

127,640 127,640

29,973 29,973

Annual Totals: Jan. - June July - Dec.

	12-Mo.	12-Mo.				Hours of	Hours of	Hours of	Hours of Hours of *12-Month
	Rolling Total	Rolling Total	Hours of	Hours of	Hours of	Operation	Operation	Operation	Operation Rolling Total
	- Natural Gas	Fuel Oil	Operation Nat	Operation Nat Operation Nat Operation Nat	Operation Nat	Fuel Oil	Fuel Oil	Fuel Oil	Hours
Month	(mmscf)	(gallons)	Gas Boiler 1	Gas Boiler 1 Gas Boiler 2	Gas Boiler 3	Boiler 1	Boiler 2	Boiler 3	(All Boilers)
January	376.3	0	0.0	742.1	2.1	0.0	0.0	0.0	9503.0
February	374.1	0	0.0	9.699	3.0	0.0	0.0	0.0	10175.6
March	370.5	0	74.9	460.1	211.4	0.0	0.0	0.0	10177.5
April	366.5	0	0.0	0.0	719.9	0.0	0.0	0.0	10224.7
May	368.3	0	422.6	0.0	321.2	0.0	0.0	0.0	10223.1
June	372.4	0	440.4	279.9	0.0	0.0	0.0	0.0	10222.6
July									
August									
September									
October									
November									
December									
Permit I imite.	1000 MMccf	500 000 005							

Permit Limits: 1000 MMscf 500,000 gal The requirement to calculate a 12 month rolling total of hours became effective on June 15, 2012.

Data Reviewed By:

12 Month Rolling Fuel Totals For Each TA-3 Power Plant Boiler - 2015

	Boiler 1		Boiler 2		Boiler 3	
	Natural Gas	Fuel Oil	Natural Gas	Fuel Oil	Natural Gas	Fuel Oil
	(mmscf)	(gal.)	(mmscf)	(dal.)	(mmscf)	(aal.)
Month				9		(16)
January	40	0	280	0	56	0
February	1	0	318	0	56	0
March	4	0	302	0	65	0
April	4	0	291	0	72	0
May	19	0	280	0	69	0
June	31	0	272	0	69	0
July						
August						
September						
October						
November						
December						

ATTACHMENT A1307.C.

TA-03 Power Plant

Turbine Fuel Use and Hours of Operation

	_	Hours	9	Sas	L	_	_	_	_	_	_	_	_	_	_	_	_	_	_		_		_	_		_	_			_						_	_		_	_
ס		Hrs.	MMscf	Mscf	SUM	<u>.,</u>	30	67	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	∞	7	o	υ ₁	4	ω	2	_		Day		
Permit Limit (12 mo rolling): Total Annual Hours:	First H	141	41.3	41,302	4621	c	0	1049	0	0	0	0	0	1249	0	0	0	0	0	0	0	1295	0	0	0	0	0	0	1016	0	0	12	0	0	0	0	Use	Gas		
mit (1 otal /	alf Ga		3	22	18.7	0.0	0.0	4.2	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	Hrs]		
.imit (12 mo rolling): Total Annual Hours:	First Half Gas Use:	146	43.5	43,484	5415				0	0	1095	0	0	0	0	0	0	1074	0	0	0	0	0	0	1068	0	0	0	0	1099	0	1067	12	0	0	0	Use	Gas	,	_
olling): Hours:	15.56	91	5.5	484	21.75				0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	0.0	0.0	0.0	0.0	0.0	0.0	4.1	0.0	0.0	0.0	0.0	5.1	0.0	42	0.3	0.0	0.0	0.0	Hrs			CY201
1400 64		133	41.4	41,365	2102	c	0	c	0	0	1063	0	0	0	0	0	0	60	0	0	2	0	0	0	75	0	0	0	0	0	0	902	0	0	0	0	Use	War		5 Dail
00 MMscf 64 Hour	MMscf	ω	4	8	8.4	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	41	0.0	0.0	0.0	0.0	Hrs			Tur
4		133	41.4	41,406	3160		0	0	0	0	0	0	0	0	0	0	0	0	0	0	1013	23	0	0	0	0	0	1067	0	0	0	0	0	0	1057	0	Use	Gas		bine G
		w.	4	8	12.7		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	0.3	0.0	0.0	0.0	0.0	0.0	4.1	0.0	0.0	0.0	0 0	0.0	0.0	4.2	0.0	Hrs			as U
		115	37.8	37,8	136 (0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	108	0	0	0	13	0	0	15	0	0	0	0	0	0	Use	Gas		CY2015 Daily Turbine Gas Use (Mscf). 12 Month Rolling Total Gas Use.
	Se	Ů,	ω	†	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	Hrs			2
	Second Half Gas Use:	107	36.0	35,972	129		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47	0	0	0	82	0	0	0	0	0	5	0	0	0	0	Use	Jun		Nor
_	alf Ga	, iii	J	72	2.5		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0		00	0.0	0.0	0.0	Hrs			- - - - - - - - - - - - - - - - - - -
ligh Hea	s Use:		#VALUE																																		Use	July		olling
at Valu	0		ij																																		Hrs			Total
It Value (HHV) for	0.0		#VALUE!																	j																	Use	Aug		I Gas I
) for n	MMscf	10	Ē		Ц																																Hrs	ľ		SP
High Heat Value (HHV) for natural gas ^k =			#VALUE																																		Use	Sept		& Hou
 S _*	Annu		Ü		Ц																								1		1	_	1		H		Hrs	1		3
1020	Annual Gas Use:		#VALUE!																																		Use	Cas	,	Hours of Operation
MMB	Use:		.UEI																																		Hrs			ation
1020 MMBtu/MMscf	15	i ie	#VA																																		Use	Gas		
다	15.56		#VALUE!																								Ī			1							Hrs	Nov		
	MMscf		#VALUE!																																		Use	Gas	,	
			DEI																																		Hrs	Dec		

12 Mo. Rolling

Reviewed by/date:

ATTACHMENT A1307.D.

TA-03 Power Plant

Turbine Operating Logs

Inchimont Air Composeor						-				ŀ				ŀ		
		Onits	Low Norm	Horm	Max	1 2 3	4 5	6 7		10 11 1	12 13 14	15 16	17 18	19 20	21	22 23
NOTE Blowdown Dry Receiver Tank		hourly	3						7	7						
NOTE Blowdown Wet Receiver Tank	- 1	hourly							2	7						
Wet Reciever Air Pressure	PI-002	psig	90	105	120				104/10	301 711						
Instrument Temperature	TI-001	deg C		20	20				I U	18 13						
Fin Fan Cooler		Units	Low P	Norm	Max	T. C. C. C. C. C. C. C. C. C. C. C. C. C.		100	- The Co.		100					
Coolant Pressure	PI-250	psig		25		1 1 1	11	1 1	016/2/2/2/2/2/2/6/	1 0/6/3/20	1 1 1	11	1 1	1 1	1	1
Coolant PLC Temperature	TI-002	deg F	100	110	120				201 20							
Sight glass Level Expansion Tank	LI-001	LEVEL	1/3	2/3	FULL				1/10 1/10 1/1							
Coolant Return Differential from GG	FI-001	In WC		9	80				53 62							
Coolant Return Differential from	FI-002	In WC		37	20				35	35						
Control Room		Units	Low	Norm	Max											
Room Temperature		deg F		72	85				69 59	50) 69						
Combustible Gas Detector monitor		% LEL		%	20%				0 0	۵						
WECC Log		operational			Not operational				H	-						
Operation of the PSS/on at 6.3MW		Yes			S.				204 3ch 284 3ch	20/ 30/						
Operation of the AVR Voltage Mode @13.6 KV		Yes			2				205 CAS	45 485						
Time gas was first introduced into the Turking (Turking Politica)			200	575				To'L'S				4.1 hrs				
19 Turking on line (When RKR Closes)	775							17:53								
20 Turbine off line (When RKR Orens)								3								
Time of No Gas Flow	C02															
Entronic Control System		Unite	Low Norm	dorm	Max											
Air Diagram			3		VDE											-
2000 gal Oily Water Tank Level	LI-231	%			%0 <i>/</i>				157, 157, 158	157. 15%						-
Air Diagram Page 10 gal Gas TG Drain Tank		%			%02				20 20	20 %0						
Air Diagram Page/Record on hard S/D trip over 4500 rpm NL Compressor (on		psig	35	20												
line trip)	5T-01									+						+
Acknowledge Alarms hourly									7	7						-
Power Management Page Generator Current	A54A-01	Amps			1200				619 843	839 839						
Power Management Page Mw Output		Mw			21				2.6 73.2	19.7 199						
Power Management Page 80 % Base Min Load									417 12.4	21.4 213 210						
25 Running Hours/ Unit Overview Page									2447 2445 2446 2447	THE 2447						Н
26 Ambient Temperature	11								25 V8 30° 34	300 340						
27 Gas Fuel System/Waste Oil Lank	11-120	2			20%				563 542 542 5330	St.5 9.15						

When the differential pressure exceeds Max psid the filter should be changed out. Notify System Engineer 18 16 14 13 12 24 274 234 235 576 571 571 573 577 574 574 575 06 56 57 57 = 63 201 202 202 202 202 202 8 23 202 4 7. Ç 35 238 231 238 202 121 102 124 50, 70, 10% 10 70 70 9 ~ 50, 0 ٠J 00 689 9 m 110 150 226 297 258 283 0.35 Units Low Norm Max FULL 285 170 0.15 297 283 EMPTY ANY EMPTY ANY EMPTY ANY 8 8 m 0% 20% LEVEL 1/4 1/2 FULL 285 8 Max psid BLINK BLINK 575 LEVEL 1/2 FULL 238 267 575 150 88 226 258 A63FGDT 49-48=psid A63FTGST | 50-49=psid 10 8 OCe SC AAH-303 % FSL-1501B LIGHT agn P ağı LIGHT LIQID psig psig psig psig psig deg deg deg GAL deg deg IPS TE-2054 B UTILITIES AND INFRASTRUCTURE FSL-1501A TE-2054 A TE-2062 A TE-2062 B VT-1015 TE-1584 VT-1512 LC-1574 PI-2200 PI-2201 TE-2120 11-7416 PI-2100 PI-2101 PI-2108 PI-1572 43 1st Stage Cylinder Disch. Temperature B 44 2rd Stage Cylinder Disch. Temperature B 45 Motor Frame Vibration 41 1st Stage Cylinder Disch. Temperature A 42 2mStage Cylinder Disch. Temperature A 32 Packing Lube Oil Flow Indicator Right Side 48 Natural Gas Comp.Discharge Press. 49 Double Block and Bleed Pressure 21 GAS COMPRESSOR START TIME
24 Combustible Gas Detector
25 Packing Lube Oil Flow Indicator Left Side 47 Take Once per Shift / at Full Load 46 Compresser Frame Vibration 30 1st Stage Scrubber Liquid Level 31 2nd Stage Scrubber Liquid Level 50 Fuel Gas Supply Pressure 37 Final Discharge Pressure38 Lube Oil Pressure 5102.50-80 20 Natural Gas Compressor 26 Liquid Level Coalescing 27 Crankcase Bulls eye 28 Oil Day Tank Level 36 | 2nd Stage Disch. Press 40 Final Discharge Temp 34 Stage Disch. Press 35 2nd Stage Inlet Press 33 1st Stage Inlet Press. 29 Lubricator Bulls eye Lube Oil Temp **CGTG TURBINE** SIGNATURE DATE 39

2 2

20 19

Days Shift Mid Shift NOTES

Air Compressor Units Low Norm Max 1 2 3 4 5 6 down Upt Receiver Tank (BVT-013) hourly down Dry Receiver Tank (BVT-013) hourly of Air Pressure (BVT-013) hourly of Air Pressure 1002 1015 120 <th>CGTG TURBINE UTILITIES AN</th> <th>UTILITIES AND INFRASTRUCTURE</th> <th>rure</th> <th></th> <th></th> <th></th> <th></th> <th> 8</th> <th>CGTG GAS TURBINE</th> <th>STURI</th> <th>SINE BINE</th> <th>로</th> <th>Hour Beginnning</th> <th>innni</th> <th>g,</th> <th></th> <th>MS</th> <th>T/MI</th> <th>OT (ci</th> <th>MST/MDT (circle one</th> <th>(eu</th> <th></th> <th></th> <th></th> <th></th> <th>-</th> <th>22</th> <th></th>	CGTG TURBINE UTILITIES AN	UTILITIES AND INFRASTRUCTURE	rure					8	CGTG GAS TURBINE	STURI	SINE BINE	로	Hour Beginnning	innni	g,		MS	T/MI	OT (ci	MST/MDT (circle one	(eu					-	22	
Structure Stru	Air		Units	Low	Norm	Max	-		4	2	9		9	10			13	14	15	16	17	18			-	22 2	23	24
Family F		r Tank (BVT-01	13) hourly																							-		
Note		r Tank (BVT-00	7) hourly										- 4															
Name Name	Wet 8	PI-002	psig	96	105	120																				Н	Н	П
Part Cooler Passure		TI-001	deg C		20	20																					-	П
1.002 Delig Deli			Units	Low	Norm	Max																	ı					
1.00 1.00		PI-250	psig		22		_		1	1	1		_	_	_	-	-	_	1	-	-	_	_	_	_			J
Colorat Return Differential from GG FI-001 In WC 60 80		TI-002	deg F	100	110	120			_															1	1	+	1	П
Description Description			LEVEL	1/3	2/3	FULL																		1	7	1	1	П
olant Return Differential from F1-002 In WC		99	In WC		90	80																			1	+		П
Own Temperature Units Low Norm Max Norm mbustible Gas Detector monitor deg F 72 85 mbustible Gas Detector monitor % LEI 0% 20% ECC Log versional No 20% ECC Log version of the PSS/on at 6.3MW version of the PSS/on at 6.3MW No 3.6 KV version of the PSS/on at 6.3MW version of the PSS/on at 6.3MW No 13.6 KV version of the PSS/on at 6.3MW version of the PSS/on at 6.3MW No 13.6 KV version of the PSS/on at 6.3MW version of the PSS/on the Colleges C773.2 13.6 KV version of the PSS/on the Colleges C773.2 No 13.6 KV version of the VM barriage of the Colleges C773.2 No 10.6 Gas Flow LI-23.1 % 70% 10.6 Gold Oily Water Tank Level LI-23.1 % 70% 10.6 Gold Oily Water Tank Level LI-23.0 % 70% 10.6 Gold Oily Water Tank Level LI-23.1 % 70% 10.6 Gold Oily Water Management Page Asta-0.1	10 Coolant Return Differential fron		In WC		37	20							=												Ħ	-	7	
Com Temperature deg F 72 85	11 Control Room		Units	Low	Norm	Max			3 8					100									Ì			ł	ŀ	
## Comparison of the PSS/on at 6.3MW Second Control System	12 Room Temperature		deg F		72	82								_	4										1	+	+	T
ECC Log Operational Operational Operations Not operational Operations Not operational Not operations Seration of the PSS/on at 6.3MW Yes No Seration of the AVR Voltage Mode Yes No 13.6 KV Yes No 14.2.3.1 Xe Yes 15.2.2.1 Yes Yes 16. Experiment Page Yes Yes 16. Experiment Page Yes Yes 16. Experiment Page Yes Yes 17. Anning Hours/ Unit Overview Page Assee Min Load Yes 18. Base Min Load Yes Yes 18. Base Min Load Yes Yes 19. Assee Min Load Yes Yes	13 Combustible Gas Detector mon	itor	% LEL		%0	20%			_				-	_											1	1	1	П
No	15 WECC Log		operational			Not operationa							-															
1.00	16 Operation of the PSS/on at 6.3MM		Yes			S			\dashv														T	1	1		1	Т
Page Page	_	e e	Yes			No																						
chine on line. (When BKR Closes) C732, more off line. (When BKR Opens) C734, line off line. (When BKR Opens) C734, line off line. (When BKR Opens) C734, line off line. (When BKR Opens) C734, line off line. (When BKR Opens) Logarian Logarian Max T00% 10 gal Oily Water Tank Level LI-231 % 70% 10 gal Oily Water Tank Level LI-230 % 70% 10 gal Oily Water Tank Level LI-230 % 70% 10 gal Cas TG Drain Tank LI-230 % 70% 10 gal Gas TG Drain Tank LI-230 % 70% 10 pover 4500 rpm NL Compressor (on let rip) 5T-01 Amps 1200 10 cet trip) Skower Management Page As54A-01 Amps 1200 10 cet trip) Woutput Nw 1200 10 centration Waste Management Page Nw 11 1200 10 centrating Hours/ Unit Overview Page T1 70% 10 centration Temperature T1 70% 10 central System/Waste Oil Tank 11-120 % 10 central System/Waste Oil Tank 11-120<				200	575																							
rinne off line. (When BKR Opens) C774/1 Units Low Norm Max red No Gas Flow Itensic Control System C74/1 Units Low Norm Max r Diagram Rage Ul-231 % 70% r Diagram Page Itensical Control System Itensical Control	19 Turbine on line. (When BKR Close																										1	П
Tronic Control System C7 11 Low Norm Max	20 Turbine off line. (When BKR Open						0.1	hrs																1			1	
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Diagram Page/Record on hard S/D		11:230	%			70%																						
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Secondary Control	21 GAS COMPRESSOR START TIME	0630																									
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The Reveal of Table 120	27 Crankcase Bulls eye		-	_		11										H	H	L		L						П	
Page Scrubber Liquid Level Li-7466 LiQ10 EMPTY ANY LiQ10	28 Qil Day Tank Level	U-1562		0	Œ	110			L							-		L	_							Г	
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type Cylinder Disch. Temperature A TE-2054 A deg 226 297 Processor	40 Final Discharge Temp	TE-2120	deg		-	20		L									-									Г	
rege Cylinder Disch. Temperature A TE-2062 A deg 256 297 283 283 6 6 256 297 7 7 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 9 </td <td>41 1st Stage Cylinder Disch. Temperature A</td> <td>TE-2054 A</td> <td>deg</td> <td></td> <td>-</td> <td>160</td> <td></td> <td>П</td> <td></td>	41 1st Stage Cylinder Disch. Temperature A	TE-2054 A	deg		-	160																				П	
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Frame Vibration VT-1015 IPS 0.15	43 1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg		-	160																					
Frame Vibration VT-1015 IPS 0.15	44 2 nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg		-	83																					
Areaser Frame Vibration VT-1512 IPS 0.35 Max poid When the differential pressure exceeds Max poid the filter should be changed out. Notify System all Gas Comp.Discharge Press. Max poid Max	45 Motor Frame Vibration	VT-1015	PS		0	.15										-		H	_								
Once per Shift / at Full Load psig Max psid When the differential pressure exceeds Max psid the filter should be changed out. Notify System all Gas Comp.Discharge Press. al Gas Comp.Discharge Press. AG3FGDT 49-48=psid 8 AG3FGDT 49-48=psid 20 AG3FGDT AG3FGGT AG3FGT	46 Compresser Frame Vibration	VT-1512	PS		0	.35												_									
Block and Bleed Pressure A63FGDT 49-48=psid Block and Bleed Pressure A63FGST 50-49=psid Block and Bleed Pressure A63FTGST 50-49=psid ARCH Z, 2015 RE	47 Take Once per Shift / at Full Load		psig	_	Max ps		/hen	the di	fferen	tial pr	ressure	e exce	seds A	Aax p	sid th	e filte	r shou	ad pir	chan		ut. N	otify S	Syster	m Eng	ineer		
Sale Supply Pressure AG3FGGT 49-48=psid	48 Natural Gas Comp.Discharge Press.						H		H	_						-	_	_	_	_	_	_	_				
348 Supply Pressure A63FTGST 50-49=psid MRCH 12, 2015 RE	49 Double Block and Bleed Pressure	A63FGDT	49-48=ps	pis		00												_		_							
MRCH 12, 2015 RE 17 12, 2015 17 12 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	50 Fuel Gas Supply Pressure	A63FTGST	50-49=ps	Pis		20										\vdash	H	Н	H	H	Ц					П	H
1 14 8 6 2 9 6 45	W .OC 11 12																										
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CGTG TURBINE UTILITIES AND INFRASTRUCTURE	RASTRUCTI	JRE					Ö	CGTG GAS TURBINE	AS TL	IRBIN		Hour	Hour Beginnning	uning			MST/MDD(circle one	MDJ	circle	oue)					1	
Instrument Air Compressor		Units	Low	Low Norm	Max	1	7	3	4 5	9	7	00	6		11 1	12 1	13 1	14 15	S 16	5 17	18	119	20	21	22	23 24
1 NOTE Blowdown Dry Receiver Tank (BVT-013) hourly	k (BVT-01) hourly																								
2 NOTE Blowdown Wet Receiver Tank	k (BVT-007) hourly) hourly																								
3 Wet Reciever Air Pressure	PI-002	psig	90	105	120				=								_	_								-
4 Instrument Temperature	TI-001	deg C		20	20																					
5 Fin Fan Cooler		Units	Low	Norm	Max					211		100													1	
6 Coolant Pressure	PI-250	psig		22		1	_	/		_	_	_	-	_	_	7		1	1	1	1	1	1	1	1	1
7 Coolant PLC Temperature	TI-002	deg F	100	110	120																					
8 Sight glass Level Expansion Tank	11-001	LEVEL	1/3	2/3	FULL																				_	
-		In WC		-	L					_						_										
۲		In WC		37	20				-																	
11 Control Room		Units	Low	Norm																						
12 Room Temperature		deg F						-		_	_					_	-		_	L						
13 Combustible Gas Detector monitor		% LEL		%	70%		T																			
15 WECC Log		operational			Not operational	76																				
16 Operation of the PSS/on at 6.3MW		Yes			2																					
Operation of the AVR Voltage Mode @13.6 KV		Yes			S S																					
Time gas was first introduced into the Turbine (Turbine Rolling)		1430	200	575		0.2	hrs																			
19 Turbine on line. (When BKR Closes)		Shhl																								
20 Turbine off line. (When BKR Opens)		1455																								
21 Time of No Gas Flow		1051																								
22 Entronic Control System		Units	Low	Norm	Max																				1	ı
18 2000 gal Oily Water Tank Level	u-231	%			70%																					
Air Diagram Page		8			7007													-	_		_					
_	LI-230	R	h.		8												1		+	+	_	4			T	7
Air Diagram Page/Record on hard S/D trip over 4500 rpm NL Compressor (on line trip)	D A63GGD ST-01	psig	35	20																						
21 Acknowledge Alarms hourly																										
22 Power Management Page Generator Current	A54A-01	Amps			1200																					
					1			T	-													_				
Mw Output		¥Ε			77				_																	
Power Management Page 80 % Base Min Load	1																				_					
25 Running Hours/ Unit Overview Page										+	_					\dashv		+	+	-	-	_			T	T
26 Ambient Temperature	F								\dashv	+	-	_								+	+	4				\neg
27 Gas Fuel System/Waste Oil Tank	LI-120	%			20%																					

CGTG TURBINE UTILITIES AND INFRASTRUCTURE	ASTRUCTU	RE					CGTG	CGTG GAS TURBINE	IRBINE	H	Hour Beginnning	nuning	D0	W	J/MD	MST/MDT (circle one)	e one						
Instrument Air Compressor		Units	Low Norm	Norm	Max	1 2	m	4 5	9	1	60	10	11 12	13	7	15 1	16 17	18	19	20 21	1 22	23	24
1 NOTE Blowdown Dry Receiver Tank	(BVT-013) hourly	hourly								2	-) -	4	1	1	-	-	-	-	+	+-		
NOTE Blowdown Wet Receiver Tank	(BVT-007) hourly	hourly								7	\ \{\frac{1}{2}}	٠	-2-			-	-	-	İ	+			Γ
\neg	PI-002	psig	96	105	120					7	105 12 105 10	159	8				H						Τ
	TI-001	deg C		20	20						20 00 0c	3	3										
	22	Units	Low	Norm	Max																		
	PI-250	psig		25		1 1	/	1	1	61 1	1/2-1/	300	/ y/	_	-		/		-		-		-
	TI-002	deg F	100	110	120					7	8	8	108					_		-	-		T
8 Sight glass Level Expansion Tank	11-00-17	LEVEL	1/3	2/3	FULL						1121/2 1/2 1/1	3/2	1/1										
9 Coolant Return Differential from GG	FI-001	In WC		99	80					יא	7%	2	(0)			H	-		İ	-	-		Ī
10 Coolant Return Differential from	FI-002	In WC		37	20					~	32 33	33	33 36				-			+	-		
11 Control Room		Units	Low	Norm	Max																		
12 Room Temperature		deg F		72	85			_	_	و	3	22	72			H	L	L		H	L		I
13 Combustible Gas Detector monitor		% LEL		%	20%					•	100 80 000 0NO	200	8				-			-			T
15 WECC Log		operational		Ī	Not operational																		
16 Operation of the PSS/on at 6.3MW		Yes			S.					رود	0 40-10x 0x	3	9										
17 @13.6 KV		Yes			N _O					7	3	407-407-405	ड्र	Ž,		4.0 hrs	Is			-			
Time gas was first introduced into the Turbine (Turbine Rolling)	0760		200	575																			
19 Turbine on line, (When BKR Closes)	1786										F	I	-				-	L		H			
20 Turbine off line, (When BKR Opens)	60										+					+	+		T	+			
21 Time of No Gas Flow	100			Ī		1										+	+			+		I	
22 Entronic Control System	(Liniter	Tour.	Tour Contract of	Bilan												+			-			T
Air Diagram		2000	TOM MOUTH		MdX			-		-	-		4			-	+		Ė	ŀ			
18 2000 gal Oily Water Tank Level	LI-231	%			%02					مرد	11 12 17/2 17/2	200	27%				_			_			
19 Air Diagram Page 10 gal Gas TG Drain Tank	LI-230	%			70%						0/0 / 0/ 0/0	32	%										
Air Diagram Page/Record on hard S/D 20 trip over 4500 rpm NL Compressor (on		psig	35	20		-																	
21 Action deduction	5T-01					+		+	1		A. (2) (4)	(0)	15			+	+			+	-		
								+			~	2 1	3			+	+	1		+	4		T
22 Power Management Page Generator Current	A54A-01	Amps			1200					2	1501 10201 1801	2019	4501										
23 Power Management Page Mw Output		Mw			21					7	74. 4. 24.624.9	35.	抗										
24 Bower Management Page 80 % Base Min Load										2	20 9 500 miles	13	75.										
25 Running Hours/ Unit Overview Page									L	8	15. P.S.	248	1854			t	+	1		+			
26 Ambient Temperature	11									3	15.4 5.14 J. 45.7	3	5÷										Γ
27 Gas Fuel System/Waste Oil Tank	LI-120	%(20%					S	56/55% 57% SHI	22%	- 1 -5-5							-			
DATE 03-26-2015	SIGNATUR	SIGNATURE (Kanner)	7	1												1							Γ

CGTG TURBINE UTILITIES AND INFRASTRUCTURE

Second Press Second Se	7	Valuation of the Compression			ŧ													*	_							
### BLINK ### BLINK	21	GAS COMPRESSOR START TIME	Sh VO	_	_		1		+		+	+	•	-	-	+	+	i	-	-	-	-	3	77	2	200
Color Colo	14	Combinstible Gas Detector	AAU 303	9	<u> </u>	+	90		I				1	İ	+	-			+	+	+	1	İ	+	+	+
Color Color	1 2	Companies cas perental	1	0	1	-	S S	+			+		,		-	-					-				-	\dashv
Interest	2	Packing Lube Oil Flow Indicator Left Side	- 1	LIGHT	<u></u>	¥					1 1		8	13	3	500				H	_				_	
Location Level Level 1/2 LUL Level	ဖျ	Liquid Level Coalescing	LI-7721	LIQID	E	1PTY /	١N٨						12	1	A					L				-	H	\vdash
Line Line	2	Crankcase Bulls eye	LC-1574				ULL						17	121	212				-	H		L		l	┝	+
1.7416 1/2 FULL	8	Oil Day Tank Level	LI-1562	_	2	-	ᆵ	_					9	+-		_				H	L			H	╀	+
1.7416 LIQID EMPTY ANY older	6	Lubricator Bulls eye		_	_	111							u.	14	ענ	200				H		L		H	╀	+
cking Lube oil Flow Indicator Right Side LI-7466 LIQID EMPTY ANY Stage Scrubber Liquid Level F21-1501A LIGHT BLINK 140 Stage Inlet Press Pt-2100 psig 238 140 ge Disch. Press Pt-2101 psig 267 285 1 Stage Inlet Press Pt-2201 psig 267 285 1 Stage Disch. Press Pt-2201 psig 575 600 al Discharge Pressure Pt-2101 psig 40 60 170 al Discharge Pressure Pt-1210 deg 150 170 170 al Discharge Pressure TE-1204 deg 150 170 170 al Discharge Temp TE-2120 deg 226 297 283	0	1st Stage Scrubber Liquid Level	LI-7416	LIQID	EN	4PTY A	λN							1	1				H	H		L		H	H	+
Stage Cylinder Disch. Temperature A Inch Ends Cylinder Disch. Temperature B Inch Ends Cylinder Disch Ends Cylinder Disch. Temperature B Inch Ends Cylinder Disch. Temperature B Inch Ends Cylinder Disch Ends Cylinder Disch. Temperature B Inch Ends Cylinder Disch En			LI-7466	LIQID	6	1PTY A	ΙΝΥ				-						E:		T	H	L	L		t	H	+
Stage Inlet Press. Pt-2100 psig 88 140 ge Disch. Press Pt-2101 psig 238 285 1 Stage Inlet Press Pt-2200 psig 267 285 Stage Disch. Press Pt-2201 psig 575 600 al Discharge Pressure Pt-12108 psig 575 600 al Discharge Pressure Pt-1572 psig 40 60 775 600 al Discharge Fressure Pt-1572 psig 40 60 170 170 170 170 170 170 170 170 170 170 170 140 170 170 170 170 170 170 18	N	Packing Lube Oil Flow Indicator Right Side	FSL-1501A	ПВНТ	=	N.								2	_											
Stage Inlet Press Pt-2101 psig 238 285	m	1tt Stage Inlet Press.	PI-2100	psig		\vdash	5						2	1/2	14 1/					+	L			t	╁	+
Stage Inlet Press Pt-2200 psig 267 285	4	Stage Disch. Press	PI-2101	psig	7	\vdash	385						234	$\frac{1}{2}$	i E	×			t	H	L	L		t	H	+
Stage Disch. Press Pt-2201 psig 575 600	2	2nd Stage Inlet Press	PI-2200	psig	7	-	285						232	2220	34.23	2				H	ŀ			t	╀	+
Pi-2108 Psig S75 G00	9	2" Stage Disch. Press	PI-2201	psig		-	8						32	Ses	X	0				H	H	L		t	╁	t
Persoure Pri	~	Final Discharge Pressure	PI-2108	psig		\vdash	300						573	S	2	>				+	1				╁	+
TE-1584 deg 150 170	00	Lube Oil Pressure	PI-1572		-	93							57	C	2	0				H	L		Ī	H	H	H
Stage Cylinder Disch. Temperature A TE-2120 deg 110 150	6	Lube Oil Temp	TE-1584	deg	_		20						6%			_				H	L			H	╀	+
Stage Cylinder Disch. Temperature A TE-2054 A deg 226 297 Stage Cylinder Disch. Temperature A TE-2062 A deg 258 283 Stage Cylinder Disch. Temperature B TE-2054 B deg 226 297 Stage Cylinder Disch. Temperature B TE-2062 B deg 258 283 Ior Frame Vibration VT-1015 IPS 0.15 mpresser Frame Vibration VT-1512 IPS 0.15 ic Once per Shift at Full Load VT-1512 IPS 0.35 uule Block and Bleed Pressure A63FGDT 49-48=psid 8 ule Block Supply Pressure A63FGST 50-49=psid 20 URE Accomp. Discharge Pressure A63FGST 50-49=psid 20	0	Final Discharge Temp	TE-2120	deg	_	-	150				-		12	7	8	1				H	L	L	Ī	H	H	t
Stage Cylinder Disch. Temperature A TE-2062 A deg 258 283 Stage Cylinder Disch. Temperature B TE-2054 B deg 226 297 Stage Cylinder Disch. Temperature B TE-2062 B deg 258 283 Ior Frame Vibration VT-1015 IPS 0.15 Inpresser Frame Vibration VT-1512 IPS 0.15 Ice Once per Shift at Full Load VT-1512 IPS 0.35 Inual Gas Comp. Discharge Press. A63FGDT 49-48=psid 8 In Gas Supply Pressure A63FGST 50-49=psid 20 OVER CALL AND AND AND AND AND AND AND AND AND AND	-1	1st Stage Cylinder Disch. Temperature A	TE-2054 A	gəp	7		197						212	112 2	1221	2				H	L			H	╀	+
Stage Cylinder Disch. Temperature B TE-2054 B deg 226 297 Stage Cylinder Disch. Temperature B TE-2062 B deg 258 283 Ior Frame Vibration VT-1015 IPS 0.15 Inpresser Frame Vibration VT-1512 IPS 0.15 Ice Once per Shift / at Full Load VT-1512 IPS 0.35 Iversity of Second Discharge Pressure A63FGDT 49-48=psid 8 Indee Block and Bleed Pressure A63FGST 50-49=psid 20 OD 2 2 Loc 20 I Second Discharge Pressure A63FGST 50-49=psid 20	N	2"Stage Cylinder Disch. Temperature A	TE-2062 A	deg	7		283						ห	2142	152	~				H	L				H	-
Stage Cylinder Disch. Temperature B TE-2062 B deg 258 283 for Frame Vibration VT-1015 IPS 0.15	m	1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg	7	_	197						216	2692	09 2 M	0				L	L			H	L	H
No. Person No. Person	4	2nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg	2		283						22	1142	3	6									H	H
### AGA Supply Pressure Concept Shift At Full Load Psig Max psid M	10	Motor Frame Vibration	VT-1015	IPS		9	.15						40.	64 0	30	>				H	L			H	H	H
te Once per Shift I at Full Load Tural Gas Comp.Discharge Press. AG3FGDT 49-48=psid 8 Bl Gas Supply Pressure AG3FTGST 50-49=psid 20 O5-316-3015 The Company of the State	10	Compresser Frame Vibration	VT-1512	IPS		0	.35	H			H		50.	050	K	,				\vdash	_			H	╀	+
ural Gas Comp. Discharge Press. AGSFGDT 49-48=psid 8 In Gas Supply Pressure AGSFTGST 50-49=psid 20	~	Take Once per Shift / at Full Load		psig	_	Max ps		/hen th	e diffe	rential	pressu	are exc	eeds A	Max ps	id the	filter	hould	be ch	anged	out.	otify	Systen	n Engir	eer		1
uble Block and Bleed Pressure A63FGDT 49-48=psid 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	00	Natural Gas Comp.Discharge Press.									-		315	H		_				H	_			-	-	-
Gas Supply Pressure A63FTGST 50-49=psid 20	0	Double Block and Bleed Pressure	A63FGDT	49-48=p	pis		00						3	H	H	H			+	H	L	L	Ī	H	H	+
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Pi-1022 Pisig 90 105 120		NOTE Blowdown Wet Receiver Tank		hourly							-		7	1	1	t	+	+		I		1	+	+	+	1
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0645 200 575 07554		Operation of the AVR Voltage Mode 213.6 KV		Yes			N _o					,	100									+	-			
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L1-230 % 70%	_		167-17								-		18/		_	+	+	4					-			
or (on ST-01) A63GGD psig 35 20 5T-01 Amps 1200 A54A-01 Amps 21		G Drain Tank	LI-230	%			%02								_											
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11-120 % 70%	26 4		F									7	8.45B	.054.	567								H			
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UTILITIES AND INFRASTRUCTURE CGTG TURBINE

20 Natural 21 GAS/CC 24 Combus 25 Packing 26 Liquid I 27 Crankca 28 Oil Day 29 Lubricate 30 1st Stag 31 2nd Stag 22 Dediction	20 Natural Gas Compressor		Units Low	_	Vorm Max	1 XE	7	"	V			C		•	۰		÷	۰	i			ł	ł		73	
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	JWPRESSON START TIME	8690										200														
	24 Combustible Gas Detector	AAH-303	%	O	0% 20%	%						Ī	1													
	25 Packing Lube Oil Flow Indicator Left Side	FSL-1501B	LIGHT	BL	BLINK							X	3	BB	3											
	Liquid Level Coalescing	LI-7721	LIQID	EM	EMPTY ANY	 ≥				H		17	00	7	(6)											
	Crankcase Bulls eye	LC-1574	LEVEL 1	1/4 1,	1/2 FULL	11						Z	ż	74	14											
	Oil Day Tank Level	11-1562	GAL 1	10	FULL							41(41	H . JA	1											
	Lubricator Bulls eye		LEVEL 1	1/2 FULL	11							l <u>ı</u>	i	1	30						_	_				
	1st Stage Scrubber Liquid Level	11-7416	1	EMPTY	PTY ANY	<u> </u>				ļ		Y	'U	l.	J.tr						_					
_	2nd Stage Scrubber Liquid Level	11-7466	LIQID	EMPTY	PTY ANY	<u>}</u>						£		B B												
	Packing Lube Oil Flow Indicator Right Side	FSL-1501A	LIGHT	BLINK	NK					-			8	BB	-~	_										
33 1 ^{et} Stag	'S	PI-2100	gisd	88	8 140	9						76	12	17	7											
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39 Lube Oil Temp		TE-1584	deg	ij	150 170	0,						3	791 891 891 891	91 89	.2						=		_			
40 Final Di		TE-2120	deg	13	110 150	<u>.</u>	100					83	83 86 47 F	47.6	3											
		TE-2054 A	deg	226	6 297	7.						34	24 27 26 2B	282	2								Ц			
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Compre		VT-1512	IPS		0.35	35						₹	,0,0	,04,00	Ř											
Take On	47 Take Once per Shift / at Full Load		psig	2	Max psid.	9	ien the	e diffe	rentia	Il press	sure ex	When the differential pressure exceeds Max psid the filter should be changed out. Notify System Engineer	Max	sid th	ie filte	er sho	ald ble	chan	ged o	ut. No	tify S	ystem	Engin	eer		
Natural	48 Natural Gas Comp.Discharge Press.										-		575	-		_										
Double	49 Double Block and Bleed Pressure	A63FGDT	49-48=psid	sid		00							T'S													
Fuel Ga	50 Fuel Gas Supply Pressure	A63FTGST	50-49=psid	sid	2	02							558								П	-				
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CGTG TURBINE UT	UTILITIES AND INFRASTRUCTURE	STRUCTU	IRE					200	CGIG GAS LURBINE	OKRI		HOUL B	HOUL Beginnning	ing		M	MST(MD) (circle one)	(CILCIE	one						
Instrument Air Compressor	mpressor		Units	Low Norm	muc	Max	1 2	3	4	5 6	7	00	9, 1	10 11	12	13	14 1	15 16	5 17	18	19	20	21 22	2 23	24
1 NOTE Blowdown Dry Receiver Tank (BVT-013) hourly	ny Receiver Tank	(BVT-013) hourly									1	7	7											
2 NOTE Blowdown Wet Receiver Tank	et Receiver Tank	(BVT-007) hourly	hourly	3	#1.—							7	7	7											
3 Wet Reciever Air Pressure	essure	PI-002	psig	90 1	105	120						0//	201 01	8											_
4 Instrument Temperature	ature	TI-001	deg C		20	20						22.20	12 or	-1-											
5 Fin Fan Cooler			Units	Low Norm	nu	Max					1						8		- 1				8		١,
6 Coolant Pressure		PI-250	psig		25		1 1	1	/	1	1	182 18	6/ 16	¥1 .	1	1	1	1 1	f	1	f	1	1	1 1	F
7 Coolant PLC Temperature	ature	TI-002	deg F	100	110	120							17 15	4 103	2									-	
8 Sight glass Level Expansion Tank	oansion Tank	LI-001	LEVEL	1/3	2/3	FULL						4	1/2 1/	1/2 1/2									-		Ш
9 Coolant Return Differential from GG	99 1	FI-001	In WC		90	80								C CO											
10 Coolant Return Differential from	rential from	FI-002	In WC		37	20						35	-	35 37	1										
11 Control Room			Units	Low No	Norm	Max	i																		
12 Room Temperature			deg F	_	72	85						11	1	11 1											
13 Combustible Gas Detector monitor	tector monitor		% LEL		%0	50%						0	0	0				-					1	-	4
15 WECC Log			operational		Not	Not operational																		-	
16 Operation of the PSS/on at 6.3MW	on at 6.3MW		Yes			No					£	ķ	Yes Yes Yes	3 10	V			+					T		4
17 Operation of the AVR Voltage Mode @13.6 KV	Voltage Mode		Yes			9					ž	3,	75 7	7c5 7e5	~										
18 Time gas was first introduced into the Turbine (Turbine Rolling)	oduced into the	0110		200 5	575													4.11	hrs						
19 Turbine on line. (When BKR Closes)	BKR Closes)	0753																	_						
20 Turbine off line. (When BKR Opens)	BKR Opens)	1200																							
21 Time of No Gas Flow		1201																_							_
22 Entronic Control System	System		Units	Low Norm	E L	Max												+	-			ŀ	1	+	ŀ
18 2000 gal Oily Water Tank Level	Tank Level	U-231	%			%02						11	17 17	7 17											
19 Air Diagram Page	e iin Tank	11-230	%			%02						0	9 0	0											
Air Diagram Page/Record on hard S/D	cord on hard S/D									-	_			H					-						-
20 trip over 4500 rpm NL Compressor (on line trip)	IL Compressor (on	A63GGD 5T-01	psig	32	20																				
21 Acknowledge Alarms hourly	s hourly							(+)				٦.	۲	7											-
22 Power Management Page Generator Current	Page	A54A-01	Amps			1200						200	850/850/850/	- 33 - 33 - 33 - 33	్లు				-						
Power Management Page Mw Output	Page		Mw			21						25 25	25 7	25 25	١٥										
24 Power Management Page 80 % Base Min Load	Page											10.6	7.61 19.9 19.7	9	7										
25 Running Hours/ Unit Overview Page	Overview Page											19ht	2461 1467 2464 2465	142 1791	, Vg										
26 Ambient Temperature	ē	Ţ									4	38.8	38.8 40.847.5 49.1	1.5 40	=			+						\dashv	-
²⁷ Gas Fuel System/Waste Oil Tank	iste Oil Tank	11-120	%			20%						5,6	56 55	55/5	<u>ہ</u>										
DATE 4 - 9 - 1 <		SIGNATURE OF	RE CALS	Sur	COME																				

CGTG TURBINE

Accordance of the content of the c	3	COLO IONDINE UTILITIES AND INFRASINOCIONE	IN COLONE		Ì				ŀ	ŀ	ŀ				H	ŀ	H	Н	H				H	H	H	ŀ	H	H
FRESSOR START TIME Obd-457 AAH-303 % 00% 20% le Gas Detector AAH-303 % 0% 20% 20% be Oil Flow Indicator Left Side FSL-1501B LIGHT BLINK ANY Pull Seve LC-1574 LEVEL 1/4 1/2 FULL Bulk eye LC-1574 LEVEL 1/2 FULL ANY Bulk eye LI-7466 LIQID EMPTY ANY Scrubber Liquid Level LI-7466 LIQID EMPTY ANY Ch. Press PL-2100 psig 238 285 140 Ch. Press Pluck PL-2200 psig 575 600 Pharge Passure	20	Natural Gas Compressor	0	Ounts	_		Max	-	-	-	-	٥	,	00	7	-	-	-	-	2	9	1	-	-	-	-	-	-
Re Gas Detector AAH-303 % 0% 20% be Oil Flow Indicator Left Side FSL-1501B LIGHT BINK BINK let Coalescing LI-7721 LIQID EMPTY ANY Bulk eye LC-1574 LEVEL 1/2 FULL Scrubber Liquid Level LL-7456 LIQID EMPTY ANY Scrubber Liquid Level LL-7466 LIQID EMPTY ANY Scrubber Liquid Level LL-7200 psig SS 18 Ch. Press PI-2100 psig SS 18 Ch. Press PI-2100 psig SS 15 Ch. Press PI-2108 psig 40 60 Pressure PI-2108 psig<	21	GAS COMPRESSOR START TIME	0645																						-		-	-
be Oil Flow Indicator Left Side FSL-1501B LIGHT BLINK LIQID EMPTY ANY Bulk eye LC-1574 LEVEL 1/4 1/2 FULL but Level LI-1562 GAL 10 FULL Bulk eye LI-1562 GAL 10 FULL Bulk eye LI-7416 LIQID EMPTY ANY Strubber Liquid Level LI-7456 LIQID EMPTY ANY Strubber Liquid Level LI-7456 LIQID EMPTY ANY Strubber Liquid Level LI-7456 LIQID EMPTY ANY Strubber Liquid Level LI-7456 LIQID EMPTY ANY Strubber Liquid Level LI-7456 LIQID EMPTY ANY Strubber Liquid Level LI-7456 LIQID EMPTY ANY Dip Oil Flow Indicator Right Side FSL-1501A LIGHT SLID Ch. Press PI-2100 psig 238 140 Disch. Press PI-2200 psig 575 600 Disch. Press PI-2200 deg 575 600 Disch. Pressure TE-1524 deg 575 600 Disch. Temperature A TE-2054 deg 256 297 Cylinder Disch. Temperature B TE-2054 deg 256 297 Cylinder Disch. Temperature B TE-2054 deg 256 297 Cylinder Disch. Temperature B TE-2054 deg 256 283 Disch And Bleed Pressure AG3FGDT 4948=psid 2015 Supply Pressure AG3FGDT 4948=psid 2015 Disch and Bleed Pressure AG3FGDT 4948=psid 2015 Disch and Bleed Pressure AG3FGDT 2049=psid 2015 Disch and Bleed Pressure 2015 Disch and Bleed Pressure 2015 Discharación 2015 Discharaci	24	Combustible Gas Detector	AAH-303	%		%0	20%		-				J	_			,								_			_
Net Coalesting II-7721 IIQID EMPTY ANY ANY Bulk eye IC-1574 LEVEL 1/4 1/2 FULL Bulk eye IL-1562 GAL 10 FULL Bulk eye IL-1466 ILQID EMPTY ANY Scrubber Liquid Level IL-7466 ILQID EMPTY ANY Scrubber Liquid Level IL-7200 psig 288 140 ch. Press PI-2101 psig 288 140 ch. Press PI-2201 psig 257 600 ch. Press PI-2202 psig 575 600 ch. Pressure PI-2203 psig 575 600 Pressure TE-1584 deg 256 297 Cylinder Disch. Temperature B TE-2054 B deg 256 297 Cylin	25	Packing Lube Oil Flow Indicator Left Side	FSL-1501B	LIGHT		BLINK				-				Н														
Harge Press. 11.1562 12.1574 12.1562 13.101 14.1562 15.101 15.101 16.101 16.101 16.101 17.	56	Liquid Level Coalescing	11-7721	LIQID		-	ANY		-	L				M	V.,													
Neterel 11-1562 GAL 10 FULL Bulk eye Scrubber Liquid Level 11-7416 LIQID EMPTY ANY Scrubber Liquid Level 11-7456 LIQID EMPTY ANY Scrubber Liquid Level 11-7456 LIQID EMPTY ANY Scrubber Liquid Level 11-7456 LIQID EMPTY ANY Scrubber Liquid Level 11-7456 LIQID EMPTY ANY Inlet Press. P1-2100 psig 238 285 P1-2200 psig 267 285 P1-2201 psig 257 600 P1-858 P1-2201 psig 275 600 P1-2201 psig 275 600 P1-2201 psig 275 600 P1-2201 psig 275 600 P1-2201 psig 275 600 P1-2201 psig 275 600 P1-2201 psig 275 600 P1-2201 psig 275 600 P1-2201 psig 275 600 P1-2201 psig 275 600 P1-2201 psig 275 600 P1-2201 psig 275 600 P1-2201 psig 275 600 P1-2201 psig 275 600 P1-2201 psig 275 600 P1-2201 psig 275 600 P1-2201 psig 275 600 P1-2201 psig 275 600	27	Crankcase Bulk eye	LC-1574	LEVEL	1/4		FILE			H						Ε.								-		=		
Scrubber Liquid Level LI-7416 LIQID EMPTY ANY Scrubber Liquid Level LI-7466 LIQID EMPTY ANY Scrubber Liquid Level LI-7466 LIQID EMPTY ANY Inlet Press. PI-2100 psig 88 140 ch. Press PI-2101 psig 238 285 pl. Press. PI-2200 psig 267 285 pl. Press PI-2201 psig 267 285 pl. Press PI-2201 psig 575 600 Pressure PI-1201 psig 575 600 Pressure PI-1202 psig 40 60 170 Pressure PI-1208 psig 40 60 170 180 chinger Disch. Temperature A TE-2054 A deg 226 297 281 283 Cylinder Disch. Temperature B TE-2054 B deg 258 283 288 288 288 288 288	78	Oil Day Tank Level	11-1562	GAL	2		FULL			L			1		1115											_		
Scrubber Liquid Level LI-7416 LIQID EMPTY ANY Scrubber Liquid Level LI-7466 LIQID EMPTY ANY be Oil Flow Indicator Right Side FSL-1501A psig 88 140 ch. Press PI-2100 psig 285 140 ch. Press PI-2101 psig 267 285 ch. Press PI-2201 psig 267 285 ch. Press PI-2201 psig 575 600 charge Pressure PI-1272 psig 575 600 Pressure PI-1572 psig 575 600 Pressure PI-1572 psig 575 600 Pressure PI-1572 psig 575 600 cylinder Disch. Temperature A TE-2054 A deg 226 297 cylinder Disch. Temperature B TE-2054 B deg 258 283 cylinder Disch. Temperature B TE-2054 B deg 256 297 cylinder Disc	53	Lubricator Bulls eye		LEVEL	1/2	FULL								T	1	,	-									E		
Scrubber Liquid Level LI-7466 LIQID EMPTY ANY the Oil Flow Indicator Right Side FSL-1501A LIGHT BLINK the Press. PI-2100 psig 238 285 ch. Press PI-2200 psig 267 285 to liniet Press PI-2201 psig 267 285 to liniet Press PI-2200 psig 267 285 to liniet Press PI-2200 psig 267 285 to liniet Press PI-2200 psig 575 600 charge Pressure PI-1208 psig 575 600 Pressure PI-1572 psig 575 600 charge Temp TE-1584 deg 150 170 chinder Disch. Temperature A TE-2054 A deg 226 297 Cylinder Disch. Temperature B TE-2054 B deg 258 283 Cylinder Disch. Temperature B TE-2054 B deg 256 297 Cylinder Disch. Temperature B	30	1st Stage Scrubber Liquid Level	LI-7416	LIQID		EMPTY	ANY							M	E	m												
the Oil Flow Indicator Right Side Color Press.	31		11-7466	DIOID			ANA							ш	EE	7											H	
the Press. ch. Press ch. Press ch. Press ch. Press ch. Press ch. Press ch. Press ch. Press ch. Press ch. Press ch. Press ch. Press ch. Press ch. Press ch. Press ch. Press ch. Pressure c	32	Packing Lube Oil Flow Indicator Right Side	FSL-1501A	LIGHT		BLINK																				-		_
ch. Press Pi-2101 psig 238 285 Dilecth Press Pi-2200 psig 267 285 Dilsch Press Pi-2201 psig 575 600 charge Pressure Pi-2108 psig 575 600 Pressure Pi-1572 psig 40 60 170 Limperature A TE-21584 deg 226 297 297 Cylinder Disch. Temperature B TE-2054 A deg 226 297 297 Cylinder Disch. Temperature B TE-2054 B deg 226 297 297 Cylinder Disch. Temperature B TE-2054 B deg 258 283 383 Gorph. Temperature B TE-2054 B deg 256 297 207 207 207 207 207	33	1st Stage Inlet Press.	PI-2100	psig		88	140			H							1											-
Pi-2200 psig 267 285 Pi-2201 psig 600 Pi-85sure Pi-1201 psig 575 600 Pressure Pi-1202 psig 675 600 Pressure Pi-1202 psig 757 600 Pressure Pi-1202 psig 757 600 Pressure Pi-1202 psig 757 600 Pi-1202 psig 75 6	34	Stage Disch. Press	PI-2101	psig		238	285						2	_	1767	3123	18										-	Н
Pi-2201 psig 575 600 Piessure Pressure Pi-2108 psig 600 Pressure Pi-1584 deg 150 170 Filange Presture Pi-1584 deg 150 170 Filange Presture A TE-1584 deg 150 170 Filange Disch. Temperature A TE-2054 deg 226 297 Cylinder Disch. Temperature B TE-2054 deg 226 297 Cylinder Disch. Temperature B TE-2054 deg 226 297 Cylinder Disch. Temperature B TE-2058 deg 226 297 Cylinder Disch. Temperature B TE-2058 deg 258 283 me Vibration VT-1015 IPS 0.15 ser Frame Vibration VT-1512 IPS 0.15 ser Frame Vibration VT-1512 IPS 0.15 ser Frame Vibration VT-1512 IPS 0.15 ser Frame Vibration VT-1512 IPS 0.15 Supply Pressure A63FGDT 49-48-psid 8 Supply Pressure A63FGDT 50-49=psid 20 A-15	35	2nd Stage Inlet Press	PI-2200	psig		267	285						7	$\overline{}$	2282	74 Z3	5										-	
Pi-2108 psig 575 600 Pressure Pi-1572 psig 40 60 Tenn TE-1584 deg 150 170 cylinder Disch. Temperature A TE-2054 A deg 226 297 cylinder Disch. Temperature B TE-2054 B deg 226 297 cylinder Disch. Temperature B TE-2054 B deg 226 293 cylinder Disch. Temperature B TE-2054 B deg 226 293 cylinder Disch. Temperature B TE-2054 B deg 226 293 cylinder Disch. Temperature B TE-2054 B deg 258 283 me Vibration VT-1015 IPS 20 ser Frame Vibration VT-1512 IPS 0.15 as Comp.Discharge Press. A63FGDT 49-48=psid 8 sock and Bleed Pressure A63FGDT 49-48=psid 8 cylinder Discharge Pressure A63FGDT 50-49=psid 20	36	2 nd Stage Disch. Press	PI-2201	psig		575	900								5805	15 31	6.										-	-
Pressure Pi-1572 psig 40 60 Temp TE-1584 deg 150 170 cylinder Disch. Temperature A TE-2054 A deg 226 297 Cylinder Disch. Temperature B TE-2052 A deg 258 283 Cylinder Disch. Temperature B TE-2052 B deg 258 283 Cylinder Disch. Temperature B TE-2052 B deg 258 283 me Vibration VT-1015 IPS 0.15 ser Frame Vibration VT-1512 IPS 0.35 as Comp. Discharge Press. A63FGDT 49-48=psid 8 Supply Pressure A63FGDT 49-48=psid 20 A1.5 Supply Pressure A63FGDT 50-49=psid 20	37	Final Discharge Pressure	PI-2108	gisd		575	909			_					5 825	72 5											-	
TE-1584 deg 150 170 charge Temp TE-2120 deg 110 150 Cylinder Disch. Temperature A TE-2054 A deg 226 297 Cylinder Disch. Temperature B TE-2062 A deg 258 283 Cylinder Disch. Temperature B TE-2064 B deg 256 297 Cylinder Disch. Temperature B TE-2064 B deg 256 297 Cylinder Disch. Temperature B TE-2062 B deg 256 297 Cylinder Disch. Temperature B TE-2062 B deg 256 283 me Vibration VT-1015 IPS 0.15 ser Frame Vibration VT-1512 IPS 0.15 as Comp. Discharge Press. A63FGDT 49-48=psid 8 Supply Pressure A63FGST 50-49=psid 20 -4-15	38	Lube Oil Pressure	PI-1572	psig	9	09				-				_		8	170										-	-
### 150 15	39	Lube Oil Temp	TE-1584	deg		150	170								$\overline{}$	10 17	0										-	+
Cylinder Disch. Temperature A TE-2054 A deg 256 297 Cylinder Disch. Temperature A TE-2062 A deg 258 283 Cylinder Disch. Temperature B TE-2062 B deg 258 283 Cylinder Disch. Temperature B TE-2062 B deg 258 283 me Vibration VT-1015 IPS 0.15 ser Frame Vibration VT-1512 IPS 0.35 e per Shift / at Full Load A63FGDT 49-48=psid 8 Supply Pressure A63FGST 50-49=psid 20 -4-15	40	Final Discharge Temp	TE-2120	deg		110	150								15	7	J.	_	_							+	-	4
Cylinder Disch. Temperature A TE-2062 A deg 258 283 Cylinder Disch. Temperature B TE-2054 B deg 226 297 Cylinder Disch. Temperature B TE-2054 B deg 258 283 me Vibration VT-1015 IPS 0.15 ser Frame Vibration VT-1512 IPS 0.15 ser Frame VIbration VT-1512 ser Frame VIBRATION VT-1512 ser Frame VIBRATION VT-1512 ser Frame VIBRATION VT-1512 ser Frame VIBRATION VT-1512 ser Frame VIBRATION VT-1512 ser Frame VIBRATION VT-1512 ser Frame VIBRATION VT-1512 ser Frame VIBRATION VT-1512 ser Frame VIBRATION VT-1512 ser Frame VIBRATION VT-1512 ser Frame VIBRATION VT-1512 ser Frame VIBRATION VT-1512 ser Frame VIBRATION VT-1512 ser Frame VIBRATION VT-15	41	1st Stage Cylinder Disch. Temperature A	TE-2054 A	deg		526	297								7 /1/	18 21	9									1	-	-
Cylinder Disch. Temperature B TE-2054 B deg 256 297 Cylinder Disch. Temperature B TE-2062 B deg 258 283 mre Vibration VT-1015 IPS 0.15 ser Frame Vibration VT-1512 IPS 0.35 e per Shift / at Full Load AG3FGDT 4948=psid 8 Supply Pressure AG3FGST 50-49=psid 20	42	2 nd Stage Cylinder Disch. Temperature A	TE-2062 A	deg		258	283								212	12 22	<u>بر</u>		\perp							-	-	-
Cylinder Disch. Temperature B TE-2062 B deg 258 283 mme Vibration VT-1015 IPS 0.15 ser Frame Vibration VT-1512 IPS 0.35 ser Frame Vibration VT-1512 IPS 0.35 eper Shift / at Full Load as Comp.Discharge Press. AG3FGDT 49-48=psid 8 supply Pressure AG3FGDT 50-49=psid 20 20 4-15	43	1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg		526	297				Ц				2912	17 77	7		Ц							-	-	-
me Vibration VT-1015 IPS 0.15 ser Frame Vibration VT-1512 IPS 0.35 e per Shift / at Full Load psig Max psid as Comp.Discharge Press. A63FGDT 49-48=psid 8 Supply Pressure A63FTGST 50-49=psid 20 4-√5 A63FTGST A63FTGST 20	44	2 nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg		258	283		-						2 9/2	2 22	5									-	-	Н
ser Frame Vibration VT-1512 IPS 0.35 e per Shift / at Full Load psig Max psid as Comp. Discharge Press. A63FGDT 49-48=psid 8 lock and Bleed Pressure A63FTGST 50-49=psid 20 9-15 A63FTGST A63FTGST 20	45	Motor Frame Vibration	VT-1015	IPS			0.15								. 56	03 .6	23									-	-	\dashv
as Comp. Discharge Press. lock and Bleed Pressure Supply Pressure 463FGDT 49-48=psid 8 Supply Pressure 463FTGST 7-15 Max psid 8 20 20 20 20 20 20 20 20 20 20 20 20 20	46	Compresser Frame Vibration	VT-1512	PS			0.35							. 60.	05	1- 50	25									-	-	-
as Comp. Discharge Press. AG3FGDT 49-48=psid 8 Supply Pressure AG3FTGST 50-49=psid 20 -4-15	47	Take Once per Shift / at Full Load		psig		Max	pisc	When	the d	ifferer	ntial p	ressur	e exce	eds N	lax ps	id the	filter	shoul	d be	chang	ed or	Jt. No	tify Sy	ystem	Engir	eer		
Supply Pressure A63FTGST 49-48=psid 8 8 Supply Pressure A63FTGST 50-49=psid 20 20	84	Natural Gas Comp. Discharge Press.												515													-	Н
Supply Pressure A63FTGST 50-49=psid 20 20 20 20 20 20 20 20 20 20 20 20 20	49	Double Block and Bleed Pressure	A63FGDT	49-48	=psid		90							570											П			
3.65	20	Fuel Gas Supply Pressure	A63FTGST	50-49	=psid		20			Ш	_			255		-	+									٦	-	-
	_ :																											
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Instrument Air Compressor	0.25	71 72 73
Tank (BVT-013) hourly Tank (BVT-007) hourly Tank (BVT-007) hourly PI-002 psig 90 105 120 TI-001 deg C 20 50 TI-002 deg F 100 110 120 TI-002 deg F 100 110 120 TI-001 LEVEL 1/3 2/3 FULL Max C LI-001 LEVEL 1/3 2/3 FULL FI-002 In WC 60 80 FI-002 In WC 37 50 FI-002 In WC 37 50 FI-002 In WC 85 Or % LEL 0% Norm Max deg F 72 85 Or % LEL 0% 20% In Ves No Norm Max Area If [] 200 575 0.25 In Max If [] 200 575 0.25 In Max II-230 % 70% II-231 % 70%	0.25	
Tank (BVT-007) hourty PI-002 psig 90 105 120 TI-001 deg C 20 50 50 TI-001 deg F 100 110 120 TI-002 deg F 100 110 120 TI-002 deg F 100 110 120 TI-001 LEVEL 1/3 2/3 FULL TI-002 deg F 1/3 2/3 FULL TI-002 In WC 60 80 FI-001 In WC 37 50 FI-002 In WC 37 85 Or	0.25	
PI-002 Pisig 90 105 120 17-001 degC 20 50 50 17-001 degC 20 50 50 17-001 degF 100 110 120 17-002 degF 100 110 120 17-002 degF 100 110 120 17-002 degF 1/3 2/3 FULL 1/0 10 10 10 10 10 10 1	0.25	
T1-001 deg C 20 50	0.25	
Control Cont	0.25	
P1-250 psig 25	0.25	
T1-002 deg F 100 110 120 C L1-001 LEVEL 1/3 2/3 FULL I L001 In WC 60 80 F1-002 In WC 37 50 F1-002 In WC 37 50 F1-002 In WC 37 50 C Geg F 72 85 Or % LEL 0% Norm Max C Geg F 72 85 Or % LEL 0% 20% Operational Not operational Norm FILL 1/2 C C C C C C C C C C C C C C C C C C C	0.25	
Color Colo	0.25	
FI-001 In WC FI-002 In WC FI-002 In WC 37 50 FI-002 In WC 37 50 FI-002 In WC 37 50 FI-002 In WC SO SO SO SO SO SO SO S	0.25	
FI-002 In WC 37 50	0.25	
Comparison	0.25	
Sector monitor	0.25	
State Stat	0.25	
Not operational Not operational Not operational	0.25	
Sion at 6.3MW Yes No 2 Voltage Mode Yes No Produced into the ingle ingle ingle ingle ingless 1/1 / 1 200 575 0.25 In BKR Closes) In BKR Closes) In Included in In	0.25	
Voltage Mode Yes No Troduced into the ingle i	0.25	
broduced into the ling) 200 575 0.25 In BKR Closes) In Closes) In Closes) In Closes) In Closes) In Closes) In Closes) In Closes	0.25	
System Units Low Norm Tank Level LI-231 %	Max 70%	
System Units Low Norm Tank Level LI-231 %	Max 70%	
System //2 Units Low Norm Tank Level LI-231 % ae ain Tank LI-230	Max 70%	
Entronic Control System Units Low Norm Air Diagram 2000 gal Oily Water Tank Level LI-231 % Air Diagram Page LI-230 %	70%	F
Air Diagram 2000 gal Oily Water Tank Level Air Diagram Page 10 gal Gas TG Drain Tank LI-230 %	70%	
Air Diagram Page 10 gal Gas TG Drain Tank LI-230 %		
	20%	
nard S/D		
20 trip over 4500 rpm NL Compressor (on A63GGD psig 35 20 Iline trip) 5T-01		
21 Acknowledge Alarms hourly		
22 Power Management Page As4A-01 Amps 1200	1200	
23 Power Management Page Mw 21	21	
24 B0 % Base Min Load		
25 Running Hours/ Unit Overview Page		
26 Ambient Temperature T1		
27 Gas Fuel System/Waste Qil Tank L1-120 % A 70%	20%	
DATE H-15-15 SIGNATURE WILLIAM		

CGTG TURBINE UTILITIES AND INFRASTRUCTURE

3	COLO IONDINE CINETIES AND INTEGRAL OF				4	ŀ	-	ŀ	ŀ	-	ŀ	ł		H	H	ŀ		H	H	H	ŀ	H	ŀ		
20 N	20 Natural Gas Compressor		Units Lo	Low Norm		Max 1	7	3 4	S	9	7	න ග	10	11	12 13	14	15	16	17 18	119	707	77 77	23	47	
21 6	21 GAS COMPRESSOR START TIME	1101																			_				
24 C	24 Combustible Gas Detector	103	%	%	Н	%07								ι								4			
25 P	25 Packing Lube Oll Flow Indicator Left Side	FSL-1501B	LIGHT	BEI	BLINK									8					_			-			
76	Liquid Level Coalescing	U-7721	TIQID	EM	EMPTY A!	ANA								E											
27 C	Crankcase Bulls eye	LC-1574	LEVEL 1	1/4 1,	1/2 FU	FULL								14											
28 (Oil Day Tank Level	LI-1562	11 1	10	2	FULL						_		04								H	Ц		
767 7	29 lubricator Bulls eye			1/2 FULL	H									Ľ.								-			
30	1st Stage Scrubber Liquid Level	LI-7416	noid	EM	EMPTY A	ANY								Ų					-						
31 2	2nd Stage Scrubber Liquid Level	LI-7466	LIQID	EM	EMPTY A!	ANY								هر					-			-			
32 F	Packing Lube Oll Flow Indicator Right Side	FSL-1501A	LIGHT	18	BLINK																				
33 1	1st Stage Inlet Press.	PI-2100	psig	8	Н	140		-			-														
34 8	34 Stage Disch. Press	PI-2101	psig	2	238 21	285									_				_						
35 2	35 2nd Stage Inlet Press	PI-2200	psig	76	267 28	285												_							
36	36 2nd Stage Disch. Press	PI-2201	Bisa	25	575 6	009																			
37 F	37 Final Discharge Pressure	PI-2108	psig	5.	575 6	009																			
38 L	38 Lube Oil Pressure	PI-1572	psig 4	40 6	9						-														
39 1	39 Lube Oil Temp	TE-1584	deg	16	150 1	170																			
40 F	40 Final Discharge Temp	TE-2120	deg	1.	110 1	150													+	Ц					
41 1	41 1st Stage Cylinder Disch. Temperature A	TE-2054 A	deg	2.	226 2	297																			
42 2	42 2ndStage Cylinder Disch. Temperature A	TE-2062 A	deg	2	258 2	283																			
43 1	43 1st Stage Cylinder Disch. Temperature B	TE-2054 B	deg	2.	226 2	297													-				4		
44 2	44 2 nd Stage Cylinder Disch. Temperature B	TE-2062 B	deg	2:	258 2	283										Н			-						
45 N	45 Motor Frame Vibration	VT-1015	IPS		О.	0.15			_			-											_		
46 C	46 Compresser Frame Vibration	VT-1512	IPS	_	0.	0.35			_						Н							-	_		
47	47 Take Once per Shift / at Full Load		psig	2	Max psid		en the	When the differential	ntial pr	pressure exceeds Max psid the filter should be changed out. Notify System Engineer	excee	ds Ma:	x psid t	the filt	er shou	ld be	change	d out.	Notify	Syste	m Engir	eer			
48 N	48 Natural Gas Comp. Discharge Press.																					-	_		
49 E	49 Double Block and Bleed Pressure	A63FGDT	49-48=psid	pis		8						-											-		
50	50 Fuel Gas Supply Pressure	A63FTGST	50-49=psid	pis	7	20			Н							-				_		-	4		
1	300 30 300												1												
SIGN	TURE																								
Mid Shift	Shift , , ,																								
Days	Days Shift (1) Wall																								
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S	CGTG TURBINE UTILITIES AND INFRASTRUCTURE	ASTRUCTU	RE					CGTG	CGTG GAS TURBINE	TURBIN		Hour Beginnning	eginn	ning		MS	T/MD	MST/MDT (circle one)	e one					1	- 1	
	Instrument Air Compressor		Units	Low	Low Norm	Мах	1 2	m	4	5 6	7	00	6	10 7	41 12	13	7	15 16	6 17	18	19	20	21 2	22 23	3 24	_
1	NOTE Blowdown Dry Receiver Tank	(BVT-013) hourly	hourly									\	1	1	1										_	
7	NOTE Blowdown Wet Receiver Tank	(BVT-007) hourly	hourly				_					/	>		/								-		-	
٣	Wet Reciever Air Pressure	PI-002	psig	90	105	120						901	106 102 104	04 K	501 105	ſ							1	_	-	
4	Instrument Temperature	TI-001	deg C		70	20						25	25 23 23 23	232	3 23								-	-	_	
5	Fin Fan Cooler		Units	Low	Norm	Max																				
ເດ	Coolant Pressure	PI-250	psig		25		1	-	7	_	_	19.0	JO	100	MONORION CHO	-	-				_	_	-			
7	Coolant PLC Temperature	TI-002	deg F	100	110	120						98	98 102 100 los	8	10/5			=					\forall	+	\dashv	Т
ന		LI-001	LEVEL	1/3	2/3	FULL						14	Z,	r sh	7			+	+	_			+		+	
6	Coolant Return Differential from GG	FI-001	In WC		9	80						60	09	8	COGO 60 60 60				-	_			1		+	
10	10 Coolant Return Differential from	FI-002	In WC		37	50						35	31.7	200	12	(-				-	-	4	T
11	11 Control Room		Units	Low	Norm	Max																Ì		+	-	
12	12 Room Temperature		deg F		7.5	85						5	5767676767	37 6	2/2									-	-	
13	13 Combustible Gas Detector monitor		% LEL		%0	70%						0	6	0	٥									+	+	1
15	15 WECC Log		operational			Not operational																				
16	1	1520	Yes			No						7	1												-	П
17	Operation of the AVR Voltage Mode @13.6 KV		Yes			No No	_					7	\												_	
18	Time gas was first introduced into the Turbine (Turbine Rolling)	0643		200	575		-											4.1	hrs							
19	19 Turbine on line. (When BKR Closes)	0755											T						-	\vdash					H	П
20	20 Turbine off line. (When BKR Opens)	158											Ī												H	П
21	21 Time of No Gas Flow	1204																							\exists	
22	22 Entronic Control System		Units	Low	Low Norm	Max														-				1	ŀ	
18	Air Diagram 2000 gal Oily Water Tank Level		%			20%						17	1 11 71	717	7 7											
19		965	%			20%						0	0	<u>۵</u>	0										_	
	IV yal Gas I'G Drain Tank	LI-230					t	-		+	+				+			t	t	+	ļ	I	t	╁	╁	T
20	Air Diagram Page/Record on hard S/D trip over 4500 rpm NL Compressor (on line trip)	A63GGD 5T-01	psig	35	20																					
71	21 Acknowledge Alarms hourly							2				>	7	7	>	_		1	+	+	4		7	+	+	Т
22	Power Management Page Generator Current	A54A-01	Amps			1200						S	102	96	97 1879 PER 970	0										
23	Power Management Page Mw Output		ΜW			21						25	75	22	25 22 22 22											
24	Power Management Page 80 % Base Min Load											20,4	5.07	2500	20,4 20.3 past 20.1 20											
25	25 Running Hours/ Unit Overview Page											D-1/67	¥	2466	145 246 346 200 364	4				+			T		+	
76	26 Ambient Temperature	댜						-			-	40	8	15.	4019 45 44 475	k;				+	-			+	+	
27	Gas Fuel System/Waste Oil Tank	LI-120	%	0	9	70%						5	9	2	576 56 56 50 50	0				-					\dashv	
DATE	TF 4-110-1K	SIGNATURE	RE M	11.0	i. W																					

CGTG TURBINE UTILITIES AND INFRASTRUCTURE

Continues Both Straff Time	Third	AAH-303 % AAH-303 % LI-7721 LIQID LC-1574 LEVEL 1/4 LI-1562 GAL 1/0 LI-7416 LIQID LI-7466 LIQID			-	H							Γ
Comparison Com	Charles Solve Charles	26 FSI-1501B LIGHT LI-7721 LIQID LI-1562 GAL 10 LI-1562 GAL 10 LI-7416 LIQID LI-7466 LIQID	0% 20% BLINK EMPTY ANY										
Address Contract of the co	Action Control Contr	AAH-303 % ESL-1501B LIGHT LI-7721 LIQID LC-1574 LEVEL 1/4 LI-1562 GAL 10 LT-1562 LEVEL 1/2 LI-7466 LIQID LI-7466 LIQID	0% 20% BLINK EMPTY ANY										T
close guite of life of modernor Left Side 151-15012 LIGHT BINM NA PS	close tube of live widestor Left Side 151-15012 LIGHT BINK N C	FSL-1501B LIGHT L1-7721 LIQID LC-1574 LEVEL 1/4 L1-1562 GAL 10 L1-7416 LIQID L1-7466 LIQID	BLINK EMPTY ANY			1	1						
14-721 1	1-721 1-72	L1-7721 LIQID LC-1574 LEVEL 1/4 L1-1562 GAL 10 L1-7416 LIQID L1-7466 LIQID L	MPTY ANY			6 6	R B						
Color Colo	No. 1.55	1C-1574 LEVEL 1/4	4 /2			7 3	河河						
1.1562 CAL 1.0 FULL 1.0 March level 1.1562 CAL 1.0 March level 1.1562 CAL 1.0 March level 1.1562 LIQID EMPTY ANY C C C C C C C C C	1-1562 CAL 1.0 FULL 1	1-1562 GAL 10 LEVEL 1/2 L-7416 LIQID 1/7466 LIQID	1/2 1/1			7.	/u						
1.7466 1.4766 1	Activation balks even Li-7466 LiQ10 EMPTY ANY LiQ10 EMPTY ANY LiQ10 EMPTY ANY LiQ10 EMPTY ANY LiQ10 EMPTY ANY LiQ10 EMPTY ANY LiQ10 Li	LI-7416 LIQID 11-7466 LIQID	Г			10 40	OH OH						
1.7416 Light Level Light Lig	1.7416 1.00 EMPTY ANY ANY E E E E E E E E E	LI-7416	FULL			T T	14.						٦
Stage Scrubber Uguid Level 11-7466 11Q1D EMPTY ANY	Stage Strubber Liquid Level Li-7466 LiQID EMPTY ANY R E E E E E E E E E	I LI-7466 LIQID	EMPTY ANY				ıg						
Stage liket Press. Pt.2100 psig SS 140 Pt.2100 psig SS 140 Pt.2100 psig SS 140 Pt.2100 psig SS 140 Pt.2100 psig SS 140 Pt.2100 psig SS SS SS SS SS SS SS	Stage linet Press. Pt-2100 psig 88 140 Pt-2100 psig 88 140 Pt-2100 psig 88 140 Pt-2100 psig 88 140 Pt-2100 psig Pt-2100 psig 267 285 Pt-2100 psig 267 285 Pt-2100 psig 267 285 Pt-2100 psig 267 285 Pt-2100 psig 267 285 Pt-2100 psig 275 600 Pt-2100 psig 275 600 Pt-2100 psig 275 600 Pt-2100 psig 275 280 Pt-2100 psig 275 280 Pt-2100 psig 275 280 Pt-2100 psig 275 280 Pt-2100 psig 275 280 Pt-2100 psig 275 280 Pt-2100 psig 275 280 Pt-2100 psig 275 280 Pt-2100 psig 275 280 Pt-2100 psig 275 280 Pt-2100 psig 275 280 Pt-2100 psig 275 280 Pt-2100 psig 275 280 Pt-2100 psig 275 280 Pt-2100 psig 275 280 Pt-2100 psig 275 27		EMPTY ANY				Щ						П
Stage Inlet Press Pt-2101 psig 253 255 256 257	Stage Inlet Press Pr.2100 Psig 288 249	FSL-1501A LIGHT	BLINK				0						
Stage Disch. Press Pi-2101 Psig 238 285	Stage Disch. Press Pt-2101 Psig 238 285	PI-2100 psig	-			15/10	いけい						
Stage Inter Press Pi-2201 Pisig S75 600 CFF CF	Stage Disch. Press Pi-2200 psig 267 285	PI-2101 psig				City (17)	239239						
Stage Disch Pressure P1-2201 psig 575 600	Stage Disch Pressure P1-2201 psig 575 600 P3-250 P	PI-2200 psig	-			6 35 O.2R	123 Lex.						
Pi-2108 Pissure Pi-2108 Pis Pi-25 Pis Pis Pi-25 Pis Pi-25 Pis Pi-25 Pis Pi-25 Pis Pi-25 Pis Pi-25 Pis Pi-25 Pis Pi-25 Pis Pi-25 Pis Pi-25 Pis Pi-25 Pis Pi-25 Pis Pi-25 Pis Pi-25 Pis Pi-25 Pis Pi-25 Pis Pi-25 Pis Pi-25 Pis Pi	Pi-2108 Pi-2	PI-2201 psig	S			65-4532	15 X						
Peressure Pi-1572 Pig 40 60	150 150	PI-2108 psig	2			術の	よれてた						
TE-1584 deg 150 170 170 170 171	TE-1584 deg 150 170	PI-1572 psig 40	09			58 58	54 58						
Stage Cylinder Disch. Temperature A TE-2054 deg 226 297 14 \$ 34 \$ 20 21 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Stage Cylinder Disch. Temperature A TE-2054 A deg 226 297 24 8 24 220 248 258 288 288 24 220 248 24 220 248 24 220 248 24 220 248 24 220 248 24 220 248 24 22 24 22 24 22 24 24 22 24 22 24 24	TE-1584 deg	-			וזמ סבו	16						Ī
Stage Cylinder Disch. Temperature A TE-2054 A deg 226 297 16 2/17 2/19 2/19 2/19 2/19 2/19 2/19 2/19 2/19	Stage Cylinder Disch. Temperature A TE-2054 deg 226 297 297 24 20 20 20 20 20 20 20 20 20 20 20 20 20	TE-2120 deg	-			7779	8483						
Stage Cylinder Disch. Temperature A TE-2062 A deg 258 283 283 216 217 225 217 217 225 28 218 218 28 218 218 28 218 218 28 218 218 28 218 218 28 218 218 218 </td <td>Stage Cylinder Disch. Temperature A TE-2062 A deg 258 283 283 216 217 227 223 215 217 212 217 217 217 217 217</td> <td>TE-2054 A deg</td> <td>-</td> <td></td> <td></td> <td>218 24</td> <td>270218</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Stage Cylinder Disch. Temperature A TE-2062 A deg 258 283 283 216 217 227 223 215 217 212 217 217 217 217 217	TE-2054 A deg	-			218 24	270218						
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Unble Block and Bleed Pressure A63FGDT 49-48=psid 8 524 570 6 Isol Gas Supply Pressure A63FTGST 50-49=psid 20 511 561 6 Introduction 4-16-15 C202- Report Low Struck Approval 53 H to Affer Approval Approval	AG3FGDT 49-48=psid 8	SS.				330	525						
		A63FGDT	00			MS.	520						
4-16-15 TURE 1908+ Jew 545 contlet protote 1	4-16-15 TUNE AINT 199 PONT 10 23 MW ASSE APPROVAL	A63FTGST	20			115	1999						
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M Pand,	M Pand 10 23 HW After Approval	TURE		8			< A5	1 1 1 to	Drossal	1	R. C. C	VACA.	
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	AirC		Units	Low Norm	Nor	Max	1 2	2 3	4	2	9	7	8	9 10	0 11	12	13	14	15	16		18 1	19 20	0 21	22	23	24	
1 NO	NOTE Blowdown Dry Receiver Tank	(BVT-013) hourly	hourly					-				-	-	1	-	-			-	-	-			-	L			1,00
2 NO	NOTE Blowdown Wet Receiver Tank	(BVT-007) hourly	hourly																			Н						-
3 W	Wet Reciever Air Pressure	PI-002	psig	90	105	120																	_					_
4 Ins		TI-001	deg C		20	20																						
5	Fin Fan Cooler		Units	Low	Norm	1 Max																						_
9	Coolant Pressure	PI-250	psig		22		'	1 1	_	_	_	/	/	_	1	1	1	1	f	1	1	1	1	>	-	-	-	
7 Coc	Coolant PLC Temperature	TI-002	deg F	100	110	120																		-				
8 Sig	Sight glass Level Expansion Tank	LI-001	LEVEL	1/3	2/3	FULL																		_				
ن	Coolant Return Differential from GG	FI-001	In WC		9	80																						
10 Co	10 Coolant Return Differential from	FI-002	In WC		37	20																H			_	Ш		1
11 <mark>C</mark>	Control Room		Units	Low	Norm	Max					1												3					_
12 Ro	12 Room Temperature		deg F		72	85								Н														
13 Co	13 Combustible Gas Detector monitor		% LEL		%	70%																						
15 W	15 WECC Log		operational			Not operational																		_				
16 Op	16 Operation of the PSS/on at 6.3MW		Yes			No																	-	\dashv				_
17 @ @	Operation of the AVR Voltage Mode @13.6 KV		Yes			No.																	-					
18 Tur	Time gas was first introduced into the Turbine (Turbine Rolling)			200	575																							
19 Tur	19 Turbine on line. (When BKR Closes)						0	$0.0 \mathrm{hrs}$	S													П						_
20 Tur	20 Turbine off line. (When BKR Opens)																					1	_	+	Ц			-
21 Tin	21 Time of No Gas Flow																						-	-	=			_
22 En	Entronic Control System		Units	Low	Low Norm	n Max								H									ŀ	-	-			_
18 200	2000 gal Oily Water Tank Level	11-231	%			20%								-														
19 Air	Air Diagram Page	000	%			20%																			_			
2	10 gal Gas IG Drain Lank	LI-230						1	-			+	+	+	+	1		1		I		t	+	+	+	1	1	-
20 trip	Air Diagram Page/Record on hard S/D trip over 4500 rpm NL Compressor (on ST-01	A63GGD 5T-01	gisd	35	20				2																			
21 Ac	21 Acknowledge Alarms hourly																					1	1	+	_		_	-
22 Po	Power Management Page Generator Current	A54A-01	Amps			1200																						
23 Por	Power Management Page Mw Output		Mw			21																						
24 Po	Power Management Page 80 % Base Min Load																											
25 Ru	25 Running Hours/ Unit Overview Page														\dashv								-	+	_	4		
26 Am	Ambient Temperature	11							-	Ţ			-	-		_							1	+	+	4	4	- 1
27 Ga	Gas Fuel System/Waste Oil Tank	LI-120	%			20%																			-	4	_	- 1
DATE	5-14-15	SIGNATURE	6.6	hoste ome	*																							

2.0 Natural road Compressor Owners 2.1 GASS COMPRESSOR START TIME AAH-303 % 2.4 Combustible Gas Detector AAH-303 % 2.5 Packing Lube Oil Flow Indicator Left Side FSL-1501B LIGHT 2.6 Liquid Level Coalescing LI-7721 LIQID 2.7 Crankcase Bulls eye LC-1574 LEVEL 1/4 2.8 Oil Day Tank Level LI-1562 GAL 10 2.9 Lubricator Bulls eye LI-7721 LIQID 1/2 3.0 Last Stage Scrubber Liquid Level LI-7466 LIQID 1/2 3.1 Zha Stage Scrubber Liquid Level LI-7466 LIQID 1/2 3.2 Packing Lube Oil Flow Indicator Right Side FSL-1501A LIGHT 1/6HT 3.3 Packing Lube Oil Flow Indicator Right Side FSL-1501A LIGHT 1/2 3.4 Stage Inlett Press. PI-2101 psig 1/2 3.5 2nd Stanta Inlet Press PI-2101 psig	0% 0% BLINK 1/2 1/2 FULL EMPTY	ANY ANY ANY ANY ANY ANY ANY ANY ANY ANY	n	n t	0	0					2				-	N
AAH-303 %	0% BBLINK 1/2 1/2 FULL EMPTY EMPTY EMPTY BLINK 88 238 267 575	20% 20% 20% 20% 20% 20% 20% 20% 20% 20%				+	3	77	7	CT BT	+	77	2	77	77	3
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FSL-15018 LIGHT L1-7721 LIQID L1-7721 LIQID L1-1562 GAL L1-1562 GAL L1-7416 LIQID L1-7466 LIQID	BLINK 1/2 1/2 FULL EMPTY EMPTY EMPTY BLINK 88 238 267 575	ANY CULL CULL CULL CULL CULL CULL CULL CUL														
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Crankcase Bulls eye IC-1574 LEVEL Oil Day Tank Level 11-1562 GAL Lubricator Bulls eye 11-1562 GAL 1st Stage Scrubber Liquid Level 11-7416 LIQID 2nd Stage Scrubber Liquid Level 11-7466 LIQID Packing Lube Oil Flow Indicator Right Side FSL-1501A LIGHT 1st Stage Inlet Press PI-2100 psig Stage Disch. Press PI-2101 psig Stage Disch. Press PI-2101 psig Stage Disch. Press PI-2101 psig	1/2 FULL EMPTY EMPTY EMPTY BLINK 88 238 267 267	- UIL - UIL														
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1st Stage Scrubber Liquid Level 1L-7416 2nd Stage Scrubber Liquid Level 1L-7466 Packing Lube Oil Flow Indicator Right Side FSL-1501A 1st Stage Inlet Press. PI-2101 Stage Disch. Press PI-2101 Stage Disch. Press PI-2101		ANY ANY 140 285 285														
2nd Stage Scrubber Liquid Level 11-7466 Packing Lube Oil Flow Indicator Right Side FSL-1501A 1st Stage Inlet Press. PI-2101 PI		ANY 140 285 285								_						
Packing Lube Oif Flow Indicator Right Side FSL-1501A 1 ³¹ Stage Inlet Press. PI-2101 Stage Disch. Press PI-2101 2nd Stane Inlet Press PI-2101		140 285 285								-						
PI-2100 PI-2101 PI-2200		285 285														
PI-2101		285 285														
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2011	-	500										_				
s PI-2201		3														
37 Final Discharge Pressure PI-2108 psig	575	909														
38 Lube Oil Pressure pi-1572 psig 40	09															
39 Lube Oil Temp TE-1584 deg	150	170								_						
TE-2120	110	150														
TE-2054 A	526	297														
42 2 nd Stage Cylinder Disch. Temperature A TE-2062 A deg	258	283														
TE-2054 B	977	297														
44 2nd Stage Cylinder Disch. Temperature B TE-2062 B deg	258	283														
VT-1015	_	0.15														
46 Compresser Frame Vibration VT-1512 IPS		0.35))			
47 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	ential pr	essure ex	ceeds Ma	ax psid t	he fiiter	phoods	be char	ged ou	t. Notify	/ System	i Engine	er	
48 Natural Gas Comp.Discharge Press.										=						
49 Double Block and Bleed Pressure A63FGDT 49-48=psid	_	∞														
50 Fuel Gas Supply Pressure A63FTGST 50-49=psid		20														
DATE 5-14.15																
Į																
Mid Shift																
Days Shift																

CGT	CGTG TURBINE UTILITIES AND INFRASTRUCTURE	STRUCTU	RE					٥	CGTG GAS TURBINE	AS TU	RBINE		Hour Beginnning	eginn	Buin		2	ASTA	ADJICA	MST MDD (circle one)	one)							
	Instrument Air Compressor		Units	Low	Low Norm	n Max	1	7	3 6	4 5	9	1	00	6	10 1	11 1	12 13	3 14	15	16	17	18	19	20	21	22	23	24
1		(BVT-013) hourly	hourly							-																		
2	NOTE Blowdown Wet Receiver Tank	(BVT-007) hourly	hourly																								П	
ĸ	Wet Reciever Air Pressure	PI-002	psig	90	105																							
4	Instrument Temperature	TI-001	deg C		20	20																						
S	Fin Fan Cooler		Units	Low	Norm	n Max																						
9		PI-250	psig				1	-	,	1	-	1	-	_	_				_	_	_	-	-	-,	_	_	_	
7 (Coolant PLC Temperature	TI-002	deg F	100	110	120																						
∞	Sight glass Level Expansion Tank	LI-001	LEVEL	1/3	2/3	FULL																						
0	Coolant Return Differential from GG	FI-001	In WC		9	80																						
10	10 Coolant Return Differential from	FI-002	In WC		37	20																						
11	Control Room		Units	Low	Norm																							
12	12 Room Temperature		deg F		72	82												+								T	٦	П
13 (13 Combustible Gas Detector monitor		% LEL		%	70%																						
15	15 WECC Log		operational			Not operational	le																				ī	
16	_		Yes			S				\dashv						\dashv	\dashv											Т
17	Operation of the AVR Voltage Mode @13.6 KV		Yes			N N																						
18	Time gas was first introduced into the Turbine (Turbine Rolling)			200	575							6240				1.5 hrs	Ş											
19	19 Turbine on line. (When BKR Closes)															H												
20	20 Turbine off line. (When BKR Opens)																											
21										_				803														
22			Units	Low	Low Norm	Max				-						-	-	-			1					Ì		
18	2000 gal Oily Water Tank Level	LI-231	%			20%																						
19			%			70%	1				_																	
-	10 gal Gas TG Drain Tank	LI-230							+	+	_				+	+	-	+	+	4						1	T	T
20 1	Air Diagram Page/Record on hard S/D trip over 4500 rpm NL Compressor (on line trip)	A63GGD 5T-01	psig	35	70																							
21 /	Acknowledge Alarms hourly																											
22	Power Management Page Generator Current	A54A-01	Amps			1200																						
23	Power Management Page Mw Output		Mw			21																						
24	Power Management Page 80 % Base Min Load																											
25	25 Running Hours/ Unit Overview Page									+						+	-	+	-	4	1							
797	Ambient Temperature	11								-						+				-	-		_					Т
27	27 Gas Fuel System/Waste Oil Tank	LI-120	%	j		20%				_								_				_						
DATE	IE 6-11-15	SIGNATURE	RE /	Y	Û	N														5								

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CGTG TURBINE	SINE UTILITIES AND INFRASTRUCTURE	STRUCTL	IRE					CGTG	GAS	CGTG GAS TURBINE	삘	Hour	Hour Beginnning	nunin	PAT		MST	/MD	7 (circ	MST/MDT (circle one)	(e)						
Instrum	Air		Units	Low Norm	PLO	Max	1 2		4	5	6 7		6	10	11	12	13	14	15	16		18 1	19 2	20 21	1 22	23	24
1 NOTE	NOTE Blowdown Dry Receiver Tank	(BVT-013) hourly) hourly																					H			L
2 NOTE B	Blowdown Wet Receiver Tank (BVT-007) hourly	(BVT-007	hourly								-	L							T			H	H	H	F	L	L
3 Wet Re	Wet Reciever Air Pressure	PI-002	psig	90	105	120																H		-			
4 Instrum	oerature	TI-001	deg C		20	20																					
5 Fin Fan	Fin Fan Cooler		Units	Low Norm	orm	Max																					
6 Coolant I	Coolant Pressure	PI-250	psig		25		1 1	1	1	_	1	_	_	-	/	/	_	_	_	_	_			1	_	_	_
7 Coolant	Coolant PLC Temperature	TI-002	deg F	100	110	120																		_			
8 Sight gla	Sight glass Level Expansion Tank	100-11	LEVEL	1/3	2/3	FULL																	-	_			
9 Coolan	99	FI-001	In WC		9	80																	_	_			
10 Coolant I	Coolant Return Differential from	FI-002	In WC		37	20																					
11 Control Room	Room		Units	Low Norm	D.O.	Max																					
12 Room Temperature	emperature		deg F		72	82																					
13 Combust	Combustible Gas Detector monitor		% LEL		%0	70%																		_			
15 WECC Log	Log		operational		Ź	Not operational											11								_		
16 Operation	Operation of the PSS/on at 6.3MW		Yes			No												=									
17 Operation @13.6 KV	Operation of the AVR Voltage Mode @13.6 KV		Yes			No																					
18 Turbine Case	Time gas was first introduced into the Turbine (Turbine Rolling)	1335		200	575		_	1										13									_
19 Turbine o	19 Turbine on line. (When BKR Closes)	1422										-										l	H	-			L
20 Turbine o	20 Turbine off line. (When BKR Opens)	1435																									
21 Time of No Gas Flow	No Gas Flow	1440																									
22 Entroni	Entronic Control System		Units	Low Norm	Orm	Max																			-		
18 2000 gal Oily	Air Diagram 2000 gal Oily Water Tank Level	11-231	%			20%																					
19 Air Diag		LI-230	%			70%																					
Air Diagr	Air Diagram Page/Record on hard S/D	2000	biog	ű	5				3	4	\																
	4500 Iprii N. Compressor (on	5T-01		_	3				7	E. C.	75														_	_	
21 Acknowl	Acknowledge Alarms hourly								•	É	-	2											+	-	-		
22 Power M	Power Management Page Generator Current	A54A-01	Amps			1200				X	20°			Ş		-											
23 Power Man	Power Management Page Mw Output		Μ×			21					><	ĕ	3														
24 Power IV 80 % Bas	Power Management Page 80 % Base Min Load										-	<u></u>															
25 Running	25 Running Hours/ Unit Overview Page	247			\parallel		\parallel				Н		Н	Ц					П	П	H			H	Н	H	Н
26 Ambient	26 Ambient Temperature	Ҵ									\dashv												7		+	-	4
27 Gas Fuel	27 Gas Fuel System/Waste Oil Tank	LI-120	%			%02																					_
DATEO	5-2015	SIGNATURE	JRE KANASA	330	1																	*1					

22 23 24 Max psid When the differential pressure exceeds Max psid the filter should be changed out. Notify System Engineer 8 9 10 11 12 13 14 15 16 17 18 19 20 21 m 7 Units Low Norm Max 0.15 FULL 285 285 170 150 283 0.35 20% EMPTY ANY 1/4 1/2 FULL 140 909 EMPTY ANY EMPTY ANY ∞ 2 0% BLINK BLINK 238 267 575 575 60 60 110 110 226 228 228 228 228 228 88 49-48=psid 50-49=psid 5 LIGHT psig deg deg deg psig psig psig psig AAH-303 % FSL-1501B LIGHT deg deg psig IPS **UTILITIES AND INFRASTRUCTURE** FSL-1501A TE-2054 A TE-2054 B TE-2062 B A63FTGST A63FGDT TE-2062 A 1320 TE-1584 VT-1015 VT-1512 LC-1574 PI-2100 PI-2200 PI-2201 TE-2120 LI-7466 PI-2108 PI-1572 PI-2101 11-7721 42 2ndStage Cylinder Disch. Temperature A 43 1st Stage Cylinder Disch. Temperature B 44 2nd Stage Cylinder Disch. Temperature B 41 1st Stage Cylinder Disch. Temperature A 20 Natural Gas Compressor
21 GAS COMPRESSOR START TIME
24 Combustble Gas Detector
25 Packing Lube Oil Flow Indicator Left Side
26 Liquid Level Coalescing
27 Crankcase Bults eye
28 Oil Day Tank Level
29 Lubricator Bulls eye
30 1st Stage Scrubber Liquid Level
30 1st Stage Scrubber Liquid Level
31 Znd Stage Scrubber Liquid Level 32 Packing Lube Oil Flow Indicator Right Side 48 Natural Gas Comp.Discharge Press. 49 Double Block and Bleed Pressure 47 Take Once per Shift / at Full Load SIGNATURE (Cames Class) FOR TROOP 46 Compresser Frame Vibration 33 1^{rs} Stage Inlet Press.
34 Stage Disch. Press
35 2nd Stage Inlet Press
36 2nd Stage Disch. Press
37 Final Discharge Pressure
38 Lube Oil Pressure
39 Lube Oil Temp
40 Final Discharge Temp 50 Fuel Gas Supply Pressure 45 Motor Frame Vibration **CGTG TURBINE** Days Shift Mid Shift NOTES

ATTACHMENT A1307.E.

TA-03 Power Plant

FGR Fan Inspection and Maintenance

Facility: F08 Unit: 030022 Proj:

Task Title: PP 1M TA3-22 VID/VFD/FGR FILTERS

W/O Type: PM W/O Group: UTIL

Task Priority: 4

Planner: 170621

SANCHEZ

K F

W/O Title: PP 1M TA3-22 VID/VFD/FGR FILTERS

Written To: TA03-0022 VARIABLE FREQUENCY DRIVES VID/

Task Dspln:

Due Date: 03/31/2015



Hazard: MODERATE

IWD Regmt: TASK SPECIFC

NATIONAL LARGRATORY - 131 1441 -

Work Order Task

00509977 01

MASTER

Date: 01/14/2015

Page:

1

Work Order Task Written To

Facility : F08

Unit

: 030022

Op Sys :

Room : Area :

Sys/Cls:

Equipment : Location :

Job Type :

Component:

Tag 1 : Work Item : SM22VID

Tag 2 :

Ops Review Regd:

Authorization

Start Permission

Complete Notice

Start Date: Complete Date:

* 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 Task Instructions

CRAFT: UICS ELECTRICIANS

FURTHER INSTRUCTIONS/DETAILS

LOTO OF EACH UNIT TO CLEAN INTERNALLY THE INSIDE OF EACH VFD PANEL.

TASK IS TO BE DONE THE USE OF COMPRESSED AIR AND A VACUUM CLEANER. REMOVE

ALL DUST AND DEBRIS FROM THE ENCLOSURES.

QC Requirements/Comments

Facility: F08 Unit: Task Title: PP 1M TA3 W/O Type: PM W/O Gro Planner: 170621 W/O Title: PP 1M TA3 Written To: TA03-0022 Task Dspln:	-22 VID/VFD/FGR F TUP: UTIL T SANCHEZ -22 VID/VFD/FGR E VARIABLE FREQUEN	Task Priority: 4 K F TILTERS	Wo	OS Alamos ATIONAL LANGRATORY LILING
Hazard: MODERATE	IWD Reqmt: TAS	K SPECIFC	Da	MASTER te: 01/14/2015 tge: 2
Rework Reason/Cause CDSG CUSTOMER DESIGN IMCW IMPROPER CONSTRUINDN IMPROPER DESIGN PDMS PARTS/MATERIAL INTERPORENT PARTS/MATERIA	OID NOT MEET SPEC		(Y/N)	
Rework/Approval Deficiency Tag No.: ReWork Job : 1				Tag Removed:
Trouble Found/Work Per	1	Demous	2000	
Continued on Additiona	al Sheets? :	r ^{es}		
Work Delay Reason A ACCESS Date: EQPT EQUIPMENT Date: MISC MISCELLANEOUS Date: OPS OPERATIONS Date: P POOR PLANNING Date: S SAFETY Date:	Hours: Ho	Crew: Crew:	Shift: Shift: Shift: Shift: Shift:	

Facility: F08 Unit: 030022 Proj: Task Title: PF 1M TA3-22 VID/VFD/FGR FILTERS	A
W/O Type: PM W/O Group: UTIL Task Priority: 4 Planner: 170621 SANCHEZ K F W/O Title: PP 1M TA3-22 VID/VFD/FGR FILTERS Written To: TA03-0022 VARIABLE FREQUENCY DRIVES VID/	LOS Alamos NATIONAL LABORATORY
Task Dspln: Due Date: 03/31/2015	Work Order Task
	00509977 01
	MASTER
Hazard: MODERATE IWD Reqmt: TASK SPECIFC	Date: 01/14/2015 Page: 3
SCH SCHEDULING Date: Hours: Crew:	Shift:
T TRAVEL Date: Hours: Crew: WWEATHER	Shift:
Date: Hours: Crew:	Shift:
Major Failure/Action Taken	1
Major Failure : Deficiency Tag Loc: Deficiency Tag No.: Limit	Action Taken : Removed (Y/N): ed Cond Operation:
Work Completion Signatures	
Function/Dept. Output	3.as-(5
Comments: Newe (rework?) No	
Equipment List Exceptions	
Equip List Rev Equip List Description SM22VID 000 TA03-0022 VARIABLE FREQUENCY DRIVES VI Fac Unit Op Sys Division Ar F08 030022 BL1 B1BSWT Equipment: FAN FGR-001 Name : FAN, FLUE GAS RECIRCULATING	D/VFD/FGR ea System Class U ML4
Equip Tag: Loc Desc: 03-0022	
Exception Reason:	

Facility: F08 Unit: 030022 Proj: Task Title: PP 1M TA3-22 VID/VFD/FGR FILTERS W/O Type: PM W/O Group: UTIL Task Priority: 4 NATIONAL LABORATORY K F Planner: 170621 SANCHEZ -- 137,1441 ----W/O Title: PP 1M TA3-22 VID/VFD/FGR FILTERS Written To: TA03-0022 VARIABLE FREQUENCY DRIVES VID/ Task Dspln: Work Order Task Due Date: 03/31/2015 00509977 01 MASTER Date: 01/14/2015 Hazard: MODERATE IWD Reqmt: TASK SPECIFC Page: 4 Fac Unit Op Sys Division Area System Class F08 030022 BL1 B1MNSO IJ ML4 Equipment: FAN VID-001 Name : VARIABLE FREQUENCY DRIVE Equip Taq: Loc Desc : 03-0022 ID FAN #1 Exception Reason: Fac Unit Op Sys Division Area System Class F08 030022 BL2 B2B\$NO U ML4Equipment: FAN FGR-002 Name : FLUE GAS RECIRCULATING FAN Equip Tag: Loc Desc: 03-0022 Exception Reason: Fac Unit Op Sys Division System Class Area F08 030022 BL2 [] B2BSSE MT₄ Equipment: FAN VFD-002 : VARIABLE FREQUENCY DRIVE Name Equip Tag: Loc Desc: 03-0022 FD FAN #2

Area System Class

11

ML4

Exception Reason:

Fac Unit Op Sys Division

F08 030022 BL2 B2MNSO
Equipment: FAN VID-002
: VARIABLE FREQUENCY DRIVE

Equip Tag:

Name

Loc Desc: 03-0022 ID FAN #2

Exception Reason:

Facility: F08 Unit: 030022 Proj:

Task Title: PP 1M TA3-22 VID/VFD/FGR FILTERS

W/O Type: PM W/O Group: UTIL Task Priority: 4

Planner: 170621 SANCHEZ

K F

W/O Title: PP 1M TA3-22 VID/VFD/FGR FILTERS

Written To: TA03-0022 VARIABLE FREQUENCY DRIVES VID/

Task Dspln:

Due Date: 03/31/2015





Work Order Task

00509977 01

MASTER

Date: 01/14/2015

Page:

Area System Class

U

5

Hazard: MODERATE IWD Reqmt: TASK SPECIFC

Fac Unit Op Sys Division

F08 030022 BL3

B3BSNO

Equipment: FAN FGR-003

U

Area

System Class ML4

ML4

Name : FLUE GAS RECIRCULATING FAN

Equip Tag:

Loc Desc : 03-0022

Exception Reason:

Fac Unit Op Sys Division

F08 030022 BL3

B3MNSO

Equipment: FAN VID-003

Name : VARIABLE FREQUENCY DRIVE

Equip Tag:

Loc Desc : 03-0022 ID FAN #3

Exception Reason:

***** END OF REPORT *****

Cost Center: P2030A Percentage: 100.000

Activity: 640CL000 User Def:

Acct No : XU5000 7E2P0000



Integrated Work Document (IWD) Part 2, FOD Requirements and Approval for Entry and Area Hazards and Controls

Non-Tenant Activity Form

	Parameter of the second second			No Work Area Hazards
Training and Qualification List training requirements	Reference Documents List permits, operating manuals, and other reference procedures	Facility Controls/ Preventive Measures/ Bounding Conditions Specify preventive measures, controls and bounding conditions for	Work Area Hazard Present	Identify site hazards and concerns that could potentially affect the worker(s) or others.
			STREET, WELLES	PSH)/213
nd preventive meas	ify the facility controls ar	affect the worker(s) or others. Speci yell as any special training required.	t could potentially site hazards as v	Instructions: In the block below, identify work-area hazards that could potentially affect the worker(s) or others. Specify the facility controls and preventive measures that must be implemented by the worker(s) to protect against the site hazards as well as any special training required.
r markings in all reas of Bldg 22 are	ment. Observe safety signs and floor markings in all. West end frunt lobby and office areas of Bldg 22 are	Hrol Room), one time requirement Obsaingmeering personnel. The West end	юв). I to (Boiler Co v Operations or UE	personnel entering area must view the site specific training video in 1000 116 (Boiler Control Room), one time requirement. Observe safety signs and floor markings in all buildings and areas. No safety shows required for visitors if escorted by Operations or Ul Inguineering personnel. The West end front lobby and office areas of 114g 12 considered a no hazard area.
bate inside floor and	No Smoking around Natural Gas Systems. Evaluate inside floor and	s) on, thru Friday. No Smoking around No. Managar/Smokialist or Occarriance Notes	Tool Facility Note POTW - 2:30pm M	Additional Comments (refer to Job Hazard Analysis [JHA] Tool Facility Notes) All work must be approved by the Utilities FOD or OM or OS. PODPOTW - 2:30pm Mon. thru Friday. No Smoking around Natural Gas Systems. Evaluate inside floor and housekeeping conditions to safely proceed with activities. Check in with Flant constraints Managar/Specialist or Commence State II and the first II and the first II and the first II are the safely proceed with activities. Check in with Flant constraints Managar/Specialist or Commence State II and the first II are the safely proceed with activities. Check in with Flant constraints and constraints are constraints.
2017 (00%)				Other Bounding Cenditions
(OSII) 40;	nreviewed Safety Onest	Review under Authorization Basis (AB)/Safety Basis/Hirreviewed Safety Onestion (HSO)	Review under Auth	Escort Required Fig. 5
	Section and Section	Check out Daily	Quality Issues	Check out at End of Work
	No Foreign Nationals, etc.)	ex.: Cellphone.	Other Security Req	
	Required	Work Work-Area Training Required	Work must be Scheduled	Security Clearance Requirements
) Part 3	FOD-designated facility Point-of-Contact must sign IWD Part 3	OD-designated fa	
		The state of the s	of the following)	Entry and Coordination Requirements (Check one or more
	přo@lanl.gov	n/a pře	699-8226	Facility Point-of-Contact Pavlo C de Vaca
	Power Plant Bldg - Inside		Dhan	me
	Other Location	m	Bldg.	E TA
ı (ESH)/Security an	ronment, Safety, Health	n requirements and identify the Envir	ry and coordination vity location.	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 activity location.
			122	WD No./Work Request No: 5097770 Revision #: (2)

Energized and Operative Systems Working near energized electrical parts, pressure systems, steam lines; near unprotected belts, pulleys, chains or rotaling equipment, fuel fired equipment other than vehicles; or spark or flame producing operations. Specify Hazards: Energized/rotating equipment, hot pressurized water/steam lines.	Worker Exposure Working near non-ionizing radiation, beryllium, noise, chemicals, hazardous biological malerials, fead, asbestos, temperature/humidity extremes, or high explosives. Specify Hazards: Hot Piping, Potential Hot Water/Steam from pipe/fitting openings, Boiler Water Treatment Chemicals, Asbestos.	lonizing Radiation Work in posted radiological areas, work with radioactive materials or work on or near radiation producing devices. Specify Hazards:	Work Area Hazards/Concerns Identify site hazards and concerns that could potentially affect the worker(s) or others.
ĭ Yes ☐ No	Yes No	□ Yes 🛛 No	Work Area Hazard Present
Stay within established walking areas. Observe safety signage alarm lights and homs, identify explosive hazards and follow lask specific (WD) 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 Wgr. Designee. or Safety rep.	Required FPE: Hard hat safety stross, safety glasses. Hearing protection (noise > 85 dba). Avoid hot surfaces and piging. Long steeve shirt or Ansell steeves or coveralts. Gloves when operating valves or contacting pipelfitting openings where there is potential for hot water/steam release. Be aware of oncapsulated asbestos. Follow LANL Asbestos program/rights 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 his. Over 100 gallons of a chemical spill leave area, and control access. Call Serf Operators 667-8962 or by Radio Lant 2 Util 6 For mitigation cleanup process. For after-hours contact the Ul Duty Officer, 699-7452 to re-assess any abnormal situation		Facility Controls/ Preventive Measures/ Bounding Conditions Specify preventive measures, controls and bounding conditions for each site hazard
P101-13 Electrical Safety P101-3 LOTO P101-34 Pressure, Vacuum, Cryogenic System	P101-3 Asbestos P101-31 Hearing Conservations/Noise Program		Reference Documents List permits, operating manuals, and other reference procedures
Site Specific Training video, Electrical Safety LOTO if applicable to task.	LANL PPE or equivalent Hearing protection Site specific fraining Ashestos awareness	3 803	Training and Qualification List training requirements (1988) interpretated Wight Control (1988) interpretated (198

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Confined Spaces Entry into tanks, manholes, cooling towers, sumps, or any other area with potentially low oxygen concentration or other hazards such as		ing.	P101-27 Confined Space	Confined Space Traning
with potentially low oxygen concentration or other hazards such as toxic vapors or engulfment Specify Hazards:	∑ Yes ☐ No	Requirements of task requires confined space entry.		
Elevated Work Surface Elevated work when fall protection is not provided by conventional handrall systems or required per P101-20. Fall Protection Program	⊠ Yes □ No	Stay within established walking areas, stainways and pall's. Observe safety signage. Follow LANL Fall Protection Requirements it safe on recols or work above a feet	P101-20 v	Fall Protection
Environmental Impact Activities conducted in areas containing potential release site. 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.	To the second se	The state of the s	
Security Requirements Specify:	∐Yes ⊠ No	Section and the section of the secti		
Other Hazards Specify: PESTS	⊠Yes □ No	Yes No drawpings, dead rodents, waspinest eto in area of task activity.		
I have verified that the hazards identified above adequately identify the grea hazards and that the IWM process has been applied appropriately. FOD or Representative (Signature/Z #/Date) Approval Required 1990 1990 1990 1990 1990 1990 1990 199	iffy the area hazar	rds and that the IWM process has b	as been applied appropriate	sly.
Date Approval Expires 19/30/2017			The second secon	10.00

Los	Alamos Fac	ilities Maint	enance IWD – (Facility Maintenance Activity Specific Information)
Revisi	on # 0		Activity/Task Title: PP 1M VID/VFD/FGR FILTERS
Work Task)	Document #: 50997		Planner/Preparer (Name/Z#/Date) Robert Simpson/240725 9/19/2011
TA: 03	Building: 0022	Room: N/A	Additional Location Description: VARIABLE FREQUENCY DRIVES VID/VFD/FGR

Activity Description/Overview UICS ELECTRICIANS

WORK DESCRIPTION:

LOTO OF EACH UNIT TO CLEAN INTERNALLY THE INSIDE OF EACH VFD PANEL. TASK IS TO BE DONE WITH THE USE OF COMPRESSED AIR AND A VACUUM CLEANER. REMOVE ALL DUST AND DEBRIS FROM THE ENCLOSURES.

FOLLOW ALL POSTINGS AND REQUIREMENTS FOR WORK.

POC: JOE BAUGHMAN @ 699-0207

PRECAUTIONS/LIMITATIONS/PREREQUISITES:

- 1. If steps cannot be completed as described, or if unforeseen situations occur, STOP WORK, stabilize the situation, contact your supervisor, and await further instructions before proceeding.
- 2. The following trainings are required for the General Hazard Section:
 - MSS Maintenance Worker, TP 10968
 - LOTO
 - CPR
 - ELECTRICAL SAFETY PROGRAM

P101-13

P101-3.1

- 3. Training to perform zero energy / pressure verification is:
 - LOTO FOR HAZARDOUS ENERGY CONTROL
- 4. Training to perform work in power plant for cleaning of filters:
 - OJT
 - SITE SPECIFIC
- 5. Contact shift head and communicate with control room attendant on job status.
 - NOTIFY SHIFT HEAD OPERATOR OF ANY LOTO TO BE PERFORMED.
- 6. Ensure permits required for the project have been obtained and are in the work package.
 - LO/TO ATTACHMENT "B"
- 7. Contact Safety for any safety concerns:
 - ANTHONY MARTINEZ @ 412-8378
- 8. ENSURE WORK IS ON PLAN OF THE DAY, CHECK IN WITH AREA WORK CONTROL.
- 9. ALL FACILITY RELATED WORK DESCRIBED IN THIS WORK ORDER PACKAGE SHALL BE PERFORMED IN ACCORDANCE WITH P200 SAFEGUARDS AND SECURITY.

Los Alamos Facilities Maint	enance IWD - (Facility Maintenance Activity Specific Information)
Revision # 0	Activity/Task Title: PP 1M VID/VFD/FGR FILTERS
Work Document #: (WO #/ Task) 509977-01	Planner/Preparer (Name/Z#/Date) Robert Simpson/240725 9/19/2011
TA: Building: Room: 03 0022 N/A	Additional Location Description: VARIABLE FREQUENCY DRIVES VID/VFD/FGR

GENERAL HAZARDS (identify hazards and associated controls)

The following PPE is required:

- Safety Shoes
- · Safety Glasses with side shields
- Hardhat
- Hearing protection when noise levels exceed 85 db.

Potential exposure to insulation materials, asbestos, fiberglass

- If non-encapsulated material is encountered or encapsulated material is disturbed during work activities. **STOP WORK!**
- · Contact a safety representative.

Uncontrolled release of hazardous energy from energized systems

- Only authorized UICS personnel will perform the work.
- Follow Power Plant LO/TO procedures when de-energizing VFD's.

240V to 600V Zero Voltage check requirements:

- Wear CAL 8+ PPE: Double-Layer switching hood.
- Class 0 Dielectric Gloves.
- FR coveralls (with an arc rating of 8 or more), hardhat, and safety glasses underneath hood.
- C-man rule applies.
- Use UL approved voltage meter.
- No metallic objects worn.
- Voltage rated test equipment.
- Ensure no un-insulated body part enters prohibited space.
- Voltage rated tools.

Less than 240V Zero Voltage check requirements:

- Use UL approved voltage meter
- Class "0" Dielectric Gloves
- FR clothing, minimum arc-rating of 4 cal for voltage of < 240 V (long sleeve shirt, pants or coveralls, face shield)
- FR Protective Equipment (hard hat, safety glasses or safety goggles, hearing protection).
- No metallic objects worn.
- Voltage rated test equipment.
- Ensure no un-insulated body part enters prohibited space.
- Voltage rated tools.
- 1. BARRICADE the work area.



CHECK IN WITH POWER PLANT OPERATIONS AND SHIFTHEAD

	Alamos Fac	ilities Maint	tenance IWD - (Facility Maintenance Activity Specific Information)
Revision	on # 0		Activity/Task Title: PP 1M VID/VFD/FGR FILTERS
Work Task)	:#Document 5099		Planner/Preparer (Name/Z#/Date) Robert Simpson/240725 9/19/2011
TA: 03	Building: 0022	Room: N/A	Additional Location Description: VARIABLE FREQUENCY DRIVES VID/VFD/FGR



Possible contact with energized systems

NOTE:

LO /TO DEVICES SHALL BE APPLIED IN ACCORDANCE WITH THE REQUIREMENTS OF P101-3.1 SECTION 1.1 "LOCKOUT / TAGOUT FOR HAZARDOUS ENERGY CONTROL, RED LOCK LOCKOUT TAGOUT PROCEDURE. ATTACHMENT "B".

- LO/TO circuit for VID-001, VID-002, VID-003, VFD-002, FGR-001, FGR-002 & FGR-003 per the work order checklist.
 - Class 1.3b. Mode "0"
 - Utilize LO/TO attachment "B"
 - · Nonmelting or Untreated Natural Fiber
 - Shirt (long sleeve)
 - Pants (long)
 - · Safety Glasses
 - Hearing Protection (ear canal inserts)
 - · Leather Gloves
- 3. VERIFY "zero" voltage at the Control Panel.

240V to 600V Zero Voltage check requirements:

- Class 1.3b
- Mode "1", establishing an electrically safe work condition.
- Two Man Rule
- Nonmelting or Untreated Natural Fiber
- Shirt (long sleeve)
- Pants (long)
- Safety Glasses
- Hearing Protection (ear canal inserts)
- Leather Gloves
- Class "0" Dielectric Gloves
- Dielectric Glove Expiration Date:______
- Ensure that voltage meters have been properly tolerance tested prior to use. Expiration Date
- 4. CLEAN internals of VID-001, VID-002, VID-003, VFD-002, FGR-001, FGR-002 & FGR-003,
- 5. CHECK all wiring.

Los	Alamos Fac	cilities Maint	tenance IWD - (Facility Maintenance Activity Specific Information)
Revisio	on # 0		Activity/Task Title: PP IM VID/VFD/FGR FILTERS
Work Task)	900 Document 10997		Planner/Preparer (Name/Z#/Date) Robert Simpson/240725 9/19/2011
TA: 03	Building: 0022	Room: N/A	Additional Location Description: VARIABLE FREQUENCY DRIVES VID/VFD/FGR

NOTE:

LO/TO DEVICES SHALL BE REMOVED IN ACCORDANCE WITH THE REQUIREMENTS OF P101-3.1 SECTION 1.1 "LOCKOUT / TAGOUT FOR HAZARDOUS ENERGY CONTROL, RED LOCK LOCKOUT / TAGOUT PROCEDURE. ATTACHMENT "B".

- 6. RELEASE LOTO and RETURN equipment to its normal operational configuration.
 - Class 1.3b. Mode "0"
 - Utilize LO/TO attachment "B"
 - · Nonmelting or Untreated Natural Fiber
 - Shirt (long sleeve)
 - · Pants (long)
 - · Safety Glasses
 - Hearing Protection (car canal inserts)
- 7. NOTIFY OPERATIONS SHIFTHEAD that the work is complete.
- 8. VERIFY proper operation.
- 9. CLEAN the work area and dispose of all work generated debris.
- 10. CONTACT the Superintendent / Supervisor and inform them the work is completed. Complete all the required documentation and return the Master Work Package to the Work Control Center Office.

Los Alamos Faciliti	es Maintenance IWD - (Facility Maintenance Activity Specific Information)
Revision # 0	Activity/Task Title: PP 1M VID/VFD/FGR FILTERS
Work Document #: (W Task) 509977-	
	oom: Additional Location Description: VA VARIABLE FREQUENCY DRIVES VID/VFD/FGR

Insert Rows above for additional Tasks/Steps or attach pages to clearly communicate ESH&Q/S&S hazards and associated controls.	The RLM and FOD or Representative approve work based upon confidence that this IWD has been properly prepared, that the work will be performed within ESH&Q/S&S requirements, facility requirements and capabilities, and will be performed in accordance with this IWD.	FOD or Represe Required Obline SME Review (Si	entative (Signature/Z#/Date) O S C TO E O S C TO E ignature/Z#/Date) If Required gnature/Z#/Date) If Required
Moderate-Hazard High-Hazard/Complex Standing IWD	Date when RLM re-approval is requ Other Conditions for RE-Approval (Print) Name of Primary PIC Carlos Chac Name of Alternate PIC Name of Alternate PIC	ion I	Any required classification eview completed, Signature/Datc

LUTU ID# 30718

WO 509977-01





Attachment B Specific Written Energy Control Procedure P101-3, Lockout/Tagout for Hazardous Energy Control

Equipment or machinery:			Location of equipment or machinery:			
Description:			Building	Room No.	Other	
PPIM VID/VFD/FGRF	TLTERS	3€	22	All		
Name of Equipment Owner/Operator:	(Organiza	ation/Cont	act Information:		
List energy sources (refer to P101-3, Locko Procedure Lockout/Tagout Tag, if used): 1. ELECTRICA L		lazardou •	s Energy C	ontrol, Attachment A	, Simple Energy Control	
2.		5				
3	6	S				
Identify associated energy-isolation devicetc.):	es (circuit bre	akers, o	disconnect	s, valves, slide gat	es, slip blinds, blocks,	
Energy-Isolation Device Identification	Loca	ation		Required	d Position	
1- Pawer CTR # 1 - ID FAN # 1 CKT-9	Main F	loon		OFF		
-FARFANCKT-1A	MAIN	Cloo,	R	OFF		
3. POWERCTR#2 ID FAN CKT #9	Main	Vilo	R	OFF		
4. FO FAW CICT # 10 FGRFANCICT # 28	Mun	F (00	R	OFF		
JOFAN CICT #9	Moorn			OFF		
6. FO FAWCICT # IA	Misir			OFF		
Group Lockout/Tagout? Yes No X	\mathcal{L}			nnel change? Yes	No V	
If yes, identify lead authorized worker:						
Independent verification required (contact Operations Director/designee for determin Yes No			hift or pers horized w	sonnel change, ide orker	ntify oth∉r lead	
List of Authorized Worker(s)	Z-Number		_ist of Autl	norized Worker(s)	Z-Number	
1. Survice of Dice or	170727	2	. Gre	gory L. Do	nnelly 17935 2	
2 11 1			ò`			
Copper Crabesula	2554	12	7.			

4. 8.		_
Facility Operations Director/Designee Approval	N*4 III	
Name Signature		Z-Number
Lawrelle band Time		186190
The same Country		1001-
Describe in detail, where necessary, how each of the required steps of the lock accomplished:	out/tagout proce	edure will be
Evaluate energy sources and identify energy isolation devices for each sources.	ırce. List above.	
2. Legibly complete all of the information on the lockout/tagout tag.	** H VIII V	
3. Who is your employer? (check one box)	1147	
☑ LANS (complete Section 1 below)☑ Subcontractor (complete Section 2 below)		
LANS employee, Section 1		
Contact owner/operator. Owner/operator will determine who notifies affected we Check one box:	orker,	
Authorized or lead authorized worker will notify affected workers I accept control of this equipment for maintenance and servicing. I will notif starting up and before removing locks at the completion of the work	y the affected w	orkers before
Owner/operator will notify affected workers		
I accept responsibility for notifying all affected workers before shutdown an	d start of equipr	nent.
The owner/operator has determined that the affected workers are		39: 21
Signature of Authorized or Lead Authorized Worker	Z-Number	Date
Signature of Owner/Operator	Z-Number	Date
Minetal Glori	094113	3-20-15
The owner/operator must be notified personally before any testing, positioning, or restart of equipment.	MI No	Initial
The owner/operator must be notified personally before start of equipment.	Initial No	nitial

Culturate Destar D		
Subcontractor, Section 2		
Contact owner/operator. Owner/operator will notify affected workers.		
Owner/operator will notify affected workers.		
I accept responsibility for notifying all affected workers before shutdown an	d start of equipr	ment.
	a contra a admila.	71011.0
The owner/operator has determined that the affected workers are		
Signature of Authorized or Lead Authorized Worker	Z-Number	Date
W/		
Signature of Owner/Operator	Z-Number	Date
The owner/operator must be notified personally before any testing.	Ala	_
positioning, or restart of equipment.	No	o Initial
The owner/operator must be notified personally before start of Yes _ equipment.	No	
	Initial	Initial
4. Describe the specific steps for shutting down equipment or machinery (unle	ess the equipme	nt is already
shut down). Provide the sequential steps for equipment/machinery shut dov	vn.	
Contact Towe thant opporation	us to	2R
0 -0101 /- 8 -000	11.66	ion1
Contact Powe Planet opperation Permission for Proceed in & Shut Down Equiptmen	1	7101
a shut Down Equiptmen	7	
one was		
5. Describe the method(s) of isolating the equipment from the energy source(s)	including any	and in a second
redultad.		
10 150LATE Electrical	125	
- 1501 ME Flortwent	7 5	· /
1st 100cm - Lection	L mar	-614
*		
6. Lock and tag out the energy isolating device(s) using a Laboratory-issued re	ed lock and tag.	880 8 10-20

7.	
	Describe how to assess for and relieve all potentially hazardous stored or residual energy. Describe the control(s) used if there is a potential for re-accumulation of energy.
	AFTER Locks Are PlacED USE RequirED
	PPE Sofely bilages, Class Zero Die Electric
	Colores HARD Hot, CARABRATEN Multi Meter
	To Asses Bero Enterby Veriticakion
8.	Describe how to verify that the equipment has been effectively isolated from the energy source and rendered safe (see requirements in P101-3, Lockout/Tagout for Hazardous Energy Control, Section 3.12 Additional Precautions for Lockout/Tagout Involving Electrical Hazards). Include any personal protective equipment required during verification.
	All Push Bullow Contros. If Applitable
	Allow Time For Energy to disaprete
1	from Capaciters In Systy as
9.	Describe the work that will be done and any hazards/controls associated with the work. Describe method(s) for testing and/or positioning equipment upon completion of work: FreeellE To 5 funt & M Cleanury Equipment upon completion of work:
	Whore all Require 12
	Where all Require 12
6	Describe steps for returning equipment to service (see P101-3, Lockout/Tagout for Hazardous Energy Control, Table 2, Release from Lockout/Tagout). Provide the sequential steps for testing the equipment/machinery before removing the lockout/tagout. Include sequential steps for removing the lockout/tagout.
6	Describe steps for returning equipment to service (see P101-3, Lockout/Tagout for Hazardous Energy Control, Table 2, Release from Lockout/Tagout). Provide the sequential steps for testing the equipment/machinery before removing the lockout/tagout. Include sequential steps for removing the lockout/tagout.
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6	Describe steps for returning equipment to service (see P101-3, Lockout/Tagout for Hazardous Energy Control, Table 2, Release from Lockout/Tagout). Provide the sequential steps for testing the equipment/machinery before removing the lockout/tagout. Include sequential steps for removing the lockout/tagout.

	F1000C
11. Describe interfaces (if multiple crafts or organizations), how independent ve done, justification and actions required for tag only, and/or any other relevant	rification or shift change will be nt information to ensure safety.
M	
Approval of this specific written procedure:	
Signature of Owner/Operator	Date
- If full 7/fold	3-20-19
Independent verification by a second authorized worker who does not perform the service, checks that hazardous energy has been rendered safe (if required by Fa Director/designee).	∋ work. Upon removal from cility Operations
Signature of Independent Varifier	Date
Casa Chacon	3.20-15
Independent verification by a second authorized worker who does not perform the service, this second worker checks that release from lockout/tagout and reliable of by Facility Operations Director/designee).	work. Upon restoration to peration is achieved (if required
Signature of Independent Verifier	Date
your age	3-24-19



Integrated Work Document (IWD) Part 3, Validation and Work Release

IWD #: 509977-01 Revision #: Work Release				
By signing below, I verify this activity is compatible with current facility configuration and operating conditions.				
FOD designated Ops Mgr 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 wit	h signatures on Part 2.			
By signing below, I have verified the following:	() B(M 1500			
I have verified authorization by ensuring approval signature	s or the RLM and FOD. to confirm the IWD can be performed as written, required initial			
conditions and other prerequisites are in-place.				
The assigned workers are authorized and are qualified to p responsible manner.				
I have conducted the pre-job briefing, and all workers have	been briefed. 3-24-15 3-23-15 representatives (e.g., area work coordinators). 3-20-15			
	representatives (e.g., area work coordinators). 3.20-15			
Primary PIC (Signature/Z#/Date) Required:	Chacon (20931 3-19-15			
Alternate PIC Signatures acknowledges PIC authority is assumently once, but formal handoff includes conferring with previous handoff).	PIC to obtain all required information associated with the			
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 cor 				
 What work permits are required and how will we meet 	their requirements?			
 What are the handoffs and coordination requirements a 	among workers and multiple PICs?			
 Are there hold-points including those that require sign- 	offs?			
 What are the pause/stop work responsibilities and expension 	ectations (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?				
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) 3/20/15 Dany L California 2554/2 3/19/15	Worker (Signature/Z#/Date)			
Worker (Signature/Z#/Bate)	Worker (Signature/Z#/Date)			
Death of Dress (20122 \$20/15)				
Worker (Signature/Z#/Date) Worker (Signature/Z#/Date)				
Worker (Signature/Z#/Date)	Worker (Signature/Z#/Date)			



AP-WORK-002: Attachment 11 Maintenance and Site Services Work Completion Form

Work Order/Task: 509977-01

Start Date: 3	19-15	Completion Date: 3-25-15		
SUMMARIZE THE WORK PERFORMED				
Date				
3/19/15	I went inside steam plant and starked to			
``	Operator about Pm on VID, VFD, FGR Boilers 1,2,3			
	got some Fontas to Fran TAbook then changed and			
	cleaned filters on I	D Fans 142		
3/23/15	Cleane & internals on ID, FD, & FER #2. Also cleaned			
3/24/15	externals on Int FOR	#3.		
3/24/15	impleted Inter	vals on #3		
FOR CORREC	CTIVE WORK – WHAT FAILI	ED AND WHAT WAS FIXED		
5				
		AS LEFT CONDITIONS BELOW		
As found	Dirly = tone	tional		
As left	Dirly & Conctional Clean & Functional			
Parts/Repairs				
		, and the same of		
Read/meas.				
Post test info.	t test info.			
Problems Encountered (delays, safety, etc.):				
Lessons Learned/Recommendations: Dev e				
4				
Name: Gary 6.	Cabesuela Sign	ature: Samb Columbia Date: 3/19/15		
I mudole P Jon Willer Fore 3/23/15				
AP-WICHIS-002(405 Chaca Rev 15 Approved Dobizottan S-25page 1 of 2				



AP-WORK-002: Attachment 11 Maintenance and Site Services Work Completion Form

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				
II' IIO. State Reason				
Additional Work Needed? TYES				
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.				
BLAS Sonder (18 Sog 3/25/15				

*

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: 170621 SANCHEZ K F W/O Title: PP 1M TA3-22 FGR BEARINGS, LUBRICATE Written To: TA03-0022 FAN, FLUE GAS RECIRCULING (FGR Task Dspln: Due Date: 04/30/2015	Work Order Task 00511930 01 MASTER Date: 02/03/2015 Page: 1			
	1 age. 1			
Work Order Task Written To Facility: F08 Room: Area: Equipment: Component: Location: Job Type: PM Tag 1: Tag 2: Work Item: TA03-0022 FGR Ops Review Reqd:	Op Sys : Sys/Cls:			
Authorization Start Permission : Start Date: 275 Complete Notice : Complete Date: UUK				
NOTE:				
* 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 Task Instructions FURTHER INSTRUCTIONS/DETAILS PERFORM UMI AS PER UM 76-39-014				
QC Requirements/Comments				
Rework Reason/Cause (Y/N) CDSG CUSTOMER DESIGN IMCW IMPROPER CONSTRUCTION/WORKMANSHIP IMDN IMPROPER DESIGN PDMS PARTS/MATERIAL DID NOT MEET SPECIFICATIONS				



Facility: F08 Unit: Task Title: PP 1M TA3 W/O Type: PM W/O Gro Planner: 170621 W/O Title: PP 1M TA3 Written To: TA03-0022 Task Dspln:	-22 FGR BEARINGS, oup: UTIL To SANCHEZ -22 FGR BEARINGS, FAN, FLUE GAS REC	ask Friority: 4 K F LUBRICATE		Work Order Task
Hazard: LOW	IWD Reqmt: N/A	LOW HZRD		00511930 01 MASTER Date: 02/03/2015 Page: 2
WR WARRANTY REWORK, Date: Comments:	REPAIR Hours:	Crew:	Sh	ift:
Rework/Approval Deficiency Tag No.: ReWork Job : 1	Loc; V Comments:			Tag Removed:
Trouble Found/Work Per				
Mork Delay Reason A ACCESS Date: EQPT EQUIPMENT Date: MISC MISCELLANEOUS Date: OPS OPERATIONS Date: P POOR PLANNING Date: S SAFETY Date: SCH SCHEDULING Date: T TRAVEL Date:	Hours: Ho	Crew: Crew:	Sh Sh Sh Sh	(Y/N) ift:

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: 170621 SANCHEZ K F W/O Title: PP 1M TA3-22 FGR BEARINGS, LUBRICATE	Los Alamos NATIONAL LABORATORY
Written To: TA03-0022 FAN, FLUE GAS RECIRCULING (FGR Task Dspln: Due Date: 04/30/2015	Work Order Task
	00511930 01 MASTER
Hazard: LOW IWD Reqmt: N/A LOW HZRD	Date: 02/03/2015 Page: 3
W WEATHER Date: Hours: Crew: Comments:	Shift:
Major Failure/Action Taken	
Major Failure : Deficiency Tag Loc: Deficiency Tag No.: Limite	Action Taken : Removed (Y/N): ed Cond Operation:
Work Completion Signatures	
Name Function/Dept. Sung Augen 406-C5/MAUNT	Date 4:13:15
Comments: (rework?)	
Equipment List Exceptions	
Equip List Rev Equip List Description SM22 FGR 000 TA03-0022 FAN, FLUE GAS RECIRCULATING Fac Unit Op Sys Division Are F08 030022 BL1 B1BSWT Equipment: FAN FGR-001	ea System Class U ML4
Name : FAN, FLUE GAS RECIRCULATING Equip Tag: Loc Desc : 03-0022	
Exception Reason:	

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: 170621 SANCHEZ

K F

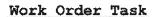
W/O Title: PP 1M TA3-22 FGR BEARINGS, LUBRICATE

Written To: TA03-0022 FAN, FLUE GAS RECIRCULING (FGR

Task Dspln:

Due Date: 04/30/2015





NATIONAL LABORATORY

- 133,1443 -

00511930 01

MASTER

System Class

System Class

ML4

Date: 02/03/2015

Page:

U

IJ

Area

Area

4

ML4

Hazard: LOW IWD Reqmt: N/A LOW HZRD

F08 030022 BL2

Fac Unit Op Sys Division

B2BSNO

Equipment: FAN FGR-002

Name

: FLUE GAS RECIRCULATING FAN

Equip Tag:

Loc Desc : 03-0022

Exception Reason:

Fac Unit Op Sys Division

B3BSNO

F08 030022 BL3

Equipment: FAN FGR-003

Name : FLUE GAS RECIRCULATING FAN

Equip Tag:

Loc Desc : 03-0022

Exception Reason:

Cost Center: P2030A

Percentage: 100.000

Activity: 640CL000 User Def:

Acct No : XU5000 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: 170621 SANCHEZ

K F

W/O Title: PP 1M TA3-22 FGR BEARINGS, LUBRICATE

Written To: TA03-0022 FAN, FLUE GAS RECIRCULING (FGR

Task Dspln: Due Date: 04/30/2015

NATIONAL LABORATORY -- 131-1441 --

Work Order Task

00511930 01

MASTER

Date: 02/03/2015 5

Page:

Hazard: LOW IWD Reqmt: N/A LOW HZRD

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:

Print Request - Work Order Documents

Facility Type/Subtype Document Number

Sheet Image Addr

F08 PROC PMI 76-39-014

SERVICING INDUCED & FORCED DRAFT & FLUE GAS

References/Document Information

Type/Subtyp: PROC PMI Number: 76-39-014

Title/Desc : SERVICING INDUCED & FORCED DRAFT & FLUE GAS

Sheet:

Image: N



Integrated Work Document (IWD) Part 2, FOD Requirements and Approval for Entry and Area Hazards and Controls

Non-Tenant Activity Form

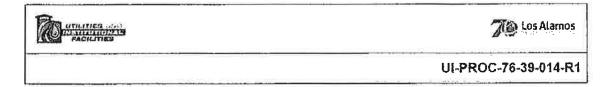
IWD No./Work Request No: 5/1930-01 Revision #: Facility Operation Director (FOD) must determine the	1930-01 Revision #: OD) must determine the facili	ity entry and coordination r	IWD No./Work Request No: 51/930-01 Revision #: C Revision	avironment, Safety, Health	(ESH)/Security and
OD	TA	Bldg.	Room	Other Location	
	03	22		Power Plant Bldg - Inside	
77.5	Name	Phone	R	Email	
Contact	Pavlo C de Vaca	699-8226	n/a	pfc@lanl.gov	
Entry and Coordination Requirements (Check one or more of the following)	quirements (Check one or	more of the following)			
☐ No Entry/Coordination Requirements	equirements	FOD-designated facil	FOD-designated facility Point-of-Contact must sign IWD Part 3	WD Part 3	
Plan of the Day/Plan of the Week (POTD/POTW)	ne Week (POTD/POTW)	Check in at Start of Work	Work-Area	Training Required	
Security Clearance Requirements	irements	Work must be Scheduled	Check in D	-	
Co-located Hazards/Concerns	cerns	Other Security Requir	Other Security Requirements (ex.: Cellphone, No Fo	No Foreign Nationals, etc.)	
Check out at End of Work	*	Quality Issues			
Escort Required		Review under Author	Review under Authorization Basis (AB)/Safety Basis/Unreviewed Safety Question (USQ)	/Unreviewed Safety Questing	on (USQ)
Other Bounding Conditions	ns		,	,	
Additional Comments (refer to Job Hazard Analysis [JHA] Tool Facility Notes) All work must be approved by the Utilities FOD or OM or OS. POD/POTW 2:30pm Mon. thru Friday. housekeeping conditions to safely proceed with activities. Check in with Plant Checking Management.	r to Job Hazard Analysis [the Utilities FOD or OM or OS the proceed with activities Che	JHAJ Tool Facility Notes) POD/POTW 2:30pm Mor		No Smoking around Natural Gas Systems. Evaluate inside floor and	uate inside floor and
personnel entering area must view the site specific training video in room 116 (Boiler Control Room), one time rebuildings and areas. No safety shoes required for visitors if escorted by Operations or UI Engineering personnel. considered a no hazard area.	ew the site specific training vide thoes required for visitors if escaped	eo in room 116 (Boiler Contr orted by Operations or UI En	personnel entering 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. No safety shoes required for visitors if escorted by Operations or UI Engineering personnel. The West end front lobby and office areas of Bldg 22 considered a no hazard area.	equitement. Observe safety signs and floor markings in all The West end front lobby and office areas of Bldg 22 are	markings in all cas of Bldg 22 arc
Instructions: In the block below, identify work-area hazards that could potentially affect the worker(s) or other that must be implemented by the worker(s) to protect against the site hazards as well as any special training	ow, identify work-area hazar the worker(s) to protect agai	ds that could potentially af	Instructions: In the block below, identify work-area hazards that could potentially affect the worker(s) or others. Specify the facility controls and preventive measures that must be implemented by the worker(s) to protect against the site hazards as well as any special training required.	ecify the facility controls an	d preventive measures
Words Association (Control of the Control 3	ESHISKS WORK AREA HAZARDS & CONTRO	AZARDS & GONDROLLS			
Work Area Hazards/Concerns locally potentially affect the Identify site hazards and concerns that could potentially affect the worker(s) or others.	ns that could potentially affe	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 (PDM, interpret)
No Work Area Hazards				The second secon	

Energized and Operative Systems Working near energized electrical parts, pressure systems, steam lines; near unprotected befts, 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.	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.	Ionizing Radiation Work in posted radiological areas, work with radioactive materials or work on or near radiation producing devices. Specify Hazards:	Work Area Hazards/Concerns that could potentially affect the worker(s) or others.
⊠Yes [] No	∑ Yes □ No	☐ Yes ∑ No	Work Area Hazard Present
Slay within established walking areas. Observe safety signage alarm lights and horns, identify explosive hazards and follow task specific IVID if working on plant equipment or components. Note: All TA3-22 equipment or components. Note: All	Required PPE: Hard hat, safely shoes, safely glasses. Hearing protection (noise > 85 dba). Avoid hot surfaces and piping. Long sleeve shirt or Anself sleeves or contacting pipelfitting openings where there is potential for hot waterIsteam release. Be aware of encapsulated asbestos. Follow LANL Asbestos program/remts 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 hirs. Over100 gallons of a chemical spill leave area, and control access. Call Serf Operators 657-8982 or by Radio Lanl 2 Ufil 6 For mitigation cleanup process. For after-hours contact the UI Duty Officer, 699-7452 to re-assess any abnormal situation		Facility Controls/ Preventive Measures/ Bounding Conditions Specify preventive measures, controls and bounding conditions for each site hazard
P101-13 Electrical Safety P101-3 LOTO P101-34 Pressure, Vacuum, Cryogenic System	P101-6 PPE P101-23 Asbesios P101-31 Hearing Conservations/Noise Program		Reference Documents List permits, operating manuals, and other reference procedures
Site Specific Training video. Electrical Safety LOTO if applicable to task.	LANL PPE or equivalent Hearing protection Sile specific training Asbestos awareness		Training and Qualification List training requirements (P30) Interpretate (P30) Interpreta

1

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 lask requires confined space entry.	P101-27 Confined Space	Confined Space Traning
Elevated Work Surface Elevaled work when fall protection is not provided by conventional handrail systems or required per P101-20, Fall Protection Program	⊠ Yes □ No	Slay within established walking areas, stainways 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, Activities conducted in areas containing potential release site, Contaminated soil, sensitive species, watercourse wetlands, floodplain, 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		C C CONTRACTOR CO.	
Other Hazards Specify: PESTS	⊠ Yes □ No	Call pest control for clean-up if excessive rat droppings, dead redents, 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.	ify.the area haza	rds and that the IWM process has b	een applied appropriate	ју.
FOD or Representative (Signature/Z #Date) Approval Required	8 / LL	010200	-714	

Date Approval Expires __09/30/2017



Maintenance Procedure

TA-03 igs

Review fre	equency: 1 yr 🔲 2 yr 📮	3 yr 🖄
Process Owner	Signature	Date
Armond Standley	Sumond 57	andley 5-19-2014
Power Plant Maintenance	e Engineer	
- M D	3000 300 300 300 300 300 300 300 300 30	
Reviewed by	Signature	Date
Phil Romero	The Rome	- 6/9/14
ESH Manager		
	Simus(m)	Doto
Approved by Scott McBride	Signature)	Date 6/20/14
Maintenance Manager		17.7
Reviewed by	Signature	Date
HAROLD SALA	THE THEST	- 6/24/14
Derivative Classifier	, , , , , , , , , , , , , , , , , , ,	fred
	•	

UNCLASSIFIED

History of Revisions

Document . Number	Issue Date	Action
UI-PROC-76- 39-014-R1	6/24/14	Review and reissue with changes.
UI-PROC-76- 39-014-R0	01/25/11	Convert from KSL to U&I procedure, Minor changes, including title.
76-39-014 Rev. 2	07/20/06	Converted to KSL template, Format change and minor changes to content.

Table of Contents

1	Purpose	5
2	Scope/Applicability	5
3	Prerequisites	5
4	Precautions and Limitations	5
5	Equipment, Supplies, etc.	6
6	Responsibilities	6
7	Procedural Steps	6
	7.1 Lubricate Bearings	6
	7.2 Follow-on Tasks	7
8	Records	8
9	Abbreviations, Acronyms, and Terms	8
10	References	8
11	Appendices and Attachments	Α

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Utilities & Institutional Facilities Maintenance Procedure

TA-03 Power Plant - Servicing Flue Gas Recirculating Fan Bearings

1 Purpose

The purpose of this procedure is to provide instructions for lubricating the bearings on the Flue Gas Recirculating (FGR) Fans (FGR-001, -002, -003) located at the TA-03-22 Power Plant.

2 Scope/Applicability

- This maintenance procedure, UI-PROC-76-39-014-R1, Servicing Flue Gas Recirculating Fan Bearings, may only be worked in conjunction with a work control package that has been processed in accordance with the requirements contained in AP-WORK-002 R10, Work Planning. The procedure may not be used as a stand-alone work control document.
- 2. Affected Personnel: Power Plant Maintenance Personnel

3 Prerequisites

- 1. Required training and qualifications:
 - a. Utilities & Institutional Facilities (UI) procedures and work control processes
 - b. The current procedure and equipment
 - c. On-the-job training (OJT)
 - d. P101-3, Lockout/Tagout for Hazardous Energy Control
 - e. P101-18, Procedure for Pause/Stop Work
- 2. Pre-job briefing

4 Precautions and Limitations

- 1. Required Personal Protective Equipment (PPE):
 - Hardhat
 - Steel-toe safety shoes
 - Safety glasses with side shields

- · Hearing protection
- · Leather gloves
- When in operation, the FGR fan bearings should be lubricated on a biweekly basis.
 When the FGR is not in operation, DO NOT lubricate the bearings.

5 Equipment, Supplies, etc.

- 1. Equipment, tools, instruments
 - · Grease gun with Ultralube headphones
 - Strap wrench
- 2. Supplies, materials, parts
 - Grease Mobilith SHC 100

6 Responsibilities

- 1. Persons performing this procedure are responsible for—
 - · Complying with its requirements
 - Notifying Foreman or Superintendent of equipment damage or other conditions that could require corrective action
 - Issuing a PAUSE/STOP Work Order whenever warranted by conditions related to health or safety in accordance with P101-18, Procedure for Pause/Stop Work
- 2. Managers are responsible for ensuring procedure compliance.

7 Procedural Steps

7.1 Lubricate Bearings

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.

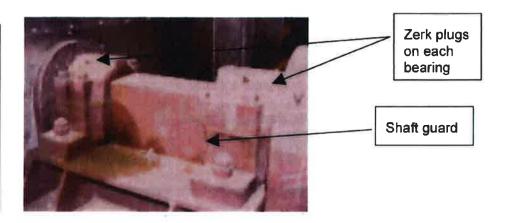
You can hear when grease reaches the bearing rolling element. At this point, stop adding grease to prevent bearing damage from overheating, per UI-PROC-76-21-500, Lubricating Grease-Lubed Motor Bearings.

UI-PROC-76-39-014-R1

There are two bearings on the fan, each with its own zerk plug. See Figure 1.

- 1. Use grease gun with the Ultralube headphones to insert the correct amount of Mobilith SHC 100 grease into zerk fitting.
 - a. Refer to UI-PROC-76-21-500, Lubricating Grease-Lubed Motor Bearings.
 - b. Apply grease while fan is running and stop when you hear the grease enter the running bearing.

Figure 1. FGR
Fan Drive.
Remove the shaft guard located in the middle of the drive. The two zerk plugs are located on each of the two bearings.



7.2 Follow-on Tasks

1. If problems are found, immediately notify Foreman and Superintendent so corrective action can be taken.

Will corrective action be required?

☐ Yes

M No

2. Ma All tasks in this procedure have been completed.

JERRY LUJAN

21700 Z-number

Da

This procedure is complete. Include the procedure number on the Work Documentation Form and attach signed copy of procedure to the Work Package.

8 Records

Not applicable

9 Abbreviations, Acronyms, and Terms

Abbreviation, Acronym, or Term	Definition
ESH	Environment, Safety, and Health
FGR	Flue Gas Recirculating
OJT	On-the-job-training
PPE	Personal Protective Equipment
UI	Utilities & Institutional Facilities

10 References

AP-WORK-002 R10, Work Planning

P101-3, Lockout/Tagout for Hazardous Energy Control

P101-18, Procedure for Pause/Stop Work

Robinson Industries, Inc., Operating & Maintenance Instructions

UI-PROC-76-21-500, Lubricating Grease-Lubed Motor Bearings

11 Appendices and Attachments

None



AP-WORK-002: Attachment 11 Maintenance and Site Services Work Completion Form

Work Order/Task: 511930-01

Start Date: 4/-	13-15	Completion Date: 4-13-15
	THE WORK PERFORMED	
Date 41315	HAD OPERATIONS LU	UE UP #2+#3 FGR BEARINGS USIN SCH 100 -76-39-014-R1
FOR CORREC	CTIVE WORK – WHAT FAILI	ED AND WHAT WAS FIXED
FOR PMs – SU		AS LEFT CONDITIONS BELOW BEALUGS WERE GREASED
As left Parts/Repairs	_	e AUUUAL MALUT
Read/meas.		, 1-,
Post test info.		***************************************
Problems Enco	untered (delays, safety, etc.):	
	N	WE
Lessons Learne	ed/Recommendations:	
	NOVE	
Name: JE224	LUTAL Sign	Chris Salarers 4-13-15
AP-WORK-002.1	//	approved: 12/05/2014 Billian Depart 1 of to



AP-WORK-002: Attachment 11 Maintenance and Site Services Work Completion Form

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 III
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.
Blos Rughez (So) 4/14/15

AP-WORK-002.11 Rev. 13, Approved: 12/05/2014

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: 170621 SANCHEZ K F	Los Alamos
W/O Title: PP 1M TA3-22 FGR BEARINGS, LUBRICATE Written To: TA03-0022 FAN, FLUE GAS RECIRCULING (FGR Task Dspln: Due Date: 05/31/2015	Work Order Task 00514753 01
	McASTTER Date: 03/12/2015 Page: 1
Work Order Task Written To	
Facility: F08	Op Sys : Sys/Cls:
Authorization	
Start Permission : Star Complete Notice Complete	e Date: 4-8-15
NOTE:	
* Refer to attached Form 2101 - Non-Tenant Activity Form - Tenant Activity Form - for a description of site specific escort and access requirements.	
Work Order Task Instructions	
FURTHER INSTRUCTIONS/DETAILS PERFORM UMI AS PER UM 76-39-014	
QC Requirements/Comments	
Rework Reason/Cause	04° . 8
CDSG CUSTOMER DESIGN IMCW IMPROPER CONSTRUCTION/WORKMANSHIP IMDN IMPROPER DESIGN PDMS PARTS/MATERIAL DID NOT MEET SPECIFICATIONS	(Y/N)

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: 170621 SANCHEZ K F W/O Title: PP 1M TA3-22 FGR BEARINGS, LUBRICATE Written To: TA03-0022 FAN, FLUE GAS RECIRCULING (FGR Task Dspln: Due Date: 05/31/2015	Work Order Task 00514753 01 MALSTER			
Hazard: LOW IWD Reqmt: N/A LOW HZRD	Date: 03/12/2015 Page: 3			
W WEATHER Date: Hours: Crew: S Comments:	Shift:			
Major Failure/Action Taken				
Major Failure : Action Taken : Deficiency Tag Loc: Removed (Y/N): Deficiency Tag No.: Limited Cond Operation:				
Work Completion Signatures				
Comments: (rework?) Function/Dept. Function/Dept.	Date 5-11-15			
Equipment List Exceptions				
Equip List Rev Equip List Description SM22 FGR 000 TA03-0022 FAN, FLUE GAS RECIRCULATING Fac Unit Op Sys Division Are F08 030022 BL1 B1BSWT Equipment: FAN FGR-001 Name : FAN, FLUE GAS RECIRCULATING Equip Tag: Loc Desc : 03-0022 Exception Reason:	ea System Class U ML4			

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

K F

Planner: 170621 SANCHEZ

W/O Title: PP 1M TA3-22 FGR BEARINGS, LUBRICATE Written To: TA03-0022 FAN, FLUE GAS RECIRCULING (FGR

Task Dspln:

Due Date: 05/31/2015



Work Order Task

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00514753 01

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Date:

03/11/2015

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Page:

Hazard: LOW

IWD Reqmt: N/A LOW HZRD

Work Order Task Written To

Facility : F08

Unit : 030022

Op Sys :

Room

Area

Component:

Sys/Cls:

Equipment :

Location :

Job Type : PM

Tag 1 :

Work Item: TA03-0022 FGR

Tag 2 :

Ops Review Reqd:

Print Request - Work Order Documents

Facility Type/Subtype Document Number

Sheet

Image Addr

F08

PROC PMI

76-39-014

SERVICING INDUCED & FORCED DRAFT & FLUE GAS

References/Document Information

Type/Subtyp: PROC PMI Number: 76-39-014

Sheet:

Title/Desc : SERVICING INDUCED & FORCED DRAFT & FLUE GAS

Image: N



FOD Requirements and Approval for Entry and Area Hazards and Controls Integrated Work Document (IWD) Part 2,

Non-Tenant Activity Form

IWD No./Work Request No.514753-01 Revision #:_ 0

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 activity location.

8 03		Bldg. 22	Room N/A	Other Location Power Plant Ridg - Incide	
		Phone	er	Email	
Facility Point-of-Contact Par	Pavio C de Vaca	699-8226	n/a	pfc@lani.gov	-
Entry and Coordination Requirements (Check one or more of the following)	rements (Check one or more	of the following)			
No Entry/Coordination Requirements	irements E	OD-designated facility	FOD-designated facility Point-of-Contact must sign IWD Part 3	WD Part 3	
Plan of the Day/Plan of the Week (POTD/POTW)	\boxtimes	○ Check in at Start of Work	rk Work-Area Training Required	g Required	
Security Clearance Requirements		oxtimes Work must be Scheduled	M		
Co-located Hazards/Concerns		ther Security Require	ents (ex.: Cellphone,	No Foreign Nationals, etc.)	
Check out at End of Work		Quality Issues	Check out Daily		· Action in the contract of th
Escort Required		Review under Authoriza] Review under Authorization Basis (AB)/Safety Basis/Unreviewed Safety Question (USQ)	/Unreviewed Safety Questi	on (USQ)
Other Bounding Conditions					
Additional Comments (refer to Job Hazard Analysis [JHA] Tool Facility Notes) All work must be approved by the Utilities FOD or OM or OS. POD/POTW = 2:30pm Mon. thru Friday. No Smoking around Natural Gas Systems. Evaluate inside floor and housekeeping conditions to safely proceed with activities. Check in with Plant Operations Manager/Specialist or Operations Shift Head for final approved to proceed with tasks All	o Job Hazard Analysis [JHA] T Utilities FOD or OM or OS. POD/ proceed with activities. Check in w	Tool Facility Notes) POTW – 2:30pm Mon. 1	hru Friday. No Smoking arour	nd Natural Gas Systems. Eval	uate inside floor and
personnel entering 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. No safety shoes required for visitors if escorted by Operations or UI Engineering personnel. The West end front lobby and office areas of Bldg 22 considered a no hazard area.	the site specific training video in research for visitors if escorted by	oom 116 (Boiler Control y Operations or UI Engi	Room), one time requirement. (Roering personnel. The West	nons Shift Head for final approval to proceed with tasks nent. Observe safety signs and floor markings in all West end front lobby and office areas of Bldg 22 are	o proceed with tasks. All markings in all reas of Bldg 22 are
instructions: In the block below, identify work-area hazards that could potentially affect the worker(s) or others. Specify the facility controls and preventive measures that must be implemented by the worker(s) to protect against the site hazards as well as any special training required.	, identify work-area hazards tha worker(s) to protect against the	t could potentially affe	ct the worker(s) or others. Sp	ecify the facility controls an	d preventive measures
World Annual Control of the Control	ESHISE	S WORK AREA HA	ESH/S&S WORK AREA HAZARDS & CONTROLS		
Identify site hazards/concerns that could potentially affect the	that could potentially affect the	Work Area Fa Hazard Present Present	Facility Controls/ Preventive Measures/	Reference Documents	Training and Qualification
worker(s) or officials.		2 00	Sounding Conditions	List permits, operating	List training

No Work Area Hazards

reference procedures List permits, operating manuals, and other

requirements
(P300, Integretated
Work Management,
Section 6.1)

Specify preventive measures, controls and bounding conditions for each site hazard

7.4.77				
Confined Spaces		Observe confined space signs or markings	P101-27 Confined Space	Confined Space Traning
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.	⊠ Yes □ No	fined		
Specify Hazards:				
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	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	96.1		
Security Requirements Specify:	☐ Yes ⊠ No			
Other Hazards Specify: PESTS	⊠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 Subtactive COSS 11-7-14 Date Approval Expires 09/30/2017	0	7)	=
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Maintenance Procedure

TA-03 Power Plant – Servicing Flue Gas Recirculating Fan Bearings

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Review	frequency: 1 yr 🔲 2 yr 🗖	3 уг ⊠і́
Process Owner	Signature	Date
Armond Standley	Amond &	teredley 5-19-20,
Power Plant Maintenar		4
Reviewed by	Signature	Date
Phil Romero	This Rome	w 6/9/14
ESH Manager	100000000000000000000000000000000000000	
Approved by	Signature	Date
Scott McBride		/ 6/20/14
Maintenance Manager		*/
Reviewed by	Signature	Date
	Oignature	Duto
HAROLD SIS		6/24/1

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1	Purpose	5
2	Scope/Applicability	5
3	Prerequisites	5
4	Precautions and Limitations	5
5	Equipment, Supplies, etc.	6
6	Responsibilities	6
7	Procedural Steps	6
	7.1 Lubricate Bearings	6
	7.2 Follow-on Tasks	7
8	Records	8
9	Abbreviations, Acronyms, and Terms	8
10	References	8
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Utilities & Institutional Facilities Maintenance Procedure

TA-03 Power Plant - Servicing Flue Gas Recirculating Fan Bearings

1 Purpose

The purpose of this procedure is to provide instructions for lubricating the bearings on the Flue Gas Recirculating (FGR) Fans (FGR-001, -002, -003) located at the TA-03-22 Power Plant.

2 Scope/Applicability

- This maintenance procedure, UI-PROC-76-39-014-R1, Servicing Flue Gas Recirculating Fan Bearings, may only be worked in conjunction with a work control package that has been processed in accordance with the requirements contained in AP-WORK-002 R10, Work Planning. The procedure may not be used as a stand-alone work control document.
- 2. Affected Personnel: Power Plant Maintenance Personnel

3 Prerequisites

- 1. Required training and qualifications:
 - a. Utilities & Institutional Facilities (UI) procedures and work control processes
 - b. The current procedure and equipment
 - c. On-the-job training (OJT)
 - d. P101-3, Lockout/Tagout for Hazardous Energy Control
 - e. P101-18, Procedure for Pause/Stop Work
- 2. Pre-job briefing

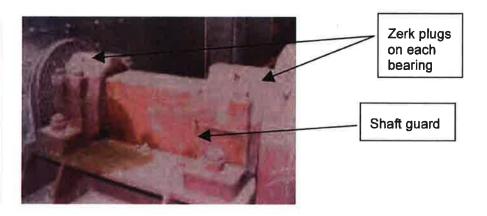
4 Precautions and Limitations

- 1. Required Personal Protective Equipment (PPE):
 - Hardhat
 - Steel-toe safety shoes
 - Safety glasses with side shields

There are two bearings on the fan, each with its own zerk plug. See Figure 1.

- 1. Use grease gun with the Ultralube headphones to insert the correct amount of Mobilith SHC 100 grease into zerk fitting.
 - a. Refer to UI-PROC-76-21-500, Lubricating Grease-Lubed Motor Bearings.
 - b. Apply grease while fan is running and stop when you hear the grease enter the running bearing.

Figure 1. FGR
Fan Drive.
Remove the shaft
guard located in
the middle of the
drive. The two
zerk plugs are
located on each of
the two bearings.



7.2 Follow-on Tasks

1. If problems are found, immediately notify Foreman and Superintendent so corrective action can be taken.

Will corrective action be required?

☐ Yes ☐ No

2. All tasks in this procedure have been completed.

Signature

Signature

Print name

7 number

This procedure is complete. Include the procedure number on the Work Documentation Form and attach signed copy of procedure to the Work Package.



AP-WORK-002: Attachment 11 Maintenance and Site Services Work Completion Form

Work Order/Task: 514753-01 5-11-15 Completion Date: 5-11-15 Start Date: SUMMARIZE THE WORK PERFORMED Date 5-11-15 FOR CORRECTIVE WORK - WHAT FAILED AND WHAT WAS FIXED FOR PMs – SUMMARIZE AS FOUND AND AS LEFT CONDITIONS BELOW As found As left Parts/Repairs Read/meas. Post test info. Problems Encountered (delays, safety, etc.): NONE **Lessons Learned/Recommendations:** Signature:

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: 170621 SANCHEZ K F W/O Title: PP 1M TA3-22 FGR BEARINGS, LUBRICATE Written To: TA03-0022 FAN, FLUE GAS RECIRCULING (FGR Task Dspln: Due Date: 06/30/2015	Work Order Task 00517239 01 MASTER Date: 04/08/2015 Page: 1		
Work Order Task Written To			
Facility: F08 Room: Equipment: Component: Location: Job Type: PM Tag 1: Work Item: TA03-0022 FGR Unit: 030022 Area: Component: Location: Ops Review Reqd:	Op Sys : Sys/Cls:		
Authorization			
Start Permission : Start Date: 5-11-15 Complete Notice : Salong Complete Date: 6-19-15			
NOTE:			
* Refer to attached Form 2101 - Non-Tenant Activity Form - Tenant Activity Form - for a description of site specific escort and access requirements.			
Work Order Task Instructions			
FURTHER INSTRUCTIONS/DETAILS PERFORM UMI AS PER UM 76-39-014			
QC Requirements/Comments			
Rework Reason/Cause			
CDSG CUSTOMER DESIGN IMCW IMPROPER CONSTRUCTION/WORKMANSHIP IMDN IMPROPER DESIGN PDMS PARTS/MATERIAL DID NOT MEET SPECIFICATIONS	(Y/N)		

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: 170621 SANCHEZ K F W/O Title: PP 1M TA3-22 FGR BEARINGS, LUBRICATE Written To: TA03-0022 FAN, FLUE GAS RECIRCULING (FGR Task Dspln: Due Date: 06/30/2015 Hazard: LOW IWD Reqmt: N/A LOW HZRD	Work Order Task 00517239 01 MASTER Date: 04/08/2015 Page: 3	
W WEATHER Date: Hours: Crew:	Shift:	
Major Failure/Action Taken Major Failure : Action Taken : Deficiency Tag Loc: Removed (Y/N): Deficiency Tag No.: Limited Cond Operation:		
Name Function/Dept. Comments: (rework?)	Date 6/18/15	
Equipment List Exceptions Equip List Rev Equip List Description SM22 FGR 000 TA03-0022 FAN, FLUE GAS RECIRCULATING Fac Unit Op Sys Division Are F08 030022 BL1 B1BSWT Equipment: FAN FGR-001 Name : FAN, FLUE GAS RECIRCULATING Equip Tag:	ea System Class U ML4	
Loc Desc: 03-0022 Exception Reason:		

ě

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: 170621 SANCHEZ

K F

W/O Title: PP 1M TA3-22 FGR BEARINGS, LUBRICATE

Written To: TA03-0022 FAN, FLUE GAS RECIRCULING (FGR

Task Dspln:

Due Date: 06/30/2015



Work Order Task

NATIONAL LABORATORY

-- 131.1443 --

00517239 01

MASTER

Date: 04/08/2015

Page:

5

Hazard: LOW

IWD Reqmt: N/A LOW HZRD

Work Order Task Written To

Facility : F08

Unit : 030022

Op Sys :

Room

Area :

Sys/Cls:

Equipment :

Location :

Job Type : PM

Tag 1 :

Tag 2:

Work Item: TA03-0022 FGR

Ops Review Reqd:

Component:

Print Request - Work Order Documents

Facility Type/Subtype Document Number

Sheet

Image Addr

F08

PROC PMI

76-39-014

SERVICING INDUCED & FORCED DRAFT & FLUE GAS

References/Document Information

Type/Subtyp: PROC PMI Number: 76-39-014

Title/Desc : SERVICING INDUCED & FORCED DRAFT & FLUE GAS

Sheet:

Image: N

**** END OF REPORT ****

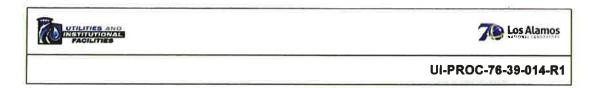
	S WORK AREA	ESHIS&S WORK AREA HAZARDS & CONTROLS		THE RESERVE OF THE PARTY OF THE
Concerns and concerns that could potentially affe	Work Area Hazard Present	Facility Controls/ Preventive Measures/ Bounding Conditions Specify preventive measures, controls and bounding conditions for each site hazard	Reference Documents List permits, operating manuals, and other reference	Training and Qualification List training requirements (P300_Integretated Work Management, Section 6_1)
Ionizing Radiation Work in posted radiological areas, work with radioactive materials or work on or near radiation producing devices. Specify Hazards:	☐ Yes ⊠ No			
Worker Exposure Working near non-ionizing radiation, beryllium, noise, chemicals, hazardous biological materials, lead, asbestos, temperature/humidity extremes, or high explosives. Specify Hazards:	X Yes No		P101-6 PPE P101-23 Asbestos P101-31 Hearing Conservations/Noi se Program	LANL PPE or equivalent Hearing protection Site specific training Asbestos awareness
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	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.	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	± 2		
Specify: PESTS	⊠ 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 082.0

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Form 2101 (4/12)



Maintenance Procedure

TA-03 ngs

Process Owner	Signature	Date
Armond Standley	Amond St.	sudley 5-19-201
Power Plant Maintenance	e Engineer	3
Reviewed by	Signature	Date
Phil Romero	This Rome	· 6/9/14
ESH Manager	A. I	- 177
Approved by	Signature	Date
Scott McBride		6/20/14
Maintenance Manager		17-71
Reviewed by	Signature	Date
HAYROLD SALA	1111	6/24/14
Derivative Classifier	1) NOMES 1	Liver

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6	Responsibilities	6
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	7.1 Lubricate Bearings	6
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9	Abbreviations, Acronyms, and Terms	8
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44	Appendices and Attachments	۰

Utilities & Institutional Facilities Maintenance Procedure

TA-03 Power Plant – Servicing Flue Gas Recirculating Fan Bearings

1 Purpose

The purpose of this procedure is to provide instructions for lubricating the bearings on the Flue Gas Recirculating (FGR) Fans (FGR-001, -002, -003) located at the TA-03-22 Power Plant.

2 Scope/Applicability

- 1. This maintenance procedure, UI-PROC-76-39-014-R1, Servicing Flue Gas Recirculating Fan Bearings, may only be worked in conjunction with a work control package that has been processed in accordance with the requirements contained in AP-WORK-002 R10, Work Planning. The procedure may not be used as a stand-alone work control document.
- 2. Affected Personnel: Power Plant Maintenance Personnel

3 Prerequisites

- Required training and qualifications:
 - a. Utilities & Institutional Facilities (UI) procedures and work control processes
 - b. The current procedure and equipment
 - c. On-the-job training (OJT)
 - d. P101-3, Lockout/Tagout for Hazardous Energy Control
 - e. P101-18, Procedure for Pause/Stop Work
- 2. Pre-job briefing

4 Precautions and Limitations

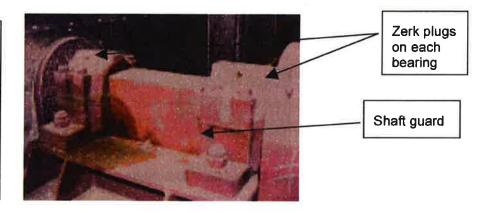
- Required Personal Protective Equipment (PPE):
 - Hardhat
 - Steel-toe safety shoes
 - · Safety glasses with side shields

UI-PROC-76-39-014-R1

There are two bearings on the fan, each with its own zerk plug. See Figure 1.

- 1. Use grease gun with the Ultralube headphones to insert the correct amount of Mobilith SHC 100 grease into zerk fitting.
 - a. Refer to UI-PROC-76-21-500, Lubricating Grease-Lubed Motor Bearings.
 - b. Apply grease while fan is running and stop when you hear the grease enter the running bearing.

Figure 1. FGR
Fan Drive.
Remove the shaft
guard located in
the middle of the
drive. The two
zerk plugs are
located on each of
the two bearings.



7.2 Follow-on Tasks

1. If problems are found, immediately notify Foreman and Superintendent so corrective action can be taken.

Will corrective action be required?

☐ Yes ☑ No

2. All tasks in this procedure have been completed.

Signature

Drint name

Z-number

Date - 18/1

This procedure is complete. Include the procedure number on the Work Documentation Form and attach signed copy of procedure to the Work Package.

Mandatory Questions for All Pre-Job Briefs

The purpose of this document is to demonstrate compliance with the Release of Craft requirements directed by MSS-DO on 17 June 15. Until a formal document is institutionalized by the Work Control Group this document will be included in <u>all</u> work control packages (CM, PM, Planned, Unplanned, etc). Each of the questions listed below will be discussed at each Pre Job Brief with all affected personnel. Compliance will be demonstrated by the signature from the person performing the Pre Job Brief on the bottom of this document. This document is a permanent part of <u>all</u> work packages until further notice.

Topic State of the state of the	Completed (X)
Assume we are going to have an accident on this job. How did it happen? How can we prevent it?	X
What is the worst thing that can happen on this job? How can we keep it from happening?	X
What hazards will you encounter in performing this work?	7
Is there a better way to address the hazards you will encounter?	4
Have all safety issues concerning this task been addressed to your satisfaction?	

Signature (Person Performing Pre-Job)

Date

6/18/2015



AP-WORK-002.11

AP-WORK-002: Attachment 11 Maintenance and Site Services Work Completion Form

Work Order/Task: 517239-01 Start Date: 6.18.2015 Completion Date: 6-18-15 SUMMARIZE THE WORK PERFORMED Date 6/18/15 HOLD PRE. JOB - DISCUSSED WORK TASKS & WORK THEK HAZARDS. Completed MANDATORY BRIEF WITH CREW. QUESTION 6-18-15 IN Using ultra- Soni FOR CORRECTIVE WORK - WHAT FAILED AND WHAT WAS FIXED FOR PMs - SUMMARIZE AS FOUND AND AS LEFT CONDITIONS BELOW As found As left Parts/Repairs Read/meas. Post test info. Problems Encountered (delays, safety, etc.): Lessons Learned/Recommendations: Signature:

ATTACHMENT A1307.H.

TA-03 Power Plant

Combustion Turbine Emission Stack Test Report

Attachment A1307.H

TA-3 Power Plant - Combustion Turbine Emission Stack Test Report

The most recent annual emission stack test for the TA-3 Combustion Turbine was conducted on December 16, 2014. An emission stack test is not required during this reporting period (January-June 2015).