



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

**IDENTIFICATION INFORMATION**

Permit Type: Air State Facility  
Permit ID: 6-4074-00089/00005  
Effective Date: 03/23/2010                      Expiration Date: No expiration date

Permit Issued To: STATE UNIVERSITY OF NEW YORK  
STATE UNIVERSITY PLAZA  
381 BROADWAY  
ALBANY, NY 12246

Contact: STATE UNIVERSITY OF NEW YORK  
STATE UNIVERSITY PLAZA  
381 BROADWAY  
ALBANY, NY 12246  
(518) 443-5355

Facility: SUNY COLLEGE AT POTSDAM  
44 PIERREPONT AVE  
POTSDAM, NY 13676-2294

Contact: TONY DITULLIO  
SUNY COLLEGE AT POTSDAM  
44 PIERREPONT AVE  
POTSDAM, NY 13676

Description:  
The project is to add 2 internal combustion engines that fire natural gas to the SUNY College at Potsdam campus. These engines will provide electricity to the campus and steam for comfort heating and to run a chiller for air conditioning.

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: LAWRENCE R AMBEAU  
NYSDEC - STATE OFFICE BLDG  
317 WASHINGTON ST  
WATERTOWN, NY 13601

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  
Permit modifications, suspensions or revocations by the Department

#### **Facility Level**

Submission of application for permit modification or renewal-REGION 6  
HEADQUARTERS



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

**Condition 1: Facility Inspection by the Department**

**Applicable State Requirement: ECL 19-0305**

**Item 1.1:**

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

**Item 1.2:**

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

**Item 1.3:**

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

**Condition 2: Relationship of this Permit to Other Department Orders and Determinations**

**Applicable State Requirement: ECL 3-0301 (2) (m)**

**Item 2.1:**

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

**Condition 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.



**Applicable State Requirement: 6 NYCRR 621.13**

**Item 4.1:**

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

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

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

**Condition 5: Submission of application for permit modification or renewal-REGION 6 HEADQUARTERS**

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

**Item 5.1:**

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

NYSDEC Regional Permit Administrator  
Region 6 Headquarters  
Division of Environmental Permits  
State Office Building, 317 Washington Street  
Watertown, NY 13601-3787  
(315) 785-2245

**New York State Department of Environmental Conservation**

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**Facility DEC ID: 6407400089**



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

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

**PERMIT**

**IDENTIFICATION INFORMATION**

Permit Issued To: STATE UNIVERSITY OF NEW YORK  
STATE UNIVERSITY PLAZA  
381 BROADWAY  
ALBANY, NY 12246

Facility: SUNY COLLEGE AT POTSDAM  
44 PIERREPONT AVE  
POTSDAM, NY 13676-2294

Authorized Activity By Standard Industrial Classification Code:  
8221 - COLLEGES AND UNIVERSITIES, NEC

Permit Effective Date: 03/23/2010  
date.

Permit Expiration Date: No expiration



## LIST OF CONDITIONS

### FEDERALLY ENFORCEABLE CONDITIONS

#### Facility Level

- 1 6 NYCRR 201-7.2: Facility Permissible Emissions
- 2 40CFR 60.4246, NSPS Subpart JJJJ: Subpart A provisions that apply to facilities subject to Subpart JJJJ

#### Emission Unit Level

##### EU=B-OILER

- 3 6 NYCRR 225-1.2 (a) (2): Compliance Demonstration
- 4 6 NYCRR 225-1.8 (a): Compliance Demonstration
- 5 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
- 6 40CFR 60.40c, NSPS Subpart Dc: Applicability of this Subpart to this emission source
- 7 40CFR 60.42c(d), NSPS Subpart Dc: Compliance Demonstration
- 8 40CFR 60.42c(h), NSPS Subpart Dc: Exemption from the averaging period.
- 9 40CFR 60.43c(c), NSPS Subpart Dc: Compliance Demonstration
- 10 40CFR 60.44c(h), NSPS Subpart Dc: Compliance Demonstration
- 11 40CFR 60.46c(e), NSPS Subpart Dc: Exemption from sulfur dioxide monitoring requirements.
- 12 40CFR 60.47c(c), NSPS Subpart Dc: Emissions monitoring
- 13 40CFR 60.48c, NSPS Subpart Dc: Recordkeeping and reporting.
- 14 40CFR 60.48c(c), NSPS Subpart Dc: Compliance Demonstration
- 15 40CFR 60.48c(d), NSPS Subpart Dc: Compliance Demonstration
- 16 40CFR 60.48c(e)(1), NSPS Subpart Dc: Compliance Demonstration
- 17 40CFR 60.48c(e)(2), NSPS Subpart Dc: Compliance Demonstration
- 18 40CFR 60.48c(e)(11), NSPS Subpart Dc: Compliance Demonstration
- 19 40CFR 60.48c(f)(1), NSPS Subpart Dc: Compliance Demonstration
- 20 40CFR 60.48c(f)(4), NSPS Subpart Dc: Fuel supplier certification
- 21 40CFR 60.48c(g)(2), NSPS Subpart Dc: Alternative recordkeeping
- 22 40CFR 60.48c(i), NSPS Subpart Dc: Compliance Demonstration
- 23 40CFR 60.48c(j), NSPS Subpart Dc: Reporting period

##### EU=B-OILER,Proc=OIL

- \*24 6 NYCRR 201-7.2: Capping Monitoring Condition
- \*25 6 NYCRR 201-7.2: Capping Monitoring Condition

##### EU=E-GENRT

- 26 40CFR 60.7(a), NSPS Subpart A: Date of construction notification - If a COM is not used.
- 27 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 28 40CFR 60.7(d), NSPS Subpart A: Excess Emissions Report
- 29 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
- 30 40CFR 60.7(g), NSPS Subpart A: Notification Similar to State or Local Agency
- 31 40CFR 60.8(a), NSPS Subpart A: Performance testing timeline.
- 32 40CFR 60.12, NSPS Subpart A: Circumvention.
- 33 40CFR 60.4230(a)(4)(i), NSPS Subpart JJJJ: Applicability of facilities subject to Subpart JJJJ

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- 34 40CFR 60.4233(e), NSPS Subpart JJJJ: Compliance Demonstration
- 35 40CFR 60.4233(e), NSPS Subpart JJJJ: Compliance Demonstration
- 36 40CFR 60.4233(e), NSPS Subpart JJJJ: Compliance Demonstration
- 37 40CFR 60.4243(b)(2)(ii), NSPS Subpart JJJJ: Compliance Demonstration
- 38 40CFR 60.4243(g), NSPS Subpart JJJJ: Compliance Demonstration
- 39 40CFR 60.4244, NSPS Subpart JJJJ: Test methods and procedures
- 40 40CFR 60.4245(a), NSPS Subpart JJJJ: Compliance Demonstration
- 41 40CFR 60.4245(d), NSPS Subpart JJJJ: Performance test requirements
- 42 40CFR 63.6590(a)(2), Subpart ZZZZ: New RICE at an area source of HAP
- 43 40CFR 63.6590(c), Subpart ZZZZ: Stationary RICE subject to regulations under 40 CFR Part 60

**EU=E-GENRT,Proc=PWR**

\*44 6 NYCRR 201-7.2: Capping Monitoring Condition

\*45 6 NYCRR 201-7.2: Capping Monitoring Condition

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 46 ECL 19-0301: Contaminant List
- 47 6 NYCRR 201-1.4: Unavoidable noncompliance and violations
- 48 6 NYCRR Subpart 201-5: Emission Unit Definition
- 49 6 NYCRR 211.2: Air pollution prohibited

**Emission Unit Level**

- 50 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
- 51 6 NYCRR Subpart 201-5: Process Definition By Emission Unit

NOTE: \* preceding the condition number indicates capping.





**FEDERALLY ENFORCEABLE CONDITIONS**

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

**NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**

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

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

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

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

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

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

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

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

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

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



required to operate such device effectively.

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

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

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

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

**Item E: Emergency Defense - 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 F: Recycling and Salvage - 6 NYCRR 201-1.7**

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

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

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

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

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

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

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

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



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

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

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

**Item L: Open Fires Prohibitions - 6 NYCRR 215.2**

Except as allowed by section 215.3 of 6 NYCRR Part 215, no person shall burn, cause, suffer, allow or permit the burning of any materials in an open fire.

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

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant for violations based on facts and circumstances alleged to have occurred or existed prior to the effective date of this permit, including, but not limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.

**Item N: Federally Enforceable Requirements - 40 CFR 70.6 (b)**

All terms and conditions in this permit required by the Act or any applicable requirement, including any provisions designed to limit a facility's potential to emit, are enforceable by the Administrator and citizens under the Act. The Department has, in this permit, specifically designated any terms and conditions that are not required under the Act or under any of its applicable requirements as being enforceable under only state

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regulations.

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

**Condition 1: Facility Permissible Emissions**  
**Effective between the dates of 03/23/2010 and Permit Expiration Date**

**Applicable Federal Requirement: 6 NYCRR 201-7.2**

**Item 1.1:**

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

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

CAS No: 000630-08-0	PTE: 195,500 pounds per year
Name: CARBON MONOXIDE	

CAS No: 007446-09-5	PTE: 196,200 pounds per year
Name: SULFUR DIOXIDE	

CAS No: 000021-00-0	PTE: 194,800 pounds per year
Name: OXIDES OF NITROGEN	

**Condition 2: Subpart A provisions that apply to facilities subject to**  
**Subpart JJJJ**  
**Effective between the dates of 03/23/2010 and Permit Expiration Date**

**Applicable Federal Requirement: 40 CFR 60.4246, NSPS Subpart JJJJ**

**Item 2.1:**

This Condition applies to:

Emission Unit: EGENRT

**Item 2.2:**

The following provisions of 40 CFR 60 Subpart A apply to this facility: 60.1 through 60.12, 60.14 through 60.17 and 60.19.

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

**Condition 3: Compliance Demonstration**  
**Effective between the dates of 03/23/2010 and Permit Expiration Date**

**Applicable Federal Requirement: 6 NYCRR 225-1.2 (a) (2)**

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**Item 3.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: B-OILER

**Item 3.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

No person shall use, purchase, sell, or offer for sale any distillate fuel oil which has a sulfur content greater than the limit presented below. A log of the sulfur content in oil per delivery must be maintained on site for a minimum of five years after the date of the last entry.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 1.5 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.

The initial report is due 7/30/2010.

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

**Condition 4: Compliance Demonstration**

**Effective between the dates of 03/23/2010 and Permit Expiration Date**

**Applicable Federal Requirement: 6 NYCRR 225-1.8 (a)**

**Item 4.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: B-OILER

**Item 4.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The permittee shall retain fuel oil supplier certifications for each shipment of oil received. Such certifications shall contain, as a minimum: supplier name, date of shipment, quantity shipped, oil sulfur content, and the method used to determine the sulfur content. Such certifications shall be available for inspection by, or submittal to, NYSDEC upon request.

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Monitoring Frequency: PER DELIVERY  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 7/30/2010.  
Subsequent reports are due every 6 calendar month(s).

**Condition 5: EPA Region 2 address.**  
**Effective between the dates of 03/23/2010 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 60.4, NSPS Subpart A**

**Item 5.1:**

This Condition applies to:

Emission Unit: EGENRT

**Item 5.1:**

This Condition applies to Emission Unit: B-OILER

**Item 5.2.3:**

All requests, reports, applications, submittals, and other communications to the Administrator pursuant to this part shall be submitted in duplicate to the following address:

Director, Division of Enforcement and Compliance Assistance  
USEPA Region 2  
290 Broadway, 21st Floor  
New York, NY 10007-1886

Copies of all correspondence to the administrator pursuant to this part shall also be submitted to the NYSDEC Regional Office issuing this permit (see address at the beginning of this permit) and to the following address:

NYSDEC  
Bureau of Quality Assurance  
625 Broadway  
Albany, NY 12233-3258

**Condition 6: Applicability of this Subpart to this emission source**  
**Effective between the dates of 03/23/2010 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 60.40c, NSPS Subpart Dc**

**Item 6.1:**

This Condition applies to Emission Unit: B-OILER

**Item 6.2:**

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This emission source is subject to the applicable General Provisions of 40 CFR 60 Subpart Dc. The facility owner is responsible for reviewing these general provisions in detail and complying with all applicable technical, administrative and reporting requirements.

**Condition 7: Compliance Demonstration**  
**Effective between the dates of 03/23/2010 and Permit Expiration Date**

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

**Item 7.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: B-OILER

**Item 7.2:**

Compliance Demonstration 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: NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.50 percent by weight

Monitoring Frequency: PER DELIVERY

Averaging Method: 30-DAY ROLLING AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2010.

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

**Condition 8: Exemption from the averaging period.**  
**Effective between the dates of 03/23/2010 and Permit Expiration Date**

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

**Item 8.1:**

This Condition applies to Emission Unit: B-OILER

**Item 8.2:**

Compliance with emission limits and/or fuel oil sulfur limitations shall be based on a certification from the fuel supplier as stated in paragraph 40 CFR 60-Dc.48c(f)(1), (2), or (3) as applicable.

**Condition 9: Compliance Demonstration**



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**Applicable Federal Requirement:40CFR 60.43c(c), NSPS Subpart Dc**

**Item 9.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: B-OILER

**Item 9.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

On and after the date on which the initial performance test is completed or required to be completed under §60.8 of this part, whichever date comes first, no owner or operator of an affected facility that combusts coal, wood or oil and has a heat input capacity of 30 million BTU per hour or greater shall cause to be discharged into the atmosphere from an affected facility any gases that exhibit greater than 20 percent opacity (6-minute average), except for one 6-minute period per hour of not more than 27 percent opacity.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: DAILY

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2010.

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

**Condition 10: Compliance Demonstration**

**Effective between the dates of 03/23/2010 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 60.44c(h), NSPS Subpart Dc**

**Item 10.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: B-OILER

**Item 10.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

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THE FACILITY OWNER AND/OR OPERATOR MUST DEMONSTRATE COMPLIANCE WITH THE REQUIREMENTS OF 40 CFR 60.42c(h). FACILITIES DEMONSTRATING COMPLIANCE USING THE FUEL SUPPLIER CERTIFICATION, FOR SULFUR-IN-FUEL LIMITATIONS (BASED ON A PERCENT BY WEIGHT OF SULFUR IN THE FUEL), SHALL SUBMIT THE CERTIFICATION IN ACCORDANCE WITH THE PROVISIONS OF 40 CFR 60.48c(f)(1), (2), AND (3), AS APPLICABLE.

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.5 percent by weight

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 11: Exemption from sulfur dioxide monitoring requirements.  
Effective between the dates of 03/23/2010 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.46c(e), NSPS Subpart Dc**

**Item 11.1:**

This Condition applies to Emission Unit: B-OILER

**Item 11.2:**

Facilities subject to paragraphs 40 CFR 60-Dc.42c(h)(1), (2), or (3) showing compliance through vendor certification shall be exempt from section 40 CFR 60-Dc.46c.

**Condition 12: Emissions monitoring  
Effective between the dates of 03/23/2010 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.47c(c), NSPS Subpart Dc**

**Item 12.1:**

This Condition applies to Emission Unit: B-OILER

**Item 12.2:** Affected facilities that burn only distillate oil that contains no more than 0.5 weight percent sulfur and/or liquid or gaseous fuels with potential sulfur dioxide emission rates of 26 ng/J (0.06 lb/MMBtu) heat input or less and that do not use a post-combustion technology to reduce SO<sub>2</sub> or PM emissions are not required to operate a CEMS for measuring opacity if they follow the applicable procedures under 40 CFR 60.48c(f).

**Condition 13: Recordkeeping and reporting.  
Effective between the dates of 03/23/2010 and Permit Expiration Date**

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

**Item 13.1:**

This Condition applies to Emission Unit: B-OILER

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**Item 13.2:**

The facility shall maintain reports and records in accordance with the provisions of this section 40 CFR 60-Dc.48c.

**Condition 14: Compliance Demonstration**

**Effective between the dates of 03/23/2010 and Permit Expiration Date**

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

**Item 14.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: B-OILER

**Item 14.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each coal-fired, oil-fired, or wood-fired affected facility subject to the opacity limits under 40 CFR 60.43c(c) shall submit excess emission reports for any excess emissions from the affected facility that occur during the reporting period.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2010.

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

**Condition 15: Compliance Demonstration**

**Effective between the dates of 03/23/2010 and Permit Expiration Date**

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

**Item 15.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: B-OILER

Regulated Contaminant(s):

CAS No: 007446-09-5      SULFUR DIOXIDE

**Item 15.2:**

Compliance Demonstration 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

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percent reduction requirements under §60.42c shall submit semi-annual reports to the Administrator.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2010.

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

**Condition 16: Compliance Demonstration**

**Effective between the dates of 03/23/2010 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 60.48c(e)(1), NSPS Subpart Dc**

**Item 16.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: B-OILER

Regulated Contaminant(s):

CAS No: 007446-09-5      SULFUR DIOXIDE

**Item 16.2:**

Compliance Demonstration 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.

Calendar dates covered in the reporting period.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2010.

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

**Condition 17: Compliance Demonstration**

**Effective between the dates of 03/23/2010 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 60.48c(e)(2), NSPS Subpart Dc**

**Item 17.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: B-OILER

Regulated Contaminant(s):

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CAS No: 007446-09-5      SULFUR DIOXIDE

**Item 17.2:**

Compliance Demonstration 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 §60.43c shall keep records as required under §60.48c(d) including the following information.

Each 30-day average SO<sub>2</sub> emission rate, or 30-day average sulfur content (weight percent), calculated during the reporting period, ending with the last 30-day period in the quarter; reasons for any noncompliance with the emission standards; and a description of corrective action taken.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2010.

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

**Condition 18:      Compliance Demonstration**

**Effective between the dates of 03/23/2010 and Permit Expiration Date**

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

**Item 18.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: B-OILER

Regulated Contaminant(s):

CAS No: 007446-09-5      SULFUR DIOXIDE

**Item 18.2:**

Compliance Demonstration 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

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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.

The initial report is due 7/30/2010.

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

**Condition 19: Compliance Demonstration**

**Effective between the dates of 03/23/2010 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.48c(f)(1), NSPS Subpart Dc**

**Item 19.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: B-OILER

Regulated Contaminant(s):

CAS No: 007446-09-5      SULFUR DIOXIDE

**Item 19.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Fuel supplier certification shall include the following information for distillate oil:

i) The name of the oil supplier, and

ii) A statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in §60.41c. 60-Dc 41c defines distillate oil as fuel that complies with the specifications for fuel oil numbers 1 or 2, as defined by the American Society for Testing and Materials in ASTM D396-78, A standard Specification for Fuel Oils.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2010.

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

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**Condition 20: Fuel supplier certification**  
Effective between the dates of 03/23/2010 and Permit Expiration Date

**Applicable Federal Requirement: 40CFR 60.48c(f)(4), NSPS Subpart Dc**

**Item 20.1:**

This Condition applies to Emission Unit: B-OILER

**Item 20.2:**

Fuel supplier certification shall include the following information:

- (i) The name of the supplier of the fuel;
- (ii) The potential sulfur emissions rate of the fuel in ng/J heat input; and
- (iii) The method used to determine the potential sulfur emissions rate of the fuel.

**Condition 21: Alternative recordkeeping**  
Effective between the dates of 03/23/2010 and Permit Expiration Date

**Applicable Federal Requirement: 40CFR 60.48c(g)(2), NSPS Subpart Dc**

**Item 21.1:**

This Condition applies to Emission Unit: B-OILER

**Item 21.2:** As an alternative to meeting the requirements of 40 CFR 60.48c(g)(1), the owner or operator of an affected facility that combusts only natural gas, wood, fuels using fuel certification in 40 CFR 60.48c(f) to demonstrate compliance with the SO<sub>2</sub> standard, fuels not subject to an emissions standard (excluding opacity), or a mixture of these fuels may elect to record and maintain records of the amount of each fuel combusted during each calendar month.

**Condition 22: Compliance Demonstration**  
Effective between the dates of 03/23/2010 and Permit Expiration Date

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

**Item 22.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: B-OILER

**Item 22.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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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.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2010.

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

**Condition 23: Reporting period**

**Effective between the dates of 03/23/2010 and Permit Expiration Date**

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

**Item 23.1:**

This Condition applies to Emission Unit: B-OILER

**Item 23.2:** The reporting period for the reports required under this subpart is each six-month period. All reports shall be submitted to the Administrator and shall be postmarked by the 30th day following the end of the reporting period

**Condition 24: Capping Monitoring Condition**

**Effective between the dates of 03/23/2010 and Permit Expiration Date**

**Applicable Federal Requirement: 6 NYCRR 201-7.2**

**Item 24.1:**

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

6 NYCRR 201-6.1

**Item 24.2:**

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

**Item 24.3:**

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

**Item 24.4:**

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



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applicable requirement.

**Item 24.5:**

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

**Item 24.6:**

The Compliance Demonstration activity will be performed for:

Emission Unit: B-OILER

Process: OIL

Regulated Contaminant(s):

CAS No: 007446-09-5      SULFUR DIOXIDE

**Item 24.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC  
OPERATIONS

Monitoring Description:

FUEL SULFUR CONTENT SHALL BE LIMITED TO  
0.2% BY WT.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.2 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.

The initial report is due 7/30/2010.

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

**Condition 25:      Capping Monitoring Condition**

**Effective between the dates of 03/23/2010 and Permit Expiration Date**

**Applicable Federal Requirement: 6 NYCRR 201-7.2**

**Item 25.1:**

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

6 NYCRR 201-6.1 (a)

**Item 25.2:**

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

## Item 25.3:

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

## Item 25.4:

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

## Item 25.5:

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

## Item 25.6:

The Compliance Demonstration activity will be performed for:

Emission Unit: B-OILER

Process: OIL

Regulated Contaminant(s):

CAS No: 007446-09-5      SULFUR DIOXIDE

## Item 25.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

TO LIMIT EMISSIONS OF SULFUR DIOXIDE AT  
98.0 TONS/YR, FUEL OIL USAGE IN THE  
BOILERS IS LIMITED TO 6,901,000 GALLONS  
PER YEAR.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: NUMBER 2 OIL

Upper Permit Limit: 6901000 gallons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2010.

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

**Condition 26: Date of construction notification - If a COM is not used.**  
**Effective between the dates of 03/23/2010 and Permit Expiration Date**

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

**Item 26.1:**

This Condition applies to Emission Unit: E-GENRT

**Item 26.2:**

Any owner or operator subject to this part shall furnish the Administrator with the following information:

- 1) a notification of the date construction or reconstruction commenced, post marked no later than 30 days after such date;
- 3) a notification of the actual date of initial start up, post marked within 15 days after such date;
- 4) a notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless the change is specifically exempted under this part. The notice shall be post marked 60 days or as soon as practicable before the change is commenced and shall include information describing the precise nature of the change, present and proposed emission control systems, productive capability of the facility before and after the change, and the expected completion date of the change. The Administrator may request additional information regarding the change;
- 5) a notification of the date upon which the demonstration of continuous monitoring system performance commences, post marked not less than 30 days prior to such date;
- 6) a notification of the anticipated date for conducting the opacity observations, post marked not less than 30 days prior to such date.

**Condition 27: Recordkeeping requirements.**  
**Effective between the dates of 03/23/2010 and Permit Expiration Date**

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

**Item 27.1:**

This Condition applies to:

Emission Unit: BOILER

**Item 27.1:**

This Condition applies to Emission Unit: E-GENRT

**Item 27.2.3:**

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

**Condition 28: Excess Emissions Report**  
**Effective between the dates of 03/23/2010 and Permit Expiration Date**

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

**Item 28.1:**

This Condition applies to:

Emission Unit: BOILER

**Item 28.1:**

This Condition applies to Emission Unit: E-GENRT

**Item 28.2.3:**

A summary report form, for each pollutant monitored, shall be sent to the Administrator in the form prescribed in Figure 1 of 40 CFR Part 60.7(d).

**Condition 29: Facility files for subject sources.**  
**Effective between the dates of 03/23/2010 and Permit Expiration Date**

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

**Item 29.1:**

This Condition applies to:

Emission Unit: BOILER

**Item 29.1:**

This Condition applies to Emission Unit: E-GENRT

**Item 29.2.3:**

The following files shall be maintained at the facility for all affected sources: all measurements, including continuous monitoring systems, monitoring device, and performance testing measurements; all continuous monitoring system evaluations; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required by this part, recorded in permanent form suitable for inspection. The file shall be maintained for at least two years following the date of such measurements, reports, and records.

**Condition 30: Notification Similar to State or Local Agency**  
**Effective between the dates of 03/23/2010 and Permit Expiration Date**

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

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**Item 30.1:**

This Condition applies to Emission Unit: E-GENRT

**Item 30.2:**

If notification substantially similar to that in 40 CFR Part 60.7(a) is required by any other State or local agency, sending the Administrator a copy of that notification will satisfy the requirements of 40 CFR Part 60.7(a).

**Condition 31: Performance testing timeline.**

**Effective between the dates of 03/23/2010 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.8(a), NSPS Subpart A**

**Item 31.1:**

This Condition applies to Emission Unit: E-GENRT

**Item 31.2:**

Within 60 days after achieving the maximum production rate, but not later than 180 days after initial startup of the facility, the owner or operator of the facility shall conduct performance testing and provide the results of such tests, in a written report, to the Administrator.

**Condition 32: Circumvention.**

**Effective between the dates of 03/23/2010 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.12, NSPS Subpart A**

**Item 32.1:**

This Condition applies to:

Emission Unit: BOILER

**Item 32.1:**

This Condition applies to Emission Unit: E-GENRT

**Item 32.2.3:**

No owner or operator subject to the provisions of this part shall build, erect, install, or use any article, machine, equipment or process, the use of which conceals an emission which would otherwise constitute a violation of an applicable standard. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance with an opacity standard or with a standard which is based on the concentration of a pollutant in the gases discharged to the atmosphere.

**Condition 33: Applicability of facilities subject to Subpart JJJJ**

**Effective between the dates of 03/23/2010 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.4230(a)(4)(i), NSPS Subpart**

**JJJJ**

**Item 33.1:**

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This Condition applies to Emission Unit: E-GENRT

**Item 33.2:** The provisions of 40 CFR 60 Subpart JJJJ are applicable to manufacturers, owners, and operators of stationary spark ignition (SI) internal combustion engines (ICE) that commence construction after June 12, 2006, and where the stationary SI ICE are manufactured on or after July 1, 2007, for engines with a maximum engine power greater than or equal to 500 HP (except lean burn engines with a maximum engine power greater than or equal to 500 HP and less than 1,350 HP). For the purposes of this subpart, the date that construction commences is the date the engine is ordered by the owner or operator.

**Condition 34: Compliance Demonstration**  
**Effective between the dates of 03/23/2010 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.4233(e), NSPS Subpart JJJJ**

**Item 34.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: E-GENRT

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 34.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Owners and operators of stationary SI ICE with a maximum engine power greater than or equal to 75 KW (100 HP) (except gasoline and rich burn engines that use LPG) must comply with the emission standards listed below for their stationary SI ICE.

Upper Permit Limit: 4.0 grams per brake horsepower-hour

Reference Test Method: EPA Method 10

Monitoring Frequency: ANNUALLY

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 35: Compliance Demonstration**  
**Effective between the dates of 03/23/2010 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.4233(e), NSPS Subpart JJJJ**

**Item 35.1:**

The Compliance Demonstration activity will be performed for:

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Emission Unit: E-GENRT

Regulated Contaminant(s):

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

**Item 35.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Owners and operators of stationary SI ICE with a maximum engine power greater than or equal to 75 KW (100 HP) (except gasoline and rich burn engines that use LPG) must comply with the emission standards listed below for their stationary SI ICE.

Upper Permit Limit: 2.0 grams per brake horsepower-hour

Reference Test Method: EPA Method 7E

Monitoring Frequency: ANNUALLY

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 36: Compliance Demonstration**

**Effective between the dates of 03/23/2010 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.4233(e), NSPS Subpart JJJJ**

**Item 36.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: E-GENRT

Regulated Contaminant(s):

CAS No: 0NY998-00-0      VOC

**Item 36.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Owners and operators of stationary SI ICE with a maximum engine power greater than or equal to 75 KW (100 HP) (except gasoline and rich burn engines that use LPG) must comply with the emission standards listed below for their stationary SI ICE.

Upper Permit Limit: 1.0 grams per brake horsepower-hour

Reference Test Method: EPA Method 25

Monitoring Frequency: ANNUALLY

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

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**Condition 37: Compliance Demonstration**  
**Effective between the dates of 03/23/2010 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.4243(b)(2)(ii), NSPS Subpart JJJJ**

**Item 37.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: E-GENRT

**Item 37.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a stationary SI internal combustion engine greater than 500 HP must keep a maintenance plan and records of conducted maintenance and must, to the extent practicable, maintain and operate the engine in a manner consistent with good air pollution control practice for minimizing emissions. In addition an initial performance test must be performed and subsequent performance testing every 8,760 hours or 3 years, whichever comes first, thereafter to demonstrate compliance must also be conducted.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2011.

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

**Condition 38: Compliance Demonstration**  
**Effective between the dates of 03/23/2010 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.4243(g), NSPS Subpart JJJJ**

**Item 38.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: E-GENRT

**Item 38.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

It is expected that air-to-fuel ratio (AFR) controllers will be used with the operation of three-way catalysts/non-selective catalytic reduction. The AFR



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controller must be maintained and operated appropriately  
in order to ensure proper operation of the engine and  
control device to minimize emissions at all times.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2010.

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

**Condition 39: Test methods and procedures**  
**Effective between the dates of 03/23/2010 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.4244, NSPS Subpart JJJJ**

**Item 39.1:**

This Condition applies to Emission Unit: E-GENRT

**Item 39.2:**

Owners and operators of stationary SI ICE who conduct performance tests must follow the procedures in paragraphs (a) through (f) of 40 CFR 60.4244, including :

- Each performance test must be conducted within 10 percent of 100 percent peak (or the highest achievable) load and according to the requirements in §60.8 and under the specific conditions that are specified by Table 2 to this subpart.
- The performance tests shall not be conducted during periods of startup, shutdown, or malfunction, as specified in §60.8(c). If the stationary SI internal combustion engine is non-operational, the facility does not need to startup the engine solely to conduct a performance test, but must conduct the performance test immediately upon startup of the engine.
- The facility conduct three separate test runs for each performance test required in this section, as specified in §60.8(f). Each test run must be conducted within 10 percent of 100 percent peak (or the highest achievable) load and last at least 1 hour.

**Condition 40: Compliance Demonstration**  
**Effective between the dates of 03/23/2010 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.4245(a), NSPS Subpart JJJJ**

**Item 40.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: E-GENRT

**Item 40.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

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**Monitoring Description:**

Owners or operators of stationary SI ICE must meet the following notification, reporting and recordkeeping requirements.

- (1) All notifications submitted to comply with this subpart and all documentation supporting any notification.
- (2) Maintenance conducted on the engine.
- (3) If the stationary SI internal combustion engine is not a certified engine or is a certified engine operating in a non-certified manner and subject to §60.4243(a)(2), documentation that the engine meets the emission standards and information as required in 40 CFR parts 90, 1048, 1054, and 1060, as applicable.
- (4) If the stationary SI internal combustion engine is not a certified engine or is a certified engine operating in a non-certified manner and subject to §60.4243(a)(2), documentation that the engine meets the emission standards.

**Reporting Requirements: SEMI-ANNUALLY (CALENDAR)**

Reports due 30 days after the reporting period.

The initial report is due 7/30/2010.

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

**Condition 41: Performance test requirements**

**Effective between the dates of 03/23/2010 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.4245(d), NSPS Subpart JJJJ**

**Item 41.1:**

This Condition applies to Emission Unit: E-GENRT

**Item 41.2:** Owners and operators of stationary SI ICE that are subject to performance testing must submit a copy of each performance test as conducted in §60.4244 within 60 days after the test has been completed.

**Condition 42: New RICE at an area source of HAP**

**Effective between the dates of 03/23/2010 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 63.6590(a)(2), Subpart ZZZZ**

**Item 42.1:**

This Condition applies to Emission Unit: E-GENRT

**Item 42.2:**

A stationary reciprocating internal combustion engine (RICE) located at an area source of HAP

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emissions is new if construction or reconstruction commenced on or after June 12, 2006.

**Condition 43: Stationary RICE subject to regulations under 40 CFR Part**

**60**

**Effective between the dates of 03/23/2010 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 63.6590(c), Subpart ZZZZ**

**Item 43.1:**

This Condition applies to Emission Unit: E-GENRT

**Item 43.2:** An affected source that is a new or reconstructed stationary RICE located at an area source must meet the requirements of 40 CFR 63 Subpart ZZZZ by meeting the requirements of 40 CFR Part 60 Subpart JJJJ, for spark ignition engines. No further requirements apply for such engines under this part.

**Condition 44: Capping Monitoring Condition**

**Effective between the dates of 03/23/2010 and Permit Expiration Date**

**Applicable Federal Requirement:6 NYCRR 201-7.2**

**Item 44.1:**

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

6 NYCRR 201-6.1

**Item 44.2:**

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

**Item 44.3:**

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

**Item 44.4:**

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

**Item 44.5:**

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

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**Item 44.6:**

The Compliance Demonstration activity will be performed for:

Emission Unit: E-GENRT

Process: PWR

Regulated Contaminant(s):

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

**Item 44.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

CATALYTIC OXIDATION EMISSION CONTROLS  
SHALL BE INSTALLED, OPERATED, AND  
MAINTAINED ON THE GENERATORS IN  
ACCORDANCE WITH THE MANUFACTURER'S  
RECOMMENDATIONS. SOURCE TESTING OF POST  
CATALYST OXIDES OF NITROGEN STACK  
CONCENTRATIONS WILL BE COLLECTED.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.75 grams per brake horsepower-hour

Reference Test Method: EPA Method 7E

Monitoring Frequency: Once every three years

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 45:      Capping Monitoring Condition**

**Effective between the dates of 03/23/2010 and Permit Expiration Date**

**Applicable Federal Requirement: 6 NYCRR 201-7.2**

**Item 45.1:**

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

6 NYCRR 201-6.1

**Item 45.2:**

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

**Item 45.3:**

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart,

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during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

## Item 45.4:

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

## Item 45.5:

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

## Item 45.6:

The Compliance Demonstration activity will be performed for:

Emission Unit: E-GENRT

Process: PWR

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

## Item 45.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

CATALYTIC OXIDATION EMISSION CONTROLS  
SHALL BE INSTALLED, OPERATED, AND  
MAINTAINED ON THE GENERATORS IN  
ACCORDANCE WITH THE MANUFACTURER'S  
RECOMMENDATIONS. SOURCE EMISSION TESTING  
AND PERIODIC MONITORING OF POST CATALYST  
CARBON MONOXIDE STACK CONCENTRATIONS WILL  
BE COLLECTED AND RECORDED MONTHLY.

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 1.28 grams per brake horsepower-hour

Reference Test Method: EPA Method 10

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE



**STATE ONLY ENFORCEABLE CONDITIONS**

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

**NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**

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

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

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

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

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

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

**STATE ONLY APPLICABLE REQUIREMENTS**

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

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**Condition 46: Contaminant List**

**Effective between the dates of 03/23/2010 and Permit Expiration Date**

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

**Item 46.1:**

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: 0NY210-00-0

Name: OXIDES OF NITROGEN

CAS No: 0NY998-00-0

Name: VOC

**Condition 47: Unavoidable noncompliance and violations**

**Effective between the dates of 03/23/2010 and Permit Expiration Date**

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

**Item 47.1:**

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

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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 superseded by conditions elsewhere in this permit which contain reporting and notification provisions for applicable requirements more stringent than those above.

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

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

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

## **Condition 48: Emission Unit Definition**

**Effective between the dates of 03/23/2010 and Permit Expiration Date**

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

### **Item 48.1:**

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

Emission Unit: B-OILER

Building(s): POWERHOUSE

### **Item 48.2:**

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

Emission Unit: E-GENRT

Building(s): POWERHOUSE

## **Condition 49: Air pollution prohibited**

**Effective between the dates of 03/23/2010 and Permit Expiration Date**

**Applicable State Requirement:6 NYCRR 211.2**

### **Item 49.1:**

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.

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

**Condition 50: Emission Point Definition By Emission Unit**  
**Effective between the dates of 03/23/2010 and Permit Expiration Date**

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

**Item 50.1:**

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

Emission Unit: B-OILER

Emission Point: 00001

Height (ft.): 68

Diameter (in.): 36

NYTMN (km.): 4949.8

NYTME (km.): 501.4

Building:

POWERHOUSE

Emission Point: 00002

Height (ft.): 68

Diameter (in.): 36

NYTMN (km.): 4949.8

NYTME (km.): 501.4

Building:

POWERHOUSE

**Item 50.2:**

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

Emission Unit: E-GENRT

Emission Point: 00003

Height (ft.): 58

Diameter (in.): 22

Emission Point: 00004

Height (ft.): 58

Diameter (in.): 22

**Condition 51: Process Definition By Emission Unit**  
**Effective between the dates of 03/23/2010 and Permit Expiration Date**

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

**Item 51.1:**

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

Emission Unit: B-OILER

Process: GAS

Source Classification Code: 1-03-006-02

Emission Source/Control: BLR01 - Combustion

Emission Source/Control: BLR02 - Combustion

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**Item 51.2:**

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

Emission Unit: B-OILER

Process: OIL

Source Classification Code: 1-03-005-01

Emission Source/Control: BLR01 - Combustion

Emission Source/Control: BLR02 - Combustion

**Item 51.3:**

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

Emission Unit: E-GENRT

Process: PWR

Source Classification Code: 2-01-002-02

Emission Source/Control: GEN01 - Combustion

Emission Source/Control: GEN02 - Combustion

Emission Source/Control: CAT01 - Control

Control Type: CATALYTIC OXIDATION

Emission Source/Control: CAT02 - Control

Control Type: CATALYTIC OXIDATION

