

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

Brian Sandoval, Governor
Leo M. Drozdoff, P.E., Director
Colleen Cripps, Ph.D., Administrator

October 24, 2012

Department of the Army, Hawthorne Army Depot
Attn: Craig M. Short
Lieutenant Colonel, U.S. Army, Commanding
1 South Maine Avenue
Hawthorne, Nevada 89415-5000

**Re: New Class I Operating Permit-to-Construct (OPTC) – AP9711-3088 (FIN A0022)
Wood Chipper and Metal Crusher Projects**

Dear Lt. Colonel Short:

The application submitted by the Department of the Army, Hawthorne Army Depot for a new Class I OPTC AP9711-3088 has been reviewed by the Nevada Division of Environmental Protection, Bureau of Air Pollution Control (NBAPC) under legal authority from Nevada Revised Statutes 445B.100 through 445B.640 and pursuant to regulations in Nevada Administrative Code 445B.001 through 445B.3689. Based on NBAPC review and recommendation, I am hereby issuing a new Class I OPTC AP9711-3088, with appropriate restrictions, as enclosed. Your new OPTC AP9711-3088 must be posted conspicuously at or near the source.

Pursuant to NAC 445B.3364.6, a copy of the Public Notice, Director's Review, and draft copy of the permit were made available to the general public, including the Environmental Protection Agency, on September 20, 2012 for the required 30 day review. The review period ended October 19, 2012. **There were no comments.**

Enclosed is your copy of the new Class I OPTC AP9711-3088. In accordance with Nevada Revised Statute 445B.340, you may appeal the Department's action of issuance of this new OPTC AP9711-3088 within 10 days after you receive the permit. Appeals may be filed with the State Environmental Commission, 901 South Stewart Street, Suite 4001, Carson City, Nevada, 89701-5249, telephone 775-687-9308.

Please review your new permit carefully to understand all conditions, restrictions, monitoring and recordkeeping requirements. If you have any questions, please call Randy Phillips of my staff at 775-687-9362, or rphillip@ndep.nv.gov.

Sincerely,

Jeffrey Kinder, P.E.
Permitting Supervisor
Bureau of Air Pollution Control

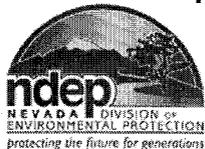
Certified Mail No. 9171-9690-0935-0011-8861-57

Enclosure: New Class I OPTC AP9711-3088

cc: w/enclosure: Gerardo Rios, Chief (A-5-1), U.S. EPA, Region IX, 75 Hawthorne Street, San Francisco, CA 94105

cc: Omer Shalev, Environmental Engineer – U.S. EPA, region IX (electronic; new permit and letter)





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 • f: 775-687-6396

Facility ID No. A0022

Permit No. AP9711-3088

CLASS I AIR QUALITY OPERATING PERMIT TO CONSTRUCT

Issued to: DEPARTMENT OF THE ARMY, HAWTHORNE ARMY DEPOT (HEREINAFTER REFERRED TO AS PERMITTEE)

Mailing Address: 1 SOUTH MAINE AVENUE, HAWTHORNE, NEVADA 89415-5000

Physical Address: ONE MILE NORTH OF HAWTHORNE, NEVADA 89415-5000 ON U.S. ROUTE 95 NORTH.

General Facility Location:

Main Base: Section 17, T 8N, R 30E, MDB&M; HA 110C (Mineral County)

North 4,267.50 km, East 355.90 km; UTM Zone 11, NAD 83

Portable Wood Chipping Operation: Various Locations within HWAD Main Base Facility
HA 110C (Mineral County)

Metal Crusher Operation: North Magazine Area
North 4,273.56 km, East 355.96 km; UTM Zone 11, NAD 83
HA 110B/C (Mineral County)

Emission Unit List: (4 Emission Units)

A. System 1 – Portable Rotochopper Wood Grinder

PF 1.001 Portable MP2 Rotochopper Wood Grinder and associated transfers in (Hopper/Belt Feeder) and out (Wood Chip Stockpile via Discharge Conveyor)

B. System 2 – Portable Rotochopper Wood Grinder Diesel Engine

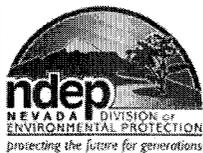
S 2.001 275 HP (205 kW) CAT C7 Diesel Engine, mfd 2008

C. System 3 – Cedarapids Horizontal Impact Metal Crusher

PF 1.002 Cedarapids Horizontal Impact Metal Crusher and associated transfers in (Feed Conveyor) and out (Storage Bin via Discharge Conveyor)

D. System 4 – Cedarapids Horizontal Impact Metal Crusher Diesel Engine

S 2.002 400 HP (298 kW) John Deere 6135H Diesel Engine, mfd 2006



BUREAU OF AIR POLLUTION CONTROL

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**CLASS I AIR QUALITY
OPERATING PERMIT TO CONSTRUCT**

Issued to: DEPARTMENT OF THE ARMY, HAWTHORNE ARMY DEPOT, AS PERMITTEE

Section I. General Conditions

A. Nevada Administrative Code (NAC) 445B.3365.2(c)

Severability

Each of the conditions and requirements of this Operating Permit to Construct is severable and, if any are held invalid, the remaining conditions and requirements continue in effect.

B. Nevada Revised Statute (NRS) 445B.470

Prohibited Acts

The Permittee shall not knowingly:

1. Violate any applicable provision, the terms or conditions of any Operating Permit to Construct 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 NRS 445B.470 to 445B.640, inclusive, or any regulation adopted pursuant to those provisions.

C. NAC 445B.22013

Prohibited Discharge

The Permittee shall not cause or permit the discharge into the atmosphere from any stationary source of any hazardous air pollutant or toxic regulated air pollutant that threatens the health and safety of the general public, as determined by the Director.

D. State Implementation Plan (SIP) NAC 445B.225

Prohibited Conduct: Concealment of Emissions

The Permittee shall not install, construct, or use any device that conceals any emission without reducing the total release of regulated air pollutants to the atmosphere.

E. NAC 445B.3365.2(d)

Compliance/Noncompliance

The Permittee shall comply with all conditions of this Operating Permit to Construct. Any noncompliance constitutes a violation and is grounds for:

1. An action for noncompliance;
2. Modifying, revoking, reopening and revising, or terminating the Operating Permit to Construct; or
3. Denial of an application for a renewal of the Operating Permit to Construct.

F. NAC 445B.273.1

Schedules for Compliance

The Permittee shall comply with NAC 445B.001 through 445B.3791, inclusive. Existing stationary sources are in compliance with those sections and may continue to operate under the provisions of their approved compliance schedules, which may be amended from time to time.

G. NAC 445B.326.1

Assertion of Emergency as Affirmative Defense to Action for Noncompliance

The Permittee may assert an affirmative defense to an action brought for noncompliance with a technology-based emission limitation contained in the Operating Permit to Construct if the holder of the Operating Permit to Construct demonstrates through signed, contemporaneous operating logs or other relevant evidence that:

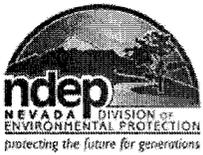
1. An emergency occurred as defined in NAC 445B.056, and the holder of the Operating Permit to Construct can identify the cause of the emergency;
2. The facility was being properly operated at the time of the emergency;
3. During the emergency, the holder of the Operating Permit to Construct took all reasonable steps to minimize excess emissions; and
4. The holder of the Operating Permit to Construct 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.

H. NAC 445B.3365.2(e)

The need to halt or reduce activity to maintain compliance with the conditions of this Operating Permit to Construct is not a defense to noncompliance with any conditions of this Operating Permit to Construct.

I. NAC 445B.3365.2(f)

The Director may modify, revoke and reissue, reopen and revise, or terminate the Operating Permit to Construct for cause.



BUREAU OF AIR POLLUTION CONTROL

Facility ID No. A0022

Permit No. AP9711-3088

**CLASS I AIR QUALITY
OPERATING PERMIT TO CONSTRUCT**

Issued to: DEPARTMENT OF THE ARMY, HAWTHORNE ARMY DEPOT, AS PERMITTEE

Section I. General Conditions (continued)

- J. NAC 445B.3265
Revocation and re-issuance
1. NAC 445B.3265.1. *The Permittee's* Operating Permit to Construct may be revoked if the control equipment is not operating.
 2. NAC 445B.3265.2. *The Permittee's* Operating Permit to Construct may be revoked by the Director upon determination that there has been a violation of NAC 445B.001 to 445B.3689, inclusive, or the provisions of 40 CFR Part 52.21, or 40 CFR 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.
 3. NAC 445B.3265.3. -The revocation is effective 10 days after the service of a written notice, unless a hearing is requested.
- K. SIP 445.715
Revocation
1. *The Permittee's* Operating Permit to Construct may be revoked if the control equipment is not operating.
 2. *The Permittee's* Operating Permit to Construct can be revoked by the Director upon determination that there has been a violation of SIP 445.430 to 445.846, inclusive, or 40 CFR Parts 60 or 61, New Source Performance Standards and National Emissions Standards for Hazardous Air Pollutants.
 3. The revocation is effective 10 days after the service of a written notice, and the revoked Operating Permit to Construct shall be surrendered immediately unless a hearing is requested.
- L. NAC 445B.3365.2(g)
This Operating Permit to Construct does not convey any property rights or any exclusive privilege.
- M. NAC 445B.3365.2(h)
The Permittee shall provide the Director, within a reasonable time, with any information that the Director requests in writing to determine whether cause exists for modifying, revoking and reissuing, reopening and revising or terminating this Operating Permit to Construct or to determine compliance with the conditions of this Operating Permit to Construct.
- N. NAC 445B.315.3.i
The 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.
- O. NAC 445B.3365.2(i)
Right to Entry
The Permittee shall allow the Bureau of Air Pollution Control staff, upon the presentation of credentials, to:
1. Enter upon the premises of *the 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 to Construct.
 2. Have access to and copy, during normal business hours, any records that are kept pursuant to the conditions of this Operating Permit to Construct;
 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 to Construct; and
 4. Sample or monitor, at reasonable times, substances or parameters to determine compliance with the conditions of this Operating Permit to Construct or applicable requirements.
- P. NAC 445B.3365.2(j)
A responsible official of *the 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 to Construct are true, accurate and complete.



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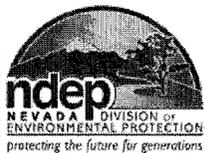
Section I. General Conditions (continued)

Q. NAC 445B.252 Testing and Sampling (State Only Requirement)

1. To determine compliance with NAC 445B.001 to 445B.3689, 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 start-up of the facility and at such other 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 reference method 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 the Director 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 test of performance. Operations during periods of start-up, shutdown and malfunction must not constitute representative conditions of a test of performance unless otherwise specified in the applicable standard.
4. The owner or operator of an affected facility 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.
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.
6. All testing and sampling will be performed in accordance with recognized methods and as specified by the Director.
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.
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 these regulations, and copies of these results must be provided to the Director no later than 60 days after the testing or sampling, or both.
9. Notwithstanding the provisions of subsection 2, the Director shall not approve an alternative method or equivalent method to determine compliance with a standard or emission limitation contained in Part 60, 61 or 63 of Title 40 of the Code of Federal Regulations for:
 - a. An emission unit that is subject to a testing requirement pursuant to Part 60, 61 or 63 of Title 40 of the Code of Federal Regulations; or
 - b. An affected source.

R. SIP 445B.252 Testing and sampling (Federally Enforceable SIP Requirement)

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 start-up of the facility and at such other 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 reference method with minor changes in methodology;
 - 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 test of performance. Operations during periods of start-up, shutdown and malfunction must not constitute representative conditions of a test of performance unless otherwise specified in the applicable standard.
4. The owner or operator of an affected facility 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.
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.



BUREAU OF AIR POLLUTION CONTROL

Facility ID No. A0022

Permit No. AP9711-3088

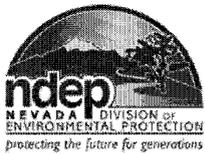
**CLASS I AIR QUALITY
OPERATING PERMIT TO CONSTRUCT**

Issued to: DEPARTMENT OF THE ARMY, HAWTHORNE ARMY DEPOT, AS PERMITTEE

Section I. General Conditions (continued)

- R. SIP 445B.252 Testing and sampling (*Federally Enforceable SIP Requirement*) - continued
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.
 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 these regulations, and copies of these results must be provided to the Director no later than 60 days after the testing or sampling, or both.
 9. Notwithstanding the provisions of subsection 2, the Director shall not approve an alternative method or equivalent method to determine compliance with a standard or emission limitation contained in Part 60, 61 or 63 of Title 40 of the Code of Federal Regulations for:
 - a. An emission unit that is subject to a testing requirement pursuant to Part 60, 61 or 63 of Title 40 of the Code of Federal Regulations; or
 - b. An affected source.
- S. SIP NAC 445B.22067
Open Burning
The open burning of any combustible refuse, waste, garbage, oil, or for any salvage operations, except as specifically exempted, is prohibited. Specific exemptions from open burning are described in NAC 445B.22067.2.
- T. SIP NAC 445B.22017
Maximum Opacity of Emissions
1. Except as otherwise provided in this section and NAC 445B.2202 and 445B.22023, no owner or operator may cause or permit the discharge into the atmosphere from any emission unit, which is of an 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 C.F.R. §§ 60.13(h).
 2. The provisions of this section and NAC 445B.2202 and 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.
- U. NAC 445B.22087
Odors
The 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.
- V. NAC 445B.319, 445B.342, 445B.3425 and 445B.344
Any changes to this Operating Permit to Construct will comply with all provisions established under NAC 445B.319, 445B.342, 445B.3425 and 445B.344.
- W. SIP NAC 445B.22037
Fugitive Dust
1. *The Permittee* may not cause or permit the handling, transporting, or storing of any material in a manner that allows or may allow controllable particulate matter to become airborne.
 2. Except as otherwise provided in subsection 4, *the 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 re-vegetation.
 3. Except as provided in subsection 4, *the Permittee* may not disturb or cover 5 acres or more of land or its topsoil until *the 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 General Conditions*******



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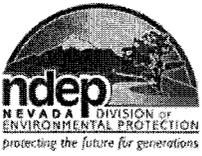
Section II. General Construction Conditions

A. NAC 445B.3366

Expiration

This permit to construct expires if construction is not commenced within 18 months after the date of issuance thereof or construction of the facility is delayed for 18 months after initiated. The Director may extend the 18 month period upon a satisfactory showing that an extension is justified. This provision does not apply to the time period between construction of the approved phases of a phased construction project; each phase must commence construction within eighteen months of the projected commencement date approved by the Director.

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



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Section IIA. Specific Construction Conditions

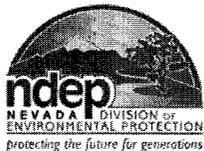
A. NAC 445B.250

Notification

The Permittee shall provide the Director the following:

1. A notification of the date of construction of PF1.001, PF1.002, S2.001, and S2.002 is commenced, postmarked no later than 30 days after such date. This requirement shall not apply to mass-produced facilities which are purchased in completed form (40 CFR 60.7(a)(1); NAC 445B.250.1)
2. A notification of the anticipated date of initial startup of PF1.001, PF1.002, S2.001, and S2.002 postmarked not more than 60 days nor less than 30 days prior to such date (NAC 445B.250.2).
3. A notification of the actual date of initial startup of PF1.001, PF1.002, S2.001, and S2.002 postmarked within 15 days after such date (40 CFR 60.7(a)(3); NAC 445B.250.3).
4. A notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless that change is specifically exempted under an applicable subpart or in §60.14(e). This notice shall be postmarked 60 days or as soon as practicable before the change is commenced and shall 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 Administrator may request additional relevant information subsequent to this notice (40 CFR 60.7(a)(4)).

*******End of Specific Construction Conditions*******



BUREAU OF AIR POLLUTION CONTROL

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CLASS I AIR QUALITY

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Section III. General Operating Conditions

A. NAC 445B.227

Facilities Operation

The Permittee may not:

1. Operate a stationary source of air pollution unless the control equipment for air pollution that is required by applicable requirements or conditions of this Operating Permit to Construct 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 to Construct.

B. NAC 445B.232

Excess Emissions

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.3689, inclusive, must be approved in advance by the Director and performed during a time designated by the Director as being favorable for atmospheric ventilation.
2. Each owner or operator shall notify the Director of the proposed time and expected duration at least 30 days before any scheduled maintenance or testing which may result in excess emissions of regulated air pollutants prohibited by NAC 445B.001 to 445B.3689, inclusive. The scheduled maintenance or testing must not be conducted unless the scheduled maintenance or testing is approved pursuant to subsection 1.
3. Each owner or operator shall notify the Director of the proposed time and expected duration at least 24 hours before any scheduled repairs which may result in excess emissions of regulated air pollutants prohibited by NAC 445B.001 to 445B.3689, inclusive. The scheduled repairs must not be conducted unless the scheduled repairs are approved pursuant to subsection 1.
4. Each owner or operator shall notify the Director of any excess emissions within 24 hours after any malfunction or upset of the process equipment or equipment for controlling pollution or during start-up or shutdown of that equipment.
5. Each owner or operator shall provide the Director, within 15 days after any malfunction, upset, start-up, 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 the 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.
6. Each owner or operator shall ensure that any notification or related information submitted to the Director pursuant to this section is provided in a format specified by the Director.

C. SIP 445.667

Excess Emissions; Scheduled Maintenance; Testing; Malfunction

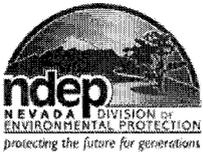
1. Scheduled maintenance or testing approved by the Director or repairs which may result in excess emissions of air contaminants prohibited by SIP 445.430 to 445.846, inclusive, must be performed during a time designated by the Director as being favorable for atmospheric ventilation.
2. The Director shall be notified in writing on the time and expected duration at least 24 hours in advance of any scheduled maintenance or repairs which may result in excess emissions of air contaminants prohibited by SIP 445.430 to 445.846, inclusive.
3. The Director must be notified within 24 hours after any malfunction, breakdown or upset of process or pollution control equipment or during startup of such equipment. Phone (775) 687-9350.
4. The owner or operator of an affected facility shall provide the Director, within 15 days after any malfunction, breakdown, upset, startup or human error sufficient information to enable the Director to determine the seriousness of the excess emissions. The submission must include as a minimum:
 - a. The identity of the stack and/or other emission point where the excess emission occurred.
 - b. The estimated magnitude of the excess emissions expressed in opacity or in the units of the applicable emission limitation 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, steps taken to remedy the malfunction and the steps taken or planned to prevent the recurrence of the malfunctions.
 - f. The steps taken to limit the excess emissions.
 - g. Documentation that the air pollution control equipment, 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.

D. SIP Article 2.5.4

Scheduled Maintenance, Testing, and Breakdown or Upset Federally Enforceable SIP Requirement

Breakdown or upset, determined by the Director to be unavoidable and not the result of careless or marginal operations, shall not be considered a violation of the regulations.

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



BUREAU OF AIR POLLUTION CONTROL

Facility ID No. A0022

Permit No. AP9711-3088

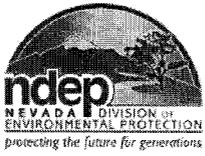
**CLASS I AIR QUALITY
OPERATING PERMIT TO CONSTRUCT**

Issued to: DEPARTMENT OF THE ARMY, HAWTHORNE ARMY DEPOT, AS PERMITTEE

Section IV. General Monitoring, Recordkeeping, and Reporting Requirements

- A. NAC 445B.3365.2(b)
The 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. NAC 445B.3405.1(d)
The Permittee will record:
1. Monitoring information required by the conditions of this Operating Permit to Construct including the date, the location and the time of the sampling or the measurements and the operating conditions at the time of the sampling or measurements; and
 2. The date on which the analyses were performed, the company that performed them, the analytical techniques that the company used, and the results of such analyses.
- C. NAC 445B.3365.2(h)
The 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, unless otherwise approved by the Bureau of Air Pollution Control.
- D. SIP NAC 445B.265.1
Notification and Recordkeeping
The Permittee as the owner or operator subject to the provisions of NAC 445B.256 to 445B.267, inclusive, shall maintain records of the occurrence and duration of any start-up, shutdown or malfunction in the operation of an affected facility and any malfunction of the air pollution control equipment or any periods during which a continuous monitoring system or monitoring device is inoperative.

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



BUREAU OF AIR POLLUTION CONTROL

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Permit No. AP9711-3088

CLASS I AIR QUALITY OPERATING PERMIT TO CONSTRUCT

Issued to: DEPARTMENT OF THE ARMY, HAWTHORNE ARMY DEPOT, AS PERMITTEE

Section V. Specific Operating Conditions

A. Emission Unit PF1.001 Location: Various Locations within HWAD Main Base Facility

System 1 – Portable Rotochopper Wood Grinder

PF 1.001 Portable MP2 Rotochopper Wood Grinder and associated transfers in (Hopper/Belt Feeder) and out (Wood Chip Stockpile via Discharge Conveyor)

1. **Air Pollution Equipment**

Emissions from PF1.001 shall be controlled by water sprays located at PF1.001.

2. **Operating Requirements (NAC 445B.3365.3)**

a. **Emission Limits NAC 445B.305**

On and after the date of startup of PF1.001, the Permittee will not discharge or cause the discharge into the atmosphere from PF1.001 the following pollutants in excess of the following specified limits:

- (1) The discharge of PM (particulate matter) to the atmosphere will not exceed 0.065 pound per hour, nor more than 0.030 ton per calendar year.
- (2) The discharge of PM₁₀ (particulate matter less than 10 microns in diameter) to the atmosphere will not exceed 0.039 pound per hour, nor more than 0.018 ton per calendar year. This limit is less than the 12.69 pounds per hour maximum allowable emission limit for PF1.001 as determined from NAC 445B.22033 and the maximum allowable throughput rate as limited in A.2.b(1) of this section.
- (3) The opacity from PF1.001 will not equal or exceed 20 percent in accordance with NAC 445B.22017.

b. **Operating Parameters NAC 445B.305**

- (1) The maximum throughput rate for PF1.001 will not exceed 5.4 tons of wood pallets and waste wood materials per any one-hour period.
- (2) **Hours**
PF1.001 may not operate more than 5 hours per day and 925 hours per calendar year.

3. **Test Methods and Procedures (NAC 445B.3365.3)**

a. **Initial Performance Tests**

- (1) Within 60 days after achieving the maximum production rate at which PF1.001 will be operated, but no later than 180 days after initial startup of PF1.001, Permittee shall demonstrate initial compliance with the opacity standard established in A.2.a(3) of this section in accordance with Reference Method 9 in Appendix A of 40 CFR Part 60. The minimum total time of observations shall be six minutes (24 consecutive observations recorded at 15-second intervals). The observer shall read opacity only when emissions are clearly identified as emanating solely from the affected facility being observed.
- (2) Permittee shall provide notification of the anticipated date for conducting the opacity observations required in A.3.a(1) of this section. The notification shall be postmarked not less than 30 days prior to such date.
- (3) Within 60 days after completing the opacity observations contained in A.3.a(1) of this section, Permittee shall furnish the director a written report of the results of the opacity observations required in A.3.a(1) of this section. All information and analytical results of testing and sampling must be certified as to the truth and accuracy and as to their compliance with NAC 445B.001 to 445B.3689, inclusive. (NAC 445B.252.8).

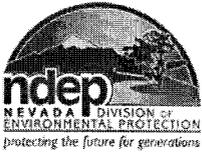
4. **Monitoring and Recordkeeping (NAC 445B.3365.3)**

On and after the date of startup of PF1.001, the Permittee will maintain in a contemporaneous daily log, the following monitoring and recordkeeping:

- a. The calendar date of any required monitoring.
- b. The total daily throughput rate of wood pallets and waste wood materials, 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 4.b. and 4.c above.
- e. The monthly hours of operation, and the corresponding sum of hours of operation for the calendar year. The monthly hours of operation will be determined at the end of each calendar month as the sum of daily hours of operation as determined in 4.c above for each day of the calendar month.

5. **Class I Operating Permit Application**

An operating permit to construct expires if a complete application for a Class I operating permit or modification of an existing Class I operating permit is not submitted within 12 months after the date of initial start-up (NAC 445B.3366.4).



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Issued to: DEPARTMENT OF THE ARMY, HAWTHORNE ARMY DEPOT, AS PERMITTEE

Section V. Specific Operating Conditions (continued)

B. Emission Unit S2.001 Location: Various Locations within HWAD Main Base Facility

System 2 – Portable Rotochopper Wood Grinder Diesel Engine

S 2.001 275 HP (205 kW) CAT C7 Diesel Engine, mfd 2008

1. Air Pollution Equipment

Emissions from **S2.001** shall be controlled in a manner which minimizes emissions.

2. Operating Requirements (NAC 445B.3365.3)

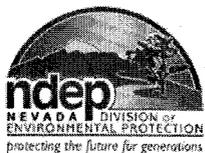
a. Emission Limits NAC 445B.305

On and after the date of startup of **S2.001**, the Permittee will not discharge or cause the discharge into the atmosphere from the exhaust stack of **S2.001** the following pollutants in excess of the following specified limits:

- (1) The discharge of PM to the atmosphere will not exceed **0.092** pound per hour, nor more than **0.043** ton per calendar year.
- (2) The discharge of PM₁₀ to the atmosphere will not exceed **0.092** pound per hour, nor more than **0.043** ton per calendar year.
- (3) The discharge of SO₂ to the atmosphere will not exceed **0.56** pound per hour, nor more than **0.26** ton per calendar year.
- (4) The discharge of sulfur to the atmosphere will not exceed **0.28** pound per hour, nor more than **0.13** ton per calendar year. This limit is less than the **1.48** pounds per hour maximum allowable emission limit for **S2.001** as determined from NAC 445B.22047 and the maximum allowable #2 fuel oil usage rate (2.11 MMBtu/hr, 0.14 MMBtu/gallon) as limited in B.2.b(1) of this section.
- (5) The discharge of NO_x to the atmosphere will not exceed **1.50** pounds per hour, nor more than **0.69** ton per calendar year.
- (6) The discharge of CO to the atmosphere will not exceed **1.42** pounds per hour, nor more than **0.66** ton per calendar year.
- (7) The discharge of VOC to the atmosphere will not exceed **0.073** pound per hour, nor more than **0.034** ton per calendar year.
- (8) New Source Performance Standards – Subpart IIII – Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (40 CFR Part 60.4200 et. seq.) Owners and operators of 2007 model year and later non-emergency CI engines with a displacement of less than 30 liters per cylinder must comply with the following emission standards for non-emergency CI engines in 40 CFR Part 60 Subpart IIII (40 CFR Part 60.4204(b); 40 CFR Part 60.4201(a); 40 CFR Part 89.112, Table 1). For 2008 model year non-emergency CI engines with engine ratings between 130 kW (175 HP) and 225 kW (300 HP):
 - (a) Particulate matter (PM) shall not exceed **0.20** grams/kW-hr (**0.15** grams/HP-hr).
 - (b) Nonmethane hydrocarbons plus nitrogen oxides (NMHC+NO_x) shall not exceed **4.0** grams/kW-hr (**3.0** grams/HP-hr).
 - (c) Carbon monoxide (CO) shall not exceed **3.5** grams/kW-hr (**2.6** grams/HP-hr).
- (9) National Emission Standards for Hazardous Air Pollutants (NESHAP) – Subpart ZZZZ – Stationary Reciprocating Internal Combustion Engines (RICE) (40 CFR 63.6580 et. seq.). An affected source that is a new or reconstructed stationary RICE located at an area source, must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines. No further requirements apply for such engines under this part (40 CFR 63.6590(c)).
- (10) The opacity from exhaust stack of **S2.001** will not equal or exceed **20** percent in accordance with NAC 445B.22017.

b. Operating Parameters NAC 445B.305

- (1) The maximum #2 fuel oil consumption rate for **S2.001** will not exceed **15.1** gallons per hour.
- (2) The sulfur content of the #2 fuel oil combusted in **S2.001** will not exceed **0.0015%** by weight.
- (3) **Hours**
S2.001 may not operate more than **5** hours per day and **925** hours per calendar year.
- (4) New Source Performance Standards – Subpart IIII – Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (40 CFR Part 60.4207). Beginning October 1, 2010, owners and operators of stationary CI ICE subject to this subpart with a displacement of less than 30 liters per cylinder that use diesel fuel must use diesel fuel that meets the requirements of 40 CFR 80.510(b) for nonroad diesel fuel:
 - (a) Sulfur content – **15 ppm (0.0015 wt%)** maximum for nonroad diesel fuel.
 - (b) Cetane index or aromatic content – minimum cetane index of **40** or maximum aromatic content of **35** volume percent.



BUREAU OF AIR POLLUTION CONTROL

Facility ID No. A0022

Permit No. AP9711-3088

**CLASS I AIR QUALITY
OPERATING PERMIT TO CONSTRUCT**

Issued to: DEPARTMENT OF THE ARMY, HAWTHORNE ARMY DEPOT, AS PERMITTEE

Section V. Specific Operating Conditions (continued)

B. Emission Unit S2.001 - continued

3. Test Methods and Procedures (NAC 445B.3365.3)

a. Initial Performance Tests

- (1) Within 60 days after achieving the maximum production rate at which S2.001 will be operated, but no later than 180 days after initial startup of S2.001, Permittee shall demonstrate initial compliance with the opacity standard established in B.2.a(10) of this section in accordance with Reference Method 9 in Appendix A of 40 CFR Part 60. The minimum total time of observations shall be six minutes (24 consecutive observations recorded at 15-second intervals). The observer shall read opacity only when emissions are clearly identified as emanating solely from the affected facility being observed.
- (2) Permittee shall provide notification of the anticipated date for conducting the opacity observations required in B.3.a(1) of this section. The notification shall be postmarked not less than 30 days prior to such date.
- (3) Within 60 days after completing the opacity observations contained in B.3.a(1) of this section, Permittee shall furnish the director a written report of the results of the opacity observations required in B.3.a(1) of this section. All information and analytical results of testing and sampling must be certified as to the truth and accuracy and as to their compliance with NAC 445B.001 to 445B.3689, inclusive. (NAC 445B.252.8).

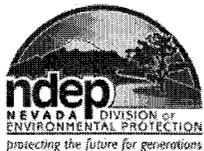
4. Monitoring and Recordkeeping (NAC 445B.3365.3)

On and after the date of startup of S2.001, the Permittee will maintain in a contemporaneous daily log, the following monitoring and recordkeeping:

- a. The calendar date of any required monitoring.
- b. The total daily consumption rate of #2 fuel oil, in gallons, for the corresponding date.
- c. The total daily hours of operation, for the corresponding date.
- d. The corresponding average hourly consumption rate of #2 fuel oil, in gallons per hour. The average hourly consumption rate will be determined from the total daily consumption rate and the total daily hours of operation recorded in 4.b. and 4.c above.
- e. The monthly hours of operation, and the corresponding sum of hours of operation for the calendar year. The monthly hours of operation will be determined at the end of each calendar month as the sum of daily hours of operation as determined in 4.c above for each day of the calendar month.
- f. Fuel supplier certification consisting of the name of the oil supplier, and a statement from the oil supplier that the #2 fuel oil complies with the sulfur limit as specified in B.2.b of this section for each #2 fuel oil delivery.

5. Class I Operating Permit Application

An operating permit to construct expires if a complete application for a Class I operating permit or modification of an existing Class I operating permit is not submitted within 12 months after the date of initial start-up (NAC 445B.3366.4).



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Section V. Specific Operating Conditions

C. Emission Unit PF1.002 Location: North 4,273.56 km, East 355.96 km, UTM (Zone 11, NAD 83); North Magazine Area

System 3 – Cedarapids Horizontal Impact Metal Crusher

PF 1.002 Cedarapids Horizontal Impact Metal Crusher and associated transfers in (Feed Conveyor) and out (Storage Bin via Discharge Conveyor)

1. Air Pollution Equipment

Emissions from PF1.002 shall be controlled by a partial enclosure located at PF1.002.

2. Operating Requirements (NAC 445B.3365.3)

a. Emission Limits NAC 445B.305

On and after the date of startup of PF1.002, the Permittee will not discharge or cause the discharge into the atmosphere from PF1.002 the following pollutants in excess of the following specified limits:

- (1) The discharge of PM (particulate matter) to the atmosphere will not exceed 0.64 pound per hour, nor more than 0.33 ton per calendar year.
- (2) The discharge of PM₁₀ (particulate matter less than 10 microns in diameter) to the atmosphere will not exceed 0.64 pound per hour, nor more than 0.33 ton per calendar year. This limit is less than the 1.83 pounds per hour maximum allowable emission limit for PF1.002 as determined from NAC 445B.22033 and the maximum allowable throughput rate as limited in C.2.b(1) of this section.
- (3) The opacity from PF1.002 will not equal or exceed 20 percent in accordance with NAC 445B.22017.

b. Operating Parameters NAC 445B.305

- (1) The maximum throughput rate for PF1.002 will not exceed 0.3 tons of metal practice bombs per any one-hour period.
- (2) Hours
PF1.002 may not operate more than 10 hours per day and 1,045 hours per calendar year.

3. Test Methods and Procedures (NAC 445B.3365.3)

a. Initial Performance Tests

- (1) Within 60 days after achieving the maximum production rate at which PF1.002 will be operated, but no later than 180 days after initial startup of PF1.002, Permittee shall demonstrate initial compliance with the opacity standard established in C.2.a(3) of this section in accordance with Reference Method 9 in Appendix A of 40 CFR Part 60. The minimum total time of observations shall be six minutes (24 consecutive observations recorded at 15-second intervals). The observer shall read opacity only when emissions are clearly identified as emanating solely from the affected facility being observed.
- (2) Permittee shall provide notification of the anticipated date for conducting the opacity observations required in C.3.a(1) of this section. The notification shall be postmarked not less than 30 days prior to such date.
- (3) Within 60 days after completing the opacity observations contained in C.3.a(1) of this section, Permittee shall furnish the director a written report of the results of the opacity observations required in C.3.a(1) of this section. All information and analytical results of testing and sampling must be certified as to the truth and accuracy and as to their compliance with NAC 445B.001 to 445B.3689, inclusive. (NAC 445B.252.8).

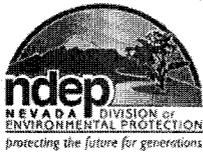
4. Monitoring and Recordkeeping (NAC 445B.3365.3)

On and after the date of startup of PF1.002, the Permittee will maintain in a contemporaneous daily log, the following monitoring and recordkeeping:

- a. The calendar date of any required monitoring.
- b. The total daily throughput rate of metal practice bombs, 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 4.b. and 4.c above.
- e. The monthly hours of operation, and the corresponding sum of hours of operation for the calendar year. The monthly hours of operation will be determined at the end of each calendar month as the sum of daily hours of operation as determined in 4.c above for each day of the calendar month.

5. Class I Operating Permit Application

An operating permit to construct expires if a complete application for a Class I operating permit or modification of an existing Class I operating permit is not submitted within 12 months after the date of initial start-up (NAC 445B.3366.4).



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CLASS I AIR QUALITY OPERATING PERMIT TO CONSTRUCT

Issued to: DEPARTMENT OF THE ARMY, HAWTHORNE ARMY DEPOT, AS PERMITTEE

Section V. Specific Operating Conditions (continued)

D. Emission Unit S2.002 Location: North 4,273.56 km, East 355.96 km, UTM (Zone 11, NAD 83); North Magazine Area

System 4 – Cedarapids Horizontal Impact Metal Crusher Diesel Engine

S 2.002 400 HP (298 kW) John Deere 6135H Diesel Engine, mfd 2006

1. Air Pollution Equipment

Emissions from S2.002 shall be controlled in a manner which minimizes emissions.

2. Operating Requirements (NAC 445B.3365.3)

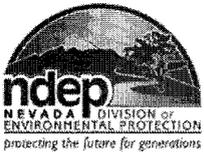
a. Emission Limits NAC 445B.305

On and after the date of startup of S2.002, the Permittee will not discharge or cause the discharge into the atmosphere from the exhaust stack of S2.002 the following pollutants in excess of the following specified limits:

- (1) The discharge of PM to the atmosphere will not exceed 0.35 pound per hour, nor more than 0.18 ton per calendar year.
- (2) The discharge of PM₁₀ to the atmosphere will not exceed 0.35 pound per hour, nor more than 0.18 ton per calendar year.
- (3) The discharge of SO₂ to the atmosphere will not exceed 0.82 pound per hour, nor more than 0.43 ton per calendar year.
- (4) The discharge of sulfur to the atmosphere will not exceed 0.41 pound per hour, nor more than 0.21 ton per calendar year. This limit is less than the 1.89 pounds per hour maximum allowable emission limit for S2.002 as determined from NAC 445B.22047 and the maximum allowable #2 fuel oil usage rate (2.70 MMBtu/hr, 0.14 MMBtu/gallon) as limited in D.2.b(1) of this section.
- (5) The discharge of NO_x to the atmosphere will not exceed 6.08 pounds per hour, nor more than 3.18 tons per calendar year.
- (6) The discharge of CO to the atmosphere will not exceed 7.50 pounds per hour, nor more than 3.92 tons per calendar year.
- (7) The discharge of VOC to the atmosphere will not exceed 0.88 pounds per hour, nor more than 0.46 ton per calendar year.
- (8) New Source Performance Standards – Subpart IIII – Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (40 CFR Part 60.4200 et. seq.) Owners and operators of pre-2007 model year non-emergency CI engines with a displacement of less than 10 liters per cylinder must comply with the following emission standards for non-emergency CI engines in 40 CFR Part 60 Subpart IIII (40 CFR Part 60.4204(a), Table 1). For 2006 model year non-emergency CI engines with engine ratings between 225 kW (300 HP) and 450 kW (600 HP):
 - (a) Particulate matter (PM) shall not exceed 0.54 grams/kW-hr (0.40 grams/HP-hr).
 - (b) Hydrocarbons (HC) shall not exceed 1.3 grams/kW-hr (1.0 grams/HP-hr).
 - (c) Nitrogen oxides (NO_x) shall not exceed 9.2 grams/kW-hr (6.9 grams/HP-hr).
 - (d) Carbon monoxide (CO) shall not exceed 11.4 grams/kW-hr (8.5 grams/HP-hr).
- (9) National Emission Standards for Hazardous Air Pollutants (NESHAP) – Subpart ZZZZ – Stationary Reciprocating Internal Combustion Engines (RICE) (40 CFR 63.6580 et. seq.). An affected source that is a new or reconstructed stationary RICE located at an area source, must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines. No further requirements apply for such engines under this part (40 CFR 63.6590(c)).
- (10) The opacity from exhaust stack of S2.002 will not equal or exceed 20 percent in accordance with NAC 445B.22017.

b. Operating Parameters NAC 445B.305

- (1) The maximum #2 fuel oil consumption rate for S2.002 will not exceed 19.3 gallons per hour.
- (2) The sulfur content of the #2 fuel oil combusted in S2.002 will not exceed 0.0015% by weight.
- (3) Hours
S2.002 may not operate more than 10 hours per day and 1,045 hours per calendar year.
- (4) New Source Performance Standards – Subpart IIII – Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (40 CFR Part 60.4207). Beginning October 1, 2010, owners and operators of stationary CI ICE subject to this subpart with a displacement of less than 30 liters per cylinder that use diesel fuel must use diesel fuel that meets the requirements of 40 CFR 80.510(b) for nonroad diesel fuel:
 - (a) Sulfur content – 15 ppm (0.0015 wt%) maximum for nonroad diesel fuel.
 - (b) Cetane index or aromatic content – minimum cetane index of 40 or maximum aromatic content of 35 volume percent.



BUREAU OF AIR POLLUTION CONTROL

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Issued to: DEPARTMENT OF THE ARMY, HAWTHORNE ARMY DEPOT, AS PERMITTEE

Section V. Specific Operating Conditions (continued)

D. Emission Unit S2.002 - continued

3. Test Methods and Procedures (NAC 445B.3365.3)

a. Initial Performance Tests

- (1) Within 60 days after achieving the maximum production rate at which S2.002 will be operated, but no later than 180 days after initial startup of S2.002, Permittee shall demonstrate initial compliance with the opacity standard established in D.2.a(10) of this section in accordance with Reference Method 9 in Appendix A of 40 CFR Part 60. The minimum total time of observations shall be six minutes (24 consecutive observations recorded at 15-second intervals). The observer shall read opacity only when emissions are clearly identified as emanating solely from the affected facility being observed.
- (2) Permittee shall provide notification of the anticipated date for conducting the opacity observations required in D.3.a(1) of this section. The notification shall be postmarked not less than 30 days prior to such date.
- (3) Within 60 days after completing the opacity observations contained in D.3.a(1) of this section, Permittee shall furnish the director a written report of the results of the opacity observations required in D.3.a(1) of this section. All information and analytical results of testing and sampling must be certified as to the truth and accuracy and as to their compliance with NAC 445B.001 to 445B.3689, inclusive. (NAC 445B.252.8).

4. Monitoring and Recordkeeping (NAC 445B.3365.3)

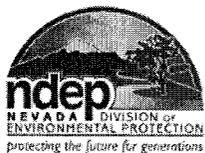
On and after the date of startup of S2.002, the Permittee will maintain in a contemporaneous daily log, the following monitoring and recordkeeping:

- a. The calendar date of any required monitoring.
- b. The total daily consumption rate of #2 fuel oil, in gallons, for the corresponding date.
- c. The total daily hours of operation, for the corresponding date.
- d. The corresponding average hourly consumption rate of #2 fuel oil, in gallons per hour. The average hourly consumption rate will be determined from the total daily consumption rate and the total daily hours of operation recorded in 4.b. and 4.c above.
- e. The monthly hours of operation, and the corresponding sum of hours of operation for the calendar year. The monthly hours of operation will be determined at the end of each calendar month as the sum of daily hours of operation as determined in 4.c above for each day of the calendar month.
- f. Fuel supplier certification consisting of the name of the oil supplier, and a statement from the oil supplier that the #2 fuel oil complies with the sulfur limit as specified in D.2.b of this section for each #2 fuel oil delivery.

5. Class I Operating Permit Application

An operating permit to construct expires if a complete application for a Class I operating permit or modification of an existing Class I operating permit is not submitted within 12 months after the date of initial start-up (NAC 445B.3366.4).

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



BUREAU OF AIR POLLUTION CONTROL

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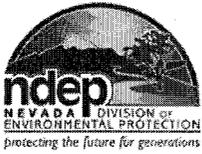
**CLASS I AIR QUALITY
OPERATING PERMIT TO CONSTRUCT**

Issued to: DEPARTMENT OF THE ARMY, HAWTHORNE ARMY DEPOT, AS PERMITTEE

Section VI. Emission Caps

A. No Emission Caps Defined.

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



BUREAU OF AIR POLLUTION CONTROL

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**CLASS I AIR QUALITY
OPERATING PERMIT TO CONSTRUCT**

Issued to: DEPARTMENT OF THE ARMY, HAWTHORNE ARMY DEPOT, AS PERMITTEE

Section VII. Surface Area Disturbance Conditions

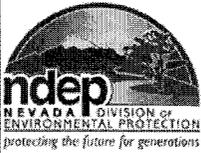
Surface area disturbance in excess of 20 acres.

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

- B. Permittee will control fugitive dust in accordance with the dust control plan entitled "Plan for Control of Fugitive Particulate Matter Emissions from Surface Area Disturbance Activities at Hawthorne Army Depot (HWAD) Main Base", as contained in Appendix 8 of the Class I-B Operating Permit Renewal Application for Class I Air Quality Operating Permit AP9711-0863.01, submitted November 17, 2008.

- C. NAC 445B.22037
Fugitive Dust
 - 1. The 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, the 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, the Permittee may not disturb or cover 5 acres or more of land or its topsoil until the permittee has obtained an Permit to construct 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 *******



BUREAU OF AIR POLLUTION CONTROL

Facility ID No. A0022

Permit No. AP9711-3088

**CLASS I AIR QUALITY
OPERATING PERMIT TO CONSTRUCT**

Issued to: DEPARTMENT OF THE ARMY, HAWTHORNE ARMY DEPOT, AS PERMITTEE

Section VIII. Amendments

October 24, 2012 – New OPTC. Application submitted 06/14/2012. Application Log# 12AP0541.

This Permit to construct:

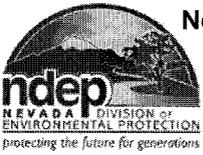
1. Is non-transferable. (NAC 445B.287)
2. Will be posted conspicuously at or near the stationary source. (NAC 445B.318)
3. Will expire if construction is not commenced within 18 months after the date of issuance or if construction of the facility is delayed for 18 months after initiated. (NAC 445B.3366)
4. Will expire if a complete application for a Class I operating permit or modification of an existing Class I operating permit is not submitted within 12 months after the initial start-up. (NAC 445B.3366)
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)
6. *The Permittee* shall submit a complete Class I application within 12 months after the notification date of commencement of operation as required in this permit to construct. (NAC 445B.3361)

Signature _____

Issued by: Jeffrey Kinder, P.E.
Supervisor, Permitting Branch
Bureau of Air Pollution Control

Phone: (775) 687-9495

Date: October 24, 2012



BUREAU OF AIR POLLUTION CONTROL

CLASS I NON-PERMIT EQUIPMENT LIST

Appended to DEPARTMENT OF THE ARMY, HAWTHORNE ARMY DEPOT, A0022, AP9711-3088 (OPTC)

Emission Unit #	Emission Unit Description
N/A	No additional Non-Permit Equipment proposed as part of this OPTC.

Note: The equipments listed on this attachment are subject to all applicable requirements of the NAC and ASIP.