



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

**IDENTIFICATION INFORMATION**

Permit Type: Air Title V Facility  
Permit ID: 2-6205-00182/00001  
Mod 0 Effective Date: 08/21/2007 Expiration Date: 08/20/2012

Mod 1 Effective Date: Expiration Date:

Permit Issued To: MUTUAL REDEVELOPMENT HOUSES INC  
321 EIGHTH AVE  
NEW YORK, NY 10001-4818

Contact: BRENDAN KEANY  
MUTUAL REDEVELOPMENT HOUSES INC  
321 EIGHTH AVE  
NEW YORK, NY 10001  
(212) 675-3200

Facility: MUTUAL REDEVELOPMENT HOUSES  
315 WEST 25TH ST  
NEW YORK, NY 10001

Contact: BRENDAN KEANY  
MUTUAL REDEVELOPMENT HOUSES INC  
321 EIGHTH AVE  
NEW YORK, NY 10001  
(212) 675-3200

**Description:**

Mutual Redevelopment Houses, Inc. located at 321 Eight Avenue in New York City, New York, provides heating, cooling, hot water and electricity to a residential apartment complex consisting of ten (10) twenty-two story residential buildings. The Industrial Classification Code (SIC) for this facility is 6513 - Apartment Building Operators.

The facility operates two (2) dual fuel boilers with 31 mmbtu/hr each (emission sources 00003 & 00004), two (2) dual fuel chillers/heaters with 10.4 mmbtu/hr heat input each (emission sources 00015 & 00016), six (6) diesel engine generators of which three (3) have a capacity of 1150 KW (11.9 million Btu per hour) each (emission sources 00008, 00009 & 00010) and three (3) have a capacity of 820 KW (8.5 million Btu per hour) each (emission sources 00005, 00006 & 00007), and four (4) new 820 KW (7.6 million Btu per hour) natural gas powered engine generators (emission sources 00011, 00012, 00013 & 00014). All of these emission sources are collectively identified as emission unit U-00001. All the emissions are exhausted through one common stack which is identified as emission point 00001.

The six (6) existing diesel engines/generators (emission sources 00005 - 00010) are required to meet a NOx limit of 2.3 grams/brake horsepower-hour under Subpart 227-2..

**New York State Department of Environmental Conservation**  
**Facility DEC ID: 2620500182**



The facility has applied for a variance due to economic and technological reasons for an alternate Nox emission limit of 6.0 gr/bhp-hr. This variance was granted by DEC, pending EPA' final approval.

The other four (4) gas engines meet the Subpart 227-2 NOx RACT limit of 1.5 gr/bhp-hr.

This facility emits oxides of nitrogen in excess of 25 tons per year and is subject to Title V permitting requirements, Part 201. The Title V permit contains a complete listing of the applicable Federal, State and compliance monitoring requirements for this facility, its emission unit and emission point.

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:           JOHN F CRYAN  
  NYSDEC  
  47-40 21ST ST  
  LONG ISLAND CITY, NY 11101-5407

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 compliance 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 any 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
  - Permit modifications, suspensions or revocations by the Department
  - Permit modifications, suspensions or revocations by the Department
  - Permit Modifications, Suspensions and Revocations by the Department

**Facility Level**

- Submission of Applications for Permit Modification or Renewal-REGION 2 HEADQUARTERS
- Submission of application for permit modification or renewal - REGION 2 HEADQUARTERS



**DEC GENERAL CONDITIONS**

**\*\*\*\* General Provisions \*\*\*\***

**For the purpose of your Title V permit, the following section contains state-only enforceable terms and conditions.**

**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 3: Applications for permit renewals, modifications and transfers**

**Applicable State Requirement: 6 NYCRR 621.11**

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

**Item 3.3:**

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 4: Applications for Permit Renewals and Modifications**

**Applicable State Requirement: 6 NYCRR 621.13**

**Item 4.1:**

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 4.2:**

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 4.3:**

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 1-2: Permit modifications, suspensions or revocations by the Department**

**Applicable State Requirement: 6 NYCRR 621.13**

**Item 1-2.1:**

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 5: Permit modifications, suspensions or revocations by the Department**

**Applicable State Requirement: 6 NYCRR 621.13**

**Item 5.1:**

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 1-1: Permit modifications, suspensions or revocations by the Department**

**Applicable State Requirement: 6 NYCRR 621.13**

**Item 1-1.1:**

The Department reserves the right to exercise all available authority 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 6: Permit Modifications, Suspensions and Revocations by the Department**

**Applicable State Requirement: 6 NYCRR 621.14**

**Item 6.1:**

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.

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

**Condition 7: Submission of Applications for Permit Modification or Renewal-REGION 2 HEADQUARTERS**

**Applicable State Requirement: 6 NYCRR 621.5 (a)**

**Item 7.1:**

Submission of applications for permit modification or renewal are to be submitted to:  
NYSDEC Regional Permit Administrator  
Region 2 Headquarters



Division of Environmental Permits  
1 Hunters Point Plaza, 4740 21st Street  
Long Island City, NY 11101-5407  
(718) 482-4997

**Condition 8: Submission of application for permit modification or renewal - REGION 2 HEADQUARTERS**

**Applicable State Requirement: 6 NYCRR 621.6 (a)**

**Item 8.1:**

Submission of applications for permit modification or renewal are to be submitted to:  
NYSDEC Regional Permit Administrator  
Region 2 Headquarters  
Division of Environmental Permits  
1 Hunters Point Plaza, 4740 21st Street  
Long Island City, NY 11101-5407  
(718) 482-4997

**New York State Department of Environmental Conservation**

Permit ID: 2-6205-00182/00001

Facility DEC ID: 2620500182



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

**ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT**

**IDENTIFICATION INFORMATION**

Permit Issued To: MUTUAL REDEVELOPMENT HOUSES INC  
321 EIGHTH AVE  
NEW YORK, NY 10001-4818

Facility: MUTUAL REDEVELOPMENT HOUSES  
315 WEST 25TH ST  
NEW YORK, NY 10001

Authorized Activity By Standard Industrial Classification Code:  
6513 - APARTMENT BUILDING OPERATORS

Permit Effective Date:

Permit Expiration Date:



**LIST OF CONDITIONS**

**FEDERALLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 1-1 6 NYCRR 201-6.5 (a) (7): Fees
- 1-2 6 NYCRR 215.2: Open Fires - Prohibitions
- 1-3 6 NYCRR 202-1.1: Required Emissions Tests
- 20 : Visible Emissions Limited
- 23 6 NYCRR Subpart 201-6: Emission Unit Definition
- 1-4 6 NYCRR 211.1: Air pollution prohibited
- 28 : Compliance Certification

**Emission Unit Level**

- 29 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
- 30 6 NYCRR Subpart 201-6: Process Definition By Emission Unit

**EU=U-00001**

- 1-5 40CFR 63.6595(a)(1), Subpart ZZZZ: Compliance date for existing RICE
- 1-6 40CFR 63.6603(a), Subpart ZZZZ: Compliance Certification
- 1-7 40CFR 63.6603(a), Subpart ZZZZ: Compliance Certification
- 1-8 40CFR 63.6604, Subpart ZZZZ: Fuel requirements for existing stationary CI RICE
- 1-9 40CFR 63.6625(e), Subpart ZZZZ: Compliance Certification

**EU=U-00001,Proc=001,ES=00003**

- 32 : Compliance Certification

**EU=U-00001,Proc=001,ES=00004**

- 33 : Compliance Certification

**EU=U-00001,Proc=001,ES=00015**

- 1-10 6 NYCRR 227-2.4 (c) (1) (i): Compliance Certification

**EU=U-00001,Proc=001,ES=00016**

- 1-11 6 NYCRR 227-2.4 (c) (1) (i): Compliance Certification

**EU=U-00001,Proc=002,ES=00005**

- 34 : Compliance Certification

**EU=U-00001,Proc=002,ES=00006**

- 35 : Compliance Certification

**EU=U-00001,Proc=002,ES=00007**

- 36 : Compliance Certification

**EU=U-00001,Proc=002,ES=00008**

- 37 : Compliance Certification

**EU=U-00001,Proc=002,ES=00009**

- 38 : Compliance Certification



**EU=U-00001,Proc=002,ES=00010**

39 : Compliance Certification

**EU=U-00001,Proc=002,ES=00015**

- 1-12 6 NYCRR 227-2.4 (c) (1) (i): Compliance Certification
- 1-13 40CFR 60.42c(d), NSPS Subpart Dc: Compliance Certification
- 1-14 40CFR 60.48c(i), NSPS Subpart Dc: Compliance Certification

**EU=U-00001,Proc=002,ES=00016**

- 1-15 6 NYCRR 227-2.4 (c) (1) (i): Compliance Certification
- 1-16 40CFR 60.42c(d), NSPS Subpart Dc: Compliance Certification
- 1-17 40CFR 60.48c(i), NSPS Subpart Dc: Compliance Certification

**EU=U-00001,Proc=003,ES=00011**

40 : Compliance Certification

**EU=U-00001,Proc=003,ES=00012**

41 : Compliance Certification

**EU=U-00001,Proc=003,ES=00013**

42 : Compliance Certification

**EU=U-00001,Proc=003,ES=00014**

43 : Compliance Certification

**EU=U-00001,EP=00001,Proc=002,ES=00015**

1-18 40CFR 60.48c(e)(11), NSPS Subpart Dc: Compliance Certification

**EU=U-00001,EP=00001,Proc=002,ES=00016**

1-19 40CFR 60.48c(e)(11), NSPS Subpart Dc: Compliance Certification

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 54 ECL 19-0301: Contaminant List
- 1-20 6 NYCRR 201-1.4: Unavoidable noncompliance and violations
- 1-21 6 NYCRR 211.2: Visible Emissions Limited

**Emission Unit Level**

**EU=U-00001,Proc=001,ES=00003**

1-22 6 NYCRR 227-2.4 (d): Compliance Demonstration

**EU=U-00001,Proc=001,ES=00004**

1-23 6 NYCRR 227-2.4 (d): Compliance Demonstration

**EU=U-00001,Proc=001,ES=00015**

1-24 6 NYCRR 227-2.4 (c) (1) (ii): Compliance Demonstration

**EU=U-00001,Proc=001,ES=00016**

1-25 6 NYCRR 227-2.4 (c) (1) (ii): Compliance Demonstration

**EU=U-00001,Proc=002,ES=00003**

1-26 6 NYCRR 227-2.4 (d): Compliance Demonstration



- EU=U-00001,Proc=002,ES=00004**  
1-27 6 NYCRR 227-2.4 (d): Compliance Demonstration
- EU=U-00001,Proc=002,ES=00005**  
1-28 6 NYCRR 227-2.5 (c): Compliance Demonstration
- EU=U-00001,Proc=002,ES=00006**  
1-29 6 NYCRR 227-2.5 (c): Compliance Demonstration
- EU=U-00001,Proc=002,ES=00007**  
1-30 6 NYCRR 227-2.5 (c): Compliance Demonstration
- EU=U-00001,Proc=002,ES=00008**  
1-31 6 NYCRR 227-2.5 (c): Compliance Demonstration
- EU=U-00001,Proc=002,ES=00009**  
1-32 6 NYCRR 227-2.5 (c): Compliance Demonstration
- EU=U-00001,Proc=002,ES=00010**  
1-33 6 NYCRR 227-2.5 (c): Compliance Demonstration
- EU=U-00001,Proc=002,ES=00015**  
1-34 6 NYCRR 227-2.4 (c) (1) (ii): Compliance Demonstration
- EU=U-00001,Proc=002,ES=00016**  
1-35 6 NYCRR 227-2.4 (c) (1) (ii): Compliance Demonstration
- EU=U-00001,Proc=004,ES=00005**  
1-36 6 NYCRR 227-2.5 (c): Compliance Demonstration
- EU=U-00001,Proc=004,ES=00006**  
1-37 6 NYCRR 227-2.5 (c): Compliance Demonstration
- EU=U-00001,Proc=004,ES=00007**  
1-38 6 NYCRR 227-2.5 (c): Compliance Demonstration
- EU=U-00001,Proc=004,ES=00008**  
1-39 6 NYCRR 227-2.5 (c): Compliance Demonstration
- EU=U-00001,Proc=004,ES=00009**  
1-40 6 NYCRR 227-2.5 (c): Compliance Demonstration
- EU=U-00001,Proc=004,ES=00010**  
1-41 6 NYCRR 227-2.5 (c): Compliance Demonstration
- EU=U-00001,EP=00001,Proc=001,ES=00011**  
1-42 6 NYCRR 227-2.4 (f) (1): Compliance Demonstration
- EU=U-00001,EP=00001,Proc=001,ES=00012**  
1-43 6 NYCRR 227-2.4 (f) (1): Compliance Demonstration

**New York State Department of Environmental Conservation**

**Permit ID: 2-6205-00182/00001**

**Facility DEC ID: 2620500182**



**EU=U-00001,EP=00001,Proc=001,ES=00013**

1-44 6 NYCRR 227-2.4 (f) (1): Compliance Demonstration

**EU=U-00001,EP=00001,Proc=001,ES=00014**

1-45 6 NYCRR 227-2.4 (f) (1): Compliance Demonstration



**FEDERALLY ENFORCEABLE CONDITIONS**  
**\*\*\*\* Facility Level \*\*\*\***

**NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**  
**The items listed below are not subject to the annual compliance certification requirements under Title V. Permittees may also have other obligations under regulations of general applicability.**

**Item A: Emergency Defense - 6 NYCRR 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 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 B: Public Access to Recordkeeping for Title V Facilities - 6 NYCRR 201-1.10 (b)**

The Department will make available to the public any permit application, compliance plan, permit, and monitoring and compliance certification report pursuant to Section 503(e) of the Act, except for information entitled to confidential treatment pursuant to 6 NYCRR Part 616 - Public Access to records and Section 114(c) of the Act.



**Item C: Timely Application for the Renewal of Title V Permits - 6 NYCRR 201-6.3 (a) (4)**

Owners and/or operators of facilities having an issued Title V permit shall submit a complete application at least 180 days, but not more than eighteen months, prior to the date of permit expiration for permit renewal purposes.

**Item D: Certification by a Responsible Official - 6 NYCRR 201-6.3 (d) (12)**

Any application, form, report or compliance certification required to be submitted pursuant to the federally enforceable portions of this permit shall contain a certification of truth, accuracy and completeness by a responsible official. This certification shall state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

**Item E: Requirement to Comply With All Conditions - 6 NYCRR 201-6.5 (a) (2)**

The permittee must comply with all conditions of the Title V facility permit. Any permit non-compliance constitutes a violation of the Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.

**Item F: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR 201-6.5 (a) (3)**

This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

**Item G: Cessation or Reduction of Permitted Activity Not a Defense - 6 NYCRR 201-6.5 (a) (5)**

It shall not be a defense for a permittee in an enforcement action to claim that a cessation or reduction in the permitted activity would have been necessary in order to maintain compliance with the conditions of this permit.

**Item H: Property Rights - 6 NYCRR 201-6.5 (a) (6)**

This permit does not convey any property rights of any sort or any exclusive privilege.



**Item I: Severability - 6 NYCRR 201-6.5 (a) (9)**

If any provisions, parts or conditions of this permit are found to be invalid or are the subject of a challenge, the remainder of this permit shall continue to be valid.

**Item J: Permit Shield - 6 NYCRR 201-6.5 (g)**

All permittees granted a Title V facility permit shall be covered under the protection of a permit shield, except as provided under 6 NYCRR Subpart 201-6. Compliance with the conditions of the permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that such applicable requirements are included and are specifically identified in the permit, or the Department, in acting on the permit application or revision, determines in writing that other requirements specifically identified are not applicable to the major stationary source, and the permit includes the determination or a concise summary thereof. Nothing herein shall preclude the Department from revising or revoking the permit pursuant to 6 NYCRR Part 621 or from exercising its summary abatement authority. Nothing in this permit shall alter or affect the following:

- i. The ability of the Department to seek to bring suit on behalf of the State of New York, or the Administrator to seek to bring suit on behalf of the United States, to immediately restrain any person causing or contributing to pollution presenting an imminent and substantial endangerment to public health, welfare or the environment to stop the emission of air pollutants causing or contributing to such pollution;
- ii. The liability of a permittee of the Title V facility for any violation of applicable requirements prior to or at the time of permit issuance;
- iii. The applicable requirements of Title IV of the Act;
- iv. The ability of the Department or the Administrator to obtain information from the permittee concerning the ability to enter, inspect and monitor the facility.

**Item K: Reopening for Cause - 6 NYCRR 201-6.5 (i)**

This Title V permit shall be reopened and revised under any of the following circumstances:

- i. If additional applicable requirements under the Act become applicable where this permit's remaining term is



three or more years, a reopening shall be completed not later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which this permit is due to expire, unless the original permit or any of its terms and conditions has been extended by the Department pursuant to the provisions of Part 201-6.7 and Part 621.

ii. The Department or the Administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.

iii. The Department or the Administrator determines that the Title V permit must be revised or reopened to assure compliance with applicable requirements.

iv. If the permitted facility is an "affected source" subject to the requirements of Title IV of the Act, and additional requirements (including excess emissions requirements) become applicable. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit.

Proceedings to reopen and issue Title V facility permits shall follow the same procedures as apply to initial permit issuance but shall affect only those parts of the permit for which cause to reopen exists.

Reopenings shall not be initiated before a notice of such intent is provided to the facility by the Department at least thirty days in advance of the date that the permit is to be reopened, except that the Department may provide a shorter time period in the case of an emergency.

**Item L: 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 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 M: 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.

**MANDATORY FEDERALLY ENFORCEABLE PERMIT CONDITIONS  
SUBJECT TO ANNUAL CERTIFICATIONS AT ALL TIMES**

**The following federally enforceable permit conditions are mandatory for all Title V permits and are subject to annual compliance certification requirements at all times.**

**Condition 1-1: Fees**  
**Effective for entire length of Permit**

**Applicable Federal Requirement:6 NYCRR 201-6.5 (a) (7)**

**Item 1-1.1:**

The owner and/or operator of a stationary source shall pay fees to the Department consistent with the fee schedule authorized by ECL 72-0303.

**Condition 1-2: Open Fires - Prohibitions**  
**Effective for entire length of Permit**

**Applicable Federal Requirement:6 NYCRR 215.2**

**Item 1-2.1:**

Except as allowed by Title 6 NYCRR Section 215.3, no person shall burn, cause, suffer, allow or permit the burning of any materials in an open fire.

**Item 1-2.2**

Per Section 215.3, burning in an open fire, provided it is not contrary to other law or regulation, will be allowed as follows:

- (a) On-site burning in any town with a total population less than 20,000 of downed limbs and branches (including branches with attached leaves or needles) less than six inches in diameter and eight feet in length between May 15th and the following March 15th. For the purposes of this subdivision, the total population of a town shall include the population of any village or portion thereof located within the town. However, this subdivision shall not be construed to allow burning within any village.
- (b) Barbecue grills, maple sugar arches and similar outdoor cooking devices when actually used



for cooking or processing food.

(c) Small fires used for cooking and camp fires provided that only charcoal or untreated wood is used as fuel and the fire is not left unattended until extinguished.

(d) On-site burning of agricultural wastes as part of a valid agricultural operation on contiguous agricultural lands larger than five acres actively devoted to agricultural or horticultural use, provided such waste is actually grown or generated on those lands and such waste is capable of being fully burned within a 24-hour period.

(e) The use of liquid petroleum fueled smudge pots to prevent frost damage to crops.

(f) Ceremonial or celebratory bonfires where not otherwise prohibited by law, provided that only untreated wood or other agricultural products are used as fuel and the fire is not left unattended until extinguished.

(g) Small fires that are used to dispose of a flag or religious item, and small fires or other smoke producing process where not otherwise prohibited by law that are used in connection with a religious ceremony.

(h) Burning on an emergency basis of explosive or other dangerous or contraband materials by police or other public safety organization.

(i) Prescribed burns performed according to Part 194 of this Title.

(j) Fire training, including firefighting, fire rescue, and fire/arson investigation training, performed under applicable rules and guidelines of the New York State Department of State's Office of Fire Prevention and Control. For fire training performed on acquired structures, the structures must be emptied and stripped of any material that is toxic, hazardous or likely to emit toxic smoke (such as asbestos, asphalt shingles and vinyl siding or other vinyl products) prior to burning and must be at least 300 feet from other occupied structures. No more than one structure per lot or within a 300 foot radius (whichever is bigger) may be burned in a training exercise.

(k) Individual open fires as approved by the Director of the Division of Air Resources as may be required in response to an outbreak of a plant or animal disease upon request by the commissioner of the Department of Agriculture and Markets, or for the destruction of invasive plant and insect species.

(l) Individual open fires that are otherwise authorized under the environmental conservation law, or by rule or regulation of the Department.

**MANDATORY FEDERALLY ENFORCEABLE PERMIT CONDITIONS  
SUBJECT TO ANNUAL CERTIFICATIONS ONLY IF APPLICABLE**

**The following federally enforceable permit conditions are mandatory for all Title V permits and are subject to annual compliance certification requirements only if effectuated during the reporting period.**

**[NOTE: The corresponding annual compliance certification for those conditions not effectuated during the reporting period shall be specified as "not applicable".]**

**Condition 1-3: Required Emissions Tests  
Effective for entire length of Permit**

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

**Item 1-3.1:**

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.



**Condition 20: Visible Emissions Limited**  
**Effective between the dates of 08/21/2007 and Permit Expiration Date**

**Applicable Federal Requirement:**

**Expired by Mod 1**

**Item 20.1:**

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.

**The following conditions are subject to annual compliance certification requirements for Title V permits only.**

**Condition 23: Emission Unit Definition**  
**Effective between the dates of 08/21/2007 and Permit Expiration Date**

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

**Item 23.1(From Mod 1):**

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

Emission Unit: U-00001

Emission Unit Description:

The emission unit is comprised of six (6) diesel engine generators (emission sources 00005, 00006, 00007, 00008, 00009 & 00010) now operating in bi-fuel operation, two (2) Kewanee dual fuel boilers (emission sources 00003 & 00004) and two (2) Trane dual fuel chillers/heaters (emission sources 00015 & 00016), four 812 kwh engine driven generators (emission sources 00011, 00012, 00013 & 00014).

All discharging through one common stack . The gas fired units are lean burn low emission engines.

Building(s): PPLANT

**Condition 1-4: Air pollution prohibited**  
**Effective for entire length of Permit**

**Applicable Federal Requirement:6 NYCRR 211.1**

**Item 1-4.1:**

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

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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.

**Condition 28: Compliance Certification**  
**Effective between the dates of 08/21/2007 and Permit Expiration Date**

**Applicable Federal Requirement:**

**Expired by Mod 1**

**Item 28.1:**

The Compliance Certification activity will be performed for the facility:  
The Compliance Certification applies to:

Emission Unit: U-00001	Emission Point: 00001
Process: 002	Emission Source: 00005

Emission Unit: U-00001	Emission Point: 00001
Process: 002	Emission Source: 00006

Emission Unit: U-00001	Emission Point: 00001
Process: 002	Emission Source: 00007

Emission Unit: U-00001	Emission Point: 00001
Process: 002	Emission Source: 00008

Emission Unit: U-00001	Emission Point: 00001
Process: 002	Emission Source: 00009

Emission Unit: U-00001	Emission Point: 00001
Process: 002	Emission Source: 00010

Regulated Contaminant(s):  
CAS No: 0NY210-00-0 OXIDES OF NITROGEN

**Item 28.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The alternate NOx emission standard for emission sources 00005, 00006, 00007, 00008, 00009, 00010 is 6.0 g/bhp-hour. As a result the 12-month average - rolled monthly NOx emissions are capped to 98.3 tons. This capping is to support the alternate emission NOx standard of 6.0 grams per brake horsepower-hour.

The alternate emission standard is based on the September 29, 2006 NOx Ract Determination and the 10/26/2005 stack test. The 820 KW and 1150 KW engines were tested at 65% and 85% load.

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For the 820 KW engine at 65% load, the fuel feed rate was 42 gallons/hr and at 85% load the fuel feed rate was 55 gallons/hr.

For the 1150 KW engine at 65% load, the fuel feed rate was 48 gallons/hr and at 85% load the fuel feed rate was 65 gallons/hr.

The owner shall submit, to the Regional Air Pollution Control Engineer, within thirty (30) days of permit issuance a plan for his review and acceptance how the NOx emissions will be monitored for compliance with this capping condition.

Parameter Monitored: OXIDES OF NITROGEN  
Upper Permit Limit: 98.3 tons per year  
Monitoring Frequency: MONTHLY  
Averaging Method: 12 MONTH AVERAGE - ROLLED MONTHLY  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2008.  
Subsequent reports are due every 6 calendar month(s).

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

**Condition 29: Emission Point Definition By Emission Unit**  
**Effective between the dates of 08/21/2007 and Permit Expiration Date**

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

**Item 29.1(From Mod 1):**

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

Emission Unit: U-00001

Emission Point: 00001

Height (ft.): 220

Diameter (in.): 84

NYTMN (km.): 4511.

NYTME (km.): 584.7

Building: PPLANT

**Condition 30: Process Definition By Emission Unit**  
**Effective between the dates of 08/21/2007 and Permit Expiration Date**

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

**Item 30.1(From Mod 1):**

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

Emission Unit: U-00001

Process: 001

Source Classification Code: 1-03-006-02

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Process Description: Firing natural gas.

Emission Source/Control: 00003 - Combustion  
Design Capacity: 31 million Btu per hour

Emission Source/Control: 00004 - Combustion  
Design Capacity: 31 million Btu per hour

Emission Source/Control: 00011 - Combustion  
Design Capacity: 7.6 million Btu per hour

Emission Source/Control: 00012 - Combustion  
Design Capacity: 7.6 million Btu per hour

Emission Source/Control: 00013 - Combustion  
Design Capacity: 7.6 million Btu per hour

Emission Source/Control: 00014 - Combustion  
Design Capacity: 7.6 million Btu per hour

Emission Source/Control: 00015 - Combustion  
Design Capacity: 10.4 British thermal units per hour

Emission Source/Control: 00016 - Combustion  
Design Capacity: 10.4 British thermal units per hour

**Item 30.2(From Mod 1):**

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

Emission Unit: U-00001  
Process: 002 Source Classification Code: 2-03-001-01  
Process Description: firing no. 2 fuel oil.

Emission Source/Control: 00003 - Combustion  
Design Capacity: 31 million Btu per hour

Emission Source/Control: 00004 - Combustion  
Design Capacity: 31 million Btu per hour

Emission Source/Control: 00005 - Combustion  
Design Capacity: 8.5 million Btu per hour

Emission Source/Control: 00006 - Combustion  
Design Capacity: 8.5 million Btu per hour

Emission Source/Control: 00007 - Combustion  
Design Capacity: 8.5 million Btu per hour

Emission Source/Control: 00008 - Combustion  
Design Capacity: 11.9 million Btu per hour

Emission Source/Control: 00009 - Combustion

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Design Capacity: 11.9 million Btu per hour

Emission Source/Control: 00010 - Combustion

Design Capacity: 11.9 million Btu per hour

Emission Source/Control: 00015 - Combustion

Design Capacity: 10.4 British thermal units per hour

Emission Source/Control: 00016 - Combustion

Design Capacity: 10.4 British thermal units per hour

**Item 30.3(From Mod 1):**

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

Emission Unit: U-00001

Process: 004

Source Classification Code: 2-03-001-01

Process Description: Bi-fuel (60% #2 oil and 40% natural gas)

Emission Source/Control: 00005 - Combustion

Design Capacity: 8.5 million Btu per hour

Emission Source/Control: 00006 - Combustion

Design Capacity: 8.5 million Btu per hour

Emission Source/Control: 00007 - Combustion

Design Capacity: 8.5 million Btu per hour

Emission Source/Control: 00008 - Combustion

Design Capacity: 11.9 million Btu per hour

Emission Source/Control: 00009 - Combustion

Design Capacity: 11.9 million Btu per hour

Emission Source/Control: 00010 - Combustion

Design Capacity: 11.9 million Btu per hour

**Item 30.4(From Mod 0):**

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

Emission Unit: U-00001

Process: 003

Source Classification Code: 2-03-002-01

Process Description:

Firing natural gas in engine driven generators (emission sources 00011, 00012, 00013 & 00014).

Emission Source/Control: 00011 - Combustion

Design Capacity: 7.6 million Btu per hour

Emission Source/Control: 00012 - Combustion

Design Capacity: 7.6 million Btu per hour

Emission Source/Control: 00013 - Combustion

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Design Capacity: 7.6 million Btu per hour

Emission Source/Control: 00014 - Combustion

Design Capacity: 7.6 million Btu per hour

**Condition 1-5: Compliance date for existing RICE  
Effective for entire length of Permit**

**Applicable Federal Requirement:40CFR 63.6595(a)(1), Subpart ZZZZ**

**Item 1-5.1:**

This Condition applies to Emission Unit: U-00001

**Item 1-5.2:**

Owners or operators of existing stationary RICE, excluding existing non-emergency CI stationary RICE, with a site rating of more than 500 brake horsepower located at a major source of HAP emissions, must comply with the applicable emission limitations and operating limitations no later than June 15, 2007. Owners or operators of existing non-emergency CI stationary RICE with a site rating of more than 500 brake horsepower located at a major source of HAP emissions, an existing stationary CI RICE with a site rating of less than or equal to 500 brake horsepower located at a major source of HAP emissions, or an existing stationary CI RICE located at an area source of HAP emissions, must comply with the applicable emission limitations and operating limitations no later than May 3, 2013. Owners or operators of existing stationary SI RICE with a site rating of less than or equal to 500 brake horsepower located at a major source of HAP emissions, or an existing stationary SI RICE located at an area source of HAP emissions, must comply with the applicable emission limitations and operating limitations no later than October 19, 2013.

**Condition 1-6: Compliance Certification  
Effective for entire length of Permit**

**Applicable Federal Requirement:40CFR 63.6603(a), Subpart ZZZZ**

**Item 1-6.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 1-6.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The owner or operator of an existing non-emergency, non-black start compression ignition stationary RICE with a site rating greater than 500 brake horsepower located at an area source of HAP emissions must either limit the concentration of CO or reduce CO emissions.

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The concentration limit for CO is 23 ppmvd or less at 15% oxygen based on the average of three 1-hour runs.

The facility must also meet the applicable operating limits listed in table 2b of subpart ZZZZ.

Initial compliance will be demonstrated according to the provisions in 40 CFR 63.6630.

Subsequent performance tests will be required as specified in 40 CFR 63.6615, which requires performance tests to be conducted according to the provisions in 40 CFR 63.6620 every 8760 hours or 3 years, whichever comes first.

Continuous compliance will then be demonstrated according to 40 CFR 63.6640. The facility must keep records according to the provisions in 40 CFR 63.6655 and submit the notifications and reports listed in 40 CFR 63.6645 and 63.6650.

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 23 parts per million by volume (dry, corrected to 15% O<sub>2</sub>)

Reference Test Method: see table 4.3 of subpart ZZZZ

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

Subsequent reports are due every 6 calendar month(s).

**Condition 1-7: Compliance Certification  
Effective for entire length of Permit**

**Applicable Federal Requirement: 40CFR 63.6603(a), Subpart ZZZZ**

**Item 1-7.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 1-7.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The owner or operator of an existing non-emergency,

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non-black start compression ignition stationary RICE with a site rating greater than 500 brake horsepower located at an area source of HAP emissions must either limit the concentration of CO or reduce CO emissions.

Emissions of CO must be reduced by 70% or more based on the average of three 1-hour runs.

The facility must also meet the applicable operating limits listed in table 2b of subpart ZZZZ.

Initial compliance will be demonstrated according to the provisions in 40 CFR 63.6630.

Subsequent performance tests will be required as specified in 40 CFR 63.6615, which requires performance tests to be conducted according to the provisions in 40 CFR 63.6620 every 8760 hours or 3 years, whichever comes first.

Continuous compliance will then be demonstrated according to 40 CFR 63.6640. The facility must keep records according to the provisions in 40 CFR 63.6655 and submit the notifications and reports listed in 40 CFR 63.6645 and 63.6650.

Parameter Monitored: CARBON MONOXIDE

Lower Permit Limit: 70 percent reduction by weight

Reference Test Method: see table 4.1 of subpart ZZZZ

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

Subsequent reports are due every 6 calendar month(s).

**Condition 1-8: Fuel requirements for existing stationary CI RICE  
Effective for entire length of Permit**

**Applicable Federal Requirement: 40CFR 63.6604, Subpart ZZZZ**

**Item 1-8.1:**

This Condition applies to Emission Unit: U-00001

**Item 1-8.2:**

The owner or operator of an existing non-emergency, non-black start CI stationary RICE with a site rating of more than 300 brake horsepower with a displacement of less than 30 liters per cylinder that uses diesel fuel must use diesel fuel that meets the requirements in 40 CFR 80.510(b) for nonroad diesel fuel.

**Condition 1-9: Compliance Certification**



**Effective for entire length of Permit**

**Applicable Federal Requirement: 40CFR 63.6625(e), Subpart ZZZZ**

**Item 1-9.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

**Item 1-9.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of any of the following stationary RICE must operate and maintain the stationary RICE and after-treatment control device (if any) according to the manufacturer's emission-related written instructions or develop a maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions:

- (1) An existing stationary RICE with a site rating of less than 100 brake horsepower located at a major source of HAP emissions;
- (2) An existing emergency or black start stationary RICE with a site rating of less than or equal to 500 brake horsepower located at a major source of HAP emissions;
- (3) An existing emergency or black start stationary RICE located at an area source of HAP emissions;
- (4) An existing non-emergency, non-black start stationary compression ignition RICE with a site rating less than or equal to 300 brake horsepower located at an area source of HAP emissions;
- (5) An existing non-emergency, non-black start 2 stroke lean burn stationary RICE located at an area source of HAP emissions;
- (6) An existing non-emergency, non-black start landfill or digester gas stationary RICE located at an area source of HAP emissions;
- (7) An existing non-emergency, non-black start 4 stroke lean burn stationary RICE with a site rating less than or equal to 500 brake horsepower located at an area source of HAP emissions;



(8) An existing non-emergency, non-black start 4 stroke rich burn stationary RICE with a site rating less than or equal to 500 brake horsepower located at an area source of HAP emissions;

(9) An existing, non-emergency, non-black start 4 stroke lean burn stationary RICE with a site rating greater than 500 brake horsepower located at an area source of HAP emissions that is operated 24 hours or less per calendar year; and

(10) An existing, non-emergency, non-black start 4 stroke rich burn stationary RICE with a site rating greater than 500 brake horsepower located at an area source of HAP emissions that is operated 24 hours or less per calendar year.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 32: Compliance Certification**  
**Effective between the dates of 08/21/2007 and Permit Expiration Date**

**Applicable Federal Requirement:**

**Expired by Mod 1**

**Item 32.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 001

Emission Source: 00003

**Item 32.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A boiler tune-up shall be performed annually. The owner or operator of a small boiler shall maintain a log (in the format acceptable to the Department) containing the following information: (1) The date which the equipment was adjusted; and (2) The name, title, and affiliation of the person who adjusted the equipment.

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

Subsequent reports are due every 12 calendar month(s).

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**Condition 33: Compliance Certification**  
**Effective between the dates of 08/21/2007 and Permit Expiration Date**

**Applicable Federal Requirement:**

**Expired by Mod 1**

**Item 33.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 001

Emission Source: 00004

**Item 33.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A boiler tune-up shall be performed annually. The owner or operator of a small boiler shall maintain a log (in the format acceptable to the Department) containing the following information: (1) The date which the equipment was adjusted; and (2) The name, title, and affiliation of the person who adjusted the equipment.

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

Subsequent reports are due every 12 calendar month(s).

**Condition 1-10: Compliance Certification**  
**Effective for entire length of Permit**

**Applicable Federal Requirement:6 NYCRR 227-2.4 (c) (1) (i)**

**Item 1-10.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 001

Emission Source: 00015

Regulated Contaminant(s):

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

**Item 1-10.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

This condition applies to distillate oil fired mid-size boilers and is applicable until June 30th 2014. The owner or operator shall submit a testing protocol to the

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Department for approval a minimum of 30 days prior to any stack testing.

The owner or operator will maintain records on-site for a minimum of five years.

Parameter Monitored: OXIDES OF NITROGEN  
Upper Permit Limit: 0.12 pounds per million Btus  
Reference Test Method: 40 CFR 60 Appendix A - Method 7, 7E, 19  
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT  
Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
Subsequent reports are due every 6 calendar month(s).

**Condition 1-11: Compliance Certification**  
**Effective for entire length of Permit**

**Applicable Federal Requirement: 6 NYCRR 227-2.4 (c) (1) (i)**

**Item 1-11.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 001

Emission Source: 00016

Regulated Contaminant(s):

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

**Item 1-11.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

This condition applies to distillate oil fired mid-size boilers and is applicable until June 30th 2014. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.

The owner or operator will maintain records on-site for a minimum of five years.

Parameter Monitored: OXIDES OF NITROGEN  
Upper Permit Limit: 0.12 pounds per million Btus  
Reference Test Method: 40 CFR 60 Appendix A - Method 7, 7E, 19  
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT  
Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
Subsequent reports are due every 6 calendar month(s).

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**Condition 34: Compliance Certification**  
**Effective between the dates of 08/21/2007 and Permit Expiration Date**

**Applicable Federal Requirement:**

**Expired by Mod 1**

**Item 34.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 002

Emission Source: 00005

Regulated Contaminant(s):

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

**Item 34.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

6.0 gram/brake horsepower-hour (g/bhp-hr) is the alternative NO<sub>x</sub> emissions standard as demonstrated by the NO<sub>x</sub> RACT Economic and Technological Analysis of September 29, 2006 submission.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 6.0 grams per brake horsepower-hour

Monitoring Frequency: DAILY

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE -  
SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

Subsequent reports are due every 6 calendar month(s).

**Condition 35: Compliance Certification**  
**Effective between the dates of 08/21/2007 and Permit Expiration Date**

**Applicable Federal Requirement:**

**Expired by Mod 1**

**Item 35.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 002

Emission Source: 00006

Regulated Contaminant(s):

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

**Item 35.2:**

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Compliance Certification shall include the following monitoring:

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

Monitoring Description:

6.0 gram/brake horsepower-hour (g/bhp-hr) is the alternative NOx emissions standard as demonstrated by the NOx RACT Economic and Technological Analysis of September 29, 2006 submission.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 6.0 grams per brake horsepower-hour

Monitoring Frequency: DAILY

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE -  
SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

Subsequent reports are due every 6 calendar month(s).

**Condition 36: Compliance Certification**  
**Effective between the dates of 08/21/2007 and Permit Expiration Date**

**Applicable Federal Requirement:**

**Expired by Mod 1**

**Item 36.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 002

Emission Source: 00007

Regulated Contaminant(s):

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

**Item 36.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

6.0 gram/brake horsepower-hour (g/bhp-hr) is the alternative NOx emissions standard as demonstrated by the NOx RACT Economic and Technological Analysis of September 29, 2006 submission.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 6.0 grams per brake horsepower-hour

Monitoring Frequency: DAILY

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE -  
SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

**New York State Department of Environmental Conservation**

Permit ID: 2-6205-00182/00001

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Reports due 30 days after the reporting period.  
The initial report is due 1/30/2008.  
Subsequent reports are due every 6 calendar month(s).

**Condition 37: Compliance Certification**  
**Effective between the dates of 08/21/2007 and Permit Expiration Date**

**Applicable Federal Requirement:**

**Expired by Mod 1**

**Item 37.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 002

Emission Source: 00008

Regulated Contaminant(s):

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

**Item 37.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

6.0 gram/brake horsepower-hour (g/bhp-hr) is the  
alternative NO<sub>x</sub> emissions standard as demonstrated by the  
NO<sub>x</sub> RACT Economic and Technological Analysis of September  
29, 2006 submission.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 6.0 grams per brake horsepower-hour

Monitoring Frequency: DAILY

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE -  
SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

Subsequent reports are due every 6 calendar month(s).

**Condition 38: Compliance Certification**  
**Effective between the dates of 08/21/2007 and Permit Expiration Date**

**Applicable Federal Requirement:**

**Expired by Mod 1**

**Item 38.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 002

Emission Source: 00009

New York State Department of Environmental Conservation

Permit ID: 2-6205-00182/00001

Facility DEC ID: 2620500182



Regulated Contaminant(s):

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

**Item 38.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

6.0 gram/brake horsepower-hour (g/bhp-hr) is the alternative NOx emissions standard as demonstrated by the NOx RACT Economic and Technological Analysis of September 29, 2006 submission.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 6.0 grams per brake horsepower-hour

Monitoring Frequency: DAILY

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE -  
SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

Subsequent reports are due every 6 calendar month(s).

**Condition 39: Compliance Certification**

**Effective between the dates of 08/21/2007 and Permit Expiration Date**

**Applicable Federal Requirement:**

**Expired by Mod 1**

**Item 39.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 002

Emission Source: 00010

Regulated Contaminant(s):

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

**Item 39.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

6.0 gram/brake horsepower-hour (g/bhp-hr) is the alternative NOx emissions standard as demonstrated by the NOx RACT Economic and Technological Analysis of September 29, 2006 submission.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 6.0 grams per brake horsepower-hour

**New York State Department of Environmental Conservation**

Permit ID: 2-6205-00182/00001

Facility DEC ID: 2620500182



Monitoring Frequency: DAILY

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE -  
SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

Subsequent reports are due every 6 calendar month(s).

**Condition 1-12: Compliance Certification**  
**Effective for entire length of Permit**

**Applicable Federal Requirement:6 NYCRR 227-2.4 (c) (1) (i)**

**Item 1-12.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 002

Emission Source: 00015

Regulated Contaminant(s):

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

**Item 1-12.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

This condition applies to distillate oil fired mid-size boilers and is applicable until June 30th 2014. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.

The owner or operator will maintain records on-site for a minimum of five years.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.12 pounds per million Btus

Reference Test Method: 40 CFR 60 Appendix A - Method 7, 7E, 19

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

Subsequent reports are due every 6 calendar month(s).

**Condition 1-13: Compliance Certification**  
**Effective for entire length of Permit**

**Applicable Federal Requirement:40CFR 60.42c(d), NSPS Subpart Dc**

**Item 1-13.1:**

The Compliance Certification activity will be performed for:

**New York State Department of Environmental Conservation**

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Emission Unit: U-00001

Process: 002

Emission Source: 00015

Regulated Contaminant(s):

CAS No: 007446-09-5

SULFUR DIOXIDE

**Item 1-13.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

On or after the date on which the initial performance test is completed or required to be completed under section 60.8 of this part, no owner or operator of an affected facility that combusts oil shall combust oil with a sulfur content in excess of 0.5 percent by weight.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: FUEL OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.5 percent by weight

Monitoring Frequency: PER DELIVERY

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

Subsequent reports are due every 6 calendar month(s).

**Condition 1-14: Compliance Certification  
Effective for entire length of Permit**

**Applicable Federal Requirement: 40CFR 60.48c(i), NSPS Subpart Dc**

**Item 1-14.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 002

Emission Source: 00015

**Item 1-14.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

All records required under this section shall be maintained by the owner or operator of the affected facility for a period of two years following the date of such record, for determining compliance with the NSPS requirements.

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Permit ID: 2-6205-00182/00001

Facility DEC ID: 2620500182



**\*\* NOTE\*\*** Records shall be maintained for a minimum of five years to achieve compliance with the requirements of Title V.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

Subsequent reports are due every 6 calendar month(s).

**Condition 1-15: Compliance Certification**  
**Effective for entire length of Permit**

**Applicable Federal Requirement:6 NYCRR 227-2.4 (c) (1) (i)**

**Item 1-15.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 002

Emission Source: 00016

Regulated Contaminant(s):

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

**Item 1-15.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

This condition applies to distillate oil fired mid-size boilers and is applicable until June 30th 2014. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.

The owner or operator will maintain records on-site for a minimum of five years.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.12 pounds per million Btus

Reference Test Method: 40 CFR 60 Appendix A - Method 7, 7E, 19

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

Subsequent reports are due every 6 calendar month(s).

**Condition 1-16: Compliance Certification**  
**Effective for entire length of Permit**

**Applicable Federal Requirement:40CFR 60.42c(d), NSPS Subpart Dc**

**New York State Department of Environmental Conservation**

Permit ID: 2-6205-00182/00001

Facility DEC ID: 2620500182



**Item 1-16.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 002

Emission Source: 00016

Regulated Contaminant(s):

CAS No: 007446-09-5      SULFUR DIOXIDE

**Item 1-16.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

On or after the date on which the initial performance test is completed or required to be completed under section 60.8 of this part, no owner or operator of an affected facility that combusts oil shall combust oil with a sulfur content in excess of 0.5 percent by weight.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: FUEL OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.5 percent by weight

Monitoring Frequency: PER DELIVERY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

Subsequent reports are due every 6 calendar month(s).

**Condition 1-17: Compliance Certification  
Effective for entire length of Permit**

**Applicable Federal Requirement: 40CFR 60.48c(i), NSPS Subpart Dc**

**Item 1-17.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 002

Emission Source: 00016

**Item 1-17.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

All records required under this section shall be maintained by the owner or operator of the affected facility for a period of two years following the date of such record, for determining compliance with the NSPS requirements.

**New York State Department of Environmental Conservation**

Permit ID: 2-6205-00182/00001

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**\*\* NOTE\*\*** Records shall be maintained for a minimum of five years to achieve compliance with the requirements of Title V.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

Subsequent reports are due every 6 calendar month(s).

**Condition 40: Compliance Certification**  
**Effective between the dates of 08/21/2007 and Permit Expiration Date**

**Applicable Federal Requirement:**

**Expired by Mod 1**

**Item 40.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 003

Emission Source: 00011

Regulated Contaminant(s):

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

**Item 40.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

NOx emission limit for a lean burn spark ignited natural gas fired stationary internal combustion engine. Stack testing will be required in order to demonstrate compliance with the regulatory standard. The owner or operator must submit a stack test protocol to the Department for approval prior to testing. The owner or operator shall submit stack test results, to the Department for approval, within 60 days of stack test completion.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 1.5 grams per brake horsepower-hour

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 41: Compliance Certification**  
**Effective between the dates of 08/21/2007 and Permit Expiration Date**

**Applicable Federal Requirement:**

**Expired by Mod 1**

**New York State Department of Environmental Conservation**

Permit ID: 2-6205-00182/00001

Facility DEC ID: 2620500182



**Item 41.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 003

Emission Source: 00012

Regulated Contaminant(s):

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

**Item 41.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

NOx emission limit for a lean burn spark ignited natural gas fired stationary internal combustion engine. Stack testing will be required in order to demonstrate compliance with the regulatory standard. The owner or operator must submit a stack test protocol to the Department for approval prior to testing. The owner or operator shall submit stack test results, to the Department for approval, within 60 days of stack test completion.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 1.5 grams per brake horsepower-hour

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 42: Compliance Certification**

**Effective between the dates of 08/21/2007 and Permit Expiration Date**

**Applicable Federal Requirement:**

**Expired by Mod 1**

**Item 42.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 003

Emission Source: 00013

Regulated Contaminant(s):

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

**Item 42.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

NOx emission limit for a lean burn spark ignited natural gas fired stationary internal combustion engine. Stack





**Applicable Federal Requirement:40CFR 60.48c(e)(11), NSPS Subpart Dc**

**Item 1-18.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001                      Emission Point: 00001  
Process: 002                                      Emission Source: 00015

Regulated Contaminant(s):  
CAS No: 007446-09-5              SULFUR DIOXIDE

**Item 1-18.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility subject to the SO<sub>2</sub> emission limits, fuel oil sulfur limits, or percent reduction requirements under §60.42c shall keep records as required under §60.48c(d) including the following information.

If fuel supplier certification is used to demonstrate compliance, records of fuel supplier certification as described under paragraph §60.48c(f)(1)(2) or (3). In addition to records of fuel supplier certification, the semi-annual report shall include a certified statement signed by the owner or operator of the affected facility that the records of fuel supplier certifications submitted represent all of the fuel combusted during the period.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

Subsequent reports are due every 6 calendar month(s).

**Condition 1-19: Compliance Certification  
Effective for entire length of Permit**

**Applicable Federal Requirement:40CFR 60.48c(e)(11), NSPS Subpart Dc**

**Item 1-19.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001                      Emission Point: 00001  
Process: 002                                      Emission Source: 00016

Regulated Contaminant(s):  
CAS No: 007446-09-5              SULFUR DIOXIDE



**Item 1-19.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility subject to the SO<sub>2</sub> emission limits, fuel oil sulfur limits, or percent reduction requirements under §60.42c shall keep records as required under §60.48c(d) including the following information.

If fuel supplier certification is used to demonstrate compliance, records of fuel supplier certification as described under paragraph §60.48c(f)(1)(2) or (3). In addition to records of fuel supplier certification, the semi-annual report shall include a certified statement signed by the owner or operator of the affected facility that the records of fuel supplier certifications submitted represent all of the fuel combusted during the period.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

Subsequent reports are due every 6 calendar month(s).



**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: 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 law.

**STATE ONLY APPLICABLE REQUIREMENTS**

**The following conditions are state applicable requirements and are not subject to compliance certification requirements unless otherwise noted or required under 6 NYCRR Part 201.**

**Condition 54: Contaminant List**  
**Effective between the dates of 08/21/2007 and Permit Expiration Date**

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

**Item 54.1:**

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

CAS No: 000630-08-0  
Name: CARBON MONOXIDE



CAS No: 007446-09-5  
Name: SULFUR DIOXIDE

CAS No: 0NY075-00-0  
Name: PARTICULATES

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

**Condition 1-20: Unavoidable noncompliance and violations  
Effective for entire length of Permit**

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

**Item 1-20.1:**

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 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

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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 1-21: Visible Emissions Limited**  
**Effective for entire length of Permit**

**Applicable State Requirement:6 NYCRR 211.2**

**Item 1-21.1:**

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.

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

**Condition 1-22: Compliance Demonstration**  
**Effective for entire length of Permit**

**Applicable State Requirement:6 NYCRR 227-2.4 (d)**

**Item 1-22.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Process: 001

Emission Source: 00003

Regulated Contaminant(s):

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

**Item 1-22.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a small boiler, small combustion turbine, or small internal combustion engine must perform an annual tune-up of their equipment. This tune-up should be performed in accordance with the requirements of the DAR-5 guidance document. Records of each tune-up must be kept on-site for a minimum of five years.



Monitoring Frequency: ANNUALLY  
Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
Subsequent reports are due every 12 calendar month(s).

**Condition 1-23: Compliance Demonstration**  
**Effective for entire length of Permit**

**Applicable State Requirement:6 NYCRR 227-2.4 (d)**

**Item 1-23.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001  
Process: 001 Emission Source: 00004

Regulated Contaminant(s):  
CAS No: 0NY210-00-0 OXIDES OF NITROGEN

**Item 1-23.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a small boiler, small combustion turbine, or small internal combustion engine must perform an annual tune-up of their equipment. This tune-up should be performed in accordance with the requirements of the DAR-5 guidance document. Records of each tune-up must be kept on-site for a minimum of five years.

Monitoring Frequency: ANNUALLY  
Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
Subsequent reports are due every 12 calendar month(s).

**Condition 1-24: Compliance Demonstration**  
**Effective for entire length of Permit**

**Applicable State Requirement:6 NYCRR 227-2.4 (c) (1) (ii)**

**Item 1-24.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001  
Process: 001 Emission Source: 00015

Regulated Contaminant(s):  
CAS No: 0NY210-00-0 OXIDES OF NITROGEN

**Item 1-24.2:**

Compliance Demonstration shall include the following monitoring:

**New York State Department of Environmental Conservation**

Permit ID: 2-6205-00182/00001

Facility DEC ID: 2620500182



Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

This condition applies to distillate oil/gas fired mid-size boilers. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.

The owner or operator will maintain records on-site for a minimum of five years.

The compliance deadline, with the emission limitation listed in this condition, is July, 1 2014. Compliance with the monitoring, record keeping, or reporting requirements listed in this condition begins on July, 1 2014.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.08 pounds per million Btus

Reference Test Method: 40 CFR 60 Appendix A - Method 7, 7E, or 19

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

Subsequent reports are due every 6 calendar month(s).

**Condition 1-25: Compliance Demonstration  
Effective for entire length of Permit**

**Applicable State Requirement: 6 NYCRR 227-2.4 (c) (1) (ii)**

**Item 1-25.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Process: 001

Emission Source: 00016

Regulated Contaminant(s):

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

**Item 1-25.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

This condition applies to distillate oil/gas fired mid-size boilers. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.

The owner or operator will maintain records on-site for a minimum of five years.



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**Item 1-27.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Process: 002

Emission Source: 00004

Regulated Contaminant(s):

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

**Item 1-27.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a small boiler, small combustion turbine, or small internal combustion engine must perform an annual tune-up of their equipment. This tune-up should be performed in accordance with the requirements of the DAR-5 guidance document. Records of each tune-up must be kept on-site for a minimum of five years.

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

Subsequent reports are due every 12 calendar month(s).

**Condition 1-28: Compliance Demonstration  
Effective for entire length of Permit**

**Applicable State Requirement:6 NYCRR 227-2.5 (c)**

**Item 1-28.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Process: 002

Emission Source: 00005

Regulated Contaminant(s):

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

**Item 1-28.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

6.0 gram/brake horsepower-hour (g/bhp-hr) is the alternative NOx emissions standard as demonstrated by the NOx RACT Economic and Technological Analysis of September 29, 2006 submission.

Parameter Monitored: OXIDES OF NITROGEN



**New York State Department of Environmental Conservation**

Permit ID: 2-6205-00182/00001

Facility DEC ID: 2620500182



Regulated Contaminant(s):  
CAS No: 0NY210-00-0      OXIDES OF NITROGEN

**Item 1-30.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

6.0 gram/brake horsepower-hour (g/bhp-hr) is the alternative NOx emissions standard as demonstrated by the NOx RACT Economic and Technological Analysis of September 29, 2006 submission.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 6.0 grams per brake horsepower-hour

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE -  
SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

Subsequent reports are due every 6 calendar month(s).

**Condition 1-31: Compliance Demonstration**  
**Effective for entire length of Permit**

**Applicable State Requirement: 6 NYCRR 227-2.5 (c)**

**Item 1-31.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Process: 002

Emission Source: 00008

Regulated Contaminant(s):

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

**Item 1-31.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

6.0 gram/brake horsepower-hour (g/bhp-hr) is the alternative NOx emissions standard as demonstrated by the NOx RACT Economic and Technological Analysis of September 29, 2006 submission.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 6.0 grams per brake horsepower-hour

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

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Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE -  
SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

Subsequent reports are due every 6 calendar month(s).

**Condition 1-32: Compliance Demonstration**  
**Effective for entire length of Permit**

**Applicable State Requirement:6 NYCRR 227-2.5 (c)**

**Item 1-32.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Process: 002

Emission Source: 00009

Regulated Contaminant(s):

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

**Item 1-32.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

6.0 gram/brake horsepower-hour (g/bhp-hr) is the  
alternative NOx emissions standard as demonstrated by the  
NOx RACT Economic and Technological Analysis of September  
29, 2006 submission.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 6.0 grams per brake horsepower-hour

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE -  
SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

Subsequent reports are due every 6 calendar month(s).

**Condition 1-33: Compliance Demonstration**  
**Effective for entire length of Permit**

**Applicable State Requirement:6 NYCRR 227-2.5 (c)**

**Item 1-33.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Process: 002

Emission Source: 00010

Regulated Contaminant(s):

**New York State Department of Environmental Conservation**

Permit ID: 2-6205-00182/00001

Facility DEC ID: 2620500182



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

**Item 1-33.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

6.0 gram/brake horsepower-hour (g/bhp-hr) is the alternative NOx emissions standard as demonstrated by the NOx RACT Economic and Technological Analysis of September 29, 2006 submission.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 6.0 grams per brake horsepower-hour

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE -  
SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

Subsequent reports are due every 6 calendar month(s).

**Condition 1-34: Compliance Demonstration  
Effective for entire length of Permit**

**Applicable State Requirement: 6 NYCRR 227-2.4 (c) (1) (ii)**

**Item 1-34.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Process: 002

Emission Source: 00015

Regulated Contaminant(s):

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

**Item 1-34.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

This condition applies to distillate oil/gas fired mid-size boilers. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.

The owner or operator will maintain records on-site for a minimum of five years.

The compliance deadline, with the emission limitation listed in this condition, is July, 1 2014. Compliance with the monitoring, record keeping, or reporting





Subsequent reports are due every 6 calendar month(s).

**Condition 1-36: Compliance Demonstration**  
**Effective for entire length of Permit**

**Applicable State Requirement:6 NYCRR 227-2.5 (c)**

**Item 1-36.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Process: 004

Emission Source: 00005

Regulated Contaminant(s):

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

**Item 1-36.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

6.0 gram/brake horsepower-hour (g/bhp-hr) is the alternative NO<sub>x</sub> emissions standard burning by fuel (minimum 60% oil # 2 and 40% natural gas) as demonstrated by the revised NO<sub>x</sub> RACT Economic and Technological Analysis of May 21, 2010 submission under Renewal 1 Mod 1.

The facility is required to conduct stack test under this bifuel mode and this alternate limit will be modified upon the stack test results.

Upon renewal of this permit the new alternate limit will be that of the stack test results.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 6.0 grams per brake horsepower-hour

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE -  
SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

Subsequent reports are due every 6 calendar month(s).

**Condition 1-37: Compliance Demonstration**  
**Effective for entire length of Permit**

**Applicable State Requirement:6 NYCRR 227-2.5 (c)**

**Item 1-37.1:**

The Compliance Demonstration activity will be performed for:

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Emission Unit: U-00001  
Process: 004 Emission Source: 00006

Regulated Contaminant(s):  
CAS No: 0NY210-00-0 OXIDES OF NITROGEN

**Item 1-37.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

6.0 gram/brake horsepower-hour (g/bhp-hr) is the alternative NO<sub>x</sub> emissions standard burning by fuel (minimum 60% oil # 2 and 40% natural gas) as demonstrated by the revised NO<sub>x</sub> RACT Economic and Technological Analysis of May 21, 2010 submission under Renewal 1 Mod 1.

The facility is required to conduct stack test under this bifuel mode and this alternate limit will be modified upon the stack test results.

Upon renewal of this permit the new alternate limit will be that of the stack test results.

Parameter Monitored: OXIDES OF NITROGEN  
Upper Permit Limit: 6.0 grams per brake horsepower-hour  
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT  
Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE -  
SEE MONITORING DESCRIPTION  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
Subsequent reports are due every 6 calendar month(s).

**Condition 1-38: Compliance Demonstration  
Effective for entire length of Permit**

**Applicable State Requirement: 6 NYCRR 227-2.5 (c)**

**Item 1-38.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001  
Process: 004 Emission Source: 00007

Regulated Contaminant(s):  
CAS No: 0NY210-00-0 OXIDES OF NITROGEN

**Item 1-38.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

6.0 gram/brake horsepower-hour (g/bhp-hr) is the alternative NOx emissions standard burning by fuel (minimum 60% oil # 2 and 40% natural gas) as demonstrated by the revised NOx RACT Economic and Technological Analysis of May 21, 2010 submission under Renewal 1 Mod 1.

The facility is required to conduct stack test under this bifuel mode and this alternate limit will be modified upon the stack test results.

Upon renewal of this permit the new alternate limit will be that of the stack test results.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 6.0 grams per brake horsepower-hour

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE -  
SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

Subsequent reports are due every 6 calendar month(s).

**Condition 1-39: Compliance Demonstration**  
**Effective for entire length of Permit**

**Applicable State Requirement:6 NYCRR 227-2.5 (c)**

**Item 1-39.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Process: 004

Emission Source: 00008

Regulated Contaminant(s):

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

**Item 1-39.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

6.0 gram/brake horsepower-hour (g/bhp-hr) is the alternative NOx emissions standard burning by fuel (minimum 60% oil # 2 and 40% natural gas) as demonstrated by the revised NOx RACT Economic and Technological Analysis of May 21, 2010 submission under Renewal 1 Mod

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1.

The facility is required to conduct stack test under this bifuel mode and this alternate limit will be modified upon the stack test results.

Upon renewal of this permit the new alternate limit will be that of the stack test results.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 6.0 grams per brake horsepower-hour

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE -

SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

Subsequent reports are due every 6 calendar month(s).

**Condition 1-40: Compliance Demonstration**  
**Effective for entire length of Permit**

**Applicable State Requirement:6 NYCRR 227-2.5 (c)**

**Item 1-40.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Process: 004

Emission Source: 00009

Regulated Contaminant(s):

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

**Item 1-40.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

6.0 gram/brake horsepower-hour (g/bhp-hr) is the alternative NOx emissions standard burning by fuel (minimum 60% oil # 2 and 40% natural gas) as demonstrated by the revised NOx RACT Economic and Technological Analysis of May 21, 2010 submission under Renewal 1 Mod 1.

The facility is required to conduct stack test under this bifuel mode and this alternate limit will be modified upon the stack test results.

Upon renewal of this permit the new alternate limit will be that of the stack test results.





**Condition 1-42: Compliance Demonstration**  
**Effective for entire length of Permit**

**Applicable State Requirement:6 NYCRR 227-2.4 (f) (1)**

**Item 1-42.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001                      Emission Point: 00001  
Process: 001                                      Emission Source: 00011

Regulated Contaminant(s):  
CAS No: 0NY210-00-0      OXIDES OF NITROGEN

**Item 1-42.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

This condition applies to stationary internal combustion engines that have a maximum mechanical output rating equal to or greater than 200 brake horsepower in a severe ozone nonattainment area or 400 brake horsepower outside a severe ozone nonattainment area and are fired by natural gas. The owner or operator is required to submit a compliance testing protocol to the department for approval at least 30 days prior to testing. The owner or operator will maintain all records on-site for a minimum of five years.

Parameter Monitored: OXIDES OF NITROGEN  
Upper Permit Limit: 1.5 grams per brake horsepower-hour  
Reference Test Method: 40 CFR 60 Appendix A - Method 7, 7E, or 19  
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT  
Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
Subsequent reports are due every 6 calendar month(s).

**Condition 1-43: Compliance Demonstration**  
**Effective for entire length of Permit**

**Applicable State Requirement:6 NYCRR 227-2.4 (f) (1)**

**Item 1-43.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001                      Emission Point: 00001  
Process: 001                                      Emission Source: 00012

Regulated Contaminant(s):  
CAS No: 0NY210-00-0      OXIDES OF NITROGEN

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**Item 1-43.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

This condition applies to stationary internal combustion engines that have a maximum mechanical output rating equal to or greater than 200 brake horsepower in a severe ozone nonattainment area or 400 brake horsepower outside a severe ozone nonattainment area and are fired by natural gas. The owner or operator is required to submit a compliance testing protocol to the department for approval at least 30 days prior to testing. The owner or operator will maintain all records on-site for a minimum of five years.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 1.5 grams per brake horsepower-hour

Reference Test Method: 40 CFR 60 Appendix A - Method 7, 7E, or 19

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

Subsequent reports are due every 6 calendar month(s).

**Condition 1-44: Compliance Demonstration**  
**Effective for entire length of Permit**

**Applicable State Requirement: 6 NYCRR 227-2.4 (f) (1)**

**Item 1-44.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 001

Emission Source: 00013

Regulated Contaminant(s):

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

**Item 1-44.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

This condition applies to stationary internal combustion engines that have a maximum mechanical output rating equal to or greater than 200 brake horsepower in a severe ozone nonattainment area or 400 brake horsepower outside a severe ozone nonattainment area and are fired by natural gas. The owner or operator is required to submit a compliance testing protocol to the department for approval

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at least 30 days prior to testing. The owner or operator will maintain all records on-site for a minimum of five years.

Parameter Monitored: OXIDES OF NITROGEN  
Upper Permit Limit: 1.5 grams per brake horsepower-hour  
Reference Test Method: 40 CFR 60 Appendix A - Method 7, 7E, or 19  
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT  
Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
Subsequent reports are due every 6 calendar month(s).

**Condition 1-45: Compliance Demonstration**  
**Effective for entire length of Permit**

**Applicable State Requirement: 6 NYCRR 227-2.4 (f) (1)**

**Item 1-45.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001                      Emission Point: 00001  
Process: 001                                      Emission Source: 00014

Regulated Contaminant(s):  
CAS No: 0NY210-00-0      OXIDES OF NITROGEN

**Item 1-45.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING  
Monitoring Description:

This condition applies to stationary internal combustion engines that have a maximum mechanical output rating equal to or greater than 200 brake horsepower in a severe ozone nonattainment area or 400 brake horsepower outside a severe ozone nonattainment area and are fired by natural gas. The owner or operator is required to submit a compliance testing protocol to the department for approval at least 30 days prior to testing. The owner or operator will maintain all records on-site for a minimum of five years.

Parameter Monitored: OXIDES OF NITROGEN  
Upper Permit Limit: 1.5 grams per brake horsepower-hour  
Reference Test Method: 40 CFR 60 Appendix A - Method 7, 7E, or 19  
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT  
Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
Subsequent reports are due every 6 calendar month(s).



