

**New York State Department of Environmental Conservation  
Facility DEC ID: 9041200012**



**PERMIT  
Under the Environmental Conservation Law (ECL)**

**IDENTIFICATION INFORMATION**

Permit Type: Air State Facility  
Permit ID: 9-0412-00012/00055  
Mod 0 Effective Date: 04/12/2000 Expiration Date: 04/12/2005  
Mod 1 Effective Date: 09/28/2001 Expiration Date: 02/28/2011  
Mod 2 Effective Date: 02/12/2007 Expiration Date: 02/28/2011

Permit Issued To: DRESSER-RAND CO  
PAUL CLARK DR  
OLEAN, NY 14760

Contact: DRESSER-RAND - OLEAN OPERATIONS  
NORTH 5TH ST  
PO BOX 560  
OLEAN, NY 14760-0560  
(716) 375-3000

Facility: DRESSER-RAND OLEAN OPERATIONS  
NORTH 5TH ST  
OLEAN, NY 14760

Contact: GREGORY A STUBBS  
DRESSER RAND CO  
NORTH 5TH ST  
OLEAN, NY 14760-0560

**Description:**

This permit modification (Mod) was prompted by a May 15, 2006 letter from Dresser Rand wherein they requested that their due date for their annual capping certification be changed to May 30th instead of May 16th. They are also requesting that the annual reporting period be changed to May 1st through April 30th.

This facility manufactures gas turbines and centrifugal compressor products used in oil and gas production, oil and gas transmission, and refining. This permit covers the operation of two separate plants situated on 90 acres of land. Plant 1 is composed of a machine shop, welding shop and maintenance shop. Plant 2 is composed of an assembly shop, equipment test area, impeller center and a distribution center.

The history of the Air State facility (AFS) permits issued previously are as follows:

Mod 0



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This original ASF permit was generated to facilitate the replacing of two existing boilers (2 emission points) with two new boilers (rated at 48 million BTU per hour) in Plant 1 and the installing of one boiler (rated at 16.8 million BTU per hour) in Plant II.

**Mod 1**

Mod 1 contains a federally enforceable permit condition which limit facility emissions of total volatile organic compounds (VOC) to 9 ½ tpy. Through the imposition of this limit, VOC emissions were maintained below the applicability thresholds for VOC Reasonably Available Control Technology (RACT) requirements for surface coating operations of Part 228. This condition is continued in Mod 2.

Mod 1 also contains federally enforceable permit conditions which limit facility emissions of oxides of nitrogen to 95 tons per year (tpy), and limit total Hazardous Air Pollutants (HAP) to 23 tpy. Through the imposition of these two limits plus the limit on total VOC, the facility-wide emissions of those contaminants will be maintained below the applicability thresholds for Title V permitting and NOx Reasonably Available Control Technology (RACT) requirements of Part 227-2. Both of these permit conditions are continued in Mod 2.

The 201.88 million Btu per hour boiler (emission point 40) in plant No. 2 was built in 1993. Therefore, the federal New Source Performance Standards (NSPS) for mid size boilers, 40CFR60 Subpart Db applies. However, Mod 1 contains a limit of 10 percent or less for the unit's annual capacity factor. With the imposition of this federally enforceable permit limit, the boiler was not subject to the nitrogen oxides emission standards specified in Subpart Db. Additionally, the two 48 million Btu per hour boilers in plant No. 1 (emission points 23 and 24) and the one 16.8 million Btu per hour boiler in plant No. 2 (emission points 29) were built in 1999. Therefore, these three boilers are subject to the NSPS for small boilers 40CFR60 Subpart Dc. All of the other three boilers in plant No. 2 (emission source ID Nos. 00024, 00025 and 00026) were built before 1974 and, therefore, no NSPS applies to them. All of the permit conditions contained in this paragraph are also included in Mod 2.

By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, the General Conditions specified and any Special Conditions included as part of this permit.

Permit Administrator: DOUGLAS E BORSCHEL  
270 MICHIGAN AVE  
BUFFALO, NY 14203-2999

Authorized Signature: \_\_\_\_\_ Date: \_\_\_ / \_\_\_ / \_\_\_\_



**Notification of Other State Permittee Obligations**

**Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification**

The permittee expressly agrees to indemnify and hold harmless the Department of Environmental Conservation of the State of New York, its representatives, employees, and agents ("DEC") for all claims, suits, actions, and damages, to the extent attributable to the permittee's acts or omissions in connection with the permittee's undertaking of activities in connection with, or operation and maintenance of, the facility or facilities authorized by the permit whether in compliance or not in compliance with the terms and conditions of the permit. This indemnification does not extend to any claims, suits, actions, or damages to the extent attributable to DEC's own negligent or intentional acts or omissions, or to any claims, suits, or actions naming the DEC and arising under article 78 of the New York Civil Practice Laws and Rules or any citizen suit or civil rights provision under federal or state laws.

**Item B: Permittee's Contractors to Comply with Permit**

The permittee is responsible for informing its independent contractors, employees, agents and assigns of their responsibility to comply with this permit, including all special conditions while acting as the permittee's agent with respect to the permitted activities, and such persons shall be subject to the same sanctions for violations of the Environmental Conservation Law as those prescribed for the permittee.

**Item C: Permittee Responsible for Obtaining Other Required Permits**

The permittee is responsible for obtaining any other permits, approvals, lands, easements and rights-of-way that may be required to carry out the activities that are authorized by this permit.

**Item D: No Right to Trespass or Interfere with Riparian Rights**

This permit does not convey to the permittee any right to trespass upon the lands or interfere with the riparian rights of others in order to perform the permitted work nor does it authorize the impairment of any rights, title, or interest in real or personal property held or vested in a person not a party to the permit.



**LIST OF CONDITIONS**

**DEC GENERAL CONDITIONS**

**General Provisions**

Facility Inspection by the Department  
Relationship of this Permit to Other Department Orders and Determinations  
Applications for permit renewals, modifications and transfers  
Applications for Permit Renewals and Modifications  
Permit modifications, suspensions or revocations by the Department  
Applications for Permit Renewals and Modifications  
Permit Modifications, Suspensions and Revocations by the Department  
Permit Modifications, Suspensions, and Revocations by the Department

**Facility Level**

Submission of Applications for Permit Modification or Renewal -REGION 9  
HEADQUARTERS  
Submission of Applications for Permit Modification or Renewal -REGION 9  
HEADQUARTERS  
Submission of Applications for Permit Modification or Renewal -REGION 9  
SUBOFFICE  
Submission of application for permit modification or renewal-REGION 9  
SUBOFFICE-ALLEGANY



**DEC GENERAL CONDITIONS**  
**\*\*\*\* General Provisions \*\*\*\***  
**GENERAL CONDITIONS - Apply to ALL Authorized Permits.**

**Condition 1: Facility Inspection by the Department**  
**Applicable State Requirement: ECL 19-0305**

**Item 1.1:**

The permitted site or facility, including relevant records, is subject to inspection at reasonable hours and intervals by an authorized representative of the Department of Environmental Conservation (the Department) to determine whether the permittee is complying with this permit and the ECL. Such representative may order the work suspended pursuant to ECL 71-0301 and SAPA 401(3).

**Item 1.2:**

The permittee shall provide a person to accompany the Department's representative during an inspection to the permit area when requested by the Department.

**Item 1.3:**

A copy of this permit, including all referenced maps, drawings and special conditions, must be available for inspection by the Department at all times at the project site or facility. Failure to produce a copy of the permit upon request by a Department representative is a violation of this permit.

**Condition 2: Relationship of this Permit to Other Department Orders and Determinations**  
**Applicable State Requirement: ECL 3-0301.2(m)**

**Item 2.1:**

Unless expressly provided for by the Department, issuance of this permit does not modify, supersede or rescind any order or determination previously issued by the Department or any of the terms, conditions or requirements contained in such order or determination.

**Condition 2-1: Applications for permit renewals, modifications and transfers**  
**Applicable State Requirement: 6NYCRR 621.11**

**Item 2-1.1:**

The permittee must submit a separate written application to the Department for renewal, modification or transfer of this permit. Such application must include any forms or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing.

**Item 2-1.2:**

The permittee must submit a renewal application at least 180 days before expiration of permits for Title V Facility Permits, or at least 30 days before expiration of permits for State Facility Permits.

**Item 2-1.3:**

Permits are transferrable with the approval of the department unless specifically prohibited by the statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to



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actual transfer of ownership.

**Condition 2-2: Applications for Permit Renewals and Modifications  
Applicable State Requirement: 6NYCRR 621.13**

**Item 2-2.1:**

The permittee must submit a separate written application to the Department for renewal, modification or transfer of this permit. Such application must include any forms or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing.

**Item 2-2.2:**

The permittee must submit a renewal application at least 180 days before expiration of permits for Title V Facility Permits, or at least 30 days before expiration of permits for State Facility Permits.

**Item 2-2.3:**

Permits are transferrable with the approval of the department unless specifically prohibited by the statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual transfer of ownership.

**Condition 2-3: Permit modifications, suspensions or revocations by the Department  
Applicable State Requirement: 6NYCRR 621.13**

**Item 2-3.1:**

The Department reserves the right to modify, suspend, or revoke this permit in accordance with 6NYCRR Part 621. The grounds for modification, suspension or revocation include:

- a) materially false or inaccurate statements in the permit application or supporting papers;
- b) failure by the permittee to comply with any terms or conditions of the permit;
- c) exceeding the scope of the project as described in the permit application;
- d) newly discovered material information or a material change in environmental conditions, relevant technology or applicable law or regulations since the issuance of the existing permit;
- e) noncompliance with previously issued permit conditions, orders of the commissioner, any provisions of the Environmental Conservation Law or regulations of the Department related to the permitted activity.

**Condition 3: Applications for Permit Renewals and Modifications  
Applicable State Requirement: 6NYCRR 621.13(a)**

**Item 3.1:**

The permittee must submit a separate written application to the Department for renewal, modification or transfer of this permit. Such application must include any forms or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing.

**Item 3.2:**

The permittee must submit a renewal application at least 180 days before expiration of permits for Title



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V Facility Permits, or at least 30 days before expiration of permits for State Facility Permits.

**Condition 2-4: Permit Modifications, Suspensions and Revocations by the Department**  
**Applicable State Requirement: 6NYCRR 621.14**

**Item 2-4.1:**

The Department reserves the right to modify, suspend, or revoke this permit in accordance with 6NYCRR Part 621. The grounds for modification, suspension or revocation include:

- a) materially false or inaccurate statements in the permit application or supporting papers;
- b) failure by the permittee to comply with any terms or conditions of the permit;
- c) exceeding the scope of the project as described in the permit application;
- d) newly discovered material information or a material change in environmental conditions, relevant technology or applicable law or regulations since the issuance of the existing permit;
- e) noncompliance with previously issued permit conditions, orders of the commissioner, any provisions of the Environmental Conservation Law or regulations of the Department related to the permitted activity.

**Condition 4: Permit Modifications, Suspensions, and Revocations by the Department**  
**Applicable State Requirement: 6NYCRR 621.14**

**Expired by Mod No: 1**

**Item 4.1:**

The Department reserves the right to modify, suspend, or revoke this permit. The grounds for modification, suspension or revocation include:

- a) the scope of the permitted activity is exceeded or a violation of any condition of the permit or provisions of the ECL and pertinent regulations is found;
- b) the permit was obtained by misrepresentation or failure to disclose relevant facts;
- c) new material information is discovered; or
- d) environmental conditions, relevant technology, or applicable law or regulation have materially changed since the permit was issued.

**\*\*\*\* Facility Level \*\*\*\***

**Condition 5: Submission of Applications for Permit Modification or Renewal -REGION 9 HEADQUARTERS**  
**Applicable State Requirement: 6NYCRR 621.5(a)**

**Item 5.1:**

Submission of applications for permit modification or renewal are to be submitted to:

NYSDEC Regional Permit Administrator  
Region 9 Headquarters  
Division of Environmental Permits  
270 Michigan Avenue



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Buffalo, NY 14203-2999  
(716) 851-7165

**Condition 2-5: Submission of Applications for Permit Modification or Renewal -REGION 9  
HEADQUARTERS  
Applicable State Requirement: 6NYCRR 621.5(a)**

**Item 2-5.1:**

Submission of applications for permit modification or renewal are to be submitted to:  
NYSDEC Regional Permit Administrator  
Region 9 Headquarters  
Division of Environmental Permits  
270 Michigan Avenue  
Buffalo, NY 14203-2999  
(716) 851-7165

**Condition 2-6: Submission of Applications for Permit Modification or Renewal -REGION 9  
SUBOFFICE  
Applicable State Requirement: 6NYCRR 621.5(a)**

**Item 2-6.1:**

Submission of applications for permit modification or renewal are to be submitted to:  
NYSDEC Regional Permit Administrator  
Region 9 Sub-office  
Division of Environmental Permits  
182 E. Union Street  
Allegany, NY 14706-1328  
(716) 372-0645

**Condition 2-7: Submission of application for permit modification or renewal-REGION 9  
SUBOFFICE-ALLEGANY  
Applicable State Requirement: 6NYCRR 621.6(a)**

**Item 2-7.1:**

Submission of applications for permit modification or renewal are to be submitted to:  
NYSDEC Regional Permit Administrator  
Region 9 Sub-office  
Division of Environmental Permits  
182 E. Union Street  
Allegany, NY 14706-1328  
(716) 372-0645



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**Permit Under the Environmental Conservation Law (ECL)**

**ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY PERMIT**

**IDENTIFICATION INFORMATION**

Permit Issued To: DRESSER-RAND CO  
PAUL CLARK DR  
OLEAN, NY 14760

Facility: DRESSER-RAND OLEAN OPERATIONS  
NORTH 5TH ST  
OLEAN, NY 14760

Authorized Activity By Standard Industrial Classification Code:  
3563 - AIR AND GAS COMPRESSORS

Mod 0 Permit Effective Date: 04/12/2000

Permit Expiration Date: 04/12/2005

Mod 1 Permit Effective Date: 09/28/2001

Permit Expiration Date: 02/28/2011

Mod 2 Permit Effective Date: 02/12/2007

Permit Expiration Date: 02/28/2011



**LIST OF CONDITIONS**

**FEDERALLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 2-1 6NYCRR 200.6: Acceptable Ambient Air Quality
- 2-2 6NYCRR 215: Open Fires Prohibited at Industrial and Commercial Sites
- 15 6NYCRR 215: Open Fires Prohibited at Industrial and Commercial Sites
- 4 6NYCRR 200.7: Maintenance of equipment
- 2-3 6NYCRR 200.7: Maintenance of Equipment
- 2-4 6NYCRR 201-1.7: Recycling and Salvage
- 8 6NYCRR 201-1.7: Recycling and Salvage
- 2-5 6NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 2-6 6NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 9 6NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the Air
- 2-7 6NYCRR 201-3.2(a): Exempt Sources - Proof of Eligibility
- 11 6NYCRR 201-3.2(a): Proof of Eligibility
- 12 6NYCRR 201-3.3(a): Proof of Eligibility
- 2-8 6NYCRR 201-3.3(a): Trivial Sources - Proof of Eligibility
- 2-9 6NYCRR 202-1.1: Required Emissions Tests
- 2-10 6NYCRR 211.3: Visible Emissions Limited
- 14 6NYCRR 211.3: Visible emissions limited.
- 1 6NYCRR 200.1: Definitions Applicable To This Permit
- 2 6NYCRR 200.5: Sealing
- 3 6NYCRR 200.6: Acceptable ambient air quality
- 5 6NYCRR 201-1.2: Unpermitted Emission Sources
- 10 6NYCRR 201-1.10(a): Public Access to Recordkeeping
- 2-11 6NYCRR 201-7: Facility Permissible Emissions
- \*2-12 6NYCRR 201-7: Capping Monitoring Condition
- \*2-13 6NYCRR 201-7: Capping Monitoring Condition
- \*2-14 6NYCRR 201-7: Capping Monitoring Condition
- 16 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.

**Emission Unit Level**

**EU=D-R00B1**

- 1-8 6NYCRR 227-1.3(a): Compliance Demonstration

**EU=D-R00B2**

- 1-9 6NYCRR 227-1.3(a): Compliance Demonstration

**EU=D-R00B2,EP=00040**

- 1-10 40CFR 60.44b(k), NSPS Subpart Db: Oxides of nitrogen standard exemption.



**EU=D-R00B2,EP=00040,Proc=003,ES=00027**  
\*2-15 6NYCRR 201-7: Capping Monitoring Condition

**EU=D-RO0F1**  
1-15 6NYCRR 212.4(c): Compliance Demonstration

**EU=D-ROMD1**  
1-16 6NYCRR 212.4(c): Compliance Demonstration

**EU=D-ROMP1,EP=00014**  
1-17 6NYCRR 212.4(c): Compliance Demonstration

**EU=D-ROMP2,EP=00048**  
1-18 6NYCRR 212.4(c): Compliance Demonstration

**EU=D-ROPB1**  
1-19 6NYCRR 212.4(c): Compliance Demonstration

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 2-16 ECL 19-0301: Contaminant List
- 2-17 6NYCRR 201-1.4: Unavoidable noncompliance and violations
- 19 6NYCRR 201-5: General Provisions
- 1-20 6NYCRR 201-5: Permit Exclusion Provisions
- 20 6NYCRR 201-5: Emission Unit Definition
- 21 6NYCRR 201-5.1(a)(1): General Conditions - Synthetic Minor Facilities Obtaining State Facility Permits
- 23 6NYCRR 201-5.3(b): Contaminant List
- 24 6NYCRR 211.2: Air pollution prohibited

**Emission Unit Level**

- 27 6NYCRR 201-5: Emission Point Definition By Emission Unit
- 28 6NYCRR 201-5: Process Definition By Emission Unit

NOTE: \* preceding the condition number indicates capping.



**FEDERALLY ENFORCEABLE CONDITIONS**

**\*\*\*\* Facility Level \*\*\*\***

**NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**

**This section contains terms and conditions which are federally enforceable. Permittees may also have other obligations under regulations of general applicability**

**Item A: Sealing - 6NYCRR Part 200.5**

The Commissioner may seal an air contamination source to prevent its operation if compliance with 6 NYCRR Chapter III is not met within the time provided by an order of the Commissioner issued in the case of the violation.

Sealing means labeling or tagging a source to notify any person that operation of the source is prohibited, and also includes physical means of preventing the operation of an air contamination source without resulting in destruction of any equipment associated with such source, and includes, but is not limited to, bolting, chaining or wiring shut control panels, apertures or conduits associated with such source.

No person shall operate any air contamination source sealed by the Commissioner in accordance with this section unless a modification has been made which enables such source to comply with all requirements applicable to such modification.

Unless authorized by the Commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section.

**Item B: Acceptable Ambient Air Quality - 6NYCRR Part 200.6**

Notwithstanding the provisions of 6 NYCRR Chapter III, Subchapter A, no person shall allow or permit any air contamination source to emit air contaminants in quantities which alone or in combination with emissions from other air contamination sources would contravene any applicable ambient air quality standard and/or cause air pollution. In such cases where contravention occurs or may occur, the Commissioner shall specify the degree and/or method of emission control required.

**Item C: Maintenance of Equipment - 6NYCRR Part 200.7**

Any person who owns or operates an air contamination

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source which is equipped with an emission control device shall operate such device and keep it in a satisfactory state of maintenance and repair in accordance with ordinary and necessary practices, standards and procedures, inclusive of manufacturer's specifications, required to operate such device effectively.

**Item D: Unpermitted Emission Sources - 6NYCRR Part 201-1.2**

If an existing emission source was subject to the permitting requirements of 6NYCRR Part 201 at the time of construction or modification, and the owner and/or operator failed to apply for a permit for such emission source then the following provisions apply:

(a) The owner and/or operator must apply for a permit for such emission source or register the facility in accordance with the provisions of Part 201.

(b) The emission source or facility is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing sources or facilities.

**Item E: Emergency Defense - 6NYCRR Part 201-1.5**

An emergency constitutes an affirmative defense to an action brought for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

(a) The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:

(1) An emergency occurred and that the facility owner and/or operator can identify the cause(s) of the emergency;

(2) The equipment at the permitted facility causing the emergency was at the time being properly operated;

(3) During the period of the emergency the facility owner and/or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and

(4) The facility owner and/or operator notified the Department within two working days after the event



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occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

(b) In any enforcement proceeding, the facility owner and/or operator seeking to establish the occurrence of an emergency has the burden of proof.

(c) This provision is in addition to any emergency or upset provision contained in any applicable requirement.

**Item F: Recycling and Salvage - 6NYCRR Part 201-1.7**

Where practical, any person who owns or operates an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of 6 NYCRR.

**Item G: Prohibition of Reintroduction of Collected Contaminants to the Air - 6NYCRR Part 201-1.8**

No person shall unnecessarily remove, handle, or cause to be handled, collected air contaminants from an air cleaning device for recycling, salvage or disposal in a manner that would reintroduce them to the outdoor atmosphere.

**Item H: Proof of Eligibility for Sources Defined as Exempt Activities - 6 NYCRR Part 201-3.2(a)**

The owner and/or operator of an emission source or unit that is eligible to be exempt, may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

**Item I: Proof of Eligibility for Sources Defined as Trivial Activities - 6 NYCRR Part 201-3.3(a)**

The owner and/or operator of an emission source or unit that is listed as being trivial in 6 NYCRR Part 201 may be required to certify that it operates within the specific



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criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

**Item J: Required Emission Tests - 6 NYCRR Part 202-1.1**

An acceptable report of measured emissions shall be submitted, as may be required by the Commissioner, to ascertain compliance or noncompliance with any air pollution code, rule, or regulation. Failure to submit a report acceptable to the Commissioner within the time stated shall be sufficient reason for the Commissioner to suspend or deny an operating permit. Notification and acceptable procedures are specified in 6NYCRR Part 202-1.

**Item K: Visible Emissions Limited - 6 NYCRR Part 211.3**

Except as permitted by a specific part of this Subchapter and for open fires for which a restricted burning permit has been issued, no person shall cause or allow any air contamination source to emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.

**Item L: Open Fires - 6 NYCRR Part 215**

No person shall burn, cause, suffer, allow or permit the burning in an open fire of garbage, rubbish for salvage, or rubbish generated by industrial or commercial activities.

**Item M: Permit Exclusion - ECL 19-0305**

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant for violations based on facts and circumstances alleged to have occurred or existed prior to the effective date of this permit, including, but not



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limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.

**Item N:** **Federally Enforceable Requirements - 40 CFR 70.6(b)**  
All terms and conditions in this permit required by the Act or any applicable requirement, including any provisions designed to limit a facility's potential to emit, are enforceable by the Administrator and citizens under the Act. The Department has, in this permit, specifically designated any terms and conditions that are not required under the Act or under any of its applicable requirements as being enforceable under only state regulations.

**FEDERAL APPLICABLE REQUIREMENTS**  
**The following conditions are federally enforceable.**

**Condition 2-1: Acceptable Ambient Air Quality**  
**Effective between the dates of 02/12/2007 and 02/28/2011**

**Applicable Federal Requirement: 6NYCRR 200.6**

**Item 2-1.1:**  
Notwithstanding the provisions of 6 NYCRR Chapter III, Subchapter A, no person shall allow or permit any air contamination source to emit air contaminants in quantities which alone or in combination with emissions from other air contamination sources would contravene any applicable ambient air quality standard and/or cause air pollution. In such cases where contravention occurs or may occur, the Commissioner shall specify the degree and/or method of emission control required.

**Condition 2-2: Open Fires Prohibited at Industrial and Commercial Sites**  
**Effective between the dates of 02/12/2007 and 02/28/2011**

**Applicable Federal Requirement: 6NYCRR 215**

**Item 2-2.1:**  
No person shall burn, cause, suffer, allow or permit the burning in an open fire of garbage, refuse, rubbish for salvage, or rubbish generated by industrial or commercial activities.



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**Condition 15: Open Fires Prohibited at Industrial and Commercial Sites**  
**Effective between the dates of 04/12/2000 and 02/28/2011**

**Applicable Federal Requirement: 6NYCRR 215**

**Item 15.1:**

No person shall burn, cause, suffer, allow or permit the burning in an open fire of garbage, rubbish for salvage, or rubbish generated by industrial or commercial activities.

**Condition 4: Maintenance of equipment**  
**Effective between the dates of 04/12/2000 and 02/28/2011**

**Applicable Federal Requirement: 6NYCRR 200.7**

**Item 4.1:**

Any person who owns or operates an air contamination source which is equipped with an emission control device shall operate such device and keep it in a satisfactory state of maintenance and repair in accordance with ordinary and necessary practices, standards and procedures, inclusive of manufacturer's specifications, required to operate such device effectively.

**Condition 2-3: Maintenance of Equipment**  
**Effective between the dates of 02/12/2007 and 02/28/2011**

**Applicable Federal Requirement: 6NYCRR 200.7**

**Item 2-3.1:**

Any person who owns or operates an air contamination source which is equipped with an emission control device shall operate such device and keep it in a satisfactory state of maintenance and repair in accordance with ordinary and necessary practices, standards and procedures, inclusive of manufacturer's specifications, required to operate such device effectively.

**Condition 2-4: Recycling and Salvage**  
**Effective between the dates of 02/12/2007 and 02/28/2011**

**Applicable Federal Requirement: 6NYCRR 201-1.7**

**Item 2-4.1:**

Where practical, any person who owns or operates an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of the ECL.

**Condition 8: Recycling and Salvage**  
**Effective between the dates of 04/12/2000 and 02/28/2011**

**Applicable Federal Requirement: 6NYCRR 201-1.7**

**Item 8.1:**

Where practical, any person who owns or operates an air contamination source shall recycle or salvage air

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contaminants collected in an air cleaning device according to the requirements of 6 NYCRR.

**Condition 2-5: Prohibition of Reintroduction of Collected Contaminants to the air**

**Effective between the dates of 02/12/2007 and 02/28/2011**

**Applicable Federal Requirement: 6NYCRR 201-1.8**

**Item 2-5.1:**

No person shall remove, handle or cause to be handled, collected air contaminants from an air cleaning device for recycling, salvage or disposal in a manner that would reintroduce them to the outdoor atmosphere.

**Condition 2-6: Prohibition of Reintroduction of Collected Contaminants to the air**

**Effective between the dates of 02/12/2007 and 02/28/2011**

**Applicable Federal Requirement: 6NYCRR 201-1.8**

**Item 2-6.1:**

No person shall unnecessarily remove, handle or cause to be handled, collected air contaminants from an air cleaning device for recycling, salvage or disposal in a manner that would reintroduce them to the outdoor atmosphere.

**Condition 9: Prohibition of Reintroduction of Collected Contaminants to the Air**

**Effective between the dates of 04/12/2000 and 02/28/2011**

**Applicable Federal Requirement: 6NYCRR 201-1.8**

**Item 9.1:**

No person shall unnecessarily remove, handle, or cause to be handled, collected air contaminants from an air cleaning device for recycling, salvage or disposal in a manner that would reintroduce them to the outdoor atmosphere.

**Condition 2-7: Exempt Sources - Proof of Eligibility**

**Effective between the dates of 02/12/2007 and 02/28/2011**

**Applicable Federal Requirement: 6NYCRR 201-3.2(a)**

**Item 2-7.1:**

The owner and/or operator of an emission source or unit that is eligible to be exempt may be required to certify that it operates within the specific criteria described in this Subpart. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other State and Federal air



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pollution control requirements, regulations, or law.

**Condition 11: Proof of Eligibility**  
**Effective between the dates of 04/12/2000 and 02/28/2011**

**Applicable Federal Requirement: 6NYCRR 201-3.2(a)**

**Item 11.1:**

The owner and/or operator of an emission source or unit that is eligible to be exempt, may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

**Condition 12: Proof of Eligibility**  
**Effective between the dates of 04/12/2000 and 02/28/2011**

**Applicable Federal Requirement: 6NYCRR 201-3.3(a)**

**Item 12.1:**

The owner and/or operator of an emission source or unit that is listed as being trivial in 6 NYCRR Part 201 may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

**Condition 2-8: Trivial Sources - Proof of Eligibility**  
**Effective between the dates of 02/12/2007 and 02/28/2011**

**Applicable Federal Requirement: 6NYCRR 201-3.3(a)**

**Item 2-8.1:**

The owner and/or operator of an emission source or unit that is listed as being trivial in this Part may be required to certify that it operates within the specific criteria described in this Subpart. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other State and Federal air pollution control requirements, regulations, or law.

**Condition 2-9: Required Emissions Tests**  
**Effective between the dates of 02/12/2007 and 02/28/2011**

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**Applicable Federal Requirement: 6NYCRR 202-1.1**

**Item 2-9.1:**

For the purpose of ascertaining compliance or non-compliance with any air pollution control code, rule or regulation, the commissioner may require the person who owns such air contamination source to submit an acceptable report of measured emissions within a stated time. Such person shall bear the cost of measurement and preparing the report of measured emissions. Failure of such person to submit a report acceptable to the commissioner within the time stated shall be sufficient reason for the commissioner to suspend or deny a certificate to operate.

**Condition 2-10: Visible Emissions Limited**

**Effective between the dates of 02/12/2007 and 02/28/2011**

**Applicable Federal Requirement: 6NYCRR 211.3**

**Item 2-10.1:**

Except as permitted by a specific part of this Subchapter and for open fires for which a restricted burning permit has been issued, no person shall cause or allow any air contamination source to emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.

**Condition 14: Visible emissions limited.**

**Effective between the dates of 04/12/2000 and 02/28/2011**

**Applicable Federal Requirement: 6NYCRR 211.3**

**Item 14.1:**

Except as permitted by a specific part of this Subchapter and for open fires for which a restricted burning permit has been issued, no person shall cause or allow any air contamination source to emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.

**Condition 1: Definitions Applicable To This Permit**

**Effective between the dates of 04/12/2000 and 02/28/2011**

**Applicable Federal Requirement: 6NYCRR 200.1**

**Item 1.1:**

The definitions found in Parts 200 and 201 apply throughout this permit. Specific definitions used in this permit and their meanings include:

1. "Act" refers to the Federal Clean Air Act, 42 U.S.C. Section 7401, et seq., as amended by Public Law 101-549, November 15, 1990.
2. "Administrator" refers to the Administrator of the United States Environmental Protection Agency or designee.

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3. "Department" refers to the New York State Department of Environmental Conservation.

**Condition 2: Sealing**  
**Effective between the dates of 04/12/2000 and 02/28/2011**

**Applicable Federal Requirement: 6NYCRR 200.5**

**Item 2.1:**

(a) The commissioner may seal an air contamination source to prevent its operation if compliance with 6 NYCRR Chapter III is not met within the time provided by an order of the commissioner issued in the case of the violation. Sealing means labelling or tagging a source to notify any person that operation of the source is prohibited, and also includes physical means of preventing the operation of an air contamination source without resulting in destruction of any equipment associated with such source, and includes, but is not limited to, bolting, chaining or wiring shut control panels, apertures or conduits associated with such source.

(b) No person shall operate any air contamination source sealed by the commissioner in accordance with this section unless a modification has been made which enables such source to comply with all requirements applicable to such modification.

(c) Unless authorized by the commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section

**Condition 3: Acceptable ambient air quality**  
**Effective between the dates of 04/12/2000 and 02/28/2011**

**Applicable Federal Requirement: 6NYCRR 200.6**

**Item 3.1:**

Notwithstanding the provisions of 6 NYCRR Chapter III, Subchapter A, no person shall allow or permit any air contamination source to emit air contaminants in quantities which alone or in combination with emissions from other air contamination sources would contravene any applicable ambient air quality standard and/or cause air pollution. In such cases where contravention occurs or may occur, the commissioner shall specify the degree and/or method of emission control required.

**Condition 5: Unpermitted Emission Sources**  
**Effective between the dates of 04/12/2000 and 02/28/2011**

**Applicable Federal Requirement: 6NYCRR 201-1.2**

**Item 5.1:**

If an existing emission source was subject to the permitting requirements of 6NYCRR Part 201 at the time of construction or modification, and the owner and/or operator failed to apply for a permit for such emission source then the following provisions apply:

(a) The owner and/or operator must apply for a permit for such emission source or register the



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facility in accordance with the provisions of Part 201.

(b) The emission source or facility is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing sources or facilities.

**Condition 10: Public Access to Recordkeeping**

**Effective between the dates of 04/12/2000 and 02/28/2011**

**Applicable Federal Requirement: 6NYCRR 201-1.10(a)**

**Item 10.1:**

Where emission source owners and/or operators keep records pursuant to compliance with the operational flexibility requirements of 6 NYCRR Subpart 201-5.4(b)(1) , and/or the emission capping requirements of 6 NYCRR Subparts 201-7.2(d), 201-7.3(f), 201-7.3(g), 201-7.3(h)(5), 201-7.3(i) and 201-7.3(j), the Department will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records. Emission source owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department of receipt of the request.

**Condition 2-11: Facility Permissible Emissions**

**Effective between the dates of 02/12/2007 and 02/28/2011**

**Applicable Federal Requirement: 6NYCRR 201-7**

**Item 2-11.1:**

The sum of emissions from the emission units specified in this permit shall not equal or exceed the following

Potential To Emit (PTE) rate for each regulated contaminant:

CAS No: 0NY100-00-0 (From Mod 2) PTE: 46,000 pounds per year  
Name: HAP

CAS No: 0NY210-00-0 (From Mod 2) PTE: 190,000 pounds per year  
Name: OXIDES OF NITROGEN

CAS No: 0NY998-00-0 (From Mod 2) PTE: 19,000 pounds per year  
Name: VOC

**Condition 2-12: Capping Monitoring Condition**

**Effective between the dates of 02/12/2007 and 02/28/2011**

**Applicable Federal Requirement: 6NYCRR 201-7**

**Item 2-12.1:**

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of



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limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6NYCRR 201-6.1

**Item 2-12.2:**

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

**Item 2-12.3:**

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

**Item 2-12.4:**

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

**Item 2-12.5:**

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

**Item 2-12.6:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

**Item 2-12.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: MONITORING OF PROCESS OR CONTROL  
DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

The facility total hazardous air pollutants (HAP) emissions will be limited to 23 tons per year. These emissions will be calculated on a rolling 12 month total basis. By limiting total HAP emissions to 23 tpy (as well as accepting conditions limiting emissions of NO<sub>x</sub> and total VOCs) the facility will not be subject to Title V permitting requirements. The permittee shall track

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usage/consumption and maintain records showing the quantity of all materials used at the facility which contain HAPs. These records shall include the HAP content of the materials. The records shall be based on verifiable data. The Permittee shall maintain purchase orders and/or invoices of the HAP containing materials to confirm the general accuracy of the records.

The facility shall also comply with the following conditions:

- 1) The owner or operator must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to this facility, during normal operating hours, for the purpose of determining compliance with this cap.
- 2) From item 1 above, and in order to determine compliance with 6NYCRR 201-6, the Permittee must prepare monthly emission records before the 15th day of the following month. Each month the Permittee must compute a rolling 12 month total for HAPs using the latest monthly records meaning that the latest monthly emissions shall be added to the previous 11 months. An exceedance of the 23 ton limit within any 12 month period shall be reported within six days.
- 3.) The first reporting period under this permit is for the period April 13, 2007 to April 30, 2007. This report is due May 30, 2007. All subsequent reports shall cover the period May 1st to April 30th and are due no later than May 30th.
- 4.)The facility shall use Department published reporting forms for annual emission cap certification. The latest forms can be found on the Department's website, [www.dec.state.ny.us](http://www.dec.state.ny.us).

Parameter Monitored: HAP

Upper Permit Limit: 46000 pounds per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL TOTAL ROLLED MONTHLY

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 2-13: Capping Monitoring Condition**

**Effective between the dates of 02/12/2007 and 02/28/2011**

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**Applicable Federal Requirement: 6NYCRR 201-7**

**Item 2-13.1:**

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6NYCRR 201-6.1

**Item 2-13.2:**

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

**Item 2-13.3:**

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

**Item 2-13.4:**

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

**Item 2-13.5:**

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

**Item 2-13.6:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY210-00-0 OXIDES OF NITROGEN

**Item 2-13.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: MONITORING OF PROCESS OR CONTROL  
DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

NOx emissions are limited to 95 tons per year. These emissions will be calculated on a rolling 12 month total

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basis. By accepting the limitations on yearly NO<sub>x</sub> emissions (as well as accepting conditions limiting total HAPs and total VOCs) the facility avoids the requirements of both Title V permitting- Part 201-6.1 and NO<sub>x</sub> RACT Part 227-2. This facility is being capped under the provisions of Part 201-7.2, "Emissions capping using synthetic minor permits".

Tracking and recording of monthly fuel consumption shall be performed and a rolling 12 month total- E<sub>total</sub> for NO<sub>x</sub> will be calculated monthly using the following equations.

One Boiler - 201.88 MMBtu/hr

One Boiler - 185.05 MMBtu/hr

Two Boilers - 83.852 MMBtu/hr

Two Boilers - 48 MMBtu/hr

One Boiler - 16 MMBtu/hr

$$E_{total} = E_1 + E_2$$

$E_1 = 0.15 \text{ lbs NO}_x / 106 \text{ Btu} \times 1050 \text{ Btu/ft}^3 \times [\text{Natural Gas use ft}^3/\text{month}] \times$   
 $\text{ton}/2000 \text{ lb- Natural gas burned in the boilers listed above.}$

$E_2 = (91,500 \text{ Btu/gal})(\# \text{ of gallons of propane burned in the flare process})(0.15 \text{ lb}/1,000,000 \text{ Btu})$

The facility shall comply with the following conditions:

- 1) All records shall be based on verifiable data. The Permittee shall maintain purchase orders and/or invoices of fuel oil used and corresponding sulfur content to confirm the general accuracy of the records. The owner or operator must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to this facility, during normal operating hours, for the purpose of determining compliance with this cap.
- 2) From item 1 above, and in order to determine compliance with 6NYCRR 201-6, the Permittee must prepare monthly emission records. Each month the Permittee must compute a rolling 12 month total for NO<sub>x</sub> using the latest



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monthly records. An exceedance of the 95 ton limit within any 12 month period shall be reported within six days. A copy of these monthly emission records shall be kept on site and made available to the Department upon request during normal business hours.

3) The emission of pollutants in exceedance of the applicability thresholds for obtaining a Title V facility permit or other applicable requirements constitutes a violation of this Part 201 and of the Act.

4.) 3.) The first reporting period under this permit is for the period April 13, 2007 to April 30, 2007. This report is due May 30, 2007. All subsequent reports shall cover the period May 1st to April 30th and are due no later than May 30th.

5.) The facility shall use Department published reporting forms for annual emission cap certification. The latest forms can be found on the Department's web site, [www.dec.state.ny.us](http://www.dec.state.ny.us).

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 190000 pounds per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 2-14: Capping Monitoring Condition**

**Effective between the dates of 02/12/2007 and 02/28/2011**

**Applicable Federal Requirement: 6NYCRR 201-7**

**Item 2-14.1:**

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6NYCRR 228.1(d)

**Item 2-14.2:**

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.



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**Item 2-14.3:**

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

**Item 2-14.4:**

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

**Item 2-14.5:**

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

**Item 2-14.6:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 2-14.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: MONITORING OF PROCESS OR CONTROL  
DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

The facility volatile organic compound (VOC) emissions are limited to 9 1/2 tons per year. By limiting emissions 9 1/2 tons per year the facility is not subject to VOC control requirements of Part 228. The permittee shall track usage/consumption and maintain records showing the quantity of all materials used at the facility which contain VOC. These records shall include the VOC content of the materials. The records shall be based on verifiable data. The Permittee shall maintain purchase orders and/or invoices of the VOC containing materials to confirm the general accuracy of the records.

The facility shall also comply with the following conditions:

- 1) All records shall be based on verifiable data. The



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Permittee shall maintain purchase orders and/or invoices to confirm the general accuracy of the records. The owner or operator must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to this facility, during normal operating hours, for the purpose of determining compliance with this cap.

2) From item 1 above, and in order to determine compliance with 6NYCRR 201-6, the Permittee must prepare monthly emission records. Each month the Permittee must compute a rolling 12 month total for VOC using the latest monthly records. An exceedance of the 9 1/2 ton limit within any 12 month period shall be reported within six days. A copy of these monthly emission records shall be kept on site and made available to the Department upon request during normal business hours.

3) The emission of pollutants in exceedance of the applicability thresholds for obtaining a Title V facility permit or other applicable requirements constitutes a violation of this Part 201 and of the Act.

4.) 3.) The first reporting period under this permit is for the period April 13, 2007 to April 30, 2007. This report is due May 30, 2007. All subsequent reports shall cover the period May 1st to April 30th and are due no later than May 30th.

5.)The facility shall use Department published reporting forms for annual emission cap certification. The latest forms can be found on the Department's web site, [www.dec.state.ny.us](http://www.dec.state.ny.us).

Parameter Monitored: VOC

Upper Permit Limit: 19000 pounds per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 16: Recordkeeping requirements.**

**Effective between the dates of 04/12/2000 and 02/28/2011**

**Applicable Federal Requirement: 40CFR 60.7(b), NSPS Subpart A**

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**Item 16.1:**

Affected owners or operators shall maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.

**\*\*\*\* Emission Unit Level \*\*\*\***

**Condition 1-8: Compliance Demonstration**

**Effective between the dates of 09/28/2001 and 02/28/2011**

**Applicable Federal Requirement: 6NYCRR 227-1.3(a)**

**Item 1-8.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: D-R00B1

**Item 1-8.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL  
DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

No owner or operator of a combustion installation shall emit greater than 20 percent opacity except for one six minute period per hour, not to exceed 27 percent, based upon the six minute average in reference test method 9 in Appendix A of 40 CFR 60.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 1-9: Compliance Demonstration**

**Effective between the dates of 09/28/2001 and 02/28/2011**

**Applicable Federal Requirement: 6NYCRR 227-1.3(a)**

**Item 1-9.1:**

The Compliance Demonstration activity will be performed for:

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Emission Unit: D-R00B2

**Item 1-9.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL  
DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

No owner or operator of a combustion installation shall emit greater than 20 percent opacity except for one six minute period per hour, not to exceed 27 percent, based upon the six minute average in reference test method 9 in Appendix A of 40 CFR 60.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 1-10: Oxides of nitrogen standard exemption.**

**Effective between the dates of 09/28/2001 and 02/28/2011**

**Applicable Federal Requirement: 40CFR 60.44b(k), NSPS Subpart Db**

**Item 1-10.1:**

This Condition applies to Emission Unit: D-R00B2 Emission Point: 00040

**Item 1-10.2:**

Affected facilities which meet the criteria in paragraphs (j)(1), (j)(2), and (j)(3) and are less than or equal to 73 MW in heat input capacity are exempt from the oxides of nitrogen standards of section 40 CFR 60-Db.44b(k).

**Condition 2-15: Capping Monitoring Condition**

**Effective between the dates of 02/12/2007 and 02/28/2011**

**Applicable Federal Requirement: 6NYCRR 201-7**

**Item 2-15.1:**

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

40CFR 60-Db.44b(j)

**Item 2-15.2:**



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capacity . By accepting this federally enforceable permit condition the boiler becomes exempt from the nitrogen oxide requirements found in 40CFR 60.44b.

40CFR 60.44b(k)

(k) Affected facilities that meet the criteria described in paragraphs (j) (1), (2), and (3) of this section, and that have a heat input capacity of 73 MW (250 million Btu/hour) or less, are not subject to the nitrogen oxides emission limits under this section.

40CFR 60.44b(j)

(j) Compliance with the emission limits under this section is determined on a 24-hour average basis for the initial performance test and on a 3-hour average basis for subsequent performance tests for any affected facilities that:

(1) Combust, alone or in combination, only natural gas and distillate oil, or residual oil with a nitrogen content of 0.30 weight percent or less;

(2) Have a combined annual capacity factor of 10 percent or less for natural gas, distillate oil, residual oil with a nitrogen content of 0.30 weight percent or less; and

(3) Are subject to a Federally enforceable requirement limiting operation of the affected facility to the firing of natural gas, distillate oil, limiting operation of the affected facility to a combined annual capacity factor of 10 percent or less for natural gas and distillate oil, residual oil with a nitrogen content of 0.30 weight percent or less.

NOTE: The nitrogen content requirement in 60.44b(j)(1) refers to residual oil only -As referenced by the April 9, 2001 letter from Kenneth Eng of USEPA to Patrick Kellam of Dresser. Since Dresser does not burn any oil, there is no need to include a nitrogen content requirement in the permit. If Dresser ever decides to burn oil a permit Mod will first be required.

Boiler fuel use shall be monitored monthly so that the annual capacity factor shall be calculated for the previous 12 months . Records of annual capacity factor shall be kept on site for a period of no less than five years and shall be readily available for NYSDEC review upon request. An exceedance of the annual 10 percent limit as measured during any 12 month period shall be



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reported to the department within 6 days of the exceedance.

The first reporting period under this permit is for the period April 13, 2007 to April 30, 2007. The report is due May 30, 2007. All the following reports shall cover the period May 1st to April 30th and are due no later than May 30 th.

Parameter Monitored: ANNUAL CAPACITY FACTOR  
Upper Permit Limit: 10 percent  
Monitoring Frequency: MONTHLY  
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY  
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 1-15: Compliance Demonstration**  
**Effective between the dates of 09/28/2001 and 02/28/2011**

**Applicable Federal Requirement: 6NYCRR 212.4(c)**

**Item 1-15.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: D-RO0F1

Regulated Contaminant(s):  
CAS No: 0NY075-00-0 PARTICULATES

**Item 1-15.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING  
Monitoring Description:

In instances where determination of permissible emission rate using process weight is not applicable, and for an environmental rating of B or C, no person will cause or allow emissions of solid particulates that exceed 0.050 grains of particulate per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis.

Parameter Monitored: PARTICULATES  
Upper Permit Limit: 0.050 grains per dscf  
Reference Test Method: EPA Method 5  
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION  
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED



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Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 1-16: Compliance Demonstration**

**Effective between the dates of 09/28/2001 and 02/28/2011**

**Applicable Federal Requirement: 6NYCRR 212.4(c)**

**Item 1-16.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: D-ROMD1

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 1-16.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

In instances where determination of permissible emission rate using process weight is not applicable, and for an environmental rating of B or C, no person will cause or allow emissions of solid particulates that exceed 0.050 grains of particulate per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.050 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 1-17: Compliance Demonstration**

**Effective between the dates of 09/28/2001 and 02/28/2011**

**Applicable Federal Requirement: 6NYCRR 212.4(c)**

**Item 1-17.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: D-ROMP1 Emission Point: 00014

Regulated Contaminant(s):

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**Facility DEC ID: 9041200012**



CAS No: 0NY075-00-0 PARTICULATES

**Item 1-17.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

In instances where determination of permissible emission rate using process weight is not applicable, and for an environmental rating of B or C, no person will cause or allow emissions of solid particulates that exceed 0.050 grains of particulate per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.050 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 1-18: Compliance Demonstration**

**Effective between the dates of 09/28/2001 and 02/28/2011**

**Applicable Federal Requirement: 6NYCRR 212.4(c)**

**Item 1-18.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: D-ROMP2 Emission Point: 00048

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 1-18.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

In instances where determination of permissible emission rate using process weight is not applicable, and for an environmental rating of B or C, no person will cause or allow emissions of solid particulates that exceed 0.050 grains of particulate per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis.

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Parameter Monitored: PARTICULATES  
Upper Permit Limit: 0.050 grains per dscf  
Reference Test Method: EPA Method 5  
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION  
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED  
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 1-19: Compliance Demonstration**  
**Effective between the dates of 09/28/2001 and 02/28/2011**

**Applicable Federal Requirement: 6NYCRR 212.4(c)**

**Item 1-19.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: D-ROPB1

Regulated Contaminant(s):  
CAS No: 0NY075-00-0 PARTICULATES

**Item 1-19.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING  
Monitoring Description:  
In instances where determination of permissible emission rate using process weight is not applicable, and for an environmental rating of B or C, no person will cause or allow emissions of solid particulates that exceed 0.050 grains of particulate per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis.

Parameter Monitored: PARTICULATES  
Upper Permit Limit: 0.050 grains per dscf  
Reference Test Method: EPA Method 5  
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION  
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED  
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



**STATE ONLY ENFORCEABLE CONDITIONS**

**\*\*\*\* Facility Level \*\*\*\***

**NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**

**This section contains terms and conditions which are not federally enforceable. Permittees may also have other obligations under regulations of general applicability**

**Item A: Public Access to Recordkeeping for Facilities With State Facility Permits - 6NYCRR Part 201-1.10(a)**

Where emission source owners and/or operators keep records pursuant to compliance with the operational flexibility requirements of 6 NYCRR Subpart 201-5.4(b)(1) , and/or the emission capping requirements of 6 NYCRR Subparts 201-7.2(d), 201-7.3(f), 201-7.3(g), 201-7.3(h)(5), 201-7.3(i) and 201-7.3(j), the Department will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records. Emission source owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department of receipt of the request.

**Item B: General Provisions for State Enforceable Permit Terms and Condition - 6 NYCRR Part 201-5**

Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all criteria, emission limits, terms, conditions, and standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or

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law.

**STATE ONLY APPLICABLE REQUIREMENTS**

**The following conditions are state only enforceable.**

**Condition 2-16: Contaminant List**

**Effective between the dates of 02/12/2007 and 02/28/2011**

**Applicable State Requirement: ECL 19-0301**

**Item 2-16.1:**

Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 0NY100-00-0

Name: HAP

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 0NY998-00-0

Name: VOC

**Condition 2-17: Unavoidable noncompliance and violations**

**Effective between the dates of 02/12/2007 and 02/28/2011**

**Applicable State Requirement: 6NYCRR 201-1.4**

**Item 2-17.1:**

At the discretion of the commissioner a violation of any applicable emission standard for necessary scheduled equipment maintenance, start-up/shutdown conditions and malfunctions or upsets may be excused if such violations are unavoidable. The following actions and recordkeeping and reporting requirements must be adhered to in such circumstances.

- (a) The facility owner and/or operator shall compile and maintain records of all equipment maintenance or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the commissioner's representative when requested to do so in writing or when so required by a condition of a permit issued for the corresponding air contamination source except where conditions elsewhere in this permit which contain more stringent reporting and notification provisions for an applicable requirement, in which case they supercede those stated here. Such reports shall describe why the violation was unavoidable and shall include the time, frequency and duration of the maintenance and/or start-up/shutdown activities and the



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identification of air contaminants, and the estimated emission rates. If a facility owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, he need not submit reports for equipment maintenance or start-up/shutdown for the facility to the commissioner's representative.

(b) In the event that emissions of air contaminants in excess of any emission standard in 6 NYCRR Chapter III Subchapter A occur due to a malfunction, the facility owner and/or operator shall report such malfunction by telephone to the commissioner's representative as soon as possible during normal working hours, but in any event not later than two working days after becoming aware that the malfunction occurred. Within 30 days thereafter, when requested in writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates. These reporting requirements are superceded by conditions elsewhere in this permit which contain reporting and notification provisions for applicable requirements more stringent than those above.

(c) The Department may also require the owner and/or operator to include in reports described under (a) and (b) above an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions depending on the deviation of the malfunction and the air contaminants emitted.

(d) In the event of maintenance, start-up/shutdown or malfunction conditions which result in emissions exceeding any applicable emission standard, the facility owner and/or operator shall take appropriate action to prevent emissions which will result in contravention of any applicable ambient air quality standard. Reasonably available control technology, as determined by the commissioner, shall be applied during any maintenance, start-up/shutdown or malfunction condition subject to this paragraph.

(e) In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets.

**Condition 19: General Provisions**

**Effective between the dates of 04/12/2000 and 02/28/2011**

**Applicable State Requirement: 6NYCRR 201-5**

**Item 19.1:**

This section contains terms and conditions that are not federally enforceable and are not required under the Act or under any of its applicable requirements. Terms and conditions so designated are not subject to the requirements of Section 201-6.4 of Part 201.

**Item 19.2:**

Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all criteria, emission limits, terms, conditions, and standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.



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**Item 19.3:**

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

**Condition 1-20: Permit Exclusion Provisions**

**Effective between the dates of 09/28/2001 and 02/28/2011**

**Applicable State Requirement: 6NYCRR 201-5**

**Item 1-20.1:**

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any currently pending or future legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant including, but not limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR).

The issuance of this permit by the Department and the receipt thereof by the Applicant does not supercede, revoke or rescind an order or modification thereof on consent or determination by the Commissioner issued heretofore by the Department or any of the terms, conditions or requirements contained in such order or modification thereof unless specifically intended by this permit.

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting the right of the Department to bring any future action, or pursue any pending action, either administrative or judicial, to required remediation, contribution for costs incurred or funds expended, for any violations, past, present or future, known or unknown, of applicable federal law, the ECL, or the rules and regulations promulgated thereunder, or conditions contained in any other licenses or permits issued to the Applicant and not addressed in this permit.

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting the right of the Department to pursue any claims for natural resource damages against the Applicant.

**Condition 20: Emission Unit Definition**

**Effective between the dates of 04/12/2000 and 02/28/2011**

**Applicable State Requirement: 6NYCRR 201-5**

**Item 20.1(From Mod 2):**

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: D-R00B1



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**Permit ID: 9-0412-00012/00055**

**Facility DEC ID: 9041200012**

**Emission Unit Description:**

Emission unit consists of steam generating boilers located in Plant 1. At present there are two 1000 horsepower boilers that utilize natural gas. Each boiler has a rated output of  $48 \times 10^6$  Btu/hr. The two boilers are flue-gas recirculated (FGI) type boilers and are typically only operated during the winter months. Emission points now include the following: EP 0023 - boiler w/ capacity of  $48 \times 10^6$  Btu/hr. EP 0024 - boiler w/ capacity of  $48 \times 10^6$  Btu/hr.

Building(s): PLANT 1

**Item 20.2(From Mod 2):**

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: D-R00B2

**Emission Unit Description:**

Emission unit consists of steam generating boilers located in Plant 2. At present there are five boilers as follows: boiler located in Plant 2 distribution center: rated output of  $16 \times 10^6$  Btu/hr and typically is operated year round. Boiler No.1: maximum gas consumption rate of 83,852 SCFH a. boiler No.2: maximum gas consumption rate of 83,852 SCFH and boiler No.3: maximum gas consumption rate of 185,050 SCFH and typically only operates during the winter months. Boiler No.4: maximum gas consumption rate of 201,880 SCFH emission points include the following: EP 0029 - boiler  $16 \times 10^6$  btu/hr, EP 0038 - boiler No.1 with maximum gas consumption rate of 83,852 SCFH gas, boiler No.2 - with maximum gas consumption rate of 83,852 SCFH gas, EP 0039 - boiler No.3 with maximum gas consumption rate of 185,050 SCFH gas, EP 0040 - boiler No.4 with maximum gas consumption rate of 201,880 SCFH gas.

Building(s): PLANT 2

**Item 20.3(From Mod 2):**

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: D-ROOF1

**Emission Unit Description:**

Emission unit is located in plant No.2 and consists of equipment utilized to flare propane or other combustible gases during the testing of compressor units at Dresser Rand's test facility. Emission points include: EP 0041.

Building(s): PLANT 2

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**Item 20.4(From Mod 2):**

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: D-ROMD1

Emission Unit Description:

Emission unit contains processes which are utilized to deposit metal coatings on metal surfaces. These include a babbiting process where molten babbit is placed on metallic shell surfaces to produce lined anti-friction bearings and a thermal metal spray process where a nickel alloy graphite composite is sprayed on metal surfaces. Neither process utilizes control equipment on the ventilation exhaust air. Emissions Points included: EP 0032, EP 0047.

Building(s): PLANT 1

**Item 20.5(From Mod 2):**

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: D-ROMP1

Emission Unit Description:

Emission unit is located in plant No.2 and consists of equipment utilized to clean up castings. It now contains a walk in cabinet type of shot blast system which shoots abrasive material under high air pressure to clean up castings before finishing machinery. System exhaust air is vented through particulate control equipment. Emission Points include EP 0014.

Building(s): PLANT 2

**Item 20.6(From Mod 2):**

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: D-ROMP2

Emission Unit Description:

Emission Unit is located in plant No.1 and consists of equipment utilized to clean up castings. It now contains a grit blast process which utilizes aluminum grit oxide which is shot under air pressure through a small diameter nozzle at high velocity to clean up fresh castings. System exhaust air is vented through particulate control equipment. Emission Points include: EP 00048.

Building(s): PLANT 1

**Item 20.7(From Mod 2):**

The facility is authorized to perform regulated processes under this permit for:



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Emission Unit: D-ROPB1

Emission Unit Description:

The facility's main paint and coatings spraying and drying area contains four paint spray booths. Each paint spray booth is equipped with filters for removal of particulates. Emission points include: EP 0010A, EP 0010B, EP 0012A, EP 001B..

Building(s): PLANT 2

**Item 20.8(From Mod 2):**

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: D-ROSP1

Emission Unit Description:

Emission Unit consists of metal stripping (contains an aqueous sodium hydroxide solution) and acid pickling (contains weak aqueous phosphoric acid solution. Process ventilation is provided by an exhaust blower and associated ductwork. Emission points include: EP 0011.

Building(s): PLANT 2

**Condition 21: General Conditions - Synthetic Minor Facilities Obtaining State Facility Permits  
Effective between the dates of 04/12/2000 and 02/28/2011**

**Applicable State Requirement: 6NYCRR 201-5.1(a)(1)**

**Item 21.1:**

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

**Item 21.2:**

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

**Item 21.3:**

On an annual basis, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to those threshold levels that would require the submission of an application for a Title V facility permit, or compliance with an applicable requirement.

**Item 21.4:**



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The emission of pollutants in exceedance of the applicability thresholds for obtaining a Title V facility permit or other applicable requirements constitutes a violation of Part 201 and of the Act.

**Condition 23: Contaminant List**

**Effective between the dates of 04/12/2000 and 02/28/2011**

**Applicable State Requirement: 6NYCRR 201-5.3(b)**

**Item 23.1:**

Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 0NY100-00-0

Name: HAP

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 0NY998-00-0

Name: VOC

**Condition 24: Air pollution prohibited**

**Effective between the dates of 04/12/2000 and 02/28/2011**

**Applicable State Requirement: 6NYCRR 211.2**

**Item 24.1:**

No person shall cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity, characteristic or duration which are injurious to human, plant or animal life or to property, or which unreasonably interfere with the comfortable enjoyment of life or property. Notwithstanding the existence of specific air quality standards or emission limits, this prohibition applies, but is not limited to, any particulate, fume, gas, mist, odor, smoke, vapor, pollen, toxic or deleterious emission, either alone or in combination with others.

**\*\*\*\* Emission Unit Level \*\*\*\***

**Condition 27: Emission Point Definition By Emission Unit**

**Effective between the dates of 04/12/2000 and 02/28/2011**

**Applicable State Requirement: 6NYCRR 201-5**

**Item 27.1(From Mod 2):**



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**Facility DEC ID: 9041200012**

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: D-R00B2

Emission Point: 00029

Height (ft.): 54

Diameter (in.): 24

Building: PLANT 2

Emission Point: 00038

Height (ft.): 60

Length (in.): 192

Width (in.): 42

NYTMN (km.): 4665.

NYTME (km.): 215.6

Building: PLANT 2

Emission Point: 00039

Height (ft.): 60

Diameter (in.): 90

NYTMN (km.): 4665.

NYTME (km.): 215.6

Building: PLANT 2

Emission Point: 00040

Height (ft.): 60

Diameter (in.): 48

NYTMN (km.): 4665.

NYTME (km.): 215.6

Building: PLANT 2

**Item 27.2(From Mod 2):**

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: D-ROMD1

Emission Point: 00032

Height (ft.): 28

Diameter (in.): 18

NYTMN (km.): 4665.

NYTME (km.): 215.6

Building: PLANT 1

Emission Point: 00047

Height (ft.): 30

Diameter (in.): 12

NYTMN (km.): 4665.

NYTME (km.): 215.6

Building: PLANT 1

**Item 27.3(From Mod 2):**

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: D-ROMP1

Emission Point: 00014

Height (ft.): 46

Diameter (in.): 12

NYTMN (km.): 4665.

NYTME (km.): 215.6

Building: PLANT 2

**Item 27.4(From Mod 2):**

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: D-ROMP2



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**Permit ID: 9-0412-00012/00055**

**Facility DEC ID: 9041200012**

Emission Point: 00048  
Height (ft.): 27                      Diameter (in.): 9  
NYTMN (km.): 4665.              NYTME (km.): 215.6      Building: PLANT 1

**Item 27.5(From Mod 2):**

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: D-ROPB1

Emission Point: 0010A  
Height (ft.): 35                      Diameter (in.): 43  
NYTMN (km.): 4665.              NYTME (km.): 215.6      Building: PLANT 2

Emission Point: 0010B  
Height (ft.): 35                      Diameter (in.): 43  
NYTMN (km.): 4665.              NYTME (km.): 215.6      Building: PLANT 2

Emission Point: 0012A  
Height (ft.): 10                      Diameter (in.): 43  
NYTMN (km.): 4665.              NYTME (km.): 215.6      Building: PLANT 2

Emission Point: 0012B  
Height (ft.): 10                      Diameter (in.): 43  
NYTMN (km.): 4665.              NYTME (km.): 215.6      Building: PLANT 2

**Item 27.6(From Mod 2):**

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: D-ROSP1

Emission Point: 00011  
Height (ft.): 36                      Diameter (in.): 36  
NYTMN (km.): 4665.              NYTME (km.): 215.6      Building: PLANT 2

**Item 27.7(From Mod 1):**

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: D-R00B1

Emission Point: 00023  
Height (ft.): 46                      Diameter (in.): 26  
  
Building: PLANT 1

Emission Point: 00024  
Height (ft.): 46                      Diameter (in.): 26  
  
Building: PLANT 1



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**Condition 28: Process Definition By Emission Unit**  
**Effective between the dates of 04/12/2000 and 02/28/2011**

**Applicable State Requirement: 6NYCRR 201-5**

**Item 28.1(From Mod 2):**

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: D-R00B1

Process: 001

Process Description:

The installation of two 1000 horsepower boilers that utilize natural gas with a rated output of 48 x 10<sup>6</sup> Btu/hr each. The two boilers will be installed in Plant 1 and replace two existing boilers that are currently registered emission points. The two boilers are flue gas recirculated (FGR) type boilers. The two boilers will be operated during the winter months only.

Emission Source/Control: 00012 - Combustion

Emission Source/Control: 00013 - Combustion

**Item 28.2(From Mod 2):**

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: D-R00B2

Process: 002

Process Description:

One 400 horsepower boiler that is natural gas fired and has a maximum rated output of 16 x 10<sup>6</sup> bth. The boiler is a flue gas recirculated (fgr) type boiler. The boiler will be installed in the plant 2 distribuion center and operate year round.

Emission Source/Control: 00023 - Combustion

**Item 28.3(From Mod 2):**

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: D-R00B2

Process: 003

Process Description:

Process 003 includes four steam generating boilers located in Plant 2 which are typically only operated during the winter months. The maximum gas consumption rates for these boilers are as follows: boiler No.1:



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83,852 scfh, boiler No.2: 83,852 SCFH, boiler No.3:  
185,050 SCFH, boiler No.4: 201,880 SCFH.

Emission Source/Control: 00024 - Combustion

Emission Source/Control: 00025 - Combustion

Emission Source/Control: 00026 - Combustion

Emission Source/Control: 00027 - Combustion

**Item 28.4(From Mod 2):**

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: D-RO0F1

Process: 010

Process Description:

Process 010 consists of equipment utilized to flare propane or other combustible gases during the testing of compressor units at dresser rand's test facility.

Emission Source/Control: 00044 - Combustion

**Item 28.5(From Mod 2):**

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: D-ROMD1

Process: 008

Process Description:

Process 008 contains processes which are utilized to deposit metal coatings on metal surfaces. It now includes a babbiting process where molten babbit is placed on metallic shell surfaces to produce lined anti-friction bearings. No control equipment is utilized on the ventilation exhaust air.

Emission Source/Control: 00042 - Process

**Item 28.6(From Mod 2):**

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: D-ROMD1

Process: 009

Process Description:

Process 009 contains processes which are utilized to deposit metal coatings on metal surfaces. It now includes a thermal metal spray process where a nickel alloy

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graphite composite is sprayed on metal surfaces. No control equipment is utilized on the ventilation exhaust air.

Emission Source/Control: 00043 - Process

**Item 28.7(From Mod 2):**

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: D-ROMP1

Process: 006

Process Description:

Process 006 consists of equipment utilized to clean up castings. It now contains a walk in cabinet type of shot blast system which shoots abrasive material under high air pressure to clean up castings before finishing machinery. System exhaust air is vented through particulate control equipment.

Emission Source/Control: 00039 - Control

Control Type: FABRIC FILTER

Emission Source/Control: 00038 - Process

**Item 28.8(From Mod 2):**

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: D-ROMP2

Process: 007

Process Description:

Process 007 consists of equipment utilized to clean up castings. It now contains a grit blast process which utilizes aluminum grit oxide which is shot under air pressure through a small diameter nozzle at high velocity to clean up fresh castings. System exhaust air is ventilated through particulate control equipment.

Emission Source/Control: 00041 - Control

Control Type: FABRIC FILTER

Emission Source/Control: 00040 - Process

**Item 28.9(From Mod 2):**

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: D-ROPB1

Process: 004



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**Process Description:**

Process 004 includes the facility's main paint and coatings spraying and drying area. This area contains four paint spray booths. Each paint spray booth is equipped with filters for removal of particulates.

Emission Source/Control: 00029 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: 00031 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: 00033 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: 00035 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: 00028 - Process  
Design Capacity: 25,000 cubic feet per minute

Emission Source/Control: 00030 - Process  
Design Capacity: 25,000 cubic feet per minute

Emission Source/Control: 00032 - Process  
Design Capacity: 23,200 cubic feet per minute

Emission Source/Control: 00034 - Process  
Design Capacity: 23,200 cubic feet per minute

**Item 28.10(From Mod 2):**

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: D-ROSP1

Process: 005

**Process Description:**

Process 005 consists of metal stripping (contains an aqueous sodium hydroxide solution) and acid pickling (contains a weak aqueous phosphoric acid solution). Process ventilation is provided by an exhaust blower and associated duct work.

Emission Source/Control: 00036 - Process  
Design Capacity: 30,000 cubic feet per minute

Emission Source/Control: 00037 - Process  
Design Capacity: 30,000 cubic feet per minute