

STATE OF NEVADA  
Department of Conservation & Natural Resources  
DIVISION OF ENVIRONMENTAL PROTECTION

Jim Gibbons, Governor  
Allen Biaggi, Director

Leo M. Drozdoff, P.E., Administrator

December 11, 2007

Daniel Pellegrino  
Assistant Manager – Environment, Safety, Health & Quality Assurance  
U.S Department of Energy's  
National Nuclear Security Administration  
Sandia Site Office  
P.O. Box 5400  
Albuquerque, New Mexico 87185-5400

**RE: Issuance of Reopened Air Quality Operating Permit FIN A0025, AP8733-0680.02**

Dear Mr. Pellegrino:

On October 22, 2007 the Nevada Division of Environmental Protection (NDEP) Bureau of Air Pollution Control (BAPC) issued a letter to National Nuclear Security Administration Nevada Site Office (NNSA), Sandia Site Office (SSO) stating that NDEP BAPC will reopen and revise the Air Quality Operating permit for NNSA, NTS, AP8733-0680.02.

The purpose of the reopening and revision of this permit is to correct the material mistakes in the revised operating permit issued on August 11, 2006. NNSA-SSO staff have spoken with NDEP BAPC staff and requested to re-open the permit for the following:

**Remove Units from Insignificant Activities List and add them as Permitted Units**

- It has been determined that the Paint Shop, Welding Area and Carpentry Area cannot be designated as Insignificant Activities. Although, these operations rarely operate, NDEP's determination of insignificant activities are calculated based on maximum hourly usage rates and 8,760 operational hours per year. These operations will require throughput limits and hourly limits.



Enclosed is your copy of the revised Operating Permit AP8733-0680.02. In accordance with Nevada Revised Statute 445B.340, you may appeal the department's action of issuance of this operating permit renewal within 10 days after you receive the permit. Appeals may be filed with the State Environmental Commission, 901 S. Stewart Street, Suite 4001, Carson City, Nevada, 89701-5249, telephone 775-687-4670.

Please review your revised permit carefully to understand all conditions, restrictions, and monitoring and recordkeeping requirements. If you have any questions, please call Ben Kahue of my staff, at 775-687-9460 or me at 775-687-9391.

Sincerely,



Matthew A. DeBurle  
Supervisor, Permitting Branch  
Bureau of Air Pollution Control

MAD/bkk

Enclosures:

Revised Class II Operating Permit AP87733-0680.02

✓ CC w/ Enclosures:

Carolyn Holloway, National Nuclear Security Administration Sandia Site Office, P.O. Box 5400,  
Albuquerque, New Mexico 87185-5400

Certified Mail No. 7007 0220 0003 5224 9274



## BUREAU OF AIR POLLUTION CONTROL

901 SOUTH STEWART STREET SUITE 4001

CARSON CITY, NEVADA 89701-5249

p: 775-687-9350 • [www.ndep.nv.gov/bapc](http://www.ndep.nv.gov/bapc) • f: 775-687-6396

**Facility ID No. A0025**

**Permit No. AP8733-0680.02**

### CLASS II AIR QUALITY OPERATING PERMIT

**Issued to:** U.S. DEPARTMENT OF ENERGY'S (DOE) NATIONAL NUCLEAR SECURITY ADMINISTRATION (NNSA)

**Mailing Address:** P.O. BOX 5400, ALBUQUERQUE, NEW MEXICO 87185-5400

**Physical Address:** NONE

**General Facility Location:** TOWNSHIPS 1-4 S, RANGES 45-50 E, ALL SECTIONS, MDB&M (HA 148 and 149)

**Emission Unit List (8 Emission Units):**

**Overstrom 3 x 5 Screening Plant**

**System 01 – Loading**

- PF 1.001 Loading of feed hopper
- PF 1.002 Feed hopper and discharge to screen

**System 02 – Screen**

- PF 1.003 Screen, 3x5, manufactured by Overstrom, model ISI 40 60, serial #748
- PF 1.004 Screen discharge to product stacking conveyor

**System 03 – Product Stacking Conveyor**

- PF 1.005 Product stack conveyor and discharge to stockpile

**System 04 – Portable Screen**

- PF 1.006 Material transfer to screen
- PF 1.007 Screen, 12x8, manufactured by Stone Brothers, no model or serial number
- PF 1.008 Screen discharge to stockpile

**System 05 – Painting Operation**

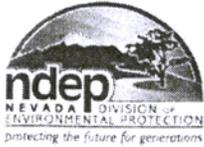
- PF 1.009 Painting Operation

**System 06 – Welding Operation**

- PF 1.010 Welding Operation

**System 07 – Carpentry Area**

- PF 1.011 Wood Usage
- PF 1.012 Chemical Usage



**BUREAU OF AIR POLLUTION CONTROL**

**Facility ID No. A0025**

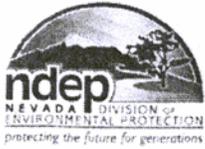
**Permit No. AP8733-0680.02**

**CLASS II AIR QUALITY OPERATING PERMIT**

**Issued to:** U.S. DEPARTMENT OF ENERGY'S (DOE) NATIONAL NUCLEAR SECURITY ADMINISTRATION (NNSA)

**Section I. General Conditions**

- A. Severability (Nevada Administrative Code (NAC) 445B.315.3(c))  
Each of the conditions and requirements of this Operating Permit is severable and, if any are held invalid, the remaining conditions and requirements continue in effect.
- B. Prohibited Acts (Nevada Revised Statute (NRS) 445B.470)  
Permittee shall not knowingly:
1. Violate any applicable provision, the terms or conditions of any permit or any provision for the filing of information;
  2. Fail to pay any fee;
  3. Falsify any material statement, representation or certification in any notice or report; or
  4. Render inaccurate any monitoring device or method, required pursuant to the provisions of NRS 445B.100 to 445B.450, inclusive, or 445B.470 to 445B.640, inclusive, or any regulation adopted pursuant to those provisions.
- C. Prohibited Conduct: Concealment of Emissions (NAC 445B.225)  
Permittee shall not install, construct, or use any device which conceals any emission without reducing the total release of regulated air pollutants to the atmosphere.
- D. Compliance/Noncompliance (NAC 445B.315.3(d))  
Permittee shall comply with all conditions of this Operating Permit. Any noncompliance constitutes a violation and is grounds for:
1. An action for noncompliance;
  2. Revising, revoking, reopening and revising, or terminating the Operating Permit; or
  3. Denial of an application for a renewal of the Operating Permit.
- E. NAC 445B.315.3(e)  
The need to halt or reduce activity to maintain compliance with the conditions of this Operating Permit is not a defense to noncompliance with any conditions of this Operating Permit.
- F. NAC 445B.315.3(f)  
The director may revise, revoke and reissue, reopen and revise, or terminate the operating permit for cause.
- G. NAC 445B.315.3(g)  
This Operating Permit does not convey any property rights or any exclusive privilege.
- H. NAC 445B.315.3(h)  
Permittee shall provide the Bureau of Air Pollution Control, within a reasonable time, with any information that the Bureau of Air Pollution Control requests in writing to determine whether cause exists for revising, revoking and reissuing, reopening and revising or terminating this Operating Permit or to determine compliance with the conditions of this Operating Permit.
- I. Fees (NAC 445B.315.3(i))  
Permittee shall pay fees to the Bureau of Air Pollution Control in accordance with the provisions set forth in NAC 445B.327 and 445B.331.
- J. Right to Entry (NAC 445B.315.3(j))  
Permittee shall allow the Bureau of Air Pollution Control personnel, upon the presentation of credentials, to:
1. Enter upon the premises of Permittee where:
    - a. The stationary source is located;
    - b. Activity related to emissions is conducted; or
    - c. Records are kept pursuant to the conditions of this Operating Permit;
  2. Have access to and copy, during normal business hours, any records that are kept pursuant to the conditions of this Operating Permit;
  3. Inspect, at reasonable times, any facilities, practices, operations, or equipment, including any equipment for monitoring or controlling air pollution, that are regulated or required pursuant to this Operating Permit; and
  4. Sample or monitor, at reasonable times, substances or parameters to determine compliance with the conditions of this Operating Permit or applicable requirements.
- K. Certification (NAC 445B.315.3(k))  
A responsible official of Permittee shall certify that, based on information and belief formed after reasonable inquiry, the statements made in any document required to be submitted by any condition of this Operating Permit are true, accurate and complete.



**BUREAU OF AIR POLLUTION CONTROL**

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**Permit No. AP8733-0680.02**

**CLASS II AIR QUALITY OPERATING PERMIT**

**Issued to:** U.S. DEPARTMENT OF ENERGY'S (DOE) NATIONAL NUCLEAR SECURITY ADMINISTRATION (NNSA)

**Section I. General Conditions (continued)**

**L. Testing and Sampling (NAC 445B.252)**

1. To determine compliance with NAC 445B.001 to 445B.3497, inclusive, before the approval or the continuance of an operating permit or similar class of permits, the director may either conduct or order the owner of any stationary source to conduct or have conducted such testing and sampling as the director determines necessary. Testing and sampling or either of them must be conducted and the results submitted to the director within 60 days after achieving the maximum rate of production at which the affected facility will be operated, but not later than 180 days after initial startup of the facility and at such times as may be required by the director.
2. Tests of performance must be conducted and data reduced in accordance with the methods and procedures of the test contained in each applicable subsection of this section unless the director:
  - a. Specifies or approves, in specific cases, the use of a method of reference with minor changes in methodology;
  - b. Approves the use of an equivalent method;
  - c. Approves the use of an alternative method, the results of which he has determined to be adequate for indicating whether a specific stationary source is in compliance; or
  - d. Waives the requirement for tests of performance because the owner or operator of a stationary source has demonstrated by other means to the director's satisfaction that the affected facility is in compliance with the standard.
3. Tests of performance must be conducted under such conditions as the director specifies to the operator of the plant based on representative performance of the affected facility. The owner or operator shall make available to the director such records as may be necessary to determine the conditions of the performance test. Operations during periods of startup, shutdown and malfunction must not constitute representative conditions of a performance test unless otherwise specified in the applicable standard. (NAC 445B.252.3)
4. Permittee shall give notice to the director 30 days before the test of performance to allow the director to have an observer present. A written testing procedure for the test of performance must be submitted to the director at least 30 days before the test of performance to allow the director to review the proposed testing procedures. (NAC 445B.252.4)
5. Each test of performance must consist of at least three separate runs using the applicable method for that test. Each run must be conducted for the time and under the conditions specified in the applicable standard. For the purpose of determining compliance with an applicable standard, the arithmetic means of results of the runs apply. In the event of forced shutdown, failure of an irreplaceable portion of the sampling train, extreme meteorological conditions or other circumstances with less than three valid samples being obtained, compliance may be determined using the arithmetic mean of the results of the other two runs upon the director's approval. (NAC 445B.252.5)
6. All testing and sampling will be performed in accordance with recognized methods and as specified by the director. (NAC 445B.252.6)
7. The cost of all testing and sampling and the cost of all sampling holes, scaffolding, electric power and other pertinent allied facilities as may be required and specified in writing by the director must be provided and paid for by the owner of the stationary source. (NAC 445B.252.7)
8. All information and analytical results of testing and sampling must be certified as to their truth and accuracy and as to their compliance with all provisions of NAC 445B.001 to 445B.3497, inclusive, and copies of these results must be provided to the director no later than 60 days after the testing or sampling, or both.

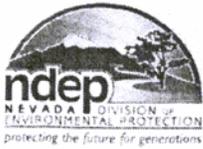
**M. Maximum Opacity of Emissions (NAC 445B.22017)**

1. Except as otherwise provided in NAC 445B.22017 to 445B.22023, Permittee may not cause or permit the discharge into the atmosphere from any emission unit opacity equal to or greater than 20 percent. Opacity must be determined by one of the following methods:
  - a. If opacity is determined by a visual measurement, it must be determined as set forth in Reference Method 9 in Appendix A of 40 C.F.R. Part 60.
  - b. If a source uses a continuous monitoring system for the measurement of opacity, the data must be reduced to 6-minute averages as set forth in 40 CFR § 60.13(h).
2. The provisions of NAC 445B.22017 to 445B.22023 do not apply to that part of the opacity that consists of uncombined water. The burden of proof to establish the application of this exemption is upon the person seeking to come within the exemption.

**N. Exceptions for Stationary Sources (NAC 445B.2202)**

NAC 445B.22017 to 445B.22023, inclusive, do not apply to:

1. Smoke from the open burning described in NAC 445B.22067;
2. Smoke discharged in the course of training air pollution control inspectors to observe visible emissions, if the facility has written approval of the commission;
3. Emissions from an incinerator as set forth in NAC 445B.2207;
4. Emission from a permit batch process when charging which does not exceed 60 minutes and for no more than one charging in any 24 consecutive hours;
5. Emissions of stationary diesel-powered engines during warmup for not longer than 15 minutes to achieve operating temperatures; or
6. Emission from a steam generating unit fired by fossil fuel or wood for boiler lancing or soot blowing, not to exceed 180 minutes in any 24 consecutive hours.



**BUREAU OF AIR POLLUTION CONTROL**

**Facility ID No. A0025**

**Permit No. AP8733-0680.02**

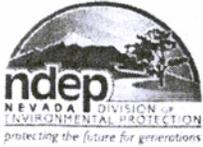
**CLASS II AIR QUALITY OPERATING PERMIT**

**Issued to:** U.S. DEPARTMENT OF ENERGY'S (DOE) NATIONAL NUCLEAR SECURITY ADMINISTRATION (NNSA)

**Section I. General Conditions (continued)**

- O. Odors (NAC 445B.22087)  
Permittee may not discharge or cause to be discharged, from any stationary source, any material or regulated air pollutant which is or tends to be offensive to the senses, injurious or detrimental to health and safety, or which in any way interferes with or prevents comfortable enjoyment of life or property.
- P. Assertion of Emergency as Affirmative Defense to Action for Noncompliance (NAC 445B.326.1)  
Permittee may assert an affirmative defense to an action brought for noncompliance with a technology-based emission limitation contained in the Operating Permit if the holder of the Operating Permit demonstrates through signed, contemporaneous operating logs or other relevant evidence that:
1. An emergency (as defined in NAC 445B.056) occurred and the holder of the Operating Permit can identify the cause of the emergency;
  2. The facility was being properly operated at the time of the emergency;
  3. During the emergency, the holder of the Operating Permit took all reasonable steps to minimize excess emissions; and
  4. Permittee submitted notice of the emergency to the director within 2 working days after the emergency. The notice must contain a description of the emergency, any steps taken to mitigate emissions, and any corrective actions taken to restore the normal operation of the facility.
  5. In any action for noncompliance, Permittee, by asserting the affirmative defense of any emergency, has the burden of proof.
- Q. Revocation and reissuance (NAC 445B.3265)  
1. This Operating Permit may be revoked if the control equipment is not operating. (NAC 445B.3265.1)  
2. This Operating Permit may be revoked by the director upon determination that there has been a violation of NAC 445B.001 to 445B.3497, inclusive, or the provisions of 40 CFR § 52.21, or 40 C.F.R. Part 60 or 61, Prevention of Significant Deterioration, New Source Performance Standards, and National Emission Standards for Hazardous Air Pollutants adopted by reference in NAC 445B.221. (NAC 445B.3265.2)  
3. The revocation is effective 10 days after the service of a written notice, unless a hearing is requested. (NAC 445B.3265.3)

\*\*\*\*\*End of General Conditions\*\*\*\*\*



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**Section II. General Construction Conditions**

A. Notification (NAC 445B.250.4, NAC 445B.346.2)

The Bureau of Air Pollution Control will be notified in writing of any physical or operational change to an existing facility which may increase the emission rate of any regulated air pollutant to which a standard applies, unless that change is specifically exempted under an applicable section or in NAC 445B.239 or 445B.242 and the exemption is not denied under those sections. The notice must be postmarked 60 days or as soon as practicable before the change is commenced and must include information describing the precise nature of the change, present and proposed emission control systems, productive capacity of the facility before and after the change, and the expected completion date of the change. The director may request additional relevant information subsequent to this notice.

**\*\*\*\*\*End of General Construction Conditions\*\*\*\*\***



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**Section IIA. Specific Construction Requirements**

N/A

**\*\*\*\*\*End of Specific Construction Requirements\*\*\*\*\***



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**Section III. General Operating Conditions**

**A. Facilities Operation (NAC 445B.227)**

Permittee may not:

1. Operate a stationary source of air pollution unless the control equipment for air pollution which is required by applicable requirements or conditions of this Operating Permit is installed and operating.
2. Disconnect, alter, modify or remove any of the control equipment for air pollution or modify any procedure required by an applicable requirement or condition of this Operating Permit.

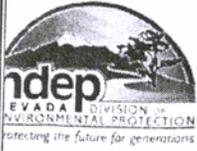
**B. Excess Emissions (NAC 445B.232; NAC 445B.346.2)**

1. Scheduled maintenance or testing or scheduled repairs which may result in excess emissions of regulated air pollutants prohibited by NAC 445B.001 to 445B.3497, inclusive, must be approved by the director and performed during a time designated by the director as being favorable for atmospheric ventilation.
2. The director must be notified in writing of the time and expected duration at least 24 hours in advance of any scheduled maintenance which may result in excess emissions of regulated air pollutants prohibited by NAC 445B.001 to 445B.3497, inclusive.
3. The director must be notified in writing or by telephone of the time and expected duration at least 24 hours in advance of any scheduled repairs which may result in excess emissions of regulated air pollutants prohibited by NAC 445B.001 to 445B.3497, inclusive.
4. The director must be notified of any excess emissions within 24 hours after any malfunction or upset of the process equipment or equipment for controlling pollution or during startup or shutdown of such equipment. The telephone number for the notification is (775) 687-4670.
5. Permittee, as the owner or operator of an affected facility, shall provide the director, within 15 days after any malfunction, upset, startup, shutdown, or human error which results in excess emissions, sufficient information to enable the director to determine the seriousness of the excess emissions. The information must include at least the following:
  - a. The identity of the stack or other point of emission, or both, where the excess emissions occurred.
  - b. The estimated magnitude of the excess emissions expressed in opacity or in units of the applicable limitation on emission and the operating data and methods used in estimating the magnitude of the excess emissions.
  - c. The time and duration of the excess emissions.
  - d. The identity of the equipment causing the excess emissions.
  - e. If the excess emissions were the result of a malfunction, the steps taken to remedy the malfunction and the steps taken or planned to prevent the recurrence of the malfunction.
  - f. The steps taken to limit the excess emissions.
  - g. Documentation that the equipment for controlling air pollution, process equipment, or processes were at all times maintained and operated, to a maximum extent practicable, in a manner consistent with good practice for minimizing emissions.

**C. Permit Revision (NAC 445B.287.1.b)**

A revision of this operating permit is required pursuant to the requirements of NAC 445B.3465 before the stationary source may be modified.

**\*\*\*\*\*End of General Operating Conditions\*\*\*\*\***



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**Section IV. General Monitoring and Recordkeeping**

- A. Records Retention (NAC 445B.315.3(b))  
Permittee shall retain records of all required monitoring data and supporting information for 5 years from the date of the sample collection, measurement, report or analysis. Supporting information includes, but is not limited to, all records regarding calibration and maintenance of the monitoring equipment and all original strip-chart recordings for continuous monitoring instrumentation.
- B. Reporting (NAC 445B.346.3)  
Permittee will promptly report to the director any deviations from the requirements of this Operating Permit. The report to the director will include the probable cause of all deviations and any action taken to correct the deviations. For this Operating Permit, prompt is defined as submittal of a report within 15 days of the deviation. This definition does not alter any reporting requirements as established for reporting of excess emissions as required under NAC 445B.232 and under condition III.B of this permit.
- C. Yearly Reports (NAC 445B.315.3(h), NAC 445B.346.2)  
Permittee will submit yearly reports including, but not limited to, throughput, production, fuel consumption, hours of operation, and emissions. These reports will be submitted on the form provided by the Bureau of Air Pollution Control for all emission units/systems specified on the form. The completed form must be submitted to the Bureau of Air Pollution Control no later than March 1 annually for the preceding calendar year.
- D. NESHAP Requirements (40 CFR §61, Subpart H, National Emission Standards for Emissions of Radionuclides Other Than Radon From Department of Energy Facilities)
1. Emissions (40 CFR §61.92, Subpart H, National Emission Standards for Emissions of Radionuclides Other Than Radon From Department of Energy Facilities).  

Emissions of radionuclides to the ambient air shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/year.
  2. Monitoring, Testing and Compliance (40 CFR §61.93 and §61.94(a), Subpart H, National Emission Standards for Emissions of Radionuclides Other Than Radon From Department of Energy Facilities).
    - a. The approved monitoring plan provides a graded approach to future NESHAP air monitoring requirements. The dose based requirement for discontinuing air monitoring at TTR has been satisfied. Air monitoring for NESHAP compliance purposes, as outlined in the approved National Emission Standard for Hazardous Air Pollutants (NESHAP) Monitoring Plan for the Tonopah Test Rate (TTR), has been discontinued.
    - b. In the event that conditions change or are modified under which the monitoring plan was prepared and the monitoring was conducted, then Permittee will be required to determine compliance with the standard based on the new or modified conditions. Radionuclide emissions shall be determined and effective dose equivalent values to members of the public calculated using EPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which EPA has granted prior approval.
    - c. Compliance with the standard shall be determined by calculating the highest effective dose equivalent to any member of the public at any offsite point where there is a residence, school, business or office.
  3. Reporting (40 CFR §61.94, Subpart H, National Emission Standards for Emissions of Radionuclides Other Than Radon From Department of Energy Facilities).
    - a. Annual reports shall be submitted to the Director demonstrating there has been no change or modification in the conditions under which the monitoring was conducted, and that no new or modified buildings or structures that emit radionuclides have been fabricated, erected or installed. Annual reports are due by June 30 for the preceding calendar year.
    - b. The annual report shall also include all information as specified in 40 CFR §61.94(b)(1) through (9). If the facility is not in compliance with the emission limits of 40 CFR §61.92 in the calendar year covered by the report, then Permittee must commence reporting to the Director on a monthly basis the information specified in 40 CFR §61.94(b)(1) through (9), for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance and will be due 30 days following the end of each month. This increased level of reporting will continue until the Director has determined that the monthly reports are no longer necessary. In addition to all the information required in 40 CFR §61.94(b)(1) through (9), monthly reports shall also include the information specified in 40 CFR §61.94(c)(1) and (2).



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**Section IV. General Monitoring and Recordkeeping (continued)**

- D. NESHAP Requirements (40 CFR §61, Subpart H, National Emission Standards for Emissions of Radionuclides Other Than Radon From Department of Energy Facilities) (continued)
4. Recordkeeping (40 CFR §61.95, Subpart H, National Emission Standards for Emissions of Radionuclides Other Than Radon From Department of Energy Facilities)

Permittee must maintain records documenting the source of input parameters including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedures used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Director, or his authorized representative.

**\*\*\*\*\*End of General Monitoring and Recordkeeping Conditions\*\*\*\*\***



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**Section V. Specific Operating Conditions**

**A. Emission Units PF1.001 and PF1.002** Location North 4183.080 km, East 522.053 km, UTM (Zone 11)

**System 01 – Loading**

PF 1.001	Loading of feed hopper
PF 1.002	Feed hopper and discharge to screen

1. Air Pollution Equipment (NAC 445B.308.7, NAC 445B.346.1)  
Emissions from **PF1.001 and PF1.002** shall be controlled by a metal cover located at both **PF1.001 and PF1.002**.
2. Emission Limits (NAC 445B.305, NAC 445B.346.1)  
On and after the date of startup of **PF1.001 and PF1.002**, Permittee will not discharge or cause the discharge into the atmosphere the following pollutants in excess of the following specified limits:
  - a. The discharge of PM (particulate matter) to the atmosphere will not exceed 0.03 pound per hour, nor more than 0.13 ton per year, each.
  - b. The discharge of PM<sub>10</sub> (particulate matter less than 10 microns in diameter) to the atmosphere will not exceed 0.01 pound per hour, nor more than 0.05 ton per year, each.
  - c. The opacity from **PF1.001 and PF1.002** each will not equal or exceed 20 percent in accordance with NAC 445B.22017.
3. Operating Parameters (NAC 445B.308.7; NAC 445B.346.1)
  - a. The maximum allowable throughput rate for **PF1.001 and PF1.002** each will not exceed 20 tons of gravel, soil, sand and test debris sifting per any one-hour period.
  - b. Hours
    - (1) **PF1.001 and PF1.002** each may operate 8,760 hours per calendar year.
4. Monitoring, Testing and Reporting (NAC 445B.308.7; NAC 445B.346.2)
  - a. Monitoring and Recordkeeping  
Permittee, upon the issuance date of this permit, will:
    - (1) Monitor the throughput rate of gravel, soil, sand and test debris sifting for **PF1.001 and PF1.002** on a daily basis.
    - (2) Monitor the hours of operation for **PF1.001 and PF1.002** on a daily basis.
    - (3) The required monitoring established in (1) and (2) above, will be maintained in a contemporaneous log containing, at a minimum, the following recordkeeping:
      - (a) The calendar date of any required monitoring.
      - (b) The total daily throughput rate of gravel, soil, sand and test debris sifting in tons, for the corresponding date.
      - (c) The total daily hours of operation for the corresponding date.
      - (d) The corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate will be determined from the total daily throughput rate and the total daily hours of operation recorded in (b) and (c) above.



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**Permit No. AP8733-0680.02**

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**Issued to:** U.S. DEPARTMENT OF ENERGY'S (DOE) NATIONAL NUCLEAR SECURITY ADMINISTRATION (NNSA)

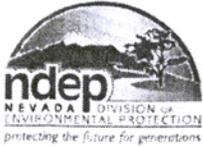
**Section V. Specific Operating Conditions (continued)**

**B. Emission Units PF1.003 and PF1.004** Location North 4183.080 km, East 522.053 km, UTM (Zone 11)

**System 02 – Screen**

PF 1.003	Screen, 3x5, manufactured by Overstrom, model ISI 40 60, serial #748
PF 1.004	Screen discharge to product stacking conveyor

1. Air Pollution Equipment (NAC 445B.308.7, NAC 445B.346.1)  
Emissions from **PF1.003** and **PF1.004** shall be controlled by a metal cover located at both **PF1.003** and **PF1.004**.
2. Emission Limits (NAC 445B.305, NAC 445B.346.1)  
On and after the date of startup of **PF1.003** and **PF1.004**, Permittee will not discharge or cause the discharge into the atmosphere the following pollutants in excess of the following specified limits:
  - a. The discharge of PM to the atmosphere will not exceed 0.25 pound per hour, nor more than 1.10 tons per year, combined.
  - b. The discharge of PM<sub>10</sub> to the atmosphere will not exceed 0.09 pound per hour, nor more than 0.38 ton per year, combined.
  - c. The opacity from **PF1.003** and **PF1.004** each will not equal or exceed 20 percent in accordance with NAC 445B.22017.
3. Operating Parameters (NAC 445B.308.7; NAC 445B.346.1)
  - a. The maximum allowable throughput rate for **PF1.003** and **PF1.004** combined will not exceed 20 tons of gravel, soil, sand and test debris sifting per any one-hour period.
  - b. Hours
    - (1) **PF1.003** and **PF1.004** each may operate 8,760 hours per calendar year.
4. Monitoring, Testing and Reporting (NAC 445B.308.7; NAC 445B.346.2)
  - a. Monitoring and Recordkeeping  
Permittee, upon the issuance date of this permit, will:
    - (1) Monitor the throughput rate of gravel, soil, sand and test debris sifting for **PF1.003** and **PF1.004** on a daily basis.
    - (2) Monitor the hours of operation for **PF1.003** and **PF1.004** on a daily basis.
    - (3) The required monitoring established in (1) and (2) above, will be maintained in a contemporaneous log containing, at a minimum, the following recordkeeping:
      - (a) The calendar date of any required monitoring.
      - (b) The total daily throughput rate of gravel, soil, sand and test debris sifting in tons, for the corresponding date.
      - (c) The total daily hours of operation for the corresponding date.
      - (d) The corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate will be determined from the total daily throughput rate and the total daily hours of operation recorded in (b) and (c) above.



**BUREAU OF AIR POLLUTION CONTROL**

**Facility ID No. A0025**

**Permit No. AP8733-0680.02**

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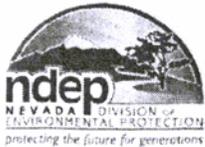
**Section V. Specific Operating Conditions (continued)**

C. **Emission Unit PF1.005** Location North 4183.080 km, East 522.053 km, UTM (Zone 11)

**System 03 – Product Stacking Conveyor**

PF 1.005 Product stacking conveyor and discharge to stockpile

1. Air Pollution Equipment (NAC 445B.308.7, NAC 445B.346.1)  
Emissions from **PF1.005** shall be controlled by a metal cover located at **PF1.005**.
2. Emission Limits (NAC 445B.305, NAC 445B.346.1)  
On and after the date of startup of **PF1.005**, Permittee will not discharge or cause the discharge into the atmosphere the following pollutants in excess of the following specified limits:
  - a. The discharge of PM to the atmosphere will not exceed 0.03 pound per hour, nor more than 0.13 ton per year.
  - b. The discharge of PM<sub>10</sub> to the atmosphere will not exceed 0.01 pound per hour, nor more than 0.05 ton per year.
  - c. The opacity from **PF1.005** will not equal or exceed 20 percent in accordance with NAC 445B.22017.
3. Operating Parameters (NAC 445B.308.7; NAC 445B.346.1)
  - a. The maximum allowable throughput rate for **PF1.005** will not exceed 20 tons of gravel, soil, sand and test debris sifting per any one-hour period.
  - b. Hours
    - (1) **PF1.005** may operate 8,760 hours per calendar year.
4. Monitoring, Testing and Reporting (NAC 445B.308.7; NAC 445B.346.2)
  - a. Monitoring and Recordkeeping  
Permittee, upon the issuance date of this permit, will:
    - (1) Monitor the throughput rate of gravel, soil, sand and test debris sifting for **PF1.005** on a daily basis.
    - (2) Monitor the hours of operation for **PF1.005** on a daily basis.
    - (3) The required monitoring established in (1) and (2) above, will be maintained in a contemporaneous log containing, at a minimum, the following recordkeeping:
      - (a) The calendar date of any required monitoring.
      - (b) The total daily throughput rate of gravel, soil, sand and test debris sifting in tons, for the corresponding date.
      - (c) The total daily hours of operation for the corresponding date.
      - (d) The corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate will be determined from the total daily throughput rate and the total daily hours of operation recorded in (b) and (c) above.



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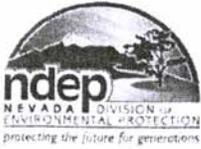
**Section V. Specific Operating Conditions (continued)**

**D. Emission Units PF1.006 through PF1.008** Location North 4183.080 km, East 522.053 km, UTM (Zone 11)

**System 04 - Portable Screen**

PF 1.006	Material transfer to screen
PF 1.007	Screen, 12x8, manufactured by Stone Brothers, no model or serial number
PF 1.008	Screen discharge to stockpile

1. Air Pollution Equipment (NAC 445B.308.7, NAC 445B.346.1)  
Emissions from **PF1.006 through PF1.008** shall be controlled by water sprays located at **PF1.006 through PF1.008**.
2. Emission Limits (NAC 445B.305, NAC 445B.346.1)  
On and after the date of startup of **PF1.006 through PF1.008**, Permittee will not discharge or cause the discharge into the atmosphere the following pollutants in excess of the following specified limits:
  - a. The discharge of PM to the atmosphere will not exceed 0.13 pound per hour, nor more than 0.55 ton per year, combined.
  - b. The discharge of PM<sub>10</sub> to the atmosphere will not exceed 0.04 pound per hour, nor more than 0.19 ton per year, combined.
  - c. The opacity from **PF1.006 through PF1.008** each will not equal or exceed 20 percent in accordance with NAC 445B.22017.
3. Operating Parameters (NAC 445B.308.7; NAC 445B.346.1)
  - a. The maximum allowable throughput rate for **PF1.006 through PF1.008** combined will not exceed 20 tons of gravel, soil, sand and test debris sifting per any one-hour period.
  - b. Hours
    - (1) **PF1.006 through PF1.008** each may operate 8,760 hours per calendar year.
4. Monitoring, Testing and Reporting (NAC 445B.308.7; NAC 445B.346.2)
  - a. Monitoring and Recordkeeping  
Permittee, upon the issuance date of this permit, will:
    - (1) Monitor the throughput rate of gravel, soil, sand and test debris sifting for **PF1.006 through PF1.008** on a daily basis.
    - (2) Monitor the hours of operation for **PF1.006 through PF1.008** on a daily basis.
    - (3) The required monitoring established in (1) and (2) above, will be maintained in a contemporaneous log containing, at a minimum, the following recordkeeping:
      - (a) The calendar date of any required monitoring.
      - (b) The total daily throughput rate of gravel, soil, sand and test debris sifting in tons, for the corresponding date.
      - (c) The total daily hours of operation for the corresponding date.
      - (d) The corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate will be determined from the total daily throughput rate and the total daily hours of operation recorded in (b) and (c) above.



**BUREAU OF AIR POLLUTION CONTROL**

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**CLASS II AIR QUALITY OPERATING PERMIT**

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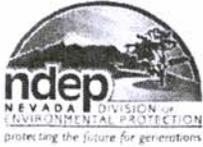
**Section V. Specific Operating Conditions (continued)**

E. **Emission Units PF1.009** Location North 4183.080 km, East 522.053 km, UTM (Zone 11)

**System 05 – Painting Operation**

PF 1.009 Painting Operation

1. Air Pollution Equipment (NAC 445B.308.7, NAC 445B.346.1)  
Emissions from **PF1.009** shall be controlled by best operational practices.
2. Emission Limits (NAC 445B.305, NAC 445B.346.1)  
On and after the date of startup of **PF1.009**, Permittee will not discharge or cause the discharge into the atmosphere the following pollutants in excess of the following specified limits:
  - a. The discharge of PM to the atmosphere will not exceed **3.40 pound per hour**, nor more than **0.323 ton per year**.
  - b. The discharge of PM<sub>10</sub> to the atmosphere will not exceed **3.40 pound per hour**, nor more than **0.323 ton per year**.
  - c. The discharge of VOC to the atmosphere will not exceed **3.20 pound per hour**, nor more than **0.304 ton per year**.
  - d. The discharge of HAP to the atmosphere will not exceed **2.10 pound per hour**, nor more than **0.200 ton per year**.
  - e. The opacity from **PF1.009** will not equal or exceed **20 percent** in accordance with NAC 445B.22017.
3. Operating Parameters (NAC 445B.308.7; NAC 445B.346.1)
  - a. The maximum allowable usage rate for **PF1.009** will not exceed **1 gallon of paint per any one-hour period** nor more than **190 gallons of paint per year**.
  - b. Hours  
**PF1.009** may not operate in excess of **2,080 hours per calendar year**.
4. Monitoring, Testing and Reporting (NAC 445B.308.7; NAC 445B.346.2)
  - a. Monitoring and Recordkeeping  
Permittee, upon the issuance date of this permit, will:
    - (1) Monitor the usage rate of paint for **PF1.009** on a daily basis.
    - (2) Monitor the type of paint used in **PF1.009** on a daily basis.
    - (3) Monitor the hours of operation for **PF1.009** on a daily basis.
    - (4) The required monitoring established in (1) and (2) above, will be maintained in a contemporaneous log containing, at a minimum, the following recordkeeping:
      - (a) The calendar date of any required monitoring.
      - (b) The total daily usage rate of paint, for the corresponding date.
      - (c) The type, the VOC content, and HAP content of paint used for the corresponding date.
      - (d) The total daily hours of operation for the corresponding date.
      - (e) The corresponding average hourly usage rate in gallons per hour. The average hourly usage rate will be determined from the total daily usage rate and the total daily hours of operation recorded in (b) and (d) above.
      - (f) The corresponding yearly usage rate in gallons per year. The yearly usage rate will be determined from the total daily usage rate recorded in (b) above.
      - (g) The corresponding hourly VOC emission rate. The hourly VOC emission rate will be determined from the average hourly usage rate and VOC content recorded in (e) and (c).
      - (h) The corresponding yearly VOC emission rate. The yearly VOC emission rate will be determined from the yearly usage rate and VOC content recorded in (f) and (c).
      - (i) The corresponding hourly HAP emission rate. The hourly HAP emission rate will be determined from the average hourly usage rate and VOC content recorded in (e) and (c).
      - (j) The corresponding yearly HAP emission rate. The yearly HAP emission rate will be determined from the yearly usage rate and HAP content recorded in (f) and (c).



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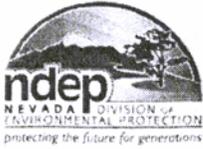
**Section V. Specific Operating Conditions (continued)**

F. **Emission Units PF1.010** Location North 4183.080 km, East 522.053 km, UTM (Zone 11)

**System 06 – Welding Operation**

PF 1.010 Welding Operation

1. Air Pollution Equipment (NAC 445B.308.7, NAC 445B.346.1)  
Emissions from **PF1.010** shall be controlled by best operational practices.
2. Emission Limits (NAC 445B.305, NAC 445B.346.1)  
On and after the date of startup of **PF1.010**, Permittee will not discharge or cause the discharge into the atmosphere the following pollutants in excess of the following specified limits:
  - a. The discharge of PM to the atmosphere will not exceed **1.63 pound per hour**, nor more than **1.697 tons per year**.
  - b. The discharge of PM<sub>10</sub> to the atmosphere will not exceed **1.63 pound per hour**, nor more than **1.697 ton per year**.
  - c. The discharge of HAP to the atmosphere will not exceed **0.556 pound per hour**, nor more than **0.578 ton per year**.
  - d. The opacity from **PF1.010** will not equal or exceed **20 percent** in accordance with NAC 445B.22017.
3. Operating Parameters (NAC 445B.308.7; NAC 445B.346.1)
  - a. The maximum allowable usage rate for **PF1.010** will not exceed **20 pounds of weldament any one-hour period** nor more than **41,600 pounds of weldament per year**.
  - b. Hours  
**PF1.010** may not operate in excess of **2,080 hours per calendar year**.
4. Monitoring, Testing and Reporting (NAC 445B.308.7; NAC 445B.346.2)
  - a. Monitoring and Recordkeeping  
Permittee, upon the issuance date of this permit, will:
    - (1) Monitor the usage rate of weldament for **PF1.010** on a daily basis.
    - (2) Monitor the type of weldament used in **PF1.010** on a daily basis.
    - (2) Monitor the hours of operation for **PF1.010** on a daily basis.
    - (3) The required monitoring established in (1) and (2) above, will be maintained in a contemporaneous log containing, at a minimum, the following recordkeeping:
      - (a) The calendar date of any required monitoring.
      - (b) The total daily usage rate of weldament, for the corresponding date.
      - (c) The type and HAP content of weldament used for the corresponding date.
      - (d) The total daily hours of operation for the corresponding date.
      - (e) The corresponding average hourly usage rate in pounds per hour. The average hourly usage rate will be determined from the total daily usage rate and the total daily hours of operation recorded in (b) and (d) above.
      - (f) The corresponding yearly usage rate in pounds per year. The yearly usage rate will be determined from the total daily usage rate recorded in (b) above.
      - (g) The corresponding hourly HAP emission rate. The hourly HAP emission rate will be determined from the average hourly usage rate and VOC content recorded in (e) and (c).
      - (h) The corresponding yearly HAP emission rate. The yearly HAP emission rate will be determined from the yearly usage rate and HAP content recorded in (f) and (c).



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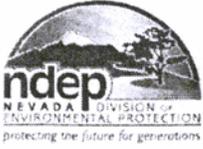
**Section V. Specific Operating Conditions (continued)**

**G. Emission Units PF1.011 and PF1.012** Location North 4183.080 km, East 522.053 km, UTM (Zone 11)

<b>System 07 – Carpentry Area</b>	
PF 1.011	Wood Usage
PF 1.012	Chemical Usage

1. Air Pollution Equipment (NAC 445B.308.7, NAC 445B.346.1)  
Emissions from **PF1.011 and PF1.012** shall be controlled with a sawdust waste collection system.
  
2. Emission Limits (NAC 445B.305, NAC 445B.346.1)  
On and after the date of startup of **PF1.011 and PF1.012**, Permittee will not discharge or cause the discharge into the atmosphere the following pollutants in excess of the following specified limits:
  - a. The discharge of PM to the atmosphere will not exceed **0.30 pound per hour**, nor more than **0.003 ton per year**.
  - b. The discharge of PM<sub>10</sub> to the atmosphere will not exceed **0.30 pound per hour**, nor more than **0.003 ton per year**.
  - c. The discharge of VOC to the atmosphere will not exceed **1.00 pound per hour**, nor more than **0.050 ton per year**.
  - d. The discharge of HAP to the atmosphere will not exceed **1.00 pound per hour**, nor more than **0.050 ton per year**.
  - e. The opacity from **PF1.011 AND PF1.012** will not equal or exceed **20 percent** in accordance with NAC 445B.22017.
  
3. Operating Parameters (NAC 445B.308.7; NAC 445B.346.1)
  - a. The maximum allowable usage rate for **PF1.011** will not exceed **0.5 ton of wood per any one-hour period** nor more than **10 tons of wood per year**.
  - b. The maximum allowable usage rate for **PF1.012** will not exceed **1 gallon of carpentry chemicals per any one-hour period** nor more than **100 gallons of carpentry chemicals per year**.
  - c. Hours  
**PF1.011 and PF1.012** may not operate in excess of **2,080 hours per calendar year**.
  
4. Monitoring, Testing and Reporting (NAC 445B.308.7; NAC 445B.346.2)
  - a. Monitoring and Recordkeeping  
Permittee, upon the issuance date of this permit, will:
    - (1) Monitor the usage rate of wood and carpentry chemicals for **PF1.011 and PF1.012** on a daily basis.
    - (2) Monitor the type of carpentry chemicals used in **PF1.011 and PF1.012** on a daily basis.
    - (3) Monitor the hours of operation for **PF1.011 and PF1.012** on a daily basis.
    - (4) The required monitoring established in (1) and (2) above, will be maintained in a contemporaneous log containing, at a minimum, the following recordkeeping:
      - (a) The calendar date of any required monitoring.
      - (b) The total daily usage rate of wood and carpentry chemicals, for the corresponding date.
      - (c) The type, the VOC content, and HAP content of carpentry chemicals used for the corresponding date.
      - (d) The total daily hours of operation for the corresponding date.
      - (e) The corresponding average hourly usage rate in tons/gallons per hour. The average hourly usage rate will be determined from the total daily usage rate and the total daily hours of operation recorded in (b) and (d) above.
      - (f) The corresponding yearly usage rate in tons/gallons per year. The yearly usage rate will be determined from the total daily usage rate recorded in (b) above.
      - (g) The corresponding hourly VOC emission rate. The hourly VOC emission rate will be determined from the average hourly usage rate and VOC content recorded in (e) and (c).
      - (h) The corresponding yearly VOC emission rate. The yearly VOC emission rate will be determined from the yearly usage rate and VOC content recorded in (f) and (c).
      - (i) The corresponding hourly HAP emission rate. The hourly HAP emission rate will be determined from the average hourly usage rate and VOC content recorded in (e) and (c).
      - (j) The corresponding yearly HAP emission rate. The yearly HAP emission rate will be determined from the yearly usage rate and HAP content recorded in (f) and (c).

\*\*\*\*\*End of Specific Operating Conditions\*\*\*\*\*



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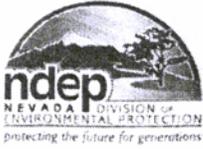
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**Section VI. Emission Caps**

N/A

\*\*\*\*\*End of Emission Caps\*\*\*\*\*



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**Section VII. Surface Area Disturbance Conditions**

Surface area disturbance in excess of 20 acres.

A. Dust Control Plan (NRS 445B.230.6)

Permittee may not cause or permit the construction, repair, or demolition work, or the use of unpaved or untreated areas without applying all such measures as may be required by the Director to prevent particulate matter from becoming airborne.

1. Permittee will control fugitive dust in accordance with the dust control plan entitled "*Dust Control Plan Sandia National Laboratories/Tonopah Test Range*", as submitted on May 7, 2001.

B. Fugitive Dust (NAC 445B.22037)

1. Permittee may not cause or permit the handling, transporting, or storing of any material in a manner which allows or may allow controllable particulate matter to become airborne.
2. Except as otherwise provided in subsection 4, Permittee may not cause or permit the construction, repair, demolition, or use of unpaved or untreated areas without first putting into effect an ongoing program using the best practical methods to prevent particulate matter from becoming airborne. As used in this subsection, "best practical methods" includes, but is not limited to, paving, chemical stabilization, watering, phased construction, and revegetation.
3. Except as provided in subsection 4, Permittee may not disturb or cover 5 acres or more of land or its topsoil until Permittee has obtained an Operating Permit for surface area disturbance to clear, excavate, or level the land or to deposit any foreign material to fill or cover the land.
4. The provisions of subsections 2 and 3 do not apply to:
  - a. Agricultural activities occurring on agricultural land; or
  - b. Surface disturbances authorized by a permit issued pursuant to NRS 519A.180 which occur on land which is not less than 5 acres or more than 20 acres.

**\*\*\*\*\*End of Surface Area Disturbance Conditions\*\*\*\*\***



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**Section VIII. Schedules of Compliance**

A. N/A

\*\*\*\*\*End of Schedule of Compliance Conditions\*\*\*\*\*



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**Section IX. Amendments**

December 11, 2007

The Painting Operations, Welding Operations, and Carpentry Area was removed from the insignificant activities list and added to the operating permit as follows:

- E. System 5 – Painting Operation
- F. System 6 – Welding Operation
- G. System 7 – Carpentry Area

**This permit:**

1. **Is non-transferable. (NAC 445B.287.3)**
2. **Will be posted conspicuously at or near the stationary source. (NAC 445B.318.5)**
3. **Will expire and be subject to renewal five (5) years from:** July 23, 2006 .  
(NAC 445B.315)
4. **A completed application for renewal of an operating permit must be submitted to the director on the form provided by him with the appropriate fee at least 70 calendar days before the expiration date of this operation permit. (NAC 445B.3473.2)**
5. **Any party aggrieved by the Department's decision to issue this permit may appeal to the State Environmental Commission (SEC) within ten days after the date of notice of the Department's action. (NRS 445B.340)**

**THIS PERMIT EXPIRES ON:** July 23, 2011

**Signature** *Matthew DeBurle*  
**Issued by:** Matthew DeBurle  
 Supervisor, Permitting Branch  
 Nevada Bureau of Air Pollution Control

**Phone:** (775) 687-9391      **Date:** December 11, 2007

Gm    bkk  
03/06 12/07

## Class II Non-Permit Equipment List

Appended to Permit #AP8733-0680.02

Emission Unit #	Emission Unit Description
IA1.001 IA1.002	<b>Generators, Emergency, &gt;250 horsepower and &lt;500 hours/year operation:</b> Generator, 268 hp, diesel fired, Caterpillar (GS-20001), Radar 24 Generator, 469 hp, diesel fired, Caterpillar (GS-35001), CP 03-53
IA1.003 IA1.004 IA1.005 IA1.006	<b>Generators, Stationary, &lt;250 horsepower:</b> Generator, 4 hp, gasoline fired, Onan (GM-0302), Cable E-29080 Generator, 24 hp, diesel fired, Onan (GS-1801), Point Able 32-02 Generator, 40 hp, diesel fired, Onan (GS-3001), Bunker 09-63 Generator, 47 hp, diesel fired, Caterpillar (GS-3501) 03-65
IA1.007 IA1.008 IA1.009	<b>Generators, Emergency, &lt;250 horsepower and &lt;500 hours/year operation:</b> Generator, 87 hp, diesel fired, Caterpillar (GS6501), ASI backup Generator, 134 hp, diesel fired, Onan (GS-10001) UPS 03-58 Generator, 221 hp, diesel fired, Caterpillar (GS-1650), 09-58
IA1.010	<b>Generators, Emergency, &gt;500 horsepower and &lt;100 hours/year operation:</b> Generator, 2,145 hp, diesel fired, Caterpillar (Power Systems), mobile
IA1.011 IA1.012	<b>Boilers, Propane Fired, &lt;4.0 MMBtu:</b> Boiler, 0.52 MMBtu/hr (BLR-04), Site 03-73 Boiler, 0.68 MMBtu/hr (BLR-06), Site 09-07
IA1.013 IA1.014 IA1.015 IA1.016 IA1.017	<b>Maintenance Activities, Maintenance Shops and Areas:</b> Paint shop, Area 3, Building 03-73 Welding shops, Area 3, Building 03-73, 03-62, 03-74 Carpentry shop, Area 3, Building 03-73 Area 3 vehicle shop, solvent degreaser Weapons area, solvent degreaser
IA1.018 IA1.019 IA1.020 IA1.021 IA1.022 IA1.023 IA1.024 IA1.025 IA1.026 IA1.027 IA1.028 IA1.029 IA1.030 IA1.031 IA1.032 IA1.033 IA1.034 IA1.035 IA1.036 IA1.037 IA1.038 IA1.039 IA1.040	<b>Storage Tanks, Propane:</b> Storage tank #1, 1150 gallon, sn B59405, north of 03-21 Storage tank #2, 3000 gallon, sn AV5938, southeast of 03-75 Storage tank #3, 3219 gallon, sn 61186, southeast of 03-75 Storage tank #4, 1150 gallon, sn LV6049148, east of 03-75 Storage tank #5, 1150 gallon, sn 48422, east of 03-75 Storage tank #6, 1000 gallon, sn 51858, east of 03-75 Storage tank #7, 1000 gallon, sn 7019, southeast of 03-65 Storage tank #8, 495 gallon, sn 69619, east of 03-73 Storage tank #9, 1000 gallon, sn LP7602, south of 03-69 Storage tank #10, 500 gallon, sn 10457, east of 03-73 Storage tank #11, 495 gallon, sn 73714, west of 03-34 Storage tank #12, 495 gallon, sn 77309, Building 101 Storage tank #13, 1000 gallon, sn 51857, east of 03-55 Storage tank #14, 2000 gallon, sn 15016, east of 03-51 Storage tank #15, 1000 gallon, sn 15565, north of 03-56 Storage tank #16, 500 gallon, sn 25225, northeast of 02-50 Storage tank #17, 495 gallon, sn 73715, west of 18-50 Storage tank #18, 500 gallon, sn 945806, Main Gate Storage tank #19, 1050 gallon, sn 51854, north of 09-55 Storage tank #20, 1500 gallon, sn 10331, east of 09-07 Storage tank #21, 119 gallon, sn B18772, north of 09-08 Storage tank #22, 495 gallon, sn 133845, south of 09-64 Storage tank #23, 250 gallon, sn 70381, west of 03-34