



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 6-3013-00103/00007
Effective Date: 05/17/2013 Expiration Date: 05/16/2023

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

Contact: TERRY WHITAKER
MOHAWK CORRECTIONAL FACILITY
6514 RT 26, 6100 SCHOOL RD
ROME, NY 13440
(315) 339-5232

Facility: MOHAWK CORRECTIONAL FACILITY
6514 RT 26, 6100 SCHOOL RD
ROME, NY 13340

Contact: TERRY WHITAKER
MOHAWK CORRECTIONAL FACILITY
6514 RTE 26, 6100 SCHOOL RD
ROME, NY 13440
(315) 339-5232

Description:
The name of this facility was changed to reflect the closure of the Oneida Correctional facility and updates to state regulations were performed at this time.

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: PATRICK M CLEAREY
NYSDEC - REG 6
207 GENESEE ST
UTICA, NY 13501

Authorized Signature: _____ Date: ___ / ___ / ___



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

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

Facility Level

- Submission of application for permit modification or renewal-REGION 6 SUBOFFICE - UTICA



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

Condition 1: Facility Inspection by the Department

Applicable State Requirement: ECL 19-0305

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

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

Item 2.1:

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

Condition 3: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:

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

Item 3.2:

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

Item 3.3:

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



Applicable State Requirement: 6 NYCRR 621.13

Item 4.1:

The Department reserves the right to 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.

****** Facility Level ******

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

Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 5.1:

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

NYSDEC Regional Permit Administrator
Region 6 Sub-office
Division of Environmental Permits
State Office Building, 207 Genesee Street
Utica, NY 13501-2885
(315) 793-2555

New York State Department of Environmental Conservation

Permit ID: 6-3013-00103/00007

Facility DEC ID: 6301300103



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: MOHAWK CORRECTIONAL FACILITY
6514 RT 26, 6100 SCHOOL RD
ROME, NY 13340

Authorized Activity By Standard Industrial Classification Code:
5171 - PETROLEUM BULK STATIONS & TERMINALS
9223 - CORRECTIONAL INSTITUTIONS

Permit Effective Date: 05/17/2013

Permit Expiration Date: 05/16/2023



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6 NYCRR 201-6.4 (g): Non Applicable requirements
- 2 6 NYCRR 201-7.1: Facility Permissible Emissions
- *3 6 NYCRR 201-7.1: Capping Monitoring Condition
- *4 6 NYCRR 201-7.1: Capping Monitoring Condition
- *5 6 NYCRR 201-7.1: Capping Monitoring Condition
- *6 6 NYCRR 201-7.1: Capping Monitoring Condition
- 7 6 NYCRR 211.1: Air pollution prohibited
- 8 6 NYCRR 225-1.2 (b): Compliance Demonstration
- 9 6 NYCRR 225-1.2 (f): Compliance Demonstration
- 10 6 NYCRR 225-1.2 (h): Compliance Demonstration
- 11 6 NYCRR 225-1.6 (d): Record Availability
- 12 6 NYCRR Part 226: Compliance Demonstration
- 13 6 NYCRR 227-1.6: Corrective Action
- 14 6 NYCRR 227-1.6 (c): Corrective action.
- 15 6 NYCRR 227-1.6 (d): Corrective action.
- 16 6 NYCRR 230.5 (b): Compliance Demonstration
- 17 40CFR 63, Subpart JJJJJ: Applicability
- 18 40CFR 63, Subpart ZZZZ: Applicability

Emission Unit Level

- 19 6 NYCRR 201-7.1: Process Permissible Emissions

EU=1-POWER

- 20 6 NYCRR 202-1.1: Compliance Demonstration
- 21 6 NYCRR 227-1.3 (a): Compliance Demonstration
- 22 6 NYCRR 227.2 (b) (1): Compliance Demonstration
- 23 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
- 24 40CFR 60.7(a)(1), NSPS Subpart A: Compliance Demonstration
- 25 40CFR 60.7(a)(3), NSPS Subpart A: Compliance Demonstration
- 26 40CFR 60.7(a)(4), NSPS Subpart A: Compliance Demonstration
- 27 40CFR 60.7(a)(6), NSPS Subpart A: Compliance Demonstration
- 28 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 29 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
- 30 40CFR 60.7(g), NSPS Subpart A: Notification Similar to State or Local Agency
- 31 40CFR 60.9, NSPS Subpart A: Availability of information.
- 32 40CFR 60.11, NSPS Subpart A: Opacity standard compliance testing.
- 33 40CFR 60.11(c), NSPS Subpart A: Opacity Standard During Periods of Startup, Shutdown or Malfunction
- 34 40CFR 60.11(d), NSPS Subpart A: Compliance with Standards and Maintenance Requirements
- 35 40CFR 60.11(e)(1), NSPS Subpart A: Compliance Demonstration
- 36 40CFR 60.11(g), NSPS Subpart A: Use of Credible Evidence
- 37 40CFR 60.12, NSPS Subpart A: Circumvention.
- 38 40CFR 60.42c(d), NSPS Subpart Dc: Compliance Demonstration
- 39 40CFR 60.42c(h), NSPS Subpart Dc: Exemption from the averaging period.
- 40 40CFR 60.42c(i), NSPS Subpart Dc: Enforceability



- 41 40CFR 60.43c(c), NSPS Subpart Dc: Compliance Demonstration
- 42 40CFR 60.43c(d), NSPS Subpart Dc: Enforceability of particulate matter and opacity standards.
- 43 40CFR 60.44c(h), NSPS Subpart Dc: Compliance Demonstration
- 44 40CFR 60.46c(e), NSPS Subpart Dc: Exemption from sulfur dioxide monitoring requirements.
- 45 40CFR 60.48c(a), NSPS Subpart Dc: Compliance Demonstration
- 46 40CFR 60.48c(d), NSPS Subpart Dc: Compliance Demonstration
- 47 40CFR 60.48c(e)(11), NSPS Subpart Dc: Compliance Demonstration
- 48 40CFR 60.48c(f)(1), NSPS Subpart Dc: Compliance Demonstration
- 49 40CFR 60.48c(g), NSPS Subpart Dc: Compliance Demonstration
- 50 40CFR 60.48c(i), NSPS Subpart Dc: Compliance Demonstration

EU=2-GENER

- 51 6 NYCRR 227-1.3: Compliance Demonstration
- 52 6 NYCRR 227.2 (b) (1): Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 53 ECL 19-0301: Contaminant List
- 54 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 55 6 NYCRR Subpart 201-5: Emission Unit Definition
- 56 6 NYCRR 201-5.2 (c): Renewal deadlines for state facility permits
- 57 6 NYCRR 201-5.3 (c): Compliance Demonstration
- 58 6 NYCRR 211.2: Visible Emissions Limited

Emission Unit Level

- 59 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
- 60 6 NYCRR Subpart 201-5: Process Definition By Emission Unit

NOTE: * preceding the condition number indicates capping.



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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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

Item A: Sealing - 6 NYCRR 200.5

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

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

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

Item B: Acceptable Ambient Air Quality - 6 NYCRR 200.6

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

Item C: Maintenance of Equipment - 6 NYCRR 200.7

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



required to operate such device effectively.

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

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

- (a) The owner and/or operator must apply for a permit for such emission source or register the facility in accordance with the provisions of Part 201.
- (b) The emission source or facility is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing sources or facilities.

Item E: Emergency Defense - 6 NYCRR 201-1.5

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

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

- (1) An emergency occurred and that the facility owner and/or operator can identify the cause(s) of the emergency;
- (2) The equipment at the permitted facility causing the emergency was at the time being properly operated;
- (3) During the period of the emergency the facility owner and/or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and
- (4) The facility owner and/or operator notified the Department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

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



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

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

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

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

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

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

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

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

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

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



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

Item K: 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 1: Non Applicable requirements



Effective between the dates of 05/17/2013 and 05/16/2023

Applicable Federal Requirement:6 NYCRR 201-6.4 (g)

Item 1.1:

This section contains a summary of those requirements that have been specifically identified as being not applicable to this facility and/or emission units, emission points, processes and/or emission sources within this facility. The summary also includes a justification for classifying any such requirements as non-applicable.

6 NYCRR 225-1.2 (a)

Emission Unit: 1POWER

Reason: The sulfur in fuel restrictions contained in 6 NYCRR Part 225-1.2(a)(2) have been excluded from this permit because the sulfur in fuel restrictions contained in 40 CFR Part 60.42c(d) are more restrictive than those contained in the state regulation. Also the monitoring, recordkeeping, and reporting requirements contained in 40 CFR Part 60 Subpart Dc are more restrictive than those contained in state regulation.

6 NYCRR 227-1.3

Emission Unit: 1POWER

Reason: The opacity restrictions contained at 6 NYCRR Part 227-1.3 are not included in this permit because they are identical to the opacity restrictions in 40 CFR Part 60.43c(c). Moreover the reporting requirements contained in 40 CFR Part 60 Subpart Dc are more restrictive than those contained in the state regulation.

Condition 2: Facility Permissible Emissions
Effective between the dates of 05/17/2013 and 05/16/2023

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 2.1:

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

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

CAS No: 000630-08-0 PTE: 196,000 pounds per year
Name: CARBON MONOXIDE

CAS No: 007446-09-5 PTE: 196,000 pounds per year
Name: SULFUR DIOXIDE

New York State Department of Environmental Conservation

Permit ID: 6-3013-00103/00007

Facility DEC ID: 6301300103



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

PTE: 196,000 pounds per year

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

PTE: 198,000,000 pounds per year

Condition 3: Capping Monitoring Condition
Effective between the dates of 05/17/2013 and 05/16/2023

Applicable Federal Requirement: 6 NYCRR 201-7.1

Item 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 (a)

Item 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 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 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 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 3.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 0NY750-00-0 CARBON DIOXIDE EQUIVALENTS

Item 3.7:

Compliance Demonstration shall include the following monitoring:

New York State Department of Environmental Conservation

Permit ID: 6-3013-00103/00007

Facility DEC ID: 6301300103



Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The facility shall emit no more than 198,000,000 pounds of Carbon Dioxide Equivalents per year. This will be recorded on a rolling 12 month basis by tracking the facility's fuel use. This will include Carbon Dioxide emissions plus 12 times the emissions for Methane and 310 times the emissions for Nitrous oxide totaled together (TPY of CO₂e = TPY of CO₂ + (12 x TPY of CH₄) + (310 x TPY of N₂O)).

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: FUEL

Upper Permit Limit: 198,000,000 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 4: Capping Monitoring Condition
Effective between the dates of 05/17/2013 and 05/16/2023

Applicable Federal Requirement: 6 NYCRR 201-7.1

Item 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 (a)

6 NYCRR 227-2.1

Item 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 4.3:

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 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 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 4.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

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

Item 4.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Facility shall limit emissions of oxides of nitrogen to no more than 98 tons during any consecutive 12 month period. To demonstrate compliance with this limit the facility shall perform the following:

Facility shall maintain records of the amount of each fuel burned, in each combustion source, at the facility on a monthly basis. At the end of each month the fuel usage for each combustion source shall be added to the previous 11 month total, for that combustion source, to give a total for each fuel burned during the most recent consecutive 12 month period. The most recent consecutive 12 month period fuel usage amounts shall then be inserted in the equation below to generate an annual oxides of nitrogen emission value. This annual oxides of nitrogen emission value shall not exceed 98 tons.

$$\text{Tons of oxides of nitrogen} = [(50 \times \text{NGN}) + (100 \times \text{NGE}) + (16.8 \times \text{FOB}) + (75 \times \text{FOM}) + (20 \times \text{FOE}) + (0.60 \times \text{SDG}) + (0.44 \times \text{LDG})]/2000$$

where:

NGN = millions of standard cubic feet of natural gas burned in new boilers (Emission Unit: 1- POWER)

NGE = millions of standard cubic feet of natural gas burned in existing boilers (Emission Unit: 0-0MAIN)

FOB = thousands of gallons of #2 oil burned in new boilers



(Emission Unit: 1- POWER)
FOM = thousands of gallons of #6 oil burned in existing
boilers (Emission Unit: 0-0MAIN)
FOE = thousands of gallons of #2 oil burned in exempt and
temporary boilers
SDG = gallons of diesel burned in small generators
LDG = gallons of diesel burned in large
generators

When sufficient new evidence becomes available to
substantiate changing the emission factors used in the
above equation the Department will discuss modifying this
condition with the applicant prior to making any changes
to this condition.

Process Material: FUEL
Parameter Monitored: VOLUME
Upper Permit Limit: 98 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: Capping Monitoring Condition
Effective between the dates of 05/17/2013 and 05/16/2023

Applicable Federal Requirement: 6 NYCRR 201-7.1

Item 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 (a)
40 CFR 52.21

Item 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 5.3:

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 5.4:



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:

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:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 5.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Facility shall limit emissions of carbon monoxide to no more than 98 tons during any consecutive 12 month period. To demonstrate compliance with this limit the facility shall perform the following:

Facility shall maintain records of the amount of each fuel burned, in each combustion source, at the facility on a monthly basis. At the end of each month the fuel usage for each combustion source shall be added to the previous 11 month total, for that combustion source, to give a total for each fuel burned during the most recent consecutive 12 month period. The most recent consecutive 12 month period fuel usage amounts shall then be inserted in the equation below to generate an annual carbon monoxide emission value. This annual carbon monoxide emission value shall not exceed 98 tons.

$$\text{Tons of carbon monoxide} = [(84 \times \text{NG}) + (5 \times \text{FOB}) + (0.13 \times \text{SDG}) + (0.12 \times \text{LDG})]/2000$$

where:

NG = millions of standard cubic feet of natural gas burned in all boilers

FOB = thousands of gallons of #2 and #6 oil burned in all



boilers
SDG = gallons of diesel burned in small generators
LDG = gallons of diesel burned in large
generators

When sufficient new evidence becomes available to substantiate changing the emission factors used in the above equation the Department will discuss modifying this condition with the applicant prior to making any changes to this condition.

Process Material: FUEL
Parameter Monitored: VOLUME
Upper Permit Limit: 98 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 6: Capping Monitoring Condition
Effective between the dates of 05/17/2013 and 05/16/2023

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 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 (a)
40 CFR 52.21

Item 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 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 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 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 6.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 6.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Facility shall limit emissions of sulfur dioxide to no more than 98 tons during any consecutive 12 month period. To demonstrate compliance with this limit the facility shall perform the following:

Facility shall maintain records of the amount of each fuel burned, in each combustion source, at the facility on a monthly basis. At the end of each month the fuel usage for each combustion source shall be added to the previous 11 month total, for that combustion source, to give a total for each fuel burned during the most recent consecutive 12 month period. The most recent consecutive 12 month period fuel usage amounts shall then be inserted in the equation below to generate an annual sulfur dioxide emission value. This annual sulfur dioxide emission value shall not exceed 98 tons.

$$\text{Tons of sulfur dioxide} = [(0.6 \times \text{NG}) + (71 \times \text{FOB}) + (235 \times \text{FOM}) + (71 \times \text{FOE}) + (0.04 \times \text{SDG}) + (0.07 \times \text{LDG})] / 2000$$

where:

NG = millions of standard cubic feet of natural gas burned in all boilers

FOB = thousands of gallons of #2 oil burned in new boilers (Emission Unit: 1-POWER)

FOM = thousands of gallons of #6 oil burned in existing boilers (Emission Unit: 0-0MAIN)



FOE = thousands of gallons of #2 oil burned in exempt and temporary boilers
SDG = gallons of diesel burned in small generators
LDG = gallons of diesel burned in large generators

When sufficient new evidence becomes available to substantiate changing the emission factors used in the above equation the Department will discuss modifying this condition with the applicant prior to making any changes to this condition.

Process Material: FUEL

Parameter Monitored: VOLUME

Upper Permit Limit: 98 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 7: Air pollution prohibited
Effective between the dates of 05/17/2013 and 05/16/2023

Applicable Federal Requirement:6 NYCRR 211.1

Item 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 8: Compliance Demonstration
Effective between the dates of 05/17/2013 and 05/16/2023

Applicable Federal Requirement:6 NYCRR 225-1.2 (b)

Item 8.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 8.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Owners and/or operators of any stationary combustion



installation that fires oil are limited to the firing of oil with a sulfur content of 1.50% sulfur through June 30, 2014.

Data collected pursuant to this Subpart must be tabulated and summarized in a form acceptable to the Department, and must be retained for at least five years. The owner of a Title V facility must furnish to the Department such records and summaries, on a semiannual calendar basis, within 30 days after the end of the semiannual period. All other facility owners or distributors must submit these records and summaries upon request of the Department.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: FUEL OIL
Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 1.50 percent by weight
Monitoring Frequency: PER DELIVERY
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 9: Compliance Demonstration
Effective between the dates of 05/17/2013 and 05/16/2023

Applicable Federal Requirement:6 NYCRR 225-1.2 (f)

Item 9.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 9.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Owners and/or operators of commercial, industrial, or residential emission sources that fire number two heating oil on or after July 1, 2012 are limited to the purchase of number two heating oil with 0.0015 percent sulfur by weight or less. Compliance with this limit will be based on vendor certifications.

Data collected pursuant to this Subpart must be tabulated and summarized in a form acceptable to the Department, and must be retained for at least five years. The owner of a Title V facility must furnish to the Department such records and summaries, on a semiannual calendar basis, within 30 days after the end of the semiannual period. All other facility owners or distributors must submit these records and summaries upon request of the



Department.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: NUMBER 2 HEATING OIL
Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 0.0015 percent by weight
Monitoring Frequency: PER DELIVERY
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY
TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 10: Compliance Demonstration
Effective between the dates of 05/17/2013 and 05/16/2023

Applicable Federal Requirement: 6 NYCRR 225-1.2 (h)

Item 10.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 10.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

Owners and/or operators of a stationary combustion installations that fire distillate oil are limited to the firing of distillate oil with 0.0015 percent sulfur by weight or less on or after July 1, 2016. Compliance with this limit will be based on vendor certifications.

Data collected pursuant to this Subpart must be tabulated and summarized in a form acceptable to the Department, and must be retained for at least five years. The owner of a Title V facility must furnish to the Department such records and summaries, on a semiannual calendar basis, within 30 days after the end of the semiannual period. All other facility owners or distributors must submit these records and summaries upon request of the Department.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL
Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 0.0015 percent by weight
Monitoring Frequency: PER DELIVERY
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY
TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 11: Record Availability
Effective between the dates of 05/17/2013 and 05/16/2023



Applicable Federal Requirement:6 NYCRR 225-1.6 (d)

Item 11.1: Facility owners required to maintain and retain records pursuant to this Subpart must make such records available for inspection by the Department.

Condition 12: Compliance Demonstration
Effective between the dates of 05/17/2013 and 05/16/2023

Applicable Federal Requirement:6 NYCRR Part 226

Item 12.1:
The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 12.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

6NYCRR 226. Requirements for Cold Cleaning Degreasers
(Non Title V after 12/31/2003)

A. Equipment Specifications

The following types of control equipment must be used when conducting cold cleaning degreasing, solvent metal cleaning:

- (1) A cover which can be operated easily.
- (2) An internal drainage facility (under cover), if practical.
- (3) A control system that limits VOC emissions to those achievable with equipment having a freeboard ratio greater than or equal to 0.5, or a water cover when the solvent is insoluble in and heavier than water. This does not apply to remote reservoir degreasers.
- (4) Solvent with a vapor pressure of 1.0 mm Hg, or less, at 20 C.

B. Operating Requirements:

When cold cleaning, the clean parts must be drained at least 15 seconds or until dripping ceases.

C. General Requirements:

A Person conducting solvent metal cleaning must:



- (1) Store solvent in covered containers and transfer or dispose of waste solvent in such a manner that less than 20 percent of the waste solvent (by weight) can evaporate into the atmosphere.
- (2) Maintain equipment to minimize leaks and fugitive emissions.
- (3) Display at the equipment location a conspicuous summary of proper operating procedures consistent with minimizing emissions of VOCs.
- (4) Keep the degreaser cover closed except when:
 - (a) parts are being placed into or being removed from the degreaser;
 - (b) adding or removing solvent from the degreaser;
 - (c) no solvent is in the degreaser; or
 - (d) when manually cleaning metal parts in the cold cleaning degreaser.
- (5) Create and retain a record of solvent consumption for five years. This record must be made available to the Department upon request.
- (6) Not clean sponges, fabric, wood, leather, paper products and other absorbent materials in a degreaser.
- (7) If using a cold cleaning degreaser that is subject to paragraph 226.3(a)(4), retain a record of the following three items for five years and provide these records to the Department upon request. An invoice, a bill of sale, a certificate covering multiple sales, a Material Safety Data Sheet (MSDS), or other appropriate documentation acceptable to the Department may be used to comply with this requirement.
 - (a) the name and address of the solvent supplier;
 - (b) the type of solvent including the product or vendor identification number; and
 - (c) the vapor pressure of the solvent measured in mm Hg at 20 °C (68 °F).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 13: Corrective Action
Effective between the dates of 05/17/2013 and 05/16/2023

Applicable Federal Requirement:6 NYCRR 227-1.6

Item 13.1:

(a) Any person found to have violated any provision of this Part shall not cause, permit or allow operation of the stationary combustion installation involved in the violation unless:

- (1) it is equipped with approved emission control equipment;
- (2) it is rehabilitated or upgraded in an approved manner; or



(3) the fuel is changed to an acceptable type.

(b) The commissioner may seal such stationary combustion installation so as to prevent any operation if the conditions of paragraph (a)(1)-(3) above are not met within the time provided by the order of final determination issued in the case of the violation.

(c) No person shall cause, permit or allow operation of any stationary combustion installation sealed by the commissioner in accordance with this section.

(d) No person except the commissioner or his representative shall remove, tamper with or destroy any seal affixed to any stationary combustion installation.

Condition 14: Corrective action.
Effective between the dates of 05/17/2013 and 05/16/2023

Applicable Federal Requirement:6 NYCRR 227-1.6 (c)

Item 14.1:

No person shall cause, permit, or allow the operation of any affected stationary combustion installation sealed by the commissioner in accordance with this section.

Condition 15: Corrective action.
Effective between the dates of 05/17/2013 and 05/16/2023

Applicable Federal Requirement:6 NYCRR 227-1.6 (d)

Item 15.1:

No person except the commissioner or his representative shall remove, tamper with, or destroy any seal affixed to any affected stationary combustion installation.

Condition 16: Compliance Demonstration
Effective between the dates of 05/17/2013 and 05/16/2023

Applicable Federal Requirement:6 NYCRR 230.5 (b)

Item 16.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 16.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Facility shall maintain a sum of all gasoline deliveries to its gasoline-dispensing site during each month. The sum of all gasoline deliveries during any 12 consecutive month period will be used to determine whether the requirements of Part 230.2 apply.

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Once a gasoline-dispensing site becomes subject to the requirements of Part 230.2 because its annual gasoline throughput exceeds 120,000 gallons, subsequent decreases in gasoline deliveries or throughput do not excuse a source owner from having to maintain the effectiveness of the stage I and/or stage II equipment.

Parameter Monitored: GASOLINE
Upper Permit Limit: 120000 gallons per year
Monitoring Frequency: PER DELIVERY
Averaging Method: ANNUAL TOTAL ROLLED MONTHLY
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 17: Applicability
Effective between the dates of 05/17/2013 and 05/16/2023

Applicable Federal Requirement:40CFR 63, Subpart JJJJJJ

Item 17.1:

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

Condition 18: Applicability
Effective between the dates of 05/17/2013 and 05/16/2023

Applicable Federal Requirement:40CFR 63, Subpart ZZZZ

Item 18.1:

Facilities that have reciprocating internal combustion engines must comply with applicable portions of 40 CFR 63 subpart ZZZZ.

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

Condition 19: Process Permissible Emissions
Effective between the dates of 05/17/2013 and 05/16/2023

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 19.1:

The sum of emissions from the regulated process cited shall not exceed the following Potential to Emit (PTE) rates for each regulated contaminant:

Emission Unit: 1-POWER Process: GAS

CAS No: 0NY750-00-0
Name: CARBON DIOXIDE EQUIVALENTS
PTE(s): 38,210 pounds per hour



198,000,000 pounds per year
0.32 tons per year

Emission Unit: 1-POWER

Process: OIL

CAS No: 0NY750-00-0

Name: CARBON DIOXIDE EQUIVALENTS

PTE(s): 53,785 pounds per hour

198,000,000 pounds per year
99,000 tons per year

Emission Unit: 2-GENER

Process: GEN

CAS No: 0NY750-00-0

Name: CARBON DIOXIDE EQUIVALENTS

PTE(s): 24,249 pounds per hour

198,000,000 pounds per year
99,000 tons per year

Condition 20: Compliance Demonstration
Effective between the dates of 05/17/2013 and 05/16/2023

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 20.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-POWER

Regulated Contaminant(s):

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

Item 20.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The emission of oxides of nitrogen from each boiler in emission unit 1-POWER shall not exceed 16.8 pounds per 1000 gallons of #2 fuel oil burned.

Within 180 days of startup of the first boiler contained in emission unit 1-POWER the facility shall perform the following:

1) Submit to the Department an acceptable protocol for the testing of oxides of nitrogen emissions, from one of the four boilers, in a manner that will determine if the boiler is in compliance with the limit cited in this condition.

2) Perform a stack test, based upon the approved test

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protocol, to determine if the boiler is in compliance with the oxide of nitrogen emission limit cited in this condition.

3) Submit an acceptable stack test report that outlines the results obtained from the testing done to meet the requirement of #2 above.

4) Facility shall keep records of all testing done at this stationary combustion installation for a period of 5 years.

Upper Permit Limit: 16.8 pounds per 1000 gallons

Reference Test Method: EPA RM 7 or 7A

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 21: Compliance Demonstration
Effective between the dates of 05/17/2013 and 05/16/2023

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

Item 21.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-POWER

Item 21.2:

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 stationary combustion installation which exhibits greater than 20 percent opacity (six minute average), except for one-six-minute period per hour of not more than 27 percent opacity.

The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

The permittee will conduct observations of visible emissions from the emission unit, process, etc. to which this condition applies at the monitoring frequency stated below while the process is in operation. The permittee will investigate, in a timely manner, any instance where there is cause to believe that visible emissions have the potential to exceed the opacity standard.



The permittee shall investigate the cause, make any necessary corrections, and verify that the excess visible emissions problem has been corrected. If visible emissions with the potential to exceed the standard continue, the permittee will conduct a Method 9 assessment within the next operating day of the sources associated with the potential noncompliance to determine the degree of opacity and will notify the NYSDEC if the method 9 test indicates that the opacity standard is not met.

Records of visible emissions observations (or any follow-up method 9 tests), investigations and corrective actions will be kept on-site. Should the Department determine that permittee's record keeping format is inadequate to demonstrate compliance with this condition, it shall provide written notice to the permittee stating the inadequacies, and permittee shall have 90 days to revise its prospective record keeping format in a manner acceptable to the Department.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: Method 9
Monitoring Frequency: DAILY
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 22: Compliance Demonstration
Effective between the dates of 05/17/2013 and 05/16/2023

Applicable Federal Requirement: 6 NYCRR 227.2 (b) (1)

Item 22.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: 1-POWER

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

Item 22.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:

The two hour average emission of particulates from this stationary combustion installation shall not exceed 0.10 pounds per million Btu of heat input while firing distillate oil.

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Within 180 days of startup of the first boiler contained in emission unit 1-POWER the facility shall perform the following:

- 1) Submit to the Department an acceptable protocol for the testing of particulate emissions, from one of the four boilers while firing No. 2 fuel oil, in a manner that will determine if the boiler is in compliance with the limit cited in this condition.
- 2) Perform a stack test, based upon the approved test protocol, to determine if the boiler is in compliance with the particulate emission limit cited in this condition while firing No. 2 fuel oil.
- 3) Submit an acceptable stack test report that outlines the results obtained from the testing done to meet the requirement of #2 above.
- 4) Facility shall keep records of all testing done at this stationary combustion installation for a period of 5 years.

Upper Permit Limit: 0.10 pounds per million Btus

Reference Test Method: EPA RM 5

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: 2-HOUR BLOCK AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 23: EPA Region 2 address.
Effective between the dates of 05/17/2013 and 05/16/2023**

Applicable Federal Requirement:40CFR 60.4, NSPS Subpart A

Item 23.1:

This Condition applies to Emission Unit: 1-POWER

Item 23.2:

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

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

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



beginning of this permit) and to the following address:

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

Condition 24: Compliance Demonstration
Effective between the dates of 05/17/2013 and 05/16/2023

Applicable Federal Requirement:40CFR 60.7(a)(1), NSPS Subpart A

Item 24.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-POWER

Item 24.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Any owner or operator subject to the provisions of this part shall furnish the Administrator written notification or, if acceptable to both the Administrator and the owner or operator of a source, electronic notification, as follows:

A notification of the date construction (or reconstruction as defined under 40 CFR Part 60.15) of an affected facility is commenced postmarked no later than 30 days after such date. This requirement shall not apply in the case of mass-produced facilities which are purchased in completed form.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 25: Compliance Demonstration
Effective between the dates of 05/17/2013 and 05/16/2023

Applicable Federal Requirement:40CFR 60.7(a)(3), NSPS Subpart A

Item 25.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-POWER



Item 25.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Any owner or operator subject to the provisions of this part shall furnish the Administrator written notification or, if acceptable to both the Administrator and the owner or operator of a source, electronic notification, as follows:

A notification of the actual date of initial startup of an affected facility postmarked within 15 days after such date.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 26: Compliance Demonstration
Effective between the dates of 05/17/2013 and 05/16/2023

Applicable Federal Requirement:40CFR 60.7(a)(4), NSPS Subpart A

Item 26.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-POWER

Item 26.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Any owner or operator subject to the provisions of this part shall furnish the Administrator written notification or, if acceptable to both the Administrator and the owner or operator of a source, electronic notification, as follows:

A notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless that change is specifically exempted under an applicable subpart or in 40 CFR Part 60.14(e). This notice shall be postmarked 60 days or as soon as practicable before the change is commenced and shall include information describing the precise nature of the change, present and proposed emission control systems, productive capacity of the facility before and after the change, and the expected completion date of the change. The Administrator may request additional relevant information subsequent to this

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notice.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 27: Compliance Demonstration
Effective between the dates of 05/17/2013 and 05/16/2023

Applicable Federal Requirement:40CFR 60.7(a)(6), NSPS Subpart A

Item 27.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-POWER

Item 27.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Any owner or operator subject to the provisions of this part shall furnish the Administrator written notification or, if acceptable to both the Administrator and the owner or operator of a source, electronic notification, as follows:

A notification of the anticipated date for conducting the opacity observations required by 40 CFR Part 60.11(e)(1). The notification shall also include, if appropriate, a request for the Administrator to provide a visible emissions reader during a performance test. The notification shall be postmarked not less than 30 days prior to such date.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 28: Recordkeeping requirements.
Effective between the dates of 05/17/2013 and 05/16/2023

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

Item 28.1:

This Condition applies to Emission Unit: 1-POWER

Item 28.2:

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



Condition 29: Facility files for subject sources.
Effective between the dates of 05/17/2013 and 05/16/2023

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

Item 29.1:
This Condition applies to Emission Unit: 1-POWER

Item 29.2:
The following files shall be maintained at the facility for all affected sources: all measurements, including continuous monitoring systems, monitoring device, and performance testing measurements; all continuous monitoring system evaluations; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required by this part, recorded in permanent form suitable for inspection. The file shall be maintained for at least two years following the date of such measurements, reports, and records.

Condition 30: Notification Similar to State or Local Agency
Effective between the dates of 05/17/2013 and 05/16/2023

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

Item 30.1:
This Condition applies to Emission Unit: 1-POWER

Item 30.2:
If notification substantially similar to that in 40 CFR Part 60.7(a) is required by any other State or local agency, sending the Administrator a copy of that notification will satisfy the requirements of 40 CFR Part 60.7(a).

Condition 31: Availability of information.
Effective between the dates of 05/17/2013 and 05/16/2023

Applicable Federal Requirement:40CFR 60.9, NSPS Subpart A

Item 31.1:
This Condition applies to Emission Unit: 1-POWER

Item 31.2:
The availability to the public of information provided to, or otherwise obtained by, the Administrator under this part shall be governed by part 2 of this chapter.

Condition 32: Opacity standard compliance testing.
Effective between the dates of 05/17/2013 and 05/16/2023

Applicable Federal Requirement:40CFR 60.11, NSPS Subpart A

Item 32.1:
This Condition applies to Emission Unit: 1-POWER



Item 32.2:

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 or this Part 40 CFR 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.

Condition 33: Opacity Standard During Periods of Startup, Shutdown or Malfunction

Effective between the dates of 05/17/2013 and 05/16/2023

Applicable Federal Requirement:40CFR 60.11(c), NSPS Subpart A

Item 33.1:

This Condition applies to Emission Unit: 1-POWER

Item 33.2:

The opacity standards set forth in this part shall apply at all times except during periods of startup, shutdown, malfunction, and as otherwise provided in the applicable standard.

Condition 34: Compliance with Standards and Maintenance Requirements
Effective between the dates of 05/17/2013 and 05/16/2023

Applicable Federal Requirement:40CFR 60.11(d), NSPS Subpart A

Item 34.1:

This Condition applies to Emission Unit: 1-POWER

Item 34.2:

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

Condition 35: Compliance Demonstration
Effective between the dates of 05/17/2013 and 05/16/2023

Applicable Federal Requirement:40CFR 60.11(e)(1), NSPS Subpart A

Item 35.1:



The Compliance Demonstration activity will be performed for:

Emission Unit: 1-POWER

Item 35.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

For the purpose of demonstrating initial compliance, opacity observations shall be conducted concurrently with the initial performance test required in 40 CFR Part 60.8 unless one of the following conditions apply. If no performance test under 40 CFR Part 60.8 is required, then opacity observations shall be conducted within 60 days after achieving the maximum production rate at which the affected facility will be operated but no later than 180 days after initial startup of the facility. If visibility or other conditions prevent the opacity observations from being conducted concurrently with the initial performance test required under 40 CFR Part 60.8, the source owner or operator shall reschedule the opacity observations as soon after the initial performance test as possible, but not later than 30 days thereafter, and shall advise the Administrator of the rescheduled date. In these cases, the 30-day prior notification to the Administrator required in 40 CFR Part 60.7(a)(6) shall be waived. The rescheduled opacity observations shall be conducted (to the extent possible) under the same operating conditions that existed during the initial performance test conducted under 40 CFR Part 60.8. The visible emissions observer shall determine whether visibility or other conditions prevent the opacity observations from being made concurrently with the initial performance test in accordance with procedures contained in Method 9 of appendix B of this part. Opacity readings of portions of plumes which contain condensed, uncombined water vapor shall not be used for purposes of determining compliance with opacity standards. The owner or operator of an affected facility shall make available, upon request by the Administrator, such records as may be necessary to determine the conditions under which the visual observations were made and shall provide evidence indicating proof of current visible observer emission certification. Except as provided in 40 CFR Part 60.11(e)(5), the results of continuous monitoring by transmissometer which indicate that the opacity at the time visual observations were made was not in excess of the standard are probative but not conclusive evidence of the actual opacity of an emission, provided that the source shall meet the burden of proving that the instrument used meets (at the time of the alleged

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violation) Performance Specification 1 in appendix B of this part, has been properly maintained and (at the time of the alleged violation) that the resulting data have not been altered in any way.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA RM 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 36: Use of Credible Evidence
Effective between the dates of 05/17/2013 and 05/16/2023

Applicable Federal Requirement:40CFR 60.11(g), NSPS Subpart A

Item 36.1:

This Condition applies to Emission Unit: 1-POWER

Item 36.2:

For the purpose of submitting compliance certifications or establishing whether or not a person has violated or is in violation of any standard in this part, nothing in this part shall preclude the use, including the exclusive use, of any credible evidence or information, relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed.

Condition 37: Circumvention.
Effective between the dates of 05/17/2013 and 05/16/2023

Applicable Federal Requirement:40CFR 60.12, NSPS Subpart A

Item 37.1:

This Condition applies to Emission Unit: 1-POWER

Item 37.2:

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

Condition 38: Compliance Demonstration
Effective between the dates of 05/17/2013 and 05/16/2023

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

Item 38.1:

The Compliance Demonstration activity will be performed for:

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Emission Unit: 1-POWER

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 38.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

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

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.5 percent by weight

Monitoring Frequency: PER DELIVERY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2013.

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

**Condition 39: Exemption from the averaging period.
Effective between the dates of 05/17/2013 and 05/16/2023**

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

Item 39.1:

This Condition applies to Emission Unit: 1-POWER

Item 39.2:

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

**Condition 40: Enforceability
Effective between the dates of 05/17/2013 and 05/16/2023**

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

Item 40.1:

This Condition applies to Emission Unit: 1-POWER

Item 40.2:

The sulfur dioxide emission limits, percentage reductions, and fuel oil sulfur limitations shall



apply at all times, including periods of startup, shutdown, and malfunction.

Condition 41: Compliance Demonstration
Effective between the dates of 05/17/2013 and 05/16/2023

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

Item 41.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-POWER

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 41.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

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

Parameter Monitored: OPACITY

Upper Permit Limit: 20.0 percent

Reference Test Method: Method 9

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2013.

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

Condition 42: Enforceability of particulate matter and opacity standards.

Effective between the dates of 05/17/2013 and 05/16/2023

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

Item 42.1:

This Condition applies to Emission Unit: 1-POWER

Item 42.2:

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The particulate matter and opacity standards of section 40 CFR 60-Dc.43c apply at all times, except during periods of startup, shutdown, and malfunction.

Condition 43: Compliance Demonstration
Effective between the dates of 05/17/2013 and 05/16/2023

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

Item 43.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: 1-POWER

Item 43.2:
Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

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

Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 0.5 percent by weight
Monitoring Frequency: SINGLE OCCURRENCE
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 44: Exemption from sulfur dioxide monitoring requirements.
Effective between the dates of 05/17/2013 and 05/16/2023

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

Item 44.1:
This Condition applies to Emission Unit: 1-POWER

Item 44.2:
Facilities subject to paragraphs 40 CFR 60-Dc.42c(h)(1), (2), or (3) showing compliance through vendor certification shall be exempt from section 40 CFR 60-Dc.46c.

Condition 45: Compliance Demonstration



Effective between the dates of 05/17/2013 and 05/16/2023

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

Item 45.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-POWER

Item 45.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner and operator of each affected facility shall submit notification of the date of construction or reconstruction, anticipated startup, and actual startup, as provided by 40 CFR 60.7 of this part. This notification shall include:

- (1) The design heat input capacity of the affected facility and identification of fuels to be combusted in the affected facility.
- (2) If applicable, a copy of any Federally enforceable requirement that limits the annual capacity factor for any fuel or mixture of fuels under 40 CFR 60.42c., or 40 CFR 60.43c.
- (3) The annual capacity factor at which the owner or operator anticipates operating the affected facility based on all fuels fired and based on each individual fuel fired.

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 46: Compliance Demonstration

Effective between the dates of 05/17/2013 and 05/16/2023

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

Item 46.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-POWER

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 46.2:

Compliance Demonstration shall include the following monitoring:



Condition 48: Compliance Demonstration
Effective between the dates of 05/17/2013 and 05/16/2023

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

Item 48.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-POWER

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 48.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

Monitoring Frequency: PER DELIVERY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 49: Compliance Demonstration
Effective between the dates of 05/17/2013 and 05/16/2023

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

Item 49.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-POWER

Item 49.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

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Monitoring Description:

The owner or operator of an affected facility shall record and maintain records of the amounts of each fuel combusted during each day.

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2013.

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

Condition 50: Compliance Demonstration
Effective between the dates of 05/17/2013 and 05/16/2023

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

Item 50.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-POWER

Item 50.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2013.

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

Condition 51: Compliance Demonstration
Effective between the dates of 05/17/2013 and 05/16/2023

Applicable Federal Requirement:6 NYCRR 227-1.3

Item 51.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 2-GENER

Item 51.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES



Monitoring Description:

Operators of oil-fired internal combustion engines which are not exempt from permitting and where a continuous opacity monitor is not utilized for measuring smoke emissions, shall be required to perform the following:

1) Observe the stack for each internal combustion engine which is operating on oil once per day for visible emissions. This observation(s) must be conducted during daylight hours except during adverse weather conditions (fog, rain, or snow).

2) The results of each observation must be recorded in a bound logbook or other format acceptable to the Department. The following data must be recorded for each stack:

- weather condition
- was a plume observed?

This logbook must be retained at the facility for five (5) years after the date of the last entry.

3) If the operator observes any visible emissions (other than steam - see below) two consecutive days firing oil (the firing of other fuels in between days of firing oil does not count as an interruption in the consecutive days of firing oil), then a Method 9 analysis (based upon a 6-minute mean) of the affected emission point(s) must be conducted within two (2) business days of such occurrence. The results of the Method 9 analysis must be recorded in the logbook. The operator must contact the Regional Air Pollution Control Engineer within one (1) business day of performing the Method 9 analysis if the opacity standard is contravened. Upon notification, any corrective actions or future compliance schedules shall be presented to the Department for acceptance.

**** NOTE **** Steam plumes generally form after leaving the top of the stack (this is known as a detached plume). The distance between the stack and the beginning of the detached plume may vary, however, there is (normally) a distinctive distance between the plume and stack. Steam plumes are white in color and have a billowy consistency. Steam plumes dissipate within a short distance of the stack (the colder the air the longer the steam plume will last) and leave no dispersion trail downwind of the stack.

Monitoring Frequency: DAILY
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 52: Compliance Demonstration
Effective between the dates of 05/17/2013 and 05/16/2023
Applicable Federal Requirement: 6 NYCRR 227.2 (b) (1)

Item 52.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: 2-GENER

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

Item 52.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:

The two hour average emission of particulates from this stationary combustion installation shall not exceed 0.10 pounds per million Btu of heat input.

Upon request the facility shall perform the following:

- 1) Submit to the Department an acceptable protocol for the testing of particulate emissions in a manner that will determine compliance with the limit cited in this condition.
- 2) Perform a stack test, based upon the approved test protocol, to determine compliance with the particulate emission limit cited in this condition.
- 3) Submit an acceptable stack test report that outlines the results obtained from the testing done to meet the requirement of #2 above.
- 4) Facility shall keep records of all testing done at this stationary combustion installation for a period of 5 years.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.10 pounds per million Btus
Reference Test Method: EPA RM 5
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD - SEE MONITORING



DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION



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 facility owners and/or operators keep records pursuant to compliance with the requirements of 6 NYCRR Subpart 201-5.4, and/or the emission capping requirements of 6 NYCRR Subpart 201-7, the Department will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records. Facility owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department.

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.

Condition 53: Contaminant List
Effective between the dates of 05/17/2013 and 05/16/2023



Applicable State Requirement:ECL 19-0301

Item 53.1:

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 54: Malfunctions and start-up/shutdown activities
Effective between the dates of 05/17/2013 and 05/16/2023**

Applicable State Requirement:6 NYCRR 201-1.4

Item 54.1:

(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

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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 55: Emission Unit Definition
Effective between the dates of 05/17/2013 and 05/16/2023

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 55.1:

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

Emission Unit: 1-POWER

Emission Unit Description:

Four boilers are located in the Mohawk powerhouse. All of the boilers are capable of burning both natural gas and no. 2 fuel oil. The boilers are rated at 83.4 MMbtu/hr burning natural gas and 79.4 MMbtu/hr each burning no. 2 fuel oil. The boilers are subject to 40 CFR Subpart Dc, NSPS, and 40 CFR 63 Subpart JJJJJ NESHAP. The boilers have individual stacks.

Building(s): 32

Item 55.2:

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

Emission Unit: 2-GENER

Emission Unit Description:

Five diesel generators are used in the coordinated energy demand response program (CDRP) and for emergency power. The generators are subject to 40 CFR 63 Subpart ZZZZ NESHAP.

Building(s): 32/52

Condition 56: Renewal deadlines for state facility permits
Effective between the dates of 05/17/2013 and 05/16/2023

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

Item 56.1:

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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 57: Compliance Demonstration
Effective between the dates of 05/17/2013 and 05/16/2023

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

Item 57.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 57.2:

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 6
State Office Building
317 Washington Ave.
Watertown, NY 13601

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 58: Visible Emissions Limited
Effective between the dates of 05/17/2013 and 05/16/2023

Applicable State Requirement:6 NYCRR 211.2

Item 58.1:

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

**** Emission Unit Level ****

Condition 59: Emission Point Definition By Emission Unit
Effective between the dates of 05/17/2013 and 05/16/2023

Applicable State Requirement:6 NYCRR Subpart 201-5



Item 59.1:

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

Emission Unit: 1-POWER

Emission Point: 0001A
Height (ft.): 101 Diameter (in.): 43
NYTMN (km.): 4781.4 NYTME (km.): 460.6 Building: 32

Emission Point: 0002A
Height (ft.): 101 Diameter (in.): 43
NYTMN (km.): 4781.4 NYTME (km.): 460.6 Building: 32

Emission Point: 0003A
Height (ft.): 101 Diameter (in.): 43
NYTMN (km.): 4781.4 NYTME (km.): 460.6 Building: 32

Emission Point: 0004A
Height (ft.): 101 Diameter (in.): 43
NYTMN (km.): 4781.4 NYTME (km.): 460.6 Building: 32

Item 59.2:

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

Emission Unit: 2-GENER

Emission Point: 0005A
Height (ft.): 20 Diameter (in.): 20
NYTMN (km.): 4781.4 NYTME (km.): 460.6 Building: 32/52

Emission Point: 0006A
Height (ft.): 11 Diameter (in.): 10
NYTMN (km.): 4781.4 NYTME (km.): 460.6 Building: 32/52

Emission Point: 0007A
Height (ft.): 29 Diameter (in.): 12
NYTMN (km.): 4781.4 NYTME (km.): 460.6 Building: 32/52

Emission Point: 0008A
Height (ft.): 29 Diameter (in.): 12
NYTMN (km.): 4781.4 NYTME (km.): 460.6 Building: 32/52

Emission Point: 0009A
Height (ft.): 11 Diameter (in.): 10
NYTMN (km.): 4781.4 NYTME (km.): 460.6 Building: 32/52

Condition 60: Process Definition By Emission Unit
Effective between the dates of 05/17/2013 and 05/16/2023

Applicable State Requirement:6 NYCRR Subpart 201-5



Item 60.1:

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

Emission Unit: 1-POWER
Process: GAS Source Classification Code: 1-02-006-02
Process Description: The four powerhouse boilers burn natural gas.

Emission Source/Control: 00P01 - Combustion
Design Capacity: 83.4 million Btu per hour

Emission Source/Control: 00P02 - Combustion
Design Capacity: 83.4 million Btu per hour

Emission Source/Control: 00P03 - Combustion
Design Capacity: 83.4 million Btu per hour

Emission Source/Control: 00P04 - Combustion
Design Capacity: 83.4 million Btu per hour

Item 60.2:

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

Emission Unit: 1-POWER
Process: OIL Source Classification Code: 1-02-005-02
Process Description: The four powerhouse boilers burn no. 2 fuel oil.

Emission Source/Control: 00P01 - Combustion
Design Capacity: 83.4 million Btu per hour

Emission Source/Control: 00P02 - Combustion
Design Capacity: 83.4 million Btu per hour

Emission Source/Control: 00P03 - Combustion
Design Capacity: 83.4 million Btu per hour

Emission Source/Control: 00P04 - Combustion
Design Capacity: 83.4 million Btu per hour

Item 60.3:

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

Emission Unit: 2-GENER
Process: GEN Source Classification Code: 2-02-001-09
Process Description:
Five diesel generators provide emergency power and are included in an energy demand response program.

Emission Source/Control: 00G01 - Combustion
Design Capacity: 125 kilowatts

Emission Source/Control: 00G02 - Combustion
Design Capacity: 800 kilowatts



Emission Source/Control: 00G03 - Combustion
Design Capacity: 1,500 kilowatts

Emission Source/Control: 00G04 - Combustion
Design Capacity: 1,600 kilowatts

Emission Source/Control: 00G05 - Combustion
Design Capacity: 900 kilowatts

