



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility

Permit ID: 4-0101-00164/00005

Mod 0 Effective Date: 07/01/2011 Expiration Date: 06/30/2016

Mod 1 Effective Date: 08/26/2011 Expiration Date: 06/30/2016

Permit Issued To: U S DEPT OF VETERANS AFFAIRS
810 VERNON AVE NW
WASHINGTON, DC 20420

Contact: GLENN CYPHERS
U S VETERANS ADMINISTRATION HOSPITAL
113 HOLLAND AVE
ALBANY, NY 12208
(518) 626-6935

Facility: U S VETERANS ADMINISTRATION HOSPITAL
113 HOLLAND AVE
ALBANY, NY 12208

Description:
Stratton VA Medical Center (Albany VA) is a general medical hospital.

This permit authorizes the operation of three 33 Million Btu/hr. dual fuel natural gas boilers (using No. 2 & No. 4 fuel oil as backup fuel) for the facility's heating requirements.

This permit also authorizes the operation of one 16.7 Million Btu/hr. dual fuel natural gas boiler (using No. 2 fuel oil as backup fuel).

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: ANGELO A MARCUCCIO
NYSDEC
1130 N WESTCOTT RD
SCHENECTADY, NY 12306-2014

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

Permit modifications, suspensions or revocations by the Department

Facility Level

Submission of application for permit modification or
renewal-REGION 4 HEADQUARTERS



DEC GENERAL CONDITIONS

**** General Provisions ****

GENERAL CONDITIONS - Apply to ALL Authorized Permits.

Condition 1: Facility Inspection by the Department

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

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

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

Item 2.1:

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

Condition 3: Applications for permit renewals, modifications and transfers

Applicable State Requirement: **6 NYCRR 621.11**

Item 3.1:

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

Item 3.2:

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

Item 3.3:

Permits are transferable 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.



Department

Applicable State Requirement: **6 NYCRR 621.13**

Item 1-1.1:

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

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

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

Applicable State Requirement: **6 NYCRR 621.13**

Item 4.1:

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

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

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

Condition 5: Submission of application for permit modification or renewal-REGION 4

HEADQUARTERS

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

Item 5.1:

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

NYSDEC Regional Permit Administrator
Region 4 Headquarters
Division of Environmental Permits
1130 North Westcott Rd.
Schenectady, NY 12306-2014
(518) 357-2069



New York State Department of Environmental Conservation
Permit ID: 4-0101-00164/00005 Facility DEC ID: 4010100164

Permit Under the Environmental Conservation Law (ECL)

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

IDENTIFICATION INFORMATION

Permit Issued To: U S DEPT OF VETERANS AFFAIRS
810 VERMONT AVE NW
WASHINGTON, DC 20420

Facility: U S VETERANS ADMINISTRATION HOSPITAL
113 HOLLAND AVE
ALBANY, NY 12208

Authorized Activity By Standard Industrial Classification Code:
8062 - GENERAL MEDICAL & SURGICAL HOSPITALS

Mod 0 Permit Effective Date: 07/01/2011 Permit Expiration Date: 06/30/2016

Mod 1 Permit Effective Date: 08/26/2011 Permit Expiration Date: 06/30/2016



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

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- 2 6 NYCRR Subpart 201-7: Facility Permissible Emissions
- *3 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 1-1 6 NYCRR 211.1: Air pollution prohibited
- 4 6 NYCRR 225-1.2 (a) (2): Compliance Demonstration
- 5 6 NYCRR 225-1.2 (a) (2): Compliance Demonstration
- 6 6 NYCRR 225-1.8: Compliance Demonstration
- 7 6 NYCRR 225-1.8 (a): Compliance Demonstration
- 8 6 NYCRR 225-1.8 (d): Sampling, compositing, and analysis of fuel samples
- 9 6 NYCRR 227-1.3: Compliance Demonstration
- 10 6 NYCRR 227-1.3 (a): Compliance Demonstration
- 11 6 NYCRR 227-1.6 (b): Corrective action.
- 12 6 NYCRR 227-1.6 (c): Corrective action.
- 13 6 NYCRR 227-1.6 (d): Corrective action.
- 14 6 NYCRR 227-1.7 (a): Emission data
- 15 40CFR 60, NSPS Subpart A: Applicability of Subpart A General Provisions
- 16 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
- 17 40CFR 60.7(a), NSPS Subpart A: Date of construction notification -
If a COM is not used.
- 18 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 19 40CFR 60.7(c), NSPS Subpart A: Compliance Demonstration
- 20 40CFR 60.7(d), NSPS Subpart A: Excess emissions report.
- 21 40CFR 60.7(e), NSPS Subpart A: Monitoring frequency waiver.
- 22 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
- 23 40CFR 60.7(g), NSPS Subpart A: Notification Similar to State or
Local Agency
- 24 40CFR 60.8(a), NSPS Subpart A: Performance testing timeline.
- 25 40CFR 60.8(b), NSPS Subpart A: Performance Test Methods - Waiver
- 26 40CFR 60.8(c), NSPS Subpart A: Required performance test information.
- 27 40CFR 60.8(d), NSPS Subpart A: Prior notice.
- 28 40CFR 60.8(e), NSPS Subpart A: Performance testing facilities.
- 29 40CFR 60.8(f), NSPS Subpart A: Number of required tests.
- 30 40CFR 60.9, NSPS Subpart A: Availability of information.
- 31 40CFR 60.11, NSPS Subpart A: Opacity standard compliance testing.
- 32 40CFR 60.12, NSPS Subpart A: Circumvention.
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- 34 40CFR 60.15, NSPS Subpart A: Reconstruction
- 35 40CFR 60.42c(d), NSPS Subpart Dc: Compliance Demonstration
- 36 40CFR 60.42c(h), NSPS Subpart Dc: Exemption from the averaging period
- 37 40CFR 60.42c(i), NSPS Subpart Dc: Enforceability
- 38 40CFR 60.44c(h), NSPS Subpart Dc: Compliance Demonstration
- 39 40CFR 60.46c(e), NSPS Subpart Dc: Exemption from sulfur dioxide
monitoring requirements
- 40 40CFR 60.47c(c), NSPS Subpart Dc: Emissions monitoring
- 41 40CFR 60.48c(a), NSPS Subpart Dc: Compliance Demonstration
- 42 40CFR 60.48c(d), NSPS Subpart Dc: Compliance Demonstration



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- 44 40CFR 60.48c(f)(1), NSPS Subpart Dc: Compliance Demonstration
- 45 40CFR 60.48c(g)(2), NSPS Subpart Dc: Alternative recordkeeping
- 46 40CFR 60.48c(i), NSPS Subpart Dc: Compliance Demonstration
- 47 40CFR 60.48c(j), NSPS Subpart Dc: Compliance Demonstration

Emission Unit Level

EU=1-BOILR

- 48 6 NYCRR 227-1.2 (b): Multiple combustion sources.

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 49 ECL 19-0301: Contaminant List
- 50 6 NYCRR 201-1.4: Unavoidable noncompliance and violations
- 51 6 NYCRR Subpart 201-5: Emission Unit Definition
- 52 6 NYCRR 211.2: Visible Emissions Limited

Emission Unit Level

- 53 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
- 54 6 NYCRR Subpart 201-5: Process Definition By Emission Unit

NOTE: * preceding the condition number indicates capping.



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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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

Item A: Sealing - 6 NYCRR 200.5

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

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

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

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

Item B: Acceptable Ambient Air Quality - 6 NYCRR 200.6

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

Item C: Maintenance of Equipment - 6 NYCRR 200.7

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



required to operate such device effectively.

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

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

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

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

Item E: Emergency Defense - 6 NYCRR 201-1.5

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

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

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

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

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

(4) The facility owner and/or operator notified the Department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

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



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

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

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

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

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

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

The owner and/or operator of an emission source or unit that is eligible to be exempt, may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request.

Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

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

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

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



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

Item K: Visible Emissions Limited - 6 NYCRR 211.3

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

Item L: Open Fires Prohibitions - 6 NYCRR 215.2

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

Item M: Permit Exclusion - ECL 19-0305

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

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

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



regulations.

FEDERAL APPLICABLE REQUIREMENTS
The following conditions are federally enforceable.

Condition 1: Required Emissions Tests
Effective between the dates of 07/01/2011 and 06/30/2016

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 1.1:

For the purpose of ascertaining compliance or non-compliance with any air pollution control code, rule or regulation, the commissioner may require the person who owns such air contamination source to submit an acceptable report of measured emissions within a stated time.

Condition 2: Facility Permissible Emissions
Effective between the dates of 07/01/2011 and 06/30/2016

Applicable Federal Requirement:6 NYCRR Subpart 201-7

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: 007446-09-5 (From Mod 1) PTE: 194,000 pounds
per year
Name: SULFUR DIOXIDE

Condition 3: Capping Monitoring Condition
Effective between the dates of 07/01/2011 and 06/30/2016

Applicable Federal Requirement:6 NYCRR Subpart 201-7

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 Subpart 201-6

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: 007446-09-5 **SULFUR DIOXIDE**

Item 3.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Facility SO₂ emissions are capped at 97 tons per year by limiting fuel combustion based on the following:

$$(0.6 \text{ lb SO}_2 \text{ (A)} + 142S \text{ lb SO}_2 \text{ (B)} + 150S \text{ lb SO}_2 \text{ (C)})/2000$$

lb/ton is less than or equal to 97 tons of SO₂/year.

where: A=natural gas burned (mmc); B=No. 2 fuel oil burned (1,000 gallons); C=No. 4 fuel burned (1,000 gallons); and S=% percent sulfur content of fuel oil (e.g. for 1% sulfur fuel, S=1).

NO_x, CO, PM, PM10, VOC and HAP each has the potential to emit less than the major source thresholds. The volume of fuels fired must be included with the annual report.

Parameter Monitored: **SULFUR DIOXIDE**

Upper Permit Limit: 97 tons per year

Monitoring Frequency: **MONTHLY**

Averaging Method: **ANNUAL TOTAL ROLLED MONTHLY**



Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

An owner or operator of a facility which purchases and fires coal and/or fuel oil shall compile and retain records of the following information:

- a. fuel analyses and data on the quantities of all residual and distillate oil and coal received, burned or sold;
- b. the names of all purchasers of all residual and distillate oil and coal sold;
- c. any results of stack sampling, stack monitoring and other procedures used to ensure compliance with the provisions of 6 NYCRR Part 225-1.

Fuel analyses must contain, as a minimum, data on the sulfur content, specific gravity and heating value of any residual oil, distillate oil or coal received, burned or sold. Ash content shall also be included in the fuel analyses for any residual oil or coal received, burned or sold.

These records shall be retained for a minimum period of three years. If the facility is subject to Title V requirements the minimum record retention period shall be five years. The records shall be made available for inspection by department staff during normal business hours. In addition, copies of such records shall be furnished to department staff upon request. All required sampling, compositing and analysis of fuel samples must be done in accordance with methods acceptable to the department.

Monitoring Frequency: PER DELIVERY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2012.

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

Condition 7: Compliance Demonstration
Effective between the dates of 07/01/2011 and 06/30/2016

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

Item 7.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 7.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:



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

Monitoring Frequency: PER DELIVERY

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 8: Sampling, compositing, and analysis of fuel samples
Effective between the dates of 07/01/2011 and 06/30/2016

Applicable Federal Requirement:6 NYCRR 225-1.8 (d)

Item 8.1:

All sampling, compositing, and analysis of fuel samples, taken to determine compliance with 6 NYCRR Part 225-1, must be done in accordance with methods acceptable to the commissioner.

Condition 9: Compliance Demonstration

Effective between the dates of 07/01/2011 and 06/30/2016

Applicable Federal Requirement:6 NYCRR 227-1.3

Item 9.1:

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

Emission Unit: 1-BOILR Process: PR2 Emission Source: BOIL1

Emission Unit: 1-BOILR Process: PR2 Emission Source: BOIL2

Emission Unit: 1-BOILR Process: PR2 Emission Source: BOIL3

Emission Unit: 1-BOILR Process: PR2 Emission Source: BOIL4

Emission Unit: 1-BOILR Process: PR3 Emission Source: BOIL1

Emission Unit: 1-BOILR Emission Source: BOIL 2
Process: PR3

Emission Unit: 1-BOILR Emission Source: BOIL 3
Process: PR3

Item 9.2:



Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Operators of oil-fired boilers 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 boiler 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:

- date and time of day
- observer's name
- identity of emission point
- weather condition
- was a plume observed?

Inclement weather conditions shall be recorded for those days when observations are prohibited. 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: UPON REQUEST BY REGULATORY AGENCY

Condition 10: Compliance Demonstration

Effective between the dates of 07/01/2011 and 06/30/2016

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

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: 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 6 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

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 11: Corrective action.

Effective between the dates of 07/01/2011 and 06/30/2016

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

Item 11.1:

The commissioner may seal such stationary combustion installation so as to prevent any operation if the conditions of paragraphs 6 NYCRR Part 227-1.6(a)(1)-(3) are not met within the time provided by the order of final determination issued in the case of the violation.

Condition 12: Corrective action.

Effective between the dates of 07/01/2011 and 06/30/2016

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

Item 12.1:

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 13: Corrective action.

Effective between the dates of 07/01/2011 and 06/30/2016

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

Item 13.1:

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

Condition 14: Emission data

Effective between the dates of 07/01/2011 and 06/30/2016

Applicable Federal Requirement:6 NYCRR 227-1.7 (a)

Item 14.1:

Any person who owns or operates a stationary combustion installation subject to 6 NYCRR Part 227-1 shall provide emissions data when so requested by the commissioner.

Condition 15: Applicability of Subpart A General Provisions

Effective between the dates of 07/01/2011 and 06/30/2016

Applicable Federal Requirement:40CFR 60, NSPS Subpart A



Item 15.1:

This Condition applies to:

Emission Unit: 1BOILR
Process: PR1 Emission Source: BOIL4

Emission Unit: 1BOILR
Process: PR2 Emission Source: BOIL4

Item 15.2:

This emission source is subject to the applicable general provisions of 40 CFR 60. The facility owner is responsible for complying with all applicable technical, administrative and reporting requirements.

Condition 16: EPA Region 2 address.

Effective between the dates of 07/01/2011 and 06/30/2016

Applicable Federal Requirement:40CFR 60.4, NSPS Subpart A

Item 16.1:

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 17: Date of construction notification - If a COM is not used.

Effective between the dates of 07/01/2011 and 06/30/2016

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

Item 17.1:

This Condition applies to:

Emission Unit: 1BOILR
Process: PR1 Emission Source: BOIL4

Emission Unit: 1BOILR



New York State Department of Environmental Conservation

Permit ID: 4-0101-00164/00005

Facility DEC ID: 4010100164

Process: PR2

Emission Source: BOIL4

Item 17.2:

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

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

Condition 18: Recordkeeping requirements.

Effective between the dates of 07/01/2011 and 06/30/2016

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

Item 18.1:

This Condition applies to:

Emission Unit: 1BOILR

Process: PR1

Emission Source: BOIL4

Emission Unit: 1BOILR

Process: PR2

Emission Source: BOIL4

Item 18.2:

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 19: Compliance Demonstration

Effective between the dates of 07/01/2011 and 06/30/2016

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

Item 19.1:



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Facility DEC ID: 4010100164

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

Emission Unit: 1-BOILR Emission Source: BOILR

Emission Unit: 1-BOILR Emission Source: BOILR

Item 19.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

- 1) the magnitude of excess emissions computed, any conversion factors used, the date and time of each occurrence, and the process operating time during the reporting period;
- 2) specific identification of each period of excess emissions that occur during startup, shutdown, or malfunction, where the nature, cause, and corrective action are provided for a malfunction;
- 3) the date and time identifying each period during which the continuous monitoring system was inoperative except for zero and span checks and the nature of the system repairs or adjustments; and
- 4) when no excess emissions have occurred or when the continuous monitoring system(s) have not been inoperative, repaired, or adjusted, such information shall be provided in the report.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2012.

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

Condition 20: Excess emissions report.

Effective between the dates of 07/01/2011 and 06/30/2016



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

Item 20.1:

This Condition applies to:

Emission Unit: 1BOILR
Process: PR1 Emission Source: BOIL4

Emission Unit: 1BOILR
Process: PR2 Emission Source: BOIL4

Item 20.2:

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

Condition 21: Monitoring frequency waiver.

Effective between the dates of 07/01/2011 and 06/30/2016

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

Item 21.1:

This Condition applies to:

Emission Unit: 1BOILR
Process: PR1 Emission Source: BOIL4

Emission Unit: 1BOILR
Process: PR2 Emission Source: BOIL4

Item 21.2: Notwithstanding the frequency of reporting requirements specified in paragraph (c) of this section, an owner or operator who is required by an applicable subpart to submit excess emissions and monitoring systems performance reports (and summary reports) on a quarterly (or more frequent) basis may reduce the frequency of reporting for that standard to semiannual if the conditions in 40 CFR 60.7(e) are met.

Condition 22: Facility files for subject sources.

Effective between the dates of 07/01/2011 and 06/30/2016

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

Item 22.1:

This Condition applies to:

Emission Unit: 1BOILR
Process: PR1 Emission Source: BOIL4

Emission Unit: 1BOILR
Process: PR2 Emission Source: BOIL4



Item 22.2:

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

Condition 23: Notification Similar to State or Local Agency
Effective between the dates of 07/01/2011 and 06/30/2016

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

Item 23.1:

This Condition applies to:

Emission Unit: 1BOILR
Process: PR1 Emission Source: BOIL4

Emission Unit: 1BOILR
Process: PR2 Emission Source: BOIL4

Item 23.2:

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 24: Performance testing timeline.
Effective between the dates of 07/01/2011 and 06/30/2016

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

Item 24.1:

This Condition applies to:

Emission Unit: 1BOILR
Process: PR1 Emission Source: BOIL4

Emission Unit: 1BOILR
Process: PR2 Emission Source: BOIL4

Item 24.2:

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

Condition 25: Performance Test Methods - Waiver
Effective between the dates of 07/01/2011 and 06/30/2016



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

Item 25.1:

This Condition applies to:

Emission Unit: 1BOILR Process: PR2 Emission Source: BOIL4

Item 25.2:

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

Condition 26: Required performance test information.

Effective between the dates of 07/01/2011 and 06/30/2016

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

Item 26.1:

This Condition applies to:

Emission Unit: 1BOILR Process: PR2 Emission Source: BOIL4

Item 26.2:

Performance tests shall be conducted under such conditions specified by the Administrator, based upon representative performance data supplied by the owner or operator of the facility.

Condition 27: Prior notice.

Effective between the dates of 07/01/2011 and 06/30/2016

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

Item 27.1:

This Condition applies to:

Emission Unit: 1BOILR



Process: PR1 Emission Source: BOIL4

Emission Unit: 1BOILR
Process: PR2 Emission Source: BOIL4

Item 27.2:

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

Condition 28: Performance testing facilities.

Effective between the dates of 07/01/2011 and 06/30/2016

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

Item 28.1:

This Condition applies to:

Emission Unit: 1BOILR
Process: PR1 Emission Source: BOIL4

Emission Unit: 1BOILR
Process: PR2 Emission Source: BOIL4

Item 28.2:

The following performance testing facilities shall be provided during all tests:

- 1) sampling ports adequate for tests methods applicable to such facility;
- 2) a safe sampling platform;
- 3) a safe access to the sampling platform; and
- 4) utilities for sampling and testing equipment.

Condition 29: Number of required tests.

Effective between the dates of 07/01/2011 and 06/30/2016

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

Item 29.1:

This Condition applies to:

Emission Unit: 1BOILR
Process: PR1 Emission Source: BOIL4

Emission Unit: 1BOILR
Process: PR2 Emission Source: BOIL4

Item 29.2:

Each performance test shall consist of three separate runs, at the specified duration required in



the applicable test method. Compliance with all applicable standards shall be determined by using the arithmetic means of the results of the three runs.

Condition 30: Availability of information.
Effective between the dates of 07/01/2011 and 06/30/2016

Applicable Federal Requirement:40CFR 60.9, NSPS Subpart A

Item 30.1:

This Condition applies to:

Emission Unit: 1BOILR
Process: PR1 Emission Source: BOIL4

Emission Unit: 1BOILR
Process: PR2 Emission Source: BOIL4

Item 30.2:

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

Condition 31: Opacity standard compliance testing.
Effective between the dates of 07/01/2011 and 06/30/2016

Applicable Federal Requirement:40CFR 60.11, NSPS Subpart A

Item 31.1:

This Condition applies to:

Emission Unit: 1BOILR
Process: PR1 Emission Source: BOIL4

Emission Unit: 1BOILR
Process: PR2 Emission Source: BOIL4

Item 31.2:

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 of 40 CFR Part 60(or an equivalent method approved by the Administrator including continuous opacity monitors);

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

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

Condition 32: Circumvention.
Effective between the dates of 07/01/2011 and 06/30/2016



Applicable Federal Requirement:40CFR 60.12, NSPS Subpart A

Item 32.1:

This Condition applies to:

Emission Unit: 1BOILR
Process: PR1 Emission Source: BOIL4

Emission Unit: 1BOILR
Process: PR2 Emission Source: BOIL4

Item 32.2:

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 33: Modifications.

Effective between the dates of 07/01/2011 and 06/30/2016

Applicable Federal Requirement:40CFR 60.14, NSPS Subpart A

Item 33.1:

This Condition applies to:

Emission Unit: 1BOILR
Process: PR1 Emission Source: BOIL4

Emission Unit: 1BOILR
Process: PR2 Emission Source: BOIL4

Item 33.2:

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

Condition 34: Reconstruction

Effective between the dates of 07/01/2011 and 06/30/2016

Applicable Federal Requirement:40CFR 60.15, NSPS Subpart A

Item 34.1:

This Condition applies to:

Emission Unit: 1BOILR
Process: PR1 Emission Source: BOIL4

Emission Unit: 1BOILR



Process: PR2

Emission Source: BOIL4

Item 34.2:

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

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

Condition 35: Compliance Demonstration

Effective between the dates of 07/01/2011 and 06/30/2016

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

Item 35.1:

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

Emission Unit: 1-BOILR

Process: PR2

Emission Source: BOIL4

Item 35.2:

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



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Upper Permit Limit: 0.50 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 1/30/2012.

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

Condition 36: Exemption from the averaging period

Effective between the dates of 07/01/2011 and 06/30/2016

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

Item 36.1:

This Condition applies to:

Emission Unit: 1BOILR

Process: PR1

Emission Source: BOIL4

Emission Unit: 1BOILR

Process: PR2

Emission Source: BOIL4

Item 36.2:

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 37: Enforceability

Effective between the dates of 07/01/2011 and 06/30/2016

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

Item 37.1:

This Condition applies to:

Emission Unit: 1BOILR

Process: PR2

Emission Source: BOIL4

Item 37.2:

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 38: Compliance Demonstration

Effective between the dates of 07/01/2011 and 06/30/2016

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

Item 38.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:



Emission Unit: 1-BOILR
Process: PR2

Emission Source: BOIL4

Item 38.2:

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: 0.50 percent by weight

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 39: **Exemption from sulfur dioxide monitoring requirements**
Effective between the dates of 07/01/2011 and 06/30/2016

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

Item 39.1:

This Condition applies to:

Emission Unit: 1BOILR Emission Point: 00002
Process: PR2 Emission Source: BOIL4

Item 39.2:

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 40: **Emissions monitoring**
Effective between the dates of 07/01/2011 and 06/30/2016

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

Item 40.1:

This Condition applies to:

Emission Unit: 1BOILR
Process: PR2 Emission Source: BOIL4

Item 40.2:



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Affected facilities that burn only distillate oil that contains no more than 0.5 weight percent sulfur and/or liquid or gaseous fuels with potential sulfur dioxide emission rates of 26 ng/J (0.06 lb/MMBtu) heat input or less and that do not use a post-combustion technology to reduce SO₂ or PM emissions are not required to operate a CEMS for measuring opacity if they follow the applicable procedures under 40 CFR 60.48c(f).

Condition 41: Compliance Demonstration

Effective between the dates of 07/01/2011 and 06/30/2016

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

Item 41.1:

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

Emission Unit: 1-BOILR

Process: PR1

Emission Source: BOIL4

Emission Unit: 1-BOILR

Process: PR2

Emission Source: BOIL4

Item 41.2:

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 42: Compliance Demonstration

Effective between the dates of 07/01/2011 and 06/30/2016



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

Item 42.1:

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

Emission Unit: 1-BOILR
Process: PR2 Emission Source: BOIL4

Item 42.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The owner or operator of each affected facility subject
to the SO2 emission limits, fuel oil sulfur limits, or
percent reduction requirements under §60.42c shall submit
semi-annual reports to the Administrator.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 43: Compliance Demonstration

Effective between the dates of 07/01/2011 and 06/30/2016

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

Item 43.1:

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

Emission Unit: 1-BOILR
Process: PR1 Emission Source: BOIL4

Emission Unit: 1-BOILR
Process: PR2 Emission Source: BOIL4

Item 43.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The owner or operator of each affected facility subject
to the SO2 emission limits, fuel oil sulfur limits, or
percent reduction requirements under §60.42c shall keep
records as required under §60.48c(d) including the
following information.

If fuel supplier certification is used to demonstrate
compliance, records of fuel supplier certification as
described under paragraph §60.48c(f)(1)(2) or (3). In
addition to records of fuel supplier certification, the
semi-annual report shall include a certified statement



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signed by the owner or operator of the affected facility that the records of fuel supplier certifications submitted represent all of the fuel combusted during the period.

**Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION**

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 44: Compliance Demonstration
Effective between the dates of 07/01/2011 and 06/30/2016

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

Item 44.1:

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

Emission Unit: 1-BOILR Process: PR2 Emission Source: BOIL4

Item 44.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

**Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION**

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 45: Alternative recordkeeping
Effective between the dates of 07/01/2011 and 06/30/2016

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

Item 45.1:

This Condition applies to:

Emission Unit: 1BOILR



Process: PR1 Emission Source: BOIL4

Emission Unit: 1BOILR
Process: PR2 Emission Source: BOIL4

Item 45.2:

As an alternative to meeting the requirements of 40 CFR 60.48c(g)(1), the owner or operator of an affected facility that combusts only natural gas, wood, fuels using fuel certification in 40 CFR 60.48c(f) to demonstrate compliance with the SO₂ standard, fuels not subject to an emissions standard (excluding opacity), or a mixture of these fuels may elect to record and maintain records of the amount of each fuel combusted during each calendar month.

Condition 46: Compliance Demonstration
Effective between the dates of 07/01/2011 and 06/30/2016

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

Item 46.1:

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

Emission Unit: 1-BOILR
Process: PR1 Emission Source: BOIL4

Emission Unit: 1-BOILR
Process: PR2 Emission Source: BOIL4

Item 46.2:

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.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 47: Compliance Demonstration
Effective between the dates of 07/01/2011 and 06/30/2016

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

Item 47.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 47.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:



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

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

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

Condition 48: Multiple combustion sources.
Effective between the dates of 07/01/2011 and 06/30/2016

Applicable Federal Requirement:6 NYCRR 227-1.2 (b)

Item 48.1:
This Condition applies to Emission Unit: 1-BOILR

Item 48.2:
The total heat input of all furnaces connected to the same stack or pollution control device shall be used to calculate the permissible particulate emission rate.



STATE ONLY ENFORCEABLE CONDITIONS
**** Facility Level ****

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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

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

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

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

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

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

STATE ONLY APPLICABLE REQUIREMENTS

The following conditions are state only enforceable.



Condition 49: Contaminant List

Effective between the dates of 07/01/2011 and 06/30/2016

Applicable State Requirement:ECL 19-0301

Item 49.1:

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

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

Condition 50: Unavoidable noncompliance and violations

Effective between the dates of 07/01/2011 and 06/30/2016

Applicable State Requirement:6 NYCRR 201-1.4

Item 50.1:

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

(a) The facility owner and/or operator shall compile and maintain records of all equipment maintenance or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the commissioner's representative when requested to do so in writing or when so required by a condition of a permit issued for the corresponding air contamination source except where conditions elsewhere in this permit which contain more stringent reporting and notification provisions for an applicable requirement, in which case they supercede those stated here. Such reports shall describe why the violation was unavoidable and shall include the time, frequency and duration of the maintenance and/or start-up/shutdown activities and the identification of air contaminants, and the estimated emission rates. If a facility owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, he need not submit reports for equipment maintenance or start-up/shutdown for the facility to the commissioner's representative.

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

(c) The Department may also require the owner and/or operator to include in reports

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described under (a) and (b) above an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions depending on the deviation of the malfunction and the air contaminants emitted.

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

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

Condition 51: Emission Unit Definition**Effective between the dates of 07/01/2011 and 06/30/2016****Applicable State Requirement:6 NYCRR Subpart 201-5****Item 51.1(From Mod 1):**

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

Emission Unit: 1-BOILR

Building(s): 4

Condition 52: Visible Emissions Limited**Effective between the dates of 07/01/2011 and 06/30/2016****Applicable State Requirement:6 NYCRR 211.2****Item 52.1:**

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 53: Emission Point Definition By Emission Unit****Effective between the dates of 07/01/2011 and 06/30/2016****Applicable State Requirement:6 NYCRR Subpart 201-5****Item 53.1(From Mod 1):**

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

Emission Unit: 1-BOILR



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Emission Point: 00001
Height (ft.): 175 Diameter (in.): 110
NYTMN (km.): 4726.2 NYTME (km.): 594.6 Building: 4

Emission Point: 00002
Height (ft.): 20 Diameter (in.): 24
NYTMN (km.): 4726.2 NYTME (km.): 594.6 Building: 4

Condition 54: Process Definition By Emission Unit
Effective between the dates of 07/01/2011 and 06/30/2016

Applicable State Requirement: 6 NYCRR Subpart 201-5

Item 54.1(From Mod 1):

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

Emission Unit: 1-BOILR
Process: PR1
Process Description: Boilers firing on Natural Gas.

Emission Source/Control: BOIL1 - Combustion
Design Capacity: 33 million Btu per hour

Emission Source/Control: BOIL2 - Combustion
Design Capacity: 33 million Btu per hour

Emission Source/Control: BOIL3 - Combustion
Design Capacity: 33 million Btu per hour

Emission Source/Control: BOIL4 - Combustion
Design Capacity: 16.7 million Btu per hour

Item 54.2(From Mod 1):

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

Emission Unit: 1-BOILR
Process: PR2
Process Description: Boiler firing on #2 fuel oil.

Emission Source/Control: BOIL1 - Combustion
Design Capacity: 33 million Btu per hour

Emission Source/Control: BOIL2 - Combustion
Design Capacity: 33 million Btu per hour

Emission Source/Control: BOIL3 - Combustion
Design Capacity: 33 million Btu per hour

Emission Source/Control: BOIL4 - Combustion
Design Capacity: 16.7 million Btu per hour

Item 54.3(From Mod 1):



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

Emission Unit: 1-BOILR
Process: PR3
Process Description: Boilers firing on #4 fuel oil.

Emission Source/Control: BOIL1 - Combustion
Design Capacity: 33 million Btu per hour

Emission Source/Control: BOIL2 - Combustion
Design Capacity: 33 million Btu per hour

Emission Source/Control: BOIL3 - Combustion
Design Capacity: 33 million Btu per hour

Emission Source/Control: BOIL4 - Combustion
Design Capacity: 16.7 million Btu per hour

Item 54.4(From Mod 1):

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

Emission Unit: 1-BOILR
Process: PR4
Process Description: Firing boilers on #2 fuel oil.

Emission Source/Control: BOIL4 - Combustion
Design Capacity: 16.7 million Btu per hour

