



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

**IDENTIFICATION INFORMATION**

Permit Type: Air State Facility  
Permit ID: 3-1399-00055/00004  
Mod 0 Effective Date: 04/13/1999 Expiration Date: No expiration date.  
Mod 1 Effective Date: 01/23/2002 Expiration Date: No expiration date.  
Mod 2 Effective Date: 04/20/2007 Expiration Date: No expiration date.  
Mod 3 Effective Date: 05/08/2007 Expiration Date: No expiration date.  
Mod 4 Effective Date: 09/28/2009 Expiration Date: No expiration date.  
Mod 5 Effective Date: 06/10/2013 Expiration Date: No expiration date.

Permit Issued To: NYS DEPT OF CORRECTIONS AND COMMUNITY SUPERVISION  
BLDG 2 - STATE OFFICE BUILDING CAMPUS  
1220 WASHINGTON AVE  
ALBANY, NY 12226-2050

Contact: KEITH D RUPERT  
NYS DEPT OF CORRECTIONAL SERVICES  
1220 WASHINGTON AVE  
ALBANY, NY 12226  
(518) 485-5576

Facility: FISHKILL DOWNSTATE CORRECTIONAL FACILITY  
271 MATTEAWAN RD | RED SCHOOLHOUSE RD  
BEACON, NY 12508

**Description:**

Fishkill/Downstate Correctional Facility is located in Dutchess County, NY. Heating needs are met by the operation of four 55 mmBTU/hr boilers (00B01, 00B02, 00B03, 00B04) firing natural gas, with No. 6 fuel oil as backup. There are 2 paint spray booths (00S01, 00S02) and welding stations for metal beds, cell furnishings and security items manufacturing. The facility also operates six generators (emission unit 0-EGENS) in the emergency demand response program and a number of exempt/trivial sources including small combustion sources (1500 kw emergency generator exempt in accordance with 6 NYCRR 201-3.2(c)(6) and 40 CFR §60.4200), storage tanks and maintenance/vocational activities.

Facilities emissions (NOx, CO, SO2) have been capped below major stationary source threshold as defined by permit conditions under 6 NYCRR Part 201-7. Furthermore, VOC emissions have been capped at a maximum of 8 tons per year. This governing limit shall qualify the facility as exempt from 6 NYCRR 228 applicability, as well as major stationary source status. The facility is subject to monitoring and reporting requirements under 6

**New York State Department of Environmental Conservation**  
**Facility DEC ID: 3139900055**



NYCRR Parts 201, 227, and New Source Performance Standards 40 CFR 60 Subpart Dc and IIII. Although 6 NYCRR Subpart 225 sulfur-in-fuel regulations apply, more stringent requirements under 40 CFR 60 Subpart Dc and IIII govern. The facility is not subject to 40 CFR 63 Subpart RRRR (§63.4881(b)), 40 CFR 60 Subpart EE (§60.310(b)), and 6 NYCRR Subpart 228 (§228.1(b)(4)).

The Standard Industrial Classification representative of this facility is 9223 - Correctional Institutions.

**Modification 5**

The facility's emissions of greenhouse gases is capped below major stationary source threshold with an emission limit of 198,000,000 pounds carbon dioxide equivalents per year. The modification also includes the addition of a general applicability condition for EPA's area source boiler MACT (40 CFR 63 Subpart JJJJJ) and minor administrative changes to update permit format.

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:       GEORGE A SWEIKERT  
                                      NYSDEC  
                                      21 S PUTT CORNERS RD  
                                      NEW PALTZ, NY 12561-1696

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
- 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
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  - Applications for Permit Renewals and Modifications
  - Permit Modifications, Suspensions and Revocations by the Department
  - Permit Modifications, Suspensions, and Revocations by the Department

#### **Facility Level**

- Submission of Applications for Permit Modification or Renewal-REGION 3 HEADQUARTERS
- Submission of Applications for Permit Modification or Renewal-REGION 3 HEADQUARTERS
- Submission of application for permit modification or renewal-REGION 3 HEADQUARTERS



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

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

**Item 1-1.1:**

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 1-1.2:**

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 1-1.3:**

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 1: Facility Inspection by the Department**  
**Applicable State Requirement: ECL 3-0301 (2) (g)**

**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. Failure to produce a copy of the permit upon request by a Department representative is a violation of this permit.

**Condition 2: Relationship of this Permit to Other Department Orders and Determinations**  
**Applicable State Requirement: ECL 3-0301 (2) (m)**

**Item 2.1:**

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



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

**Item 2-1.1:**

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

**Item 2-1.2:**

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

**Item 2-1.3:**

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

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

**Item 2-2.1:**

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

**Item 2-2.2:**

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

**Item 2-2.3:**

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

**Condition 4-1: Permit modifications, suspensions or revocations by the Department**

**Applicable State Requirement: 6 NYCRR 621.13**

**Replaces Condition(s) 2-3**

**Item 4-1.1:**

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 2-3: Permit modifications, suspensions or revocations by the Department**

**Applicable State Requirement: 6 NYCRR 621.13**

**Replaced by Condition(s) 4-1**

**Item 2-3.1:**

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

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

**Condition 5-1: Permit modifications, suspensions or revocations by the Department**

**Applicable State Requirement: 6 NYCRR 621.13**

**Item 5-1.1:**

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 3: Applications for Permit Renewals and Modifications**

**Applicable State Requirement: 6 NYCRR 621.13 (a)**

**Item 3.1:**

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



**Item 3.2:**

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

**Condition 2-4: Permit Modifications, Suspensions and Revocations by the Department**

**Applicable State Requirement: 6 NYCRR 621.14**

**Item 2-4.1:**

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

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

**Condition 4: Permit Modifications, Suspensions, and Revocations by the Department**

**Applicable State Requirement: 6 NYCRR 621.14**

**Item 4.1:**

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

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

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

**Condition 5: Submission of Applications for Permit Modification or Renewal-REGION 3 HEADQUARTERS**

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

**Expired by Mod No: 4**

**Item 5.1:**

Submission of applications for permit modification or renewal are to be submitted to:  
NYSDEC Regional Permit Administrator  
Region 3 Headquarters



**New York State Department of Environmental Conservation**  
**Facility DEC ID: 3139900055**



Division of Environmental Permits  
21 South Putt Corners Road  
New Paltz, NY 12561-1696  
(914) 256-3054

**Condition 1-2: Submission of Applications for Permit Modification or  
Renewal-REGION 3**

**HEADQUARTERS**

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

**Item 1-2.1:**

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

NYSDEC Regional Permit Administrator  
Region 3 Headquarters  
Division of Environmental Permits  
21 South Putt Corners Road  
New Paltz, NY 12561-1696  
(845) 256-3054

**Condition 2-5: Submission of application for permit modification or  
renewal-REGION 3**

**HEADQUARTERS**

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

**Expired by Mod No: 4**

**Item 2-5.1:**

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

NYSDEC Regional Permit Administrator  
Region 3 Headquarters  
Division of Environmental Permits  
21 South Putt Corners Road  
New Paltz, NY 12561-1696  
(845) 256-3054

**New York State Department of Environmental Conservation**

**Permit ID: 3-1399-00055/00004**

**Facility DEC ID: 3139900055**



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

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

**PERMIT**

**IDENTIFICATION INFORMATION**

Permit Issued To: NYS DEPT OF CORRECTIONS AND COMMUNITY SUPERVISION  
BLDG 2 - STATE OFFICE BUILDING CAMPUS  
1220 WASHINGTON AVE  
ALBANY, NY 12226-2050

Facility: FISHKILL DOWNSTATE CORRECTIONAL FACILITY  
271 MATTEAWAN RD | RED SCHOOLHOUSE RD  
BEACON, NY 12508

Authorized Activity By Standard Industrial Classification Code:  
9223 - CORRECTIONAL INSTITUTIONS

Mod 0 Permit Effective Date: 04/13/1999  
date.

Permit Expiration Date: No expiration

Mod 1 Permit Effective Date: 01/23/2002  
date.

Permit Expiration Date: No expiration

Mod 2 Permit Effective Date: 04/20/2007  
date.

Permit Expiration Date: No expiration

Mod 3 Permit Effective Date: 05/08/2007  
date.

Permit Expiration Date: No expiration

Mod 4 Permit Effective Date: 09/28/2009  
date.

Permit Expiration Date: No expiration

Mod 5 Permit Effective Date: 06/10/2013  
date.

Permit Expiration Date: No expiration



## LIST OF CONDITIONS

### FEDERALLY ENFORCEABLE CONDITIONS

#### Facility Level

- 10 6 NYCRR 201-1.10 (a): Public Access to Recordkeeping
- 5-1 6 NYCRR Subpart 201-7: Facility Permissible Emissions
- \*5-2 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*5-3 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*5-4 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*5-5 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*5-6 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 5-7 6 NYCRR 211.1: Air pollution prohibited
- 4-3 6 NYCRR 227-1.3: Compliance Demonstration
- 4-4 40CFR 60, NSPS Subpart A: Compliance Demonstration
- 4-5 40CFR 60.13, NSPS Subpart A: Compliance Demonstration
- 4-6 40CFR 60.42c(d), NSPS Subpart Dc: Compliance Demonstration
- 4-7 40CFR 60.42c(g), NSPS Subpart Dc: Compliance Demonstration
- 4-8 40CFR 60.42c(i), NSPS Subpart Dc: Compliance Demonstration
- 4-9 40CFR 60.43c(c), NSPS Subpart Dc: Compliance Demonstration
- 4-10 40CFR 60.43c(d), NSPS Subpart Dc: Compliance Demonstration
- 4-11 40CFR 60.44c(g), NSPS Subpart Dc: Compliance Demonstration
- 4-12 40CFR 60.46c(d)(2), NSPS Subpart Dc: Compliance Demonstration
- 4-13 40CFR 60.47c, NSPS Subpart Dc: Compliance Demonstration
- 4-14 40CFR 60.48c, NSPS Subpart Dc: Compliance Demonstration
- 4-15 40CFR 60.4204(b), NSPS Subpart IIII: Compliance Demonstration
- 4-16 40CFR 60.4206, NSPS Subpart IIII: Compliance Demonstration
- 4-17 40CFR 60.4207, NSPS Subpart IIII: Compliance Demonstration
- 4-18 40CFR 60.4209, NSPS Subpart IIII: Compliance Demonstration
- 4-19 40CFR 60.4210(c), NSPS Subpart IIII: Compliance Demonstration
- 5-8 40CFR 63, Subpart JJJJJ: Applicability

#### Emission Unit Level

#### EU=0-0MAIN

- 25 40CFR 60.48c(f)(2), NSPS Subpart Dc: Compliance Demonstration

### STATE ONLY ENFORCEABLE CONDITIONS

#### Facility Level

- 2-17 ECL 19-0301: Contaminant List
- 5-9 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 4-20 6 NYCRR 201-1.4: Unavoidable noncompliance and violations
- 32 6 NYCRR Subpart 201-5: Emission Unit Definition
- 4-21 6 NYCRR Subpart 201-5: Compliance Demonstration
- 5-10 6 NYCRR 201-5.2 (c): Renewal deadlines for state facility permits
- 5-11 6 NYCRR 201-5.3 (c): Compliance Demonstration
- 4-22 6 NYCRR 211.2: Air pollution prohibited
- 5-12 6 NYCRR 211.2: Visible Emissions Limited
- 4-23 6 NYCRR 227-1.2 (a) (2): Compliance Demonstration

#### Emission Unit Level

- 36 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
- 37 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**

# New York State Department of Environmental Conservation

Permit ID: 3-1399-00055/00004

Facility DEC ID: 3139900055



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: 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 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.

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

**Condition 10: Public Access to Recordkeeping**



# New York State Department of Environmental Conservation

Permit ID: 3-1399-00055/00004

Facility DEC ID: 3139900055



**Effective between the dates of 04/13/1999 and Permit Expiration Date**

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

## **Item 10.1:**

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

## **Condition 5-1: Facility Permissible Emissions**

**Effective between the dates of 06/10/2013 and Permit Expiration Date**

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

## **Item 5-1.1:**

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:

per year	CAS No: 000630-08-0 (From Mod 5)	PTE: 190,000 pounds
	Name: CARBON MONOXIDE	
per year	CAS No: 007446-09-5 (From Mod 5)	PTE: 190,000 pounds
	Name: SULFUR DIOXIDE	
per year	CAS No: 0NY210-00-0 (From Mod 5)	PTE: 190,000 pounds
	Name: OXIDES OF NITROGEN	
pounds per year	CAS No: 0NY750-00-0 (From Mod 5)	PTE: 198,000,000
	Name: CARBON DIOXIDE EQUIVALENTS	
per year	CAS No: 0NY998-00-0 (From Mod 5)	PTE: 16,000 pounds
	Name: VOC	

## **Condition 5-2: Capping Monitoring Condition**

**Effective between the dates of 06/10/2013 and Permit Expiration Date**

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

## **Item 5-2.1:**

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

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

6 NYCRR 201-6.1

**Item 5-2.2:**

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

**Item 5-2.3:**

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 5-2.4:**

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 5-2.5:**

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 5-2.6:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 5-2.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Carbon Monoxide (CO) emissions will be limited to 95 tons per year. The facility shall utilize the following mathematical relationship to determine compliance;

$$[(0.006 \text{ lbs CO/hp-hr} * \text{total hp (GEN01, GEN03, GEN04)} * \text{annual operating hours}) + (0.001 \text{ lbs CO/hp-hr} * \text{total hp (GEN05, GEN06, GEN07)} * \text{annual operating hours}) + 5 \text{ lbs CO (per } 10^3 \text{ gals No. 6 fired by Central Heating Plant)} + 84 \text{ lbs CO (per } 10^6 \text{ cf natural gas fired by Central Heating}$$

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Plant) + 5 lbs CO (per 10<sup>3</sup> gallons No. 2 fuel oil/ Diesel fired by exempt sources) + 7.5 lbs CO (per 10<sup>3</sup> gallons propane fired by exempt sources))/2000] < 95 tons per year

GEN01 is 500 KW

GEN03 is 1250 KW

GEN04 is 1250 KW

GEN05 is 1250 KW

GEN06 is 1250 KW

GEN07 is 1250 KW

\*Generators burn diesel fuel

\*Central Heating Plant consists of four 55 MMBtu/hr boilers capable of firing No. 6 fuel and natural gas.

\*Exempt sources consist of a 1500 kw generator, small boilers, furnaces, and hot water heaters firing No. 2 oil/ Diesel fuel/ propane.

**References;**

Ap-42 Table 3.4-1 (>600 hp or > 447 kw) GEN01, GEN03, GEN04

Manufacturer's emission factors for GEN04, GEN05, GEN06

AP-42 Table 1.3-1 No. 6 oil/ No. 2 oil/ Diesel

AP-42 Table 1.4-1 Natural Gas

AP-42 Table 1.5-1 Propane

\*1.341 hp=1kw

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 95 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

**Condition 5-3: Capping Monitoring Condition**

**Effective between the dates of 06/10/2013 and Permit Expiration Date**

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

**Item 5-3.1:**

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

6 NYCRR Subpart 227-2

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## Item 5-3.2:

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

## Item 5-3.3:

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 5-3.4:

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 5-3.5:

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 5-3.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

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

## Item 5-3.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Oxides of Nitrogen (NO<sub>x</sub>) emissions will be limited to 95 tons per year. The facility shall utilize the following mathematical relationship to determine compliance;

$$\begin{aligned} & [((0.024 \text{ lbs NO}_x/\text{hp-hr} * \text{total hp (GEN01, GEN03, GEN04)} * \\ & \text{annual operating hours)} + (0.0096 \text{ lbs NO}_x/\text{hp-hr} * \text{total} \\ & \text{hp (GEN05, GEN06, GEN07)} * \text{annual operating hours)} + 55 \\ & \text{lbs NO}_x \text{ (per } 10^3 \text{ gals No. 6 fired by Central Heating} \\ & \text{Plant)} + 50 \text{ lbs NO}_x \text{ (per } 10^6 \text{ cf natural gas fired by} \\ & \text{Central Heating Plant)} + 20 \text{ lbs NO}_x \text{ (per } 10^3 \text{ gallons No.} \\ & \text{2 fuel oil/ Diesel fired by exempt sources)} + 13 \text{ lbs NO}_x \\ & \text{(per } 10^3 \text{ gallons propane fired by exempt sources)})/2000] \\ & < 95 \text{ tons per year} \end{aligned}$$

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GEN01 is 500 KW

GEN03 is 1250 KW

GEN04 is 1250 KW

GEN05 is 1250 KW

GEN06 is 1250 KW

GEN07 is 1250 KW

\*Generators burn diesel fuel

\*Central Heating Plant consists of four 55 MMBtu/hr  
boilers capable of firing No. 6 fuel and natural  
gas.

\*Exempt sources consist of a 1500 kw generator, small  
boilers, furnaces, and hot water heaters firing No. 2 oil/  
Diesel fuel/ propane.

**References;**

Ap-42 Table 3.4-1 (>600 hp or > 447 kw) GEN01, GEN03,  
GEN04

Manufacturer's emission factors for GEN04, GEN05, GEN06

AP-42 Table 1.3-1 No. 6 oil/ No. 2 oil/ Diesel

AP-42 Table 1.4-1 Natural Gas

AP-42 Table 1.5-1 Propane

\*1.341 hp=1kw

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 95 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

**Condition 5-4: Capping Monitoring Condition**

**Effective between the dates of 06/10/2013 and Permit Expiration Date**

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

**Item 5-4.1:**

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 5-4.2:**

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

**Item 5-4.3:**

The owner or operator of the permitted facility must maintain all required records on-site for a

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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 5-4.4:

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 5-4.5:

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 5-4.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5      SULFUR DIOXIDE

## Item 5-4.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Sulfur Dioxide (SO<sub>2</sub>) emissions will be limited to 95 tons per year. The facility shall utilize the following mathematical relationship to determine compliance;

$$[(0.000012 \text{ lbs SO}_2/\text{hp-hr} * \text{total hp (GEN01, GEN03, GEN04, GEN05, GEN06, GEN07)} * \text{annual operating hours}) + 78.5 \text{ lbs SO}_2 \text{ (per } 10^3 \text{ gals No. 6 fired by Central Heating Plant)} + 0.6 \text{ lbs SO}_2 \text{ (per } 10^6 \text{ cf natural gas fired by Central Heating Plant)} + 71 \text{ lbs SO}_2 \text{ (per } 10^3 \text{ gallons No. 2 fuel oil/ Diesel fired by exempt sources)} + 0.05 \text{ lbs SO}_2 \text{ (per } 10^3 \text{ gallons propane fired by exempt sources)})/2000] < 95 \text{ tons per year}$$

\*All six generators shall burn diesel fuel complying with 40 CFR 60 Subpart IIII.4207 sulfur-in-fuel standards.

GEN01 is 500 KW

GEN03 is 1250 KW

GEN04 is 1250 KW

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GEN05 is 1250 KW

GEN06 is 1250 KW

GEN07 is 1250 KW

\*Generators burn diesel fuel

\*Central Heating Plant consists of four 55 MMBtu/hr  
boilers capable of firing No. 6 fuel and natural  
gas.

\*Exempt sources consist of a 1500 kw generator, small  
boilers, furnaces, and hot water heaters firing No. 2 oil/  
Diesel fuel/ propane.

**References;**

Ap-42 Table 3.4-1 (>600 hp or > 447 kw) GEN01, GEN03,  
GEN04

Manufacturer's emission factors for GEN04, GEN05, GEN06

AP-42 Table 1.3-1 No. 6 oil/ No. 2 oil/ Diesel

AP-42 Table 1.4-1 Natural Gas

AP-42 Table 1.5-1 Propane

\*S=0.5 No. 6 Oil

\*S=0.0015 Diesel (15 ppm) beginning June 1, 2010

\*1.341 hp=1kw

Parameter Monitored: SULFUR DIOXIDE

Upper Permit Limit: 95 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

**Condition 5-5: Capping Monitoring Condition**

**Effective between the dates of 06/10/2013 and Permit Expiration Date**

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

**Item 5-5.1:**

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

6 NYCRR Subpart 228-1

**Item 5-5.2:**

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

**Item 5-5.3:**

The owner or operator of the permitted facility must maintain all required records on-site for a

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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 5-5.4:

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 5-5.5:

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 5-5.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY998-00-0      VOC

## Item 5-5.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Volatile Organic Compound (VOC) emissions will be limited to maximum 8 tons per year. The facility shall utilize the following mathematical relationship to determine compliance;

$$[(\text{lbs VOC content per gallon of paint} * \text{annual gallons of paint used in Spray Booth 1 \& 2}) + (\text{lbs VOC content per gallon of thinner} * \text{annual gallons of thinner used in Spray Booth 1 \& 2})] / 2000 < 8 \text{ tons per year}$$

Parameter Monitored: VOLUME

Upper Permit Limit: 8 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

## Condition 5-6:      Capping Monitoring Condition

Effective between the dates of 06/10/2013 and Permit Expiration Date





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

**Item 5-6.1:**

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 5-6.2:**

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

**Item 5-6.3:**

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 5-6.4:**

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 5-6.5:**

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 5-6.6:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY750-00-0 CARBON DIOXIDE EQUIVALENTS

**Item 5-6.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Greenhouse gas (GHG) emissions from the facility shall not exceed 198,000,000 pounds carbon dioxide equivalents in any consecutive 12 month period. GHG emissions shall be based on the following mathematical

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relationship.

(GHG emission factor for oil fired boilers)(oil fired by central heating plant and exempt boilers) + (GHG emission factor for natural gas fired boilers)(natural gas fired by central heating plant fired boilers) + (GHG emission factor for diesel fired engines)(diesel fired by engines) + (GHG emission factor)(propane fired in exempt sources) < 198,000,000 pounds per year

The emission factors used will be obtained from authorized sources (e.g. AP-42). Fuel use records must be maintained on-site for a minimum of 10 years.

Parameter Monitored: FUEL

Upper Permit Limit: 198000000 pounds per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

**Condition 5-7: Air pollution prohibited**

**Effective between the dates of 06/10/2013 and Permit Expiration Date**

**Applicable Federal Requirement:6 NYCRR 211.1**

**Item 5-7.1:**

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

**Condition 4-3: Compliance Demonstration**

**Effective between the dates of 09/28/2009 and Permit Expiration Date**

**Applicable Federal Requirement:6 NYCRR 227-1.3**

**Replaces Condition(s) 2-14**

**Item 4-3.1:**

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: 0-0MAIN

Emission Point: 00001

Emission Unit: O-EGENS

Emission Point: 00003

Emission Unit: O-EGENS

Emission Point: 00005

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Emission Unit: O-EGENS Emission Point: 00006

Emission Unit: O-EGENS Emission Point: 00007

Emission Unit: O-EGENS Emission Point: 00008

Emission Unit: O-EGENS Emission Point: 00009

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

## Item 4-3.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No person shall operate a permitted or exempt stationary combustion source which exhibits greater than 20 percent opacity (6 min average), except for one six minute period per hour of not more than 27 percent opacity, utilizing a continuous opacity monitor (COM). The Department reserves the right to perform or require the performance of a Method 9 evaluation.

Process Material: FUEL

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

## Condition 4-4: Compliance Demonstration

Effective between the dates of 09/28/2009 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60, NSPS Subpart A

## Item 4-4.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: 0-0MAIN Emission Point: 00001  
Process: OIL Emission Source: 00B01

Emission Unit: 0-0MAIN Emission Point: 00001  
Process: OIL Emission Source: 00B02

Emission Unit: 0-0MAIN Emission Point: 00001  
Process: OIL Emission Source: 00B03

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Emission Unit: 0-0MAIN  
Process: OIL

Emission Point: 00001  
Emission Source: 00B04

Emission Unit: O-EGENS  
Process: DIS

Emission Point: 00007  
Emission Source: GEN05

Emission Unit: O-EGENS  
Process: DIS

Emission Point: 00008  
Emission Source: GEN06

Emission Unit: O-EGENS  
Process: DIS

Emission Point: 00009  
Emission Source: GEN07

**Item 4-4.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

General Provisions;

**§60.7(b)**

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.

**§60.7(c) \*Applicable only to Emission Unit:**

**0-0MAIN\***

Affected owners or operators shall submit an excess emissions report and/or a summary report form (as defined in 40 CFR 60.7(d)) semi-annually (or more frequently as required by the applicable Subpart or the Administrator), to the Administrator. These reports shall be post marked no later than 30 days after each six (6) month period (or as appropriate), and shall contain the following information:

1) the magnitude of excess emissions computed, any conversion factors used, the date and time of each occurrence, and the process operating time during the reporting period;

2) specific identification of each period of excess emissions that occur during startup, shutdown, or malfunction, where the nature, cause, and corrective action are provided for a malfunction;



3) the date and time identifying each period during which the continuous monitoring system was inoperative except for zero and span checks and the nature of the system repairs or adjustments; and

4) when no excess emissions have occurred or when the continuous monitoring system(s) have not been inoperative, repaired, or adjusted, such information shall be provided in the report.

§60.7(d) \*Applicable only to Emission Unit: 0-0MAIN\*  
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).

§60.7(f) \*Applicable only to Emission Unit: 0-0MAIN\*  
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 performance evaluations; all continuous 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 inspections. The file shall be maintained for at least two years following the date of such measurements, reports, and records.

§60.8(b)  
Performance testing shall be conducted in accordance with the methods and procedures prescribed in 40 CFR Part 60 unless the Administrator (1) specifies or approves, in specific cases, the use of a reference method with minor changes in methodology, (2) approves the use of an equivalent method, (3) approves the use of an alternate method the results of which he has determined to be adequate for indicating whether a specific source is in compliance, (4) waives the requirement for performance tests because the owner or operator of a source has demonstrated by other means to the Administrator's satisfaction that the affected facility is in compliance with the standard, or (5) approves shorter sampling times and smaller sample volumes when necessitated by process



variables or other factors.

**§60.8(d)**

The owner or operator shall provide the Administrator with prior notice of any performance test at least 30 days in advance of testing.

**§60.9**

The availability to the public of information provided to, or otherwise obtained by, the Administrator under this part shall be governed by 40 CFR Part 2.

**§60.11**

The following conditions shall be used to determine compliance with the opacity standards:

1) observations shall be conducted in accordance with Reference Method 9, in Appendix A of 40 CFR Part 60 (or an equivalent method approved by the Administrator including continuous opacity monitors);

2) the opacity standards apply at all times except during periods of start up, shutdown, and malfunction; and

3) all other applicable conditions cited in section 60.11 of this part.

**§60.11(d)**

At all times, including periods of startup, shutdown, and malfunction, owners and operators of this facility shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Department and the Administrator which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.

**§60.12**

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.

§60.14

Within 180 days of the completion of any physical or operational change (as defined in section 60.14), compliance with the applicable standards must be achieved.

§60.15

The following shall be submitted to the Administrator prior to reconstruction (as defined in section 60.15):

- 1) a notice of intent to reconstruct 60 days prior to the action;
- 2) name and address of the owner or operator;
- 3) the location of the existing facility;
- 4) a brief description of the existing facility and the components to be replaced;
- 5) a description of the existing air pollution control equipment and the proposed air pollution control equipment;
- 6) an estimate of the fixed capital cost of the replacements and of constructing a comparable entirely new facility;
- 7) the estimated life of the facility after the replacements; and
- 8) a discussion of any economic or technical limitations the facility may have in complying with the applicable standards of performance after the proposed replacements.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 4-5: Compliance Demonstration**

**Effective between the dates of 09/28/2009 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.13, NSPS Subpart A**

**Item 4-5.1:**

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

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Emission Unit: 0-0MAIN  
Process: OIL

Emission Point: 00001  
Emission Source: 00B01

Emission Unit: 0-0MAIN  
Process: OIL

Emission Point: 00001  
Emission Source: 00B02

Emission Unit: 0-0MAIN  
Process: OIL

Emission Point: 00001  
Emission Source: 00B03

Emission Unit: 0-0MAIN  
Process: OIL

Emission Point: 00001  
Emission Source: 00B04

**Item 4-5.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

§60.13 Monitoring requirements

Fishkills Downstate Correctional Facility's four 55 mmBTU/hr boilers are subject to the applicable provisions of 40 CFR 60.13. The facility is responsible for complying with all applicable technical, administrative and reporting requirements.

For the purposes of this section, all continuous monitoring systems required under applicable subparts shall be subject to the provisions of this section upon promulgation of performance specifications for continuous monitoring systems under Appendix B, Performance Specification 1, to this part.

The facility shall conduct COMS performance evaluations as may be required by the Department under section 114 of the Act.

The facility shall automatically, intrinsic to the opacity monitor, check the zero and upscale (span) calibration drifts at least once daily. For a particular COMS, the acceptable range of zero and upscale calibration materials is as defined in the applicable version of PS-1 in appendix B of this part. For a COMS, the optical surfaces, exposed to the effluent gases, must be cleaned before performing the zero and upscale drift adjustments, except for systems using automatic zero adjustments. The optical surfaces must be cleaned when the cumulative automatic zero compensation exceeds 4 percent opacity.

Unless otherwise approved by the Administrator, the following procedures must be followed for a COMS. Minimum procedures must include an automated method for producing



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a simulated zero opacity condition and an upscale opacity condition using a certified neutral density filter or other related technique to produce a known obstruction of the light beam. Such procedures must provide a system check of all active analyzer internal optics with power or curvature, all active electronic circuitry including the light source and photodetector assembly, and electronic or electro-mechanical systems and hardware and or software used during normal measurement operation.

Except for system breakdowns, repairs, calibration checks, and zero and span adjustments, all continuous monitoring systems shall be in continuous operation and shall meet minimum frequency of operation requirements as follows:

All continuous monitoring systems for measuring opacity of emissions shall complete a minimum of one cycle of sampling and analyzing for each successive 10-second period and one cycle of data recording for each successive 6-minute period.

All continuous monitoring systems or monitoring devices shall be installed such that representative measurements of emissions or process parameters from the affected facility are obtained. Additional procedures for location of continuous monitoring systems contained in the applicable Performance Specifications of appendix B of this part shall be used.

Process Material: NUMBER 6 OIL

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 4-6: Compliance Demonstration**

**Effective between the dates of 09/28/2009 and Permit Expiration Date**

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

**Replaces Condition(s) 3-1**

**Item 4-6.1:**

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: 0-0MAIN

Process: OIL

Emission Source: 00B01

Emission Unit: 0-0MAIN

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Process: OIL

Emission Source: 00B02

Emission Unit: 0-0MAIN

Process: OIL

Emission Source: 00B03

Emission Unit: 0-0MAIN

Process: OIL

Emission Source: 00B04

Regulated Contaminant(s):

CAS No: 007446-09-5

SULFUR DIOXIDE

**Item 4-6.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

The facility will establish a fuel contract specifying a maximum sulfur content of 0.5% (by weight) for No. 6 oil used in the boilers. The owner or operator shall collect fuel samples immediately after each tank is filled to confirm that the sulfur content meets this requirement.

The monitoring frequency shall be in accordance with the applicable requirements listed elsewhere in this permit for "40CFR 60.46c(d)(2), NSPS Subpart Dc" and the averaging method shall be 30 day rolling average.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NUMBER 6 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.5 percent by weight

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Averaging Method: 30-DAY AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2010.

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

**Condition 4-7: Compliance Demonstration**

**Effective between the dates of 09/28/2009 and Permit Expiration Date**

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

**Item 4-7.1:**

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: 0-0MAIN

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Process: OIL

Emission Source: 00B01

Emission Unit: 0-0MAIN

Process: OIL

Emission Source: 00B02

Emission Unit: 0-0MAIN

Process: OIL

Emission Source: 00B03

Emission Unit: 0-0MAIN

Process: OIL

Emission Source: 00B04

Regulated Contaminant(s):

CAS No: 007446-09-5

SULFUR DIOXIDE

**Item 4-7.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC  
OPERATIONS

Monitoring Description:

The facility will establish a fuel contract specifying a maximum sulfur content of 0.5% (by weight) for No. 6 oil used in the boilers.

Compliance with the fuel oil sulfur limits of this section shall be determined on a 30-day rolling average basis.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NUMBER 6 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.5 percent by weight

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Averaging Method: 30-DAY AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2010.

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

**Condition 4-8: Compliance Demonstration**

**Effective between the dates of 09/28/2009 and Permit Expiration Date**

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

**Item 4-8.1:**

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: 0-0MAIN

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Process: OIL

Emission Source: 00B01

Emission Unit: 0-0MAIN

Process: OIL

Emission Source: 00B02

Emission Unit: 0-0MAIN

Process: OIL

Emission Source: 00B03

Emission Unit: 0-0MAIN

Process: OIL

Emission Source: 00B04

Regulated Contaminant(s):

CAS No: 007446-09-5

SULFUR DIOXIDE

**Item 4-8.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The fuel oil sulfur limits under this section apply at all times, including periods of start up, shutdown, and malfunction.

Record Keeping and reporting requirements shall be maintained as specified in additional permit conditions.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 4-9: Compliance Demonstration**

**Effective between the dates of 09/28/2009 and Permit Expiration Date**

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

**Item 4-9.1:**

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: 0-0MAIN

Process: OIL

Emission Point: 00001

Emission Source: 00B01

Emission Unit: 0-0MAIN

Process: OIL

Emission Point: 00001

Emission Source: 00B02

Emission Unit: 0-0MAIN

Process: OIL

Emission Point: 00001

Emission Source: 00B03

Emission Unit: 0-0MAIN

Process: OIL

Emission Point: 00001

Emission Source: 00B04

Regulated Contaminant(s):

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CAS No: 0NY075-00-0 PARTICULATES

## Item 4-9.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Fishkill Downstate Correctional facility shall not cause to be discharged into the atmosphere 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.

The facility shall operate a COM to ensure compliance with this limit, as specified in additional permit conditions.

Process Material: NUMBER 6 OIL

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2010.

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

## Condition 4-10: Compliance Demonstration

Effective between the dates of 09/28/2009 and Permit Expiration Date

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

## Item 4-10.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: 0-0MAIN

Process: OIL

Emission Point: 00001

Emission Source: 00B01

Emission Unit: 0-0MAIN

Process: OIL

Emission Point: 00001

Emission Source: 00B02

Emission Unit: 0-0MAIN

Process: OIL

Emission Point: 00001

Emission Source: 00B03

Emission Unit: 0-0MAIN

Process: OIL

Emission Point: 00001

Emission Source: 00B04

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

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**Item 4-10.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The opacity standards under this section apply at all times, except during periods of start up, shutdown, or malfunction

Record Keeping and reporting requirements shall be maintained as specified in additional permit conditions.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 4-11: Compliance Demonstration**

**Effective between the dates of 09/28/2009 and Permit Expiration Date**

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

**Item 4-11.1:**

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: 0-0MAIN

Process: OIL

Emission Source: 00B01

Emission Unit: 0-0MAIN

Process: OIL

Emission Source: 00B02

Emission Unit: 0-0MAIN

Process: OIL

Emission Source: 00B03

Emission Unit: 0-0MAIN

Process: OIL

Emission Source: 00B04

Regulated Contaminant(s):

CAS No: 007446-09-5

SULFUR DIOXIDE

**Item 4-11.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Fishkill Downstate Correctional Facility shall sample the oil in the fuel tank after each new shipment of oil is received, as described under §60.46c(d)(2).

Process Material: NUMBER 6 OIL

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Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.5 percent by weight

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

**DESCRIPTION**

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 1/30/2010.

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

**Condition 4-12: Compliance Demonstration**

**Effective between the dates of 09/28/2009 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.46c(d)(2), NSPS Subpart Dc**

**Item 4-12.1:**

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: 0-0MAIN

Process: OIL

Emission Source: 00B01

Emission Unit: 0-0MAIN

Process: OIL

Emission Source: 00B02

Emission Unit: 0-0MAIN

Process: OIL

Emission Source: 00B03

Emission Unit: 0-0MAIN

Process: OIL

Emission Source: 00B04

Regulated Contaminant(s):

CAS No: 007446-09-5

SULFUR DIOXIDE

**Item 4-12.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Fishkill Downstate Correctional Facility shall collect oil samples from the fuel tank for each steam generating unit immediately after the fuel tank is filled and before any oil is combusted. The facility shall analyze the oil sample to determine the sulfur content of the oil. If a partially empty fuel tank is refilled, a new sample and analysis of the fuel in the tank would be required upon filling. Results of the fuel analysis taken after each new shipment of oil is received shall be used as the daily value when calculating the 30-day rolling average until the next shipment is received. If the fuel analysis shows

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that the sulfur content in the fuel tank is greater than 0.5 weight percent sulfur, Fishkill Downstate Correctional Facility shall ensure that the sulfur content of subsequent oil shipments is low enough to cause the 30-day rolling average sulfur content to be 0.5 weight percent sulfur or less.

Process Material: NUMBER 6 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.5 percent by weight

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

**DESCRIPTION**

Averaging Method: 30-DAY ROLLING AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2010.

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

**Condition 4-13: Compliance Demonstration**

**Effective between the dates of 09/28/2009 and Permit Expiration Date**

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

**Item 4-13.1:**

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: 0-0MAIN

Emission Point: 00001

Process: OIL

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 4-13.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Fishkill Downstate Correctional Facility shall install, calibrate, maintain, and operate a continuous opacity monitoring system (COMS) for measuring the opacity of the emissions discharged to the atmosphere and record the output of the system.

All COMS shall be operated in accordance with the applicable procedures under Performance Specification 1 of appendix B of part 60.

Manufacturer Name/Model Number: COM



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Upper Permit Limit: 20 percent  
Reference Test Method: Performance Specification 1  
Monitoring Frequency: CONTINUOUS  
Averaging Method: AVERAGING METHOD - SEE MONITORING  
DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2010.  
Subsequent reports are due every 6 calendar month(s).

**Condition 4-14: Compliance Demonstration**  
**Effective between the dates of 09/28/2009 and Permit Expiration Date**

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

**Item 4-14.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 4-14.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

§ 60.48c Reporting and recordkeeping requirements as follows;

§ 60.48c(c)

In addition to the applicable requirements in §60.7, Fishkill Downstate Correctional Facility shall submit excess emission reports for any excess emissions from the affected facility that occur during the reporting period and maintain records according to the requirements of this section.

The facility shall maintain COM records and submit reports as requested by the Department.

§ 60.48c(e)

Fishkill Downstate Correctional Facility shall keep records and submit reports as required under §60.42c fuel oil sulfur limits, including the following information, as applicable.

(1) Calendar dates covered in the reporting period.

(2) Each 30-day average sulfur content (weight percent), calculated during the reporting period, ending with the last 30-day period; reasons for any noncompliance with the emission standards; and a description of corrective actions taken.

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**§ 60.48c(g )**

Fishkill Downstate Correctional Facility shall record and maintain records of the amount of each fuel combusted during each operating day.

These records shall be kept on site for a period of two years, and shall be reported on semiannually or as requested by the Department.

**§ 60.48c(i )**

All records required under this section shall be maintained for a period of two years following the date of such record.

**§ 60.48c(j )**

The reporting period for the reports required under this subpart is each six-month period. All reports shall be submitted to the Department and shall be postmarked by the 30th day following the end of 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 1/30/2010.

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

**Condition 4-15: Compliance Demonstration**

**Effective between the dates of 09/28/2009 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 60.4204(b), NSPS Subpart IIII**

**Item 4-15.1:**

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: O-EGENS

Process: DIS

Emission Source: GEN05

Emission Unit: O-EGENS

Process: DIS

Emission Source: GEN06

Emission Unit: O-EGENS

Process: DIS

Emission Source: GEN07

**Item 4-15.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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The specified generator sources shall comply with the emission standards for new CI engines in §60.4201, as specified for stationary CI internal combustion engine manufacturers per the following;  
Stationary CI internal combustion engine manufacturers must certify their 2007 model year and later non-emergency stationary CI ICE with a maximum engine power less than or equal to 2,237 kilowatt (KW) (3,000 horsepower (HP)) and a displacement of less than 10 liters per cylinder to the certification emission standards for new nonroad CI engines in 40 CFR 89.112, 40 CFR 89.113, for all pollutants, for the same model year and maximum engine power.

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 4-16: Compliance Demonstration**

**Effective between the dates of 09/28/2009 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.4206, NSPS Subpart IIII**

**Item 4-16.1:**

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: O-EGENS	Emission Point: 00007
Process: DIS	Emission Source: GEN05
Emission Unit: O-EGENS	Emission Point: 00008
Process: DIS	Emission Source: GEN06
Emission Unit: O-EGENS	Emission Point: 00009
Process: DIS	Emission Source: GEN07

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

**Item 4-16.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility shall operate and maintain the generators in a manner that achieve the emission standards as required in permit condition citing §60.4204(b) according to the manufacturer's written instructions over the entire life of the engine.

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\*§60.4204(b) references emission standards listed in  
§89.112 and §89.113.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 4-17: Compliance Demonstration**  
**Effective between the dates of 09/28/2009 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.4207, NSPS Subpart IIII**

**Item 4-17.1:**

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

Emission Unit: O-EGENS Process: DIS	Emission Source: GEN01
Emission Unit: O-EGENS Process: DIS	Emission Source: GEN03
Emission Unit: O-EGENS Process: DIS	Emission Source: GEN04
Emission Unit: O-EGENS Process: DIS	Emission Source: GEN05
Emission Unit: O-EGENS Process: DIS	Emission Source: GEN06
Emission Unit: O-EGENS Process: DIS	Emission Source: GEN07
Regulated Contaminant(s): CAS No: 007446-09-5	SULFUR DIOXIDE

**Item 4-17.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

As specified under 40 CFR § 80.510(a), Fishkill Downstate  
Correctional Facility permitted generators are subject to  
the following diesel per-gallon standards:

(1) Sulfur content. 500 parts per million (ppm)  
maximum.

(2) Cetane index or aromatic content, as follows:

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- (i) A minimum cetane index of 40; or
- (ii) A maximum aromatic content of 35 volume percent.

As specified under 40 CFR § 80.510(b), Beginning June 1, 2010 all NR and LM diesel fuel is subject to the following per-gallon standards:

- (1) Sulfur content.
  - (i) 15 ppm maximum for NR diesel fuel.
- (2) Cetane index or aromatic content, as follows:
  - (i) A minimum cetane index of 40; or
  - (ii) A maximum aromatic content of 35 volume percent.

As specified under 40 CFR § 80.510(c), Beginning June 1, 2012 all NRLM diesel fuel is subject to the following per-gallon standards:

- (1) Sulfur content. 15 ppm maximum.
- (2) Cetane index or aromatic content, as follows:
  - (i) A minimum cetane index of 40; or
  - (ii) A maximum aromatic content of 35 volume percent.
- (d) Marking provisions. From June 1, 2007 through May 31, 2010:

All diesel fuel shall be free of solvent yellow 124.

Compliance shall be demonstrated by Office of General Services contract requirements in accordance with fuel supplier certification verifying the above limits. Records of compliance must be maintained on site for a minimum of five years.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

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**DESCRIPTION**

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE -

SEE MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2010.

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

**Condition 4-18: Compliance Demonstration**

**Effective between the dates of 09/28/2009 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 60.4209, NSPS Subpart IIII**

**Item 4-18.1:**

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: O-EGENS

Process: DIS

Emission Point: 00007

Emission Source: GEN05

Emission Unit: O-EGENS

Process: DIS

Emission Point: 00008

Emission Source: GEN06

Emission Unit: O-EGENS

Process: DIS

Emission Point: 00009

Emission Source: GEN07

**Item 4-18.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Fishkill Downstate Correctional Facility shall meet the monitoring requirements specified in §60.4211 as follows;

The facility must comply by purchasing an engine certified to the emission standards in §60.4204(b), for the same model year and maximum. The engine must be installed and configured according to the manufacturer's specifications

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 4-19: Compliance Demonstration**

**Effective between the dates of 09/28/2009 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 60.4210(c), NSPS Subpart IIII**

**Item 4-19.1:**

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

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Emission Unit: O-EGENS  
Process: DIS

Emission Source: GEN05

Emission Unit: O-EGENS  
Process: DIS

Emission Source: GEN06

Emission Unit: O-EGENS  
Process: DIS

Emission Source: GEN07

**Item 4-19.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For the purposes of this subpart, engines certified to the standards in table 1 to this subpart shall be subject to the same requirements as engines certified to the standards in 40 CFR part 89.

Stationary CI internal combustion engine manufacturers must meet the corresponding provisions of 40 CFR part 89 for engines that would be covered by that part if they were nonroad engines. Labels on such engines must refer to stationary engines, rather than or in addition to nonroad engines, as appropriate. Stationary CI internal combustion engine manufacturers must label their engines according to the following;

(i) Stationary CI internal combustion engines that meet the requirements of this subpart and the corresponding requirements for nonroad engines of the same model year and HP must be labeled according to the provisions in part 89.

The replacement engine provisions of 40 CFR 89.1003(b)(7) are applicable to stationary CI engines replacing existing equipment that is less than 15 years old.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 5-8: Applicability**

**Effective between the dates of 06/10/2013 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 63, Subpart JJJJJ**

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**Item 5-8.1:**

Facilities that are area sources of HAP with industrial, commercial, or institutional boilers must comply with applicable portions of 40 CFR 63 JJJJJJ.

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

**Condition 25: Compliance Demonstration**

**Effective between the dates of 04/13/1999 and Permit Expiration Date**

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

**Item 25.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-0MAIN

**Item 25.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner and/or operator of the affected facility shall maintain records containing the following data:

- i) name of the residual oil supplier;
- ii) the location of the oil when the sample was drawn for analysis of the sulfur content of the oil, specifically including whether the oil was sampled as delivered to the affected facility, or whether the sample was drawn from oil storage at the oil supplier's or oil refiner's facility, or other location;
- iii) the sulfur content of the oil from which the shipment came (or of the shipment itself); and
- iv) the method used to determine the sulfur content of the oil.

Monitoring Frequency: PER DELIVERY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/1999.

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: 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 2-17: Contaminant List**

**Effective between the dates of 04/20/2007 and Permit Expiration Date**

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

**Item 2-17.1:**

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

CAS No: 0NY750-00-0

Name: CARBON DIOXIDE EQUIVALENTS

CAS No: 0NY998-00-0

Name: VOC

**Condition 5-9: Malfunctions and start-up/shutdown activities**

**Effective between the dates of 06/10/2013 and Permit Expiration Date**

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

**Item 5-9.1:**

(a) The facility owner or operator shall take all necessary and appropriate actions to prevent the emission of air pollutants that result in contravention of any applicable emission standard during periods of start-up, shutdown, or malfunction.

(b) The facility owner or operator shall compile and maintain records of all equipment malfunctions, 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 department when requested to do so, or when so required by a condition of a permit issued for the corresponding air contamination source. Such reports shall state whether any violations occurred and, if so, whether they were unavoidable, include the time, frequency and duration of the maintenance and/or start-up/shutdown activities, and an estimate of the emission rates of any air contaminants released. Such records shall be maintained for a period of at least five years and made available for review to department representatives upon request. Facility owners or operators subject to continuous stack monitoring and quarterly reporting requirements need not submit additional reports for equipment maintenance or start-up/shutdown activities for the facility to the department.



(c) In the event that emissions of air contaminants in excess of any emission standard in this Subchapter occur due to a malfunction, the facility owner or operator shall compile and maintain records of the malfunction and notify the department as soon as possible during normal working hours, but not later than two working days after becoming aware that the malfunction occurred. When requested by the department, the facility owner or operator shall submit a written report to the department describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates.

(d) The department may also require the owner or operator to include, in reports described under Subdivisions (b) and (c) of this Section, an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions.

(e) A violation of any applicable emission standard resulting from start-up, shutdown, or malfunction conditions at a permitted or registered facility may not be subject to an enforcement action by the department and/or penalty if the department determines, in its sole discretion, that such a violation was unavoidable. The actions and recordkeeping and reporting requirements listed above must be adhered to in such circumstances.

**Condition 4-20: Unavoidable noncompliance and violations**  
**Effective between the dates of 09/28/2009 and Permit Expiration Date**

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

**Item 4-20.1:**

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

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

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

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

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

## **Condition 32: Emission Unit Definition**

**Effective between the dates of 04/13/1999 and Permit Expiration Date**

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

### **Item 32.1(From Mod 4):**

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

Emission Unit: 0-0MAIN

Emission Unit Description:

Four 55 mmBTU/hr boilers located in the powerhouse. The boilers are capable of burning natural gas with No. 6 fuel oil as a backup. The powerhouse includes one main stack (EP 00001).

Building(s): 86

### **Item 32.2(From Mod 4):**

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

Emission Unit: 0-0SURF

Emission Unit Description:

Two spray booths for coating metal beds, cell furnishings and security items using enamel, latex and thinners.

Building(s): 8

### **Item 32.3(From Mod 4):**

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

Emission Unit: 0-EGENS

Emission Unit Description:

Six diesel generators provide emergency power and participate in the Coordinated Demand Response Program

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(CDRP).

**Condition 4-21: Compliance Demonstration**

**Effective between the dates of 09/28/2009 and Permit Expiration Date**

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

**Item 4-21.1:**

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: 0-0MAIN

Process: OIL

Emission Source: 00B01

Emission Unit: 0-0MAIN

Process: OIL

Emission Source: 00B02

Emission Unit: 0-0MAIN

Process: OIL

Emission Source: 00B03

Emission Unit: 0-0MAIN

Process: OIL

Emission Source: 00B04

Emission Unit: O-EGENS

Process: DIS

Emission Source: GEN01

Emission Unit: O-EGENS

Process: DIS

Emission Source: GEN03

Emission Unit: O-EGENS

Process: DIS

Emission Source: GEN04

Emission Unit: O-EGENS

Process: DIS

Emission Source: GEN05

Emission Unit: O-EGENS

Process: DIS

Emission Source: GEN06

Emission Unit: O-EGENS

Process: DIS

Emission Source: GEN07

Regulated Contaminant(s):

CAS No: 007446-09-5

SULFUR DIOXIDE

**Item 4-21.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC  
OPERATIONS

Monitoring Description:

As a more stringent requirement to 6 NYCRR 225-1, The  
facility shall maintain a fuel contract specifying a

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maximum sulfur content by weight of 0.5% for any residual or distillate fuel used in combustion units at the facility.

Supplier certifications showing sulfur in fuel content per delivery shall be maintained on site for a minimum of five years and be made available to the Department upon request.

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: UPON REQUEST BY REGULATORY AGENCY

**Condition 5-10: Renewal deadlines for state facility permits**  
**Effective between the dates of 06/10/2013 and Permit Expiration Date**

**Applicable State Requirement:6 NYCRR 201-5.2 (c)**

**Item 5-10.1:**

The owner or operator of a facility having an issued state facility 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.

**Condition 5-11: Compliance Demonstration**  
**Effective between the dates of 06/10/2013 and Permit Expiration Date**

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

**Item 5-11.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 5-11.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Any reports or submissions required by this permit shall be submitted to the Regional Air Pollution Control Engineer (RAPCE) at the following address:

Division of Air Resources  
NYS Dept. of Environmental Conservation  
Region 3  
21 South Putt Corners Rd.  
New Paltz, NY 12561

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Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

## **Condition 4-22: Air pollution prohibited**

**Effective between the dates of 09/28/2009 and Permit Expiration Date**

**Applicable State Requirement:6 NYCRR 211.2**

### **Item 4-22.1:**

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

## **Condition 5-12: Visible Emissions Limited**

**Effective between the dates of 06/10/2013 and Permit Expiration Date**

**Applicable State Requirement:6 NYCRR 211.2**

### **Item 5-12.1:**

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

## **Condition 4-23: Compliance Demonstration**

**Effective between the dates of 09/28/2009 and Permit Expiration Date**

**Applicable State Requirement:6 NYCRR 227-1.2 (a) (2)**

**Replaces Condition(s) 2-19, 38**

### **Item 4-23.1:**

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: 0-0MAIN  
Process: OIL

Emission Point: 00001  
Emission Source: 00B01

Emission Unit: 0-0MAIN  
Process: OIL

Emission Point: 00001  
Emission Source: 00B02

Emission Unit: 0-0MAIN  
Process: OIL

Emission Point: 00001  
Emission Source: 00B03

Emission Unit: 0-0MAIN  
Process: OIL

Emission Point: 00001  
Emission Source: 00B04

Regulated Contaminant(s):

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CAS No: 0NY075-00-0      PARTICULATES

**Item 4-23.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Particulate emissions are limited to 0.2 lbs/mmBTU while firing No. 6 fuel oil. The Department reserves the right to request the facility conduct a performance test to confirm compliance.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.2 pounds per million Btus

Reference Test Method: USEPA Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

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

**Condition 36:      Emission Point Definition By Emission Unit**

**Effective between the dates of 04/13/1999 and Permit Expiration Date**

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

**Item 36.1(From Mod 4):**

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

Emission Unit: 0-0MAIN

Emission Point: 00001

Height (ft.): 180

Diameter (in.): 133

NYTMN (km.): 4596.925      NYTME (km.): 587.73      Building: 86

**Item 36.2(From Mod 4):**

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

Emission Unit: 0-0SURF

Emission Point: 00100

Height (ft.): 17

Length (in.): 54

Width (in.): 30

NYTMN (km.): 4596.924      NYTME (km.): 587.732      Building: 8

**Item 36.3(From Mod 4):**

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

Emission Unit: O-EGENS



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Emission Point: 00003  
Height (ft.): 10                      Diameter (in.): 10  
NYTMN (km.): 4596.9              NYTME (km.): 587.7

Emission Point: 00005  
Height (ft.): 10                      Diameter (in.): 10  
NYTMN (km.): 4596.9              NYTME (km.): 587.7

Emission Point: 00006  
Height (ft.): 10                      Diameter (in.): 10  
NYTMN (km.): 4596.9              NYTME (km.): 587.7

Emission Point: 00007  
Height (ft.): 24                      Diameter (in.): 14  
NYTMN (km.): 4596.9              NYTME (km.): 587.7

Emission Point: 00008  
Height (ft.): 24                      Diameter (in.): 14  
NYTMN (km.): 4596.9              NYTME (km.): 587.7

Emission Point: 00009  
Height (ft.): 24                      Diameter (in.): 14  
NYTMN (km.): 4596.9              NYTME (km.): 587.7

**Condition 37:      Process Definition By Emission Unit**  
**Effective between the dates of 04/13/1999 and Permit Expiration Date**

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

**Item 37.1(From Mod 4):**

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

Emission Unit: 0-0MAIN  
Process: GAS                              Source Classification Code: 1-02-006-02  
Process Description:  
Four 55 mmBTU/hr boilers firing natural gas as a primary  
fuel.

Emission Source/Control: 00B01 - Combustion  
Design Capacity: 55 million Btu per hour

Emission Source/Control: 00B02 - Combustion  
Design Capacity: 55 million Btu per hour

Emission Source/Control: 00B03 - Combustion  
Design Capacity: 55 million Btu per hour

Emission Source/Control: 00B04 - Combustion  
Design Capacity: 55 million Btu per hour

**Item 37.2(From Mod 4):**

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

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Emission Unit: 0-0MAIN

Process: OIL

Source Classification Code: 1-02-004-01

Process Description:

Four 55 mmBTU/hr boilers firing No. 6 fuel oil as a secondary fuel.

Emission Source/Control: 00B01 - Combustion

Design Capacity: 55 million Btu per hour

Emission Source/Control: 00B02 - Combustion

Design Capacity: 55 million Btu per hour

Emission Source/Control: 00B03 - Combustion

Design Capacity: 55 million Btu per hour

Emission Source/Control: 00B04 - Combustion

Design Capacity: 55 million Btu per hour

**Item 37.3(From Mod 4):**

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

Emission Unit: 0-0SURF

Process: SPR

Process Description:

Coating of metal beds, cell furnishings and security items.

Emission Source/Control: 00S01 - Process

Design Capacity: 16 gallons per hour

Emission Source/Control: 00S02 - Process

Design Capacity: 16 gallons per hour

**Item 37.4(From Mod 4):**

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

Emission Unit: O-EGENS

Process: DIS

Source Classification Code: 2-02-004-01

Process Description: Generators firing diesel fuel.

Emission Source/Control: GEN01 - Combustion

Design Capacity: 500 kilowatts

Emission Source/Control: GEN03 - Combustion

Design Capacity: 1,250 kilowatts

Emission Source/Control: GEN04 - Combustion

Design Capacity: 1,250 kilowatts

Emission Source/Control: GEN05 - Combustion

Design Capacity: 1,250 kilowatts

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Emission Source/Control: GEN06 - Combustion  
Design Capacity: 1,250 kilowatts

Emission Source/Control: GEN07 - Combustion  
Design Capacity: 1,250 kilowatts

