



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 2-6103-00760/00002
Effective Date: 10/06/2011 Expiration Date: 10/05/2016

Permit Issued To: MAIMONIDES MEDICAL CENTER
48-02 TENTH AVENUE
BROOKLYN, NY 11219-2916

Contact: JOSEPH EARL
MAIMONIDES MEDICAL CENTER
48-02 TENTH AVE
BROOKLYN, NY 11219
(718) 283-7678

Facility: MAIMONIDES MEDICAL CENTER
4802 TENTH AVE
BROOKLYN, NY 11219

Contact: JOSEPH EARL
MAIMONIDES MEDICAL CENTER
48-02 TENTH AVE
BROOKLYN, NY 11219
(718) 283-7678

Description:

PERMIT DESCRIPTION
Maimonides Medical Center
DEC ID # 2-6102-00103/00002 ATV (Ren 2)

This is a Title V permit renewal for Maimonides Medical Center. The existing Title V permit expires on 9/19/2011. Maimonides Medical Center, located at 48-02 10th Avenue in Brooklyn, New York, is a 705-bed hospital which provides healthcare. The Industrial Classification Code (SIC) for this facility is 8062 - General Medical and Surgical Hospitals.

Maimonides Medical Center (MMC) is a Title V facility, operating several emission sources, which include, three boilers, two exempt boilers, five emergency generators, two fume hoods, thirteen storage tanks and one print shop.

In this Title V permit renewal, the facility operates the following emission sources:



1. One 25.2 MM BTU/hr Seambower boiler (Emission Source , firing both natural gas and # 6 fuel oil
2. One 50 MM BTU/hr Babcock & Wilcox boiler, firing both natural gas and # 6 fuel oil
3. One 32.6 MM BTU/hr Nebraska boiler, firing both natural gas and # 6 fuel oil
4. One 2.3 MM BTU/hr Webco boiler, firing # 6 fuel oil only (exempt)
5. Three exempt emergency generators (500, 700 & 800 KW), and two other exempt emergency generators (300 KW each)
6. Thirteen fuel oil storage tanks
- 7 . Two fume hoods
8. One print shop

Maimonides operates boilers which supply steam for the space heating of the building. The steam is partially produced by three (3) dual fuel boilers (Emission Sources S0002, S0003 & S0008), Emission Source S0002 is a 25.2 MM Btu/hr Orr-Seambower boiler (constructed on 1/19/1968), Emission Source S0003 is a 50 MM Btu/hr Babcock & Wilcox boiler (constructed on 1/19/1998), and Emission Source S0008 is a 32.6 MM Btu/hr Nebraska boiler (constructed on 9/1/2004). These three boilers are identified in Emission Unit U-00001 and are capable of firing either residual fuel oil # 6 (Process BOI) or natural gas (Process BNG). Emissions from these three boilers are exhausted through one common stack, which is identified as Emission Point E0001. Maimonides Medical Center consists of two emission units: U-00001 & U-00003. Below is a description of these two emission units:

Emission Unit U-00001 consists of three boilers: one 25.2 MM Btu/hr Orr Seambow (Emission Source S0002), one 50 MM Btu/hr Babcock & Wilcox (Emission Source S0003), and a new 32.6 MM Btu/hr Nebraska (Emission Source S0008). All three boilers are capable of firing # 6 fuel oil (Process BOI) and natural gas (Process BNG). Flue gas from all three boilers will exhaust through the existing common stack (Emission Point E0001). The new Nebraska boiler has individual fuel caps.

The EtO sterilizer equipment was removed from the facility on 11/3/2006. The facility has discontinued the use of EtO sterilizer and associated equipment on 9/22/2006, and on 11/3/2006, the EtO equipment was completely removed from the facility. Therefore, Emission Unit: U-00003, Emission Point: E0003, Process: ETO, and Emission Source/Control: S0006/S0007 were removed from the facility on 11/3/2006, and hence the associated federal, state and compliance monitoring requirements and conditions were also removed. This was reflected in Ren 1, Mod 1 that was



issued on 1/19/2007. The facility has replaced the EtO sterilizer with low temperature plasma system utilizing hydrogen peroxide vapor. No toxic emissions are expected from the replaced system.

The Title V permit contains a complete listing of the applicable federal, state and compliance monitoring requirements for the facility, its emission units, its emission points, and its processes. Maimonides Medical Center is subject to the provisions of Title V specified under 6 NYCRR 201-6 in addition to the following regulations and conditions:

1. In order to cap out of New Source Review, 6 NYCRR 231-2, the new 32.6 MM Btu/hr Nebraska boiler (Emission Source S0008) boiler will be limited to firing 1.5 MM gallons per year of # 6 oil and 80 MM cubic feet per year of natural gas, or any combination, so as not to exceed 46.9 TPY of NO_x emissions. In the event of natural gas shortage, more # 6 fuel oil will be burned, and vice versa, providing that the NO_x emissions will not exceed 46.9 TPY, and the SO₂ emissions will not exceed 35.3 TPY. The incremental NO_x emissions are 39.9 TPY. There is a reduction of 23% in future potential emissions. Fuel records will be maintained at the facility for five years. Based on the fuel consumption provided by the facility, and the emissions calculations, this facility is not subject to New Source Review - Part 231 (netting Analysis). This facility is not subject to PSD either. But this facility is subject to NSPS regulations.

2. The facility is subject to the provisions of Title V for sulfur dioxide and is subject to 6 NYCRR 225-1, fuel composition and use - sulfur limitations, which restricts the sulfur content of distillate fuel oil utilized throughout the facility to 0.30% by weight or less as per 6 NYCRR 225.1(a)(3), which has a more stringent limit for New York City than 40 CFR 60-Dc.42c(h), NSPS.

3. The facility is required to perform annual tune-up to the 50 MM Btu/hr Babcock & Wilcox boiler (Emission Source S0003), and to the 32.6 MM Btu/hr Nebraska boiler (Emission Source S0008) defined in Emission Unit U-00001 as Emission Sources S0003 & S0008, respectively, operating on natural gas (Process BNG) and # 6 fuel oil (Process BOI) as per 6 NYCRR 227-2, reasonably available control technology (RACT) for oxides of nitrogen. The owner or operator of a small boiler (between 20 and 50 MM Btu/hr) shall maintain a log (in the format acceptable to the Department as in Air Guide 33) containing the following information:

- (1) The date which the equipment was adjusted; and
- (2) The name, title, and affiliation of the person who adjusted the



equipment.

4. Emission Point E0001 is subject to the particulate and smoke emission, and corrective action requirements of 6 NYCRR 227-1, stationary combustion installations for the smoke emission for the 20% opacity limit as per 6 NYCRR 227-1.3(a).

5. The facility is required to conduct stack test for the Particulate emission limit of 0.10 pounds per million Btus for stationary combustion units firing oil, for the three small boilers in Emission Unit U-00001 (Emission Sources S00002, S00003 & S00008) in Emission Unit U-00001 and Process BOI, in accordance with the permit condition for 6 NYCRR 227.2(b)(1). The three boilers are subject to the SIP particulate emission requirements under 6 NYCRR 227.2(b)(1) for the # 6 fuel oil process.

6. Emission Sources S0003 & S0008 in Emission Unit U-00001 are subject to Part 60 - Standards of Performance for New Stationary Sources Subpart A - General Provisions for notification and recordkeeping, compliance with standards and maintenance requirements, availability of information, circumvention, monitoring requirements, modification, and reconstruction. These two emission sources in Emission Unit U-00001 are also subject to Subpart Dc - Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units for 40 CFR 60-Dc.40c - Steam generators 10-100 million Btu per hour and 40 CFR 60-Dc.48c(a) for Reporting and Recordkeeping Requirements.

7. Maimonides Medical Center must comply with the requirements for standards of performance for new stationary sources - subpart a - general provisions, 40 CFR 60 Subpart A and 40 CFR 60 Subpart Dc - standards of performance for small industrial-commercial-institutional steam generating units that apply to the installation of the two new boilers (50 MM Btu/hr Babcock & Wilcox and the 32.6 MM Btu/hr Nebraska boilers) in terms of the monitoring, reporting and recordkeeping requirements for the standard for opacity as per 40 CFR 60-Dc.43c(c), and for the particulates as per 40 CFR 60-Dc.47c.

8. All 6 existing emergency generators are RICE - Reciprocating Internal Combustion Engines and are not subject to 40 CFR 60 Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines or subject to 40 CFR 63 Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines.



The facility operates other sources which are considered exempt from permitting in accordance with 6 NYCRR 201-3.2(c), including one (1) boiler (<10 MM BTU/hr), six (6) emergency power generators (<500 hours/yr), fourteen (14) fuel oil storage tanks (<300,000 bbls), one (1) screen printing inks/coatings or adhesives (print shop) and two (2) laboratory fume hoods.

By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, the General Conditions specified and any Special Conditions included as part of this permit.

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

Authorized Signature: _____ Date: ____ / ____ / ____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

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



DEC GENERAL CONDITIONS

****** General Provisions ******

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

GENERAL CONDITIONS - Apply to ALL Authorized Permits.

Condition 1: Facility Inspection by the Department

Applicable State Requirement: ECL 19-0305

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

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

Item 2.1:

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

Condition 3: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:

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

Item 3.2:

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

Item 3.3:

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



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 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 5: Permit modifications, suspensions or revocations by the Department
Applicable State Requirement: 6 NYCRR 621.13

Item 5.1:

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

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

**** Facility Level ****

Condition 6: Submission of application for permit modification or renewal - REGION 2 HEADQUARTERS
Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 6.1:

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

New York State Department of Environmental Conservation

Permit ID: 2-6103-00760/00002

Facility DEC ID: 2610300760



Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: MAIMONIDES MEDICAL CENTER
48-02 TENTH AVENUE
BROOKLYN, NY 11219-2916

Facility: MAIMONIDES MEDICAL CENTER
4802 TENTH AVE
BROOKLYN, NY 11219

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

Permit Effective Date: 10/06/2011

Permit Expiration Date: 10/05/2016



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6 NYCRR 200.6: Acceptable Ambient Air Quality
- 2 6 NYCRR 201-6.5 (a) (7): Fees
- 3 6 NYCRR 201-6.5 (c): Recordkeeping and reporting of compliance monitoring
- 4 6 NYCRR 201-6.5 (c) (2): Monitoring, Related Recordkeeping, and Reporting Requirements.
- 5 6 NYCRR 201-6.5 (c) (3) (ii): Compliance Certification
- 6 6 NYCRR 201-6.5 (e): Compliance Certification
- 7 6 NYCRR 202-2.1: Compliance Certification
- 8 6 NYCRR 202-2.5: Recordkeeping requirements
- 9 6 NYCRR 215.2: Open Fires - Prohibitions
- 10 6 NYCRR 200.7: Maintenance of Equipment
- 11 6 NYCRR 201-1.7: Recycling and Salvage
- 12 6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 13 6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
- 14 6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
- 15 6 NYCRR 201-6.5 (a) (4): Standard Requirement - Provide Information
- 16 6 NYCRR 201-6.5 (a) (8): General Condition - Right to Inspect
- 17 6 NYCRR 201-6.5 (d) (5): Standard Requirements - Progress Reports
- 18 6 NYCRR 201-6.5 (f) (6): Off Permit Changes
- 19 6 NYCRR 202-1.1: Required Emissions Tests
- 20 40 CFR Part 68: Accidental release provisions.
- 21 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 22 6 NYCRR Subpart 201-6: Emission Unit Definition
- 23 6 NYCRR 201-6.5 (g): Non Applicable requirements
- *24 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 25 6 NYCRR 211.1: Air pollution prohibited
- 26 6 NYCRR 225-1.8: Compliance Certification
- 27 6 NYCRR 225.1 (a) (3): Compliance Certification
- 28 6 NYCRR 227-2.4 (c) (1) (i): Compliance Certification
- 29 6 NYCRR 227-2.6 (c): Compliance Certification
- 30 6 NYCRR 227-2.6 (c): Compliance Certification
- 31 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.

Emission Unit Level

- 32 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
- 33 6 NYCRR Subpart 201-6: Process Definition By Emission Unit
- 34 6 NYCRR Subpart 201-7: Emission Unit Permissible Emissions
- 35 6 NYCRR Subpart 201-7: Process Permissible Emissions

EU=U-00001,Proc=BOI

- 36 6 NYCRR 227.2 (b) (1): Compliance Certification

EU=U-00001,EP=E0001

- 37 6 NYCRR 227-1.3 (a): Compliance Certification



EU=U-00001,EP=E0001,Proc=BNG,ES=S0008

*38 6 NYCRR Subpart 201-7: Capping Monitoring Condition

EU=U-00001,EP=E0001,Proc=BOI,ES=S0003

- 39 40CFR 60, NSPS Subpart A: Applicability of General Provisions of 40 CFR 60 Subpart A
- 40 40CFR 60.40c, NSPS Subpart Dc: Applicability of this Subpart to this emission source
- 41 40CFR 60.40c, NSPS Subpart Dc: Compliance Certification
- 42 40CFR 60.42c(d), NSPS Subpart Dc: Compliance Certification
- 43 40CFR 60.42c(h), NSPS Subpart Dc: Exemption from the averaging period.
- 44 40CFR 60.42c(i), NSPS Subpart Dc: Enforceability
- 45 40CFR 60.43c(c), NSPS Subpart Dc: Compliance Certification
- 46 40CFR 60.46c(d)(2), NSPS Subpart Dc: Compliance Certification
- 47 40CFR 60.46c(e), NSPS Subpart Dc: Exemption from sulfur dioxide monitoring requirements.
- 48 40CFR 60.47c, NSPS Subpart Dc: Compliance Certification
- 49 40CFR 60.48c(d), NSPS Subpart Dc: Compliance Certification
- 50 40CFR 60.48c(e)(1), NSPS Subpart Dc: Compliance Certification
- 51 40CFR 60.48c(e)(2), NSPS Subpart Dc: Compliance Certification
- 52 40CFR 60.48c(e)(3), NSPS Subpart Dc: Compliance Certification
- 53 40CFR 60.48c(e)(4), NSPS Subpart Dc: Compliance Certification
- 54 40CFR 60.48c(e)(7), NSPS Subpart Dc: Compliance Certification
- 55 40CFR 60.48c(g), NSPS Subpart Dc: Compliance Certification
- 56 40CFR 60.48c(i), NSPS Subpart Dc: Compliance Certification

EU=U-00001,EP=E0001,Proc=BOI,ES=S0008

*57 6 NYCRR Subpart 201-7: Capping Monitoring Condition

- 58 40CFR 60, NSPS Subpart A: Applicability of General Provisions of 40 CFR 60 Subpart A
- 59 40CFR 60.40c, NSPS Subpart Dc: Applicability of this Subpart to this emission source
- 60 40CFR 60.40c, NSPS Subpart Dc: Compliance Certification
- 61 40CFR 60.42c(d), NSPS Subpart Dc: Compliance Certification
- 62 40CFR 60.42c(h), NSPS Subpart Dc: Exemption from the averaging period.
- 63 40CFR 60.42c(i), NSPS Subpart Dc: Enforceability
- 64 40CFR 60.43c(c), NSPS Subpart Dc: Compliance Certification
- 65 40CFR 60.46c(d)(2), NSPS Subpart Dc: Compliance Certification
- 66 40CFR 60.46c(e), NSPS Subpart Dc: Exemption from sulfur dioxide monitoring requirements.
- 67 40CFR 60.47c, NSPS Subpart Dc: Compliance Certification
- 68 40CFR 60.48c(d), NSPS Subpart Dc: Compliance Certification
- 69 40CFR 60.48c(e)(1), NSPS Subpart Dc: Compliance Certification
- 70 40CFR 60.48c(e)(2), NSPS Subpart Dc: Compliance Certification
- 71 40CFR 60.48c(e)(3), NSPS Subpart Dc: Compliance Certification
- 72 40CFR 60.48c(e)(4), NSPS Subpart Dc: Compliance Certification
- 73 40CFR 60.48c(e)(7), NSPS Subpart Dc: Compliance Certification
- 74 40CFR 60.48c(g), NSPS Subpart Dc: Compliance Certification
- 75 40CFR 60.48c(i), NSPS Subpart Dc: Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS

New York State Department of Environmental Conservation

Permit ID: 2-6103-00760/00002

Facility DEC ID: 2610300760



Facility Level

- 76 ECL 19-0301: Contaminant List
- 77 6 NYCRR 201-1.4: Unavoidable noncompliance and violations
- 78 6 NYCRR 211.2: Visible Emissions Limited
- 79 6 NYCRR 227-2.4 (c) (1) (ii): Compliance Demonstration
- 80 6 NYCRR 227-2.4 (d): Compliance Demonstration
- 81 6 NYCRR 227-2.6 (a): Compliance Demonstration

NOTE: * preceding the condition number indicates capping.



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

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

Item A: Emergency Defense - 6 NYCRR 201-1.5

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

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

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

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

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

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

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



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

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

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

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

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

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

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

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

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

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

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

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



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

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

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

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

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

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

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

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



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

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

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

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

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

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

Item L: Permit Exclusion - ECL 19-0305

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



(NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.

Item M: Federally Enforceable Requirements - 40 CFR 70.6 (b)
All terms and conditions in this permit required by the Act or any applicable requirement, including any provisions designed to limit a facility's potential to emit, are enforceable by the Administrator and citizens under the Act. The Department has, in this permit, specifically designated any terms and conditions that are not required under the Act or under any of its applicable requirements as being enforceable under only state regulations.

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

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

Condition 1: Acceptable Ambient Air Quality
Effective between the dates of 10/06/2011 and 10/05/2016

Applicable Federal Requirement:6 NYCRR 200.6

Item 1.1:

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.

Condition 2: Fees
Effective between the dates of 10/06/2011 and 10/05/2016

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

Item 2.1:

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

Condition 3: Recordkeeping and reporting of compliance monitoring
Effective between the dates of 10/06/2011 and 10/05/2016

Applicable Federal Requirement:6 NYCRR 201-6.5 (c)

Item 3.1:



The following information must be included in any required compliance monitoring records and reports:

- (i) The date, place, and time of sampling or measurements;
- (ii) The date(s) analyses were performed;
- (iii) The company or entity that performed the analyses;
- (iv) The analytical techniques or methods used including quality assurance and quality control procedures if required;
- (v) The results of such analyses including quality assurance data where required; and
- (vi) The operating conditions as existing at the time of sampling or measurement.

Any deviation from permit requirements must be clearly identified in all records and reports. Reports must be certified by a responsible official, consistent with Section 201-6.3 of this Part 201.

Condition 4: Monitoring, Related Recordkeeping, and Reporting Requirements.

Effective between the dates of 10/06/2011 and 10/05/2016

Applicable Federal Requirement: 6 NYCRR 201-6.5 (c) (2)

Item 4.1:

Compliance monitoring and recordkeeping shall be conducted according to the terms and conditions contained in this permit and shall follow all quality assurance requirements found in applicable regulations. Records of all monitoring data and support information must be retained for a period of at least 5 years from the date of the monitoring, sampling, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.

Condition 5: Compliance Certification

Effective between the dates of 10/06/2011 and 10/05/2016

Applicable Federal Requirement: 6 NYCRR 201-6.5 (c) (3) (ii)

Item 5.1:

The Compliance Certification activity will be performed for the Facility.

Item 5.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

To meet the requirements of this facility permit with respect to reporting, the permittee must:

Submit reports of any required monitoring at a minimum



frequency of every 6 months, based on a calendar year reporting schedule. These reports shall be submitted to the Department within 30 days after the end of a reporting period. All instances of deviations from permit requirements must be clearly identified in such reports. All required reports must be certified by the responsible official for this facility.

Notify the Department and report permit deviations and incidences of noncompliance stating the probable cause of such deviations, and any corrective actions or preventive measures taken. Where the underlying applicable requirement contains a definition of prompt or otherwise specifies a time frame for reporting deviations, that definition or time frame shall govern. Where the underlying applicable requirement fails to address the time frame for reporting deviations, reports of deviations shall be submitted to the permitting authority based on the following schedule:

- (1) For emissions of a hazardous air pollutant (as identified in an applicable regulation) that continue for more than an hour in excess of permit requirements, the report must be made within 24 hours of the occurrence.
- (2) For emissions of any regulated air pollutant, excluding those listed in paragraph (1) of this section, that continue for more than two hours in excess of permit requirements, the report must be made within 48 hours.
- (3) For all other deviations from permit requirements, the report shall be contained in the 6 month monitoring report required above.
- (4) This permit may contain a more stringent reporting requirement than required by paragraphs (1), (2) or (3) above. If more stringent reporting requirements have been placed in this permit or exist in applicable requirements that apply to this facility, the more stringent reporting requirement shall apply.

If above paragraphs (1) or (2) are met, the source must notify the permitting authority by telephone during normal business hours at the Regional Office of jurisdiction for this permit, attention Regional Air Pollution Control Engineer (RAPCE) according to the timetable listed in paragraphs (1) and (2) of this section. For deviations and incidences that must be reported outside of normal business hours, on weekends, or holidays, the DEC Spill Hotline phone number at 1-800-457-7362 shall be used. A



written notice, certified by a responsible official consistent with 6 NYCRR Part 201-6.3(d)(12), must be submitted within 10 working days of an occurrence for deviations reported under (1) and (2). All deviations reported under paragraphs (1) and (2) of this section must also be identified in the 6 month monitoring report required above.

The provisions of 6 NYCRR 201-1.4 shall apply if the permittee seeks to have a violation excused unless otherwise limited by regulation. 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. Notwithstanding any recordkeeping and reporting requirements in 6 NYCRR 201-1.4, reports of any deviations shall not be on a less frequent basis than the reporting periods described in paragraphs (1) and (4) above.

In the case of any condition contained in this permit with a reporting requirement of "Upon request by regulatory agency" the permittee shall include in the semiannual report, a statement for each such condition that the monitoring or recordkeeping was performed as required or requested and a listing of all instances of deviations from these requirements.

In the case of any emission testing performed during the previous six month reporting period, either due to a request by the Department, EPA, or a regulatory requirement, the permittee shall include in the semiannual report a summary of the testing results and shall indicate whether or not the Department or EPA has approved the results.

All semiannual reports shall be submitted to the Administrator (or his or her representative) as well as two copies to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office). Mailing addresses for the above referenced persons are contained in the monitoring condition for 6 NYCRR Part 201-6.5(e), contained elsewhere in this permit.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2012.



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

Condition 6: Compliance Certification
Effective between the dates of 10/06/2011 and 10/05/2016

Applicable Federal Requirement: 6 NYCRR 201-6.5 (e)

Item 6.1:

The Compliance Certification activity will be performed for the Facility.

Item 6.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Requirements for compliance certifications with terms and conditions contained in this facility permit include the following:

- i. Compliance certifications shall contain:
 - the identification of each term or condition of the permit that is the basis of the certification;
 - the compliance status;
 - whether compliance was continuous or intermittent;
 - the method(s) used for determining the compliance status of the facility, currently and over the reporting period consistent with the monitoring and related recordkeeping and reporting requirements of this permit;
 - such other facts as the Department may require to determine the compliance status of the facility as specified in any special permit terms or conditions; and
 - such additional requirements as may be specified elsewhere in this permit related to compliance certification.
- ii. The responsible official must include in the annual certification report all terms and conditions contained in this permit which are identified as being subject to certification, including emission limitations, standards, or work practices. That is, the provisions labeled herein as "Compliance Certification" are not the only provisions of this permit for which an annual certification is required.
- iii. Compliance certifications shall be submitted annually. Certification reports are due 30 days after the anniversary date of four consecutive calendar quarters. The first report is due 30 days after the calendar quarter that occurs just prior to the permit anniversary date, unless another quarter has been acceptable by the Department.



iv. All compliance certifications shall be submitted to the Administrator (or his or her representative) as well as two copies to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office). Please send annual compliance certifications to Chief of the Stationary Source Compliance Section, the Region 2 EPA representative for the Administrator, at the following address:

USEPA Region 2
Air Compliance Branch
290 Broadway
New York, NY 10007-1866

The address for the RAPCE is as follows:

Hunters Point Plaza
47-40 21st Street
Long Island City, NY 11101-5407

The address for the BQA is as follows:

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

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2012.
Subsequent reports are due on the same day each year

Condition 7: Compliance Certification
Effective between the dates of 10/06/2011 and 10/05/2016

Applicable Federal Requirement:6 NYCRR 202-2.1

Item 7.1:
The Compliance Certification activity will be performed for the Facility.

Item 7.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Emission statements shall be submitted on or before April 15th each year for emissions of the previous calendar year. Statements are to be mailed to: New York State Department of Environmental Conservation, Division of Air

New York State Department of Environmental Conservation

Permit ID: 2-6103-00760/00002

Facility DEC ID: 2610300760



Resources, Bureau of Air Quality Planning, 625 Broadway,
Albany NY 12233-3251

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due by April 15th for previous calendar year

Condition 8: Recordkeeping requirements
Effective between the dates of 10/06/2011 and 10/05/2016

Applicable Federal Requirement:6 NYCRR 202-2.5

Item 8.1:

(a) The following records shall be maintained for at least five years:

- (1) a copy of each emission statement submitted to the department; and
- (2) records indicating how the information submitted in the emission statement was determined, including any calculations, data, measurements, and estimates used.

(b) These records shall be made available at the facility to the representatives of the department upon request during normal business hours.

Condition 9: Open Fires - Prohibitions
Effective between the dates of 10/06/2011 and 10/05/2016

Applicable Federal Requirement:6 NYCRR 215.2

Item 9.1:

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

Item 9.2

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

- (a) On-site burning in any town with a total population less than 20,000 of downed limbs and branches (including branches with attached leaves or needles) less than six inches in diameter and eight feet in length between May 15th and the following March 15th. For the purposes of this subdivision, the total population of a town shall include the population of any village or portion thereof located within the town. However, this subdivision shall not be construed to allow burning within any village.
- (b) Barbecue grills, maple sugar arches and similar outdoor cooking devices when actually used for cooking or processing food.
- (c) Small fires used for cooking and camp fires provided that only charcoal or untreated wood is used as fuel and the fire is not left unattended until extinguished.
- (d) On-site burning of agricultural wastes as part of a valid agricultural operation on contiguous agricultural lands larger than five acres actively devoted to agricultural or horticultural use, provided such waste is actually grown or generated on those lands and such waste is capable of being fully burned within a 24-hour period.
- (e) The use of liquid petroleum fueled smudge pots to prevent frost damage to crops.
- (f) Ceremonial or celebratory bonfires where not otherwise prohibited by law, provided that only untreated wood or other agricultural products are used as fuel and the fire is not left unattended



until extinguished.

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

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

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

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

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

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

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

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

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

**Condition 10: Maintenance of Equipment
Effective between the dates of 10/06/2011 and 10/05/2016**

Applicable Federal Requirement:6 NYCRR 200.7

Item 10.1:

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.

**Condition 11: Recycling and Salvage
Effective between the dates of 10/06/2011 and 10/05/2016**

Applicable Federal Requirement:6 NYCRR 201-1.7

Item 11.1:

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 the ECL.

Condition 12: Prohibition of Reintroduction of Collected Contaminants to the air

Effective between the dates of 10/06/2011 and 10/05/2016

Applicable Federal Requirement:6 NYCRR 201-1.8

Item 12.1:

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.

Condition 13: Exempt Sources - Proof of Eligibility

Effective between the dates of 10/06/2011 and 10/05/2016

Applicable Federal Requirement:6 NYCRR 201-3.2 (a)

Item 13.1:

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 this Subpart. 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 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.

Condition 14: Trivial Sources - Proof of Eligibility

Effective between the dates of 10/06/2011 and 10/05/2016

Applicable Federal Requirement:6 NYCRR 201-3.3 (a)

Item 14.1:

The owner and/or operator of an emission source or unit that is listed as being trivial in this Part may be required to certify that it operates within the specific criteria described in this Subpart. 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 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.

Condition 15: Standard Requirement - Provide Information

Effective between the dates of 10/06/2011 and 10/05/2016

Applicable Federal Requirement:6 NYCRR 201-6.5 (a) (4)

Item 15.1:

The owner and/or operator shall furnish to the department, within a reasonable time, any information that the department may request in writing to determine whether cause exists for



modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the department copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the administrator along with a claim of confidentiality, if the administrator initiated the request for information or otherwise has need of it.

Condition 16: General Condition - Right to Inspect
Effective between the dates of 10/06/2011 and 10/05/2016

Applicable Federal Requirement:6 NYCRR 201-6.5 (a) (8)

Item 16.1:

The department or an authorized representative shall be allowed upon presentation of credentials and other documents as may be required by law to:

(i) enter upon the permittee's premises where a facility subject to the permitting requirements of this Subpart is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;

(ii) have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;

(iii) inspect at reasonable times any emission sources, equipment (including monitoring and air pollution control equipment), practices, and operations regulated or required under the permit; and

(iv) sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

Condition 17: Standard Requirements - Progress Reports
Effective between the dates of 10/06/2011 and 10/05/2016

Applicable Federal Requirement:6 NYCRR 201-6.5 (d) (5)

Item 17.1:

Progress reports consistent with an applicable schedule of compliance are to be submitted at least semiannually, or at a more frequent period if specified in the applicable requirement or by the department. Such progress reports shall contain the following:

(i) dates for achieving the activities, milestones, or compliance required in the schedule of compliance, and dates when such activities, milestones or compliance were achieved; and

(ii) an explanation of why any dates in the schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

Condition 18: Off Permit Changes
Effective between the dates of 10/06/2011 and 10/05/2016

Applicable Federal Requirement:6 NYCRR 201-6.5 (f) (6)

Item 18.1:

No permit revision will be required for operating changes that contravene an express permit

New York State Department of Environmental Conservation

Permit ID: 2-6103-00760/00002

Facility DEC ID: 2610300760



C/O CSC
8400 Corporate Dr
Carrollton, Md. 20785

Condition 21: Recycling and Emissions Reduction
Effective between the dates of 10/06/2011 and 10/05/2016

Applicable Federal Requirement:40CFR 82, Subpart F

Item 21.1:

The permittee shall comply with all applicable provisions of 40 CFR Part 82.

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

Condition 22: Emission Unit Definition
Effective between the dates of 10/06/2011 and 10/05/2016

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 22.1:

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

Emission Unit: U-00001

Emission Unit Description:

Emission Unit U-00001 consists of three boilers: one 25.2 MM Btu/hr Orr Seambow (Emission Source S0002), one 50 MM Btu/hr Babcock & Wilcox (Emission Source S0003), and a new 32.6 MM Btu/hr Nebraska (Emission Source S0008). All three boilers are capable of firing # 6 fuel oil (Process BOI) and natural gas (Process BNG). Flue gas from all three boilers will exhaust through the existing common stack (Emission Point E0001). The new Nebraska boiler has individual fuel caps.

Building(s): 0000000001

Condition 23: Non Applicable requirements
Effective between the dates of 10/06/2011 and 10/05/2016

Applicable Federal Requirement:6 NYCRR 201-6.5 (g)

Item 23.1:

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.

40 CFR 60.42c

Emission Unit: U00001 Emission Point: E0001 Process: BOI Source:

New York State Department of Environmental Conservation

Permit ID: 2-6103-00760/00002

Facility DEC ID: 2610300760



S0008

Reason: 40 CFR 60-Dc.42c, NSPS, which limits the sulfur content in the residual fuel oil to 0.50 percent by weight, is not applicable to Emission Source S0003 (the 32.6 MM Btu/hr Nebraska boiler) or to this facility. This regulation is overruled by regulation 6 NYCRR 225.1(a)(3), which limits the sulfur content in the residual fuel oil (# 6 oil) to 0.30 percent by weight to facilities in the severe ozone non-attainment area such as New York City.

Maimonides Medical Center must comply with the 0.30 percent by weight sulfur content limit as per 6 NYCRR 225.1(a)(3), which has more stringent limit for New York City than 40 CFR 60-Dc.42c, NSPS.

40 CFR 60.42c

Emission Unit: U00001 Emission Point: E0001 Process: BOI Source:

S0003

Reason: 40 CFR 60-Dc.42c, NSPS, which limits the sulfur content in the residual fuel oil to 0.50 percent by weight, is not applicable to Emission Source S0003 (the 50 MM Btu/hr Babcock & Wilcox boiler) or to this facility. This regulation is overruled by regulation 6 NYCRR 225.1(a)(3), which limits the sulfur content in the residual fuel oil (# 6 oil) to 0.30 percent by weight to facilities in the severe ozone non-attainment area such as New York City.

Maimonides Medical Center must comply with the 0.30 percent by weight sulfur content limit as per 6 NYCRR 225.1(a)(3), which has more stringent limit for New York City than 40 CFR 60-Dc.42c, NSPS.

40 CFR Part 60, Subpart IIII

Reason: Since all 6 emergency generators at Maimonides Medical Center were installed prior to April 1, 2006, therefore; 40 CFR 60 Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines does not apply to any of the 6 emergency generators since this regulation's applicability date is April 1, 2006. All 6 engines are RICE - Reciprocating Internal Combustion Engines.

List of Emergency Generators at
Maimonides Medical Center:

ID KW Manufacturer

New York State Department of Environmental Conservation

Permit ID: 2-6103-00760/00002

Facility DEC ID: 2610300760



Model

- 1 300 Onan
300 DET-4XRB

- 2 900 Cummins/Onan 900
DFHLQST3043

- 3 900 Cummins/Onan
900DFHCQST30G3

- 4 500 Consolidated Power Detroit
625DIT

- 5 500 Cummins 500 D
FED KTA19-G4

- 6 800 Cummins
DFHB5563017

ID Manufacture Date
Location

- 1 9/28/1973
Goldberg

- 2 9/14/2005
New Aron

- 3 11/19/2005
New Aron

- 4 1/1/1999
Gelman

- 5 10/27/2005
Gelman

- 6 6/12/2002
Garage/Warehouse

40 CFR Part 63, Subpart ZZZZ

Reason: Since Maimonides Medical Center is a not a major source of HAPs, but a minor source of HAPs, and is an institutional (medical) facility operating 6 existing emergency generators that are stationary RICE - Reciprocating Internal Combustion Engines, therefore; 40 CFR 63 Subpart



ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines with applicability date of June 15, 2004 does not apply to any of the 6 emergency generators at this facility. All 6 emergency generators were installed prior to June 12, 2006.

List of Emergency Generators at Maimonides Medical Center:

ID	KW	Manufacturer	Model
1	300	Onan	300 DET-4XRB
2	900	Cummins/Onan	900 DFHLQST3043
3	900	Cummins/Onan	900DFHCQST30G3
4	500	Consolidated Power Detroit	625DIT
5	500	Cummins	500 D FED KTA19-G4
6	800	Cummins	DFHB5563017

ID	Manufacture Date	Location
1	9/28/1973	Goldberg
2	9/14/2005	New Aron
3	11/19/2005	New Aron
4	1/1/1999	Gelman

New York State Department of Environmental Conservation

Permit ID: 2-6103-00760/00002

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5 10/27/2005
Gelman

6 6/12/2002
Garage/Warehouse

Condition 24: Capping Monitoring Condition
Effective between the dates of 10/06/2011 and 10/05/2016

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 24.1:

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

6 NYCRR Subpart 231-2

Item 24.2:

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

Item 24.3:

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

Item 24.4:

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

Item 24.5:

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

Item 24.6:

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

Emission Unit: U-00001
Process: BNG

Emission Point: E0001
Emission Source: S0008

Emission Unit: U-00001

Emission Point: E0001

New York State Department of Environmental Conservation

Permit ID: 2-6103-00760/00002

Facility DEC ID: 2610300760



Process: BOI

Emission Source: S0008

Regulated Contaminant(s):

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

Item 24.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Fuel for the Nebraska boiler (Emission Source S0008) is limited to 1.5 million gallons per year of # 6 fuel oil and 80 million cubic feet of natural gas. In the event of natural gas shortage, more fuel oil will be burned, and vice versa. However, NOx emissions from this boiler will not exceed 46.9 tons per year. Fuel records will be maintained.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 46.9 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 7/30/2012.

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

Condition 25: Air pollution prohibited
Effective between the dates of 10/06/2011 and 10/05/2016

Applicable Federal Requirement:6 NYCRR 211.1

Item 25.1:

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 26: Compliance Certification
Effective between the dates of 10/06/2011 and 10/05/2016

Applicable Federal Requirement:6 NYCRR 225-1.8

Item 26.1:

The Compliance Certification activity will be performed for the Facility.

Item 26.2:



Compliance Certification 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 7/30/2012.

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

Condition 27: Compliance Certification
Effective between the dates of 10/06/2011 and 10/05/2016

Applicable Federal Requirement: 6 NYCRR 225.1 (a) (3)

Item 27.1:

The Compliance Certification activity will be performed for the Facility.

Item 27.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS



Maimonides Medical Center is required to perform testing the three mid-size boilers (Emission Sources S0002, S0003 and S0008 - the 25.2 MM Btu/hr Orr-Seambower, the 50 MM Btu/hr Babcock & Wilcox/FM10-52 and the 32.6 MM Btu/hr Nebraska - NS-8-46 boilers; respectively) to verify the NOx emission limit compliance. A mid-size boiler is a boiler with a maximum heat input capacity greater than 25 million Btu per hour and equal to or less than 100 million Btu per hour. All three boilers operate on #6 fuel oil (Process BOI) and on natural gas (Process BNG).

Prior to July 1, 2014, the owner/operator of mid-size boilers (> 25 and equal to or <100 MM Btu/hr) boilers operating on residual oil/natural gas have a limit of 0.30 pounds of NOx per million Btus under the NOx RACT plan for mid-size boilers.

Emission test requirements: The owner/operator of a source required to conduct an emission test under subdivision (c) of 6 NYCRR 227-2.6 must:

1. Submit a compliance test protocol to the Department for approval at least 30 days prior to emission testing. The conditions of the testing and the locations of the sampling devices must be acceptable to the Department; and
2. Utilize procedures set forth in 40 CFR Part 60, Appendix A or any other method acceptable to the Department and EPA for determining compliance with the appropriate NOx limit in section 227-2.4 of this Subpart, and must follow the procedures set forth in Part 202 of this Title.
 - i. For mid-size boilers (> 25 and equal to or <100 MM Btu/hr) boilers, utilize Method 7, 7E, or 19 from 40 CFR Part 60, Appendix A or another reference method approved by the Department.
3. Submit a compliance test report containing the results of the emission test to the Department no later than 60 days after the completion of the emission test.

This condition applies to the three mid-size boilers (Emission Sources S0002, S0003 and S0008 - the 25.2 MM Btu/hr Orr-Seambower, the 50 MM Btu/hr Babcock & Wilcox/FM10-52 and the 32.6 MM Btu/hr Nebraska - NS-8-46 boilers; respectively).

Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 0.30 pounds per million Btus
Reference Test Method: Method 7, 7E or 19

New York State Department of Environmental Conservation

Permit ID: 2-6103-00760/00002

Facility DEC ID: 2610300760



Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 29: Compliance Certification
Effective between the dates of 10/06/2011 and 10/05/2016

Applicable Federal Requirement: 6 NYCRR 227-2.6 (c)

Item 29.1:

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

Emission Unit: U-00001 Emission Point: E0001
Process: BNG Emission Source: S0002

Emission Unit: U-00001 Emission Point: E0001
Process: BNG Emission Source: S0003

Emission Unit: U-00001 Emission Point: E0001
Process: BNG Emission Source: S0008

Emission Unit: U-00001 Emission Point: E0001
Process: BOI Emission Source: S0002

Emission Unit: U-00001 Emission Point: E0001
Process: BOI Emission Source: S0003

Emission Unit: U-00001 Emission Point: E0001
Process: BOI Emission Source: S0008

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

Item 29.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

§227-2.6 Testing, monitoring, and reporting requirements:

The owner/operator of mid-size boilers (>25 MM Btu/hr and equal or < 100 MM Btu/hr) shall measure NOx emissions by performing stack tests in accordance with the emission test requirements described in subdivision (c) of this section. A mid-size boiler is defined as: A boiler with a maximum heat input capacity greater than 25 million Btu per hour and equal to or less than 100 million Btu per hour.



(a) The owner or operator of the the 25.2 MM Btu/hr Orr-Seambower boiler, the 50 MM Btu/hr Babcock & Wilcox boiler, and the 32.6 MM Btu/hr Nebraska boiler, defined in Emission Unit U-00001 as Emission Sources S0002, S0003 & S0008; respectively must verify NOx emissions by performing the applicable testing or monitoring procedure detailed below:

(3) For any mid-size boiler, NOx emissions must be

(i) measured in accordance with the emission test requirements described in subdivision (c) of this section, or

(ii) monitored with a CEMS as described in subdivision (b) of this section or with an equivalent monitoring system approved by the Department.

This condition applies to the the 25.2 MM Btu/hr Orr-Seambower boiler, the 50 MM Btu/hr Babcock & Wilcox boiler, and the 32.6 MM Btu/hr Nebraska boiler, defined in Emission Unit U-00001 as Emission Sources S0002, S0003 & S0008; respectively. The NOx RACT for boilers operating on residual oil/natural gas is a limit of 0.20 pounds per million Btu per hour prior to July 1, 2014 and a limit of 0.20 pounds per million Btu per hour on or after July 1, 2014.

Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 0.20 pounds per million Btus
Reference Test Method: Method 7, 7E or 19
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 30: Compliance Certification
Effective between the dates of 10/06/2011 and 10/05/2016

Applicable Federal Requirement: 6 NYCRR 227-2.6 (c)

Item 30.1:

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

Emission Unit: U-00001	Emission Point: E0001
Process: BNG	Emission Source: S0003

Emission Unit: U-00001	Emission Point: E0001
Process: BOI	Emission Source: S0003

Regulated Contaminant(s):



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

Item 30.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

§227-2.6 Testing, monitoring, and reporting requirements:

The owner/operator of mid-size boilers (>25 MM Btu/hr and equal or < 100 MM Btu/hr) shall measure NOx emissions by performing stack tests in accordance with the emission test requirements described in subdivision (c) of this section. A mid-size boiler is defined as: A boiler with a maximum heat input capacity greater than 25 million Btu per hour and equal to or less than 100 million Btu per hour.

(a) The owner or operator of the 50 MM Btu/hr Babcock & Wilcox boiler defined in Emission Unit U-00001 as Emission Source S0003 must verify NOx emissions by performing the applicable testing or monitoring procedure detailed below:

(3) For any mid-size boiler, NOx emissions must be

(i) measured in accordance with the emission test requirements described in subdivision (c) of this section, or

(ii) monitored with a CEMS as described in subdivision (b) of this section or with an equivalent monitoring system approved by the Department.

This condition applies to the 50 MM Btu/hr Babcock & Wilcox boiler defined in Emission Unit U-00001 as Emission Source S0003. The NOx RACT for boilers operating on residual oil/natural gas is a limit of 0.30 pounds per million Btu per hour prior to July 1, 2014 and a limit of 0.20 pounds per million Btu per hour on or after July 1, 2014.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.30 pounds per million Btus

Reference Test Method: Method 7, 7E or 19

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 31: EPA Region 2 address.

New York State Department of Environmental Conservation

Permit ID: 2-6103-00760/00002

Facility DEC ID: 2610300760



Effective between the dates of 10/06/2011 and 10/05/2016

Applicable Federal Requirement:40CFR 60.4, NSPS Subpart A

Item 31.1:

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

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

Condition 32: Emission Point Definition By Emission Unit
Effective between the dates of 10/06/2011 and 10/05/2016

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 32.1:

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

Emission Unit: U-00001

Emission Point: E0001

Height (ft.): 150

Diameter (in.): 31

NYTMN (km.): 4499.123

NYTME (km.): 584.733

Building: 0000000001

Condition 33: Process Definition By Emission Unit
Effective between the dates of 10/06/2011 and 10/05/2016

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 33.1:

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

Emission Unit: U-00001

Process: BNG

Source Classification Code: 1-03-006-02

Process Description:



Emission Unit: U-00001

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

PTE(s): 39.5 pounds per hour

324,000 pounds per year

Condition 35: Process Permissible Emissions
Effective between the dates of 10/06/2011 and 10/05/2016

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 35.1:

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: U-00001 Process: BNG

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

PTE(s): 10.8 pounds per hour

73,900 pounds per year

Emission Unit: U-00001 Process: BOI

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

PTE(s): 39.5 pounds per hour

324,000 pounds per year

Condition 36: Compliance Certification
Effective between the dates of 10/06/2011 and 10/05/2016

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

Item 36.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: BOI

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 36.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Particulate emission limit for stationary combustion installation firing oil. The owner or operator shall



complete the following once per term of this permit:

- 1) Submit to the Department an acceptable protocol for the testing of particulate emission 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) All records shall be maintained at the facility for a minimum of five years.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.10 pounds per million Btus
Reference Test Method: Method 5
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
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 37: Compliance Certification
Effective between the dates of 10/06/2011 and 10/05/2016

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

Item 37.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: E0001

Item 37.2:
Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No owner or operator of a combustion installation shall operate the installation in such a way to emit greater than 20 percent opacity except for one six minute period per hour, not to exceed 27 percent, based upon the six minute average in reference test Method 9 in Appendix A of 40 CFR 60.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: Method 9
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

New York State Department of Environmental Conservation

Permit ID: 2-6103-00760/00002

Facility DEC ID: 2610300760



Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2012.
Subsequent reports are due every 6 calendar month(s).

Condition 38: Capping Monitoring Condition
Effective between the dates of 10/06/2011 and 10/05/2016

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

Item 38.1:

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 231-2

Item 38.2:

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

Item 38.3:

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 38.4:

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 38.5:

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 38.6:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001
Process: BNG

Emission Point: E0001
Emission Source: S0008

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

New York State Department of Environmental Conservation

Permit ID: 2-6103-00760/00002

Facility DEC ID: 2610300760



Item 38.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Fuel for the Nebraska boiler (Emission Source S0008) is limited to 1.5 million gallons per year of # 6 fuel oil and 80 million cubic feet of natural gas. In the event of natural gas shortage, more fuel oil will be burned, and vice versa. However, NOx emissions from this boiler will not exceed 46.9 tons per year. Fuel records will be maintained.

Parameter Monitored: NATURAL GAS

Upper Permit Limit: 80 million cubic feet 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 7/30/2012.

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

**Condition 39: Applicability of General Provisions of 40 CFR 60 Subpart A
Effective between the dates of 10/06/2011 and 10/05/2016**

Applicable Federal Requirement:40CFR 60, NSPS Subpart A

Item 39.1:

This Condition applies to Emission Unit: U-00001 Emission Point: E0001
Process: BOI Emission Source: S0003

Item 39.2:

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 40: Applicability of this Subpart to this emission source
Effective between the dates of 10/06/2011 and 10/05/2016**

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

Item 40.1:

This Condition applies to Emission Unit: U-00001 Emission Point: E0001
Process: BOI Emission Source: S0003

Item 40.2:

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



Condition 41: Compliance Certification
Effective between the dates of 10/06/2011 and 10/05/2016

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

Item 41.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: E0001
Process: BOI Emission Source: S0003

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

Item 41.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The affected facility to which this Subpart applies is each steam generating unit for which construction, modification or reconstruction commenced after June 9, 1989 and that has a maximum design heat input capacity of 100 million Btu/hr or less, but greater than or equal to 10 million Btu/hr. Steam generating units which meet the applicability requirements above are not subject to the sulfur dioxide (SO₂) or particulate matter (PM) emission limits, performance testing requirements, or monitoring requirements under this subpart (Subparts 60.42c, 60.43c, 60.44c, 60.45c, 60.46c., or 60.47c) during periods of combustion research, as defined in Subpart 60.14. Any temporary change to an existing steam generating unit for the purpose of conducting combustion research is not considered a modification under Subpart 60.14.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2012.

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

Condition 42: Compliance Certification
Effective between the dates of 10/06/2011 and 10/05/2016

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

Item 42.1:

The Compliance Certification activity will be performed for:

New York State Department of Environmental Conservation

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Facility DEC ID: 2610300760



Condition 44: Enforceability

Effective between the dates of 10/06/2011 and 10/05/2016

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

Item 44.1:

This Condition applies to Emission Unit: U-00001 Emission Point: E0001
Process: BOI Emission Source: S0003

Item 44.2:

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 45: Compliance Certification

Effective between the dates of 10/06/2011 and 10/05/2016

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

Item 45.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: E0001
Process: BOI Emission Source: S0003

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

Item 45.2:

Compliance Certification 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

Monitoring Frequency: CONTINUOUS

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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Permit ID: 2-6103-00760/00002

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Item 47.1:

This Condition applies to Emission Unit: U-00001 Emission Point: E0001
Process: BOI Emission Source: S0003

Item 47.2:

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 48: Compliance Certification

Effective between the dates of 10/06/2011 and 10/05/2016

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

Item 48.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: E0001
Process: BOI Emission Source: S0003

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

Item 48.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No owner or operator of an affected facility that combusts residual oil, coal or wood and has heat input capacity greater than 30 mmbtu/hr shall cause to be discharged into the atmosphere from that affected facility any gases that exhibit greater than 20 percent opacity averaging over 6-minutes, except for one 6-minute period per hour of not more than 27% opacity.

Facilities combusting oil subject to section 40 CFR 60-Dc.43c shall install, calibrate, maintain, and operate CEMs for opacity. All CEMs shall be operated in accordance with appendix B of part 40 CFR 60.

Parameter Monitored: OPACITY

Upper Permit Limit: 27 percent

Reference Test Method: 40 CFR 60 APPENDIX B

Monitoring Frequency: CONTINUOUS

Averaging Method: AVERAGING METHOD - SEE MONITORING
DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2012.

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

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Condition 49: Compliance Certification

Effective between the dates of 10/06/2011 and 10/05/2016

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

Item 49.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: E0001

Process: BOI

Emission Source: S0003

Regulated Contaminant(s):

CAS No: 007446-09-5

SULFUR DIOXIDE

Item 49.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2012.

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

Condition 50: Compliance Certification

Effective between the dates of 10/06/2011 and 10/05/2016

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

Item 50.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: E0001

Process: BOI

Emission Source: S0003

Regulated Contaminant(s):

CAS No: 007446-09-5

SULFUR DIOXIDE

Item 50.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility subject to the SO₂ emission limits, fuel oil sulfur limits, or percent reduction requirements under §60.42c shall keep

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Facility DEC ID: 2610300760



records as required under §60.48c(d) including the following information.

Calendar dates covered in the reporting period.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2012.

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

Condition 51: Compliance Certification
Effective between the dates of 10/06/2011 and 10/05/2016

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

Item 51.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: E0001

Process: BOI

Emission Source: S0003

Regulated Contaminant(s):

CAS No: 007446-09-5

SULFUR DIOXIDE

Item 51.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility subject to the SO₂ emission limits, fuel oil sulfur limits, or percent reduction requirements under §60.43c shall keep records as required under §60.48c(d) including the following information.

Each 30-day average SO₂ emission rate, or 30-day average sulfur content (weight percent), calculated during the reporting period, ending with the last 30-day period in the quarter; reasons for any noncompliance with the emission standards; and a description of corrective action taken.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2012.

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

Condition 52: Compliance Certification



Effective between the dates of 10/06/2011 and 10/05/2016

Applicable Federal Requirement:40CFR 60.48c(e)(3), NSPS Subpart Dc

Item 52.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: E0001
Process: BOI Emission Source: S0003

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

Item 52.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility subject to the SO₂ emission limits, fuel oil sulfur limits, or percent reduction requirements under §60.43c shall keep records as required under §60.48c(d) including the following information.

Each 30-day average percent of potential SO₂ emission rate calculated during the reporting period, ending with the last 30-day period in the quarter; reasons for any noncompliance with the emission standards; and a description of corrective action taken.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2012.

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

Condition 53: Compliance Certification

Effective between the dates of 10/06/2011 and 10/05/2016

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

Item 53.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: E0001
Process: BOI Emission Source: S0003

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

Item 53.2:



Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility subject to the SO₂ emission limits, fuel oil sulfur limits, or percent reduction requirements under §60.43c shall keep records as required under §60.48c(d) including the following information.

Identification of any steam generating unit operating days for which SO₂ or diluent (oxygen or carbon dioxide) data have not been obtained by an approved method for at least 75 percent of the operating hours; justification for not obtaining sufficient data; and a description of corrective actions taken.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2012.

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

Condition 54: Compliance Certification
Effective between the dates of 10/06/2011 and 10/05/2016

Applicable Federal Requirement:40CFR 60.48c(e)(7), NSPS Subpart Dc

Item 54.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: E0001
Process: BOI Emission Source: S0003

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

Item 54.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility subject to the SO₂ emission limits, fuel oil sulfur limits, or percent reduction requirements under §60.43c shall keep records as required under §60.48c(d) including the following information.

Identification of whether averages have been obtained based on CEMS rather than manual sampling methods.

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Permit ID: 2-6103-00760/00002

Facility DEC ID: 2610300760



Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2012.

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

Condition 55: Compliance Certification
Effective between the dates of 10/06/2011 and 10/05/2016

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

Item 55.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: E0001

Process: BOI

Emission Source: S0003

Item 55.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

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 1/30/2012.

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

Condition 56: Compliance Certification
Effective between the dates of 10/06/2011 and 10/05/2016

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

Item 56.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: E0001

Process: BOI

Emission Source: S0003

Item 56.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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Permit ID: 2-6103-00760/00002

Facility DEC ID: 2610300760



Emission Unit: U-00001
Process: BOI

Emission Point: E0001
Emission Source: S0008

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

Item 57.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Fuel for the Nebraska boiler (Emission Source S0008) is limited to 1.5 million gallons per year of # 6 fuel oil and 80 million cubic feet of natural gas. In the event of natural gas shortage, more fuel oil will be burned, and vice versa. However, NOx emissions from this boiler will not exceed 46.9 tons per year. Fuel records will be maintained.

Parameter Monitored: NUMBER 6 OIL

Upper Permit Limit: 1.5 million gallons

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 7/30/2012.

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

Condition 58: Applicability of General Provisions of 40 CFR 60 Subpart A Effective between the dates of 10/06/2011 and 10/05/2016

Applicable Federal Requirement:40CFR 60, NSPS Subpart A

Item 58.1:

This Condition applies to Emission Unit: U-00001 Emission Point: E0001
Process: BOI Emission Source: S0008

Item 58.2:

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 59: Applicability of this Subpart to this emission source Effective between the dates of 10/06/2011 and 10/05/2016

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

Item 59.1:

This Condition applies to Emission Unit: U-00001 Emission Point: E0001

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Process: BOI

Emission Source: S0008

Item 59.2:

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

Condition 60: Compliance Certification
Effective between the dates of 10/06/2011 and 10/05/2016

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

Item 60.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: E0001
Process: BOI Emission Source: S0008

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

Item 60.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The affected facility to which this Subpart applies is each steam generating unit for which construction, modification or reconstruction commenced after June 9, 1989 and that has a maximum design heat input capacity of 100 million Btu/hr or less, but greater than or equal to 10 million Btu/hr. Steam generating units which meet the applicability requirements above are not subject to the sulfur dioxide (SO₂) or particulate matter (PM) emission limits, performance testing requirements, or monitoring requirements under this subpart (Subparts 60.42c, 60.43c, 60.44c, 60.45c, 60.46c., or 60.47c) during periods of combustion research, as defined in Subpart 60.14. Any temporary change to an existing steam generating unit for the purpose of conducting combustion research is not considered a modification under Subpart 60.14.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2012.

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

Condition 61: Compliance Certification



Item 62.2:

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 63: Enforceability
Effective between the dates of 10/06/2011 and 10/05/2016

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

Item 63.1:

This Condition applies to Emission Unit: U-00001 Emission Point: E0001
Process: BOI Emission Source: S0008

Item 63.2:

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 64: Compliance Certification
Effective between the dates of 10/06/2011 and 10/05/2016

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

Item 64.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: E0001
Process: BOI Emission Source: S0008

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

Item 64.2:

Compliance Certification 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.

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Parameter Monitored: OPACITY
Upper Permit Limit: 20.0 percent
Monitoring Frequency: CONTINUOUS
Averaging Method: 6 MINUTE AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2012.
Subsequent reports are due every 3 calendar month(s).

Condition 65: Compliance Certification
Effective between the dates of 10/06/2011 and 10/05/2016

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

Item 65.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: E0001
Process: BOI Emission Source: S0008

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

Item 65.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

As an alternative to operating a CEMs at the inlet to the SO₂ control device (or outlet of the steam generating unit if no SO₂ control device is used) as required under paragraph §60.46c (a), an owner or operator may elect to determine the average SO₂ emission rate by sampling fuel prior to combustion.

As an alternative fuel sampling procedure for affected facilities combusting oil, oil samples may be collected from the fuel tank for each steam generating unit immediately after the fuel tank is filled and before any oil is combusted.

Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 0.30 percent by weight
Reference Test Method: Method 19
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION
Averaging Method: 30-DAY ROLLING AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2012.
Subsequent reports are due every 6 calendar month(s).

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**Condition 66: Exemption from sulfur dioxide monitoring requirements.
Effective between the dates of 10/06/2011 and 10/05/2016**

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

Item 66.1:

This Condition applies to Emission Unit: U-00001 Emission Point: E0001
Process: BOI Emission Source: S0008

Item 66.2:

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 67: Compliance Certification
Effective between the dates of 10/06/2011 and 10/05/2016**

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

Item 67.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: E0001
Process: BOI Emission Source: S0008

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

Item 67.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No owner or operator of an affected facility that combusts residual oil, coal or wood and has heat input capacity greater than 30 mmbtu/hr shall cause to be discharged into the atmosphere from that affected facility any gases that exhibit greater than 20 percent opacity averaging over 6-minutes, except for one 6-minute period per hour of not more than 27% opacity.

Facilities combusting oil subject to section 40 CFR 60-Dc.43c shall install, calibrate, maintain, and operate CEMs for opacity. All CEMs shall be operated in accordance with appendix B of part 40 CFR 60.

Parameter Monitored: OPACITY
Upper Permit Limit: 27 percent
Reference Test Method: 40 CFR 60 APPENDIX B
Monitoring Frequency: CONTINUOUS

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Averaging Method: AVERAGING METHOD - SEE MONITORING
DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2012.

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

Condition 68: Compliance Certification
Effective between the dates of 10/06/2011 and 10/05/2016

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

Item 68.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: E0001

Process: BOI

Emission Source: S0008

Regulated Contaminant(s):

CAS No: 007446-09-5

SULFUR DIOXIDE

Item 68.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2012.

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

Condition 69: Compliance Certification
Effective between the dates of 10/06/2011 and 10/05/2016

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

Item 69.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: E0001

Process: BOI

Emission Source: S0008

Regulated Contaminant(s):

CAS No: 007446-09-5

SULFUR DIOXIDE

Item 69.2:

Compliance Certification shall include the following monitoring:



Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility subject to the 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.

Calendar dates covered in the reporting period.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2012.

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

Condition 70: Compliance Certification
Effective between the dates of 10/06/2011 and 10/05/2016

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

Item 70.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: E0001

Process: BOI

Emission Source: S0008

Regulated Contaminant(s):

CAS No: 007446-09-5

SULFUR DIOXIDE

Item 70.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility subject to the SO₂ emission limits, fuel oil sulfur limits, or percent reduction requirements under §60.43c shall keep records as required under §60.48c(d) including the following information.

Each 30-day average SO₂ emission rate, or 30-day average sulfur content (weight percent), calculated during the reporting period, ending with the last 30-day period in the quarter; reasons for any noncompliance with the emission standards; and a description of corrective action taken.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

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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 71: Compliance Certification
Effective between the dates of 10/06/2011 and 10/05/2016

Applicable Federal Requirement:40CFR 60.48c(e)(3), NSPS Subpart Dc

Item 71.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: E0001

Process: BOI

Emission Source: S0008

Regulated Contaminant(s):

CAS No: 007446-09-5

SULFUR DIOXIDE

Item 71.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility subject to the SO₂ emission limits, fuel oil sulfur limits, or percent reduction requirements under §60.43c shall keep records as required under §60.48c(d) including the following information.

Each 30-day average percent of potential SO₂ emission rate calculated during the reporting period, ending with the last 30-day period in the quarter; reasons for any noncompliance with the emission standards; and a description of corrective action taken.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2012.

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

Condition 72: Compliance Certification
Effective between the dates of 10/06/2011 and 10/05/2016

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

Item 72.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: E0001

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Permit ID: 2-6103-00760/00002

Facility DEC ID: 2610300760



Process: BOI

Emission Source: S0008

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 72.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility subject to the SO₂ emission limits, fuel oil sulfur limits, or percent reduction requirements under §60.43c shall keep records as required under §60.48c(d) including the following information.

Identification of any steam generating unit operating days for which SO₂ or diluent (oxygen or carbon dioxide) data have not been obtained by an approved method for at least 75 percent of the operating hours; justification for not obtaining sufficient data; and a description of corrective actions taken.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2012.

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

Condition 73: Compliance Certification

Effective between the dates of 10/06/2011 and 10/05/2016

Applicable Federal Requirement:40CFR 60.48c(e)(7), NSPS Subpart Dc

Item 73.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: E0001

Process: BOI

Emission Source: S0008

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 73.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility subject to the SO₂ emission limits, fuel oil sulfur limits, or percent reduction requirements under §60.43c shall keep

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records as required under §60.48c(d) including the following information.

Identification of whether averages have been obtained based on CEMS rather than manual sampling methods.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2012.

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

Condition 74: Compliance Certification
Effective between the dates of 10/06/2011 and 10/05/2016

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

Item 74.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: E0001

Process: BOI

Emission Source: S0008

Item 74.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

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 1/30/2012.

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

Condition 75: Compliance Certification
Effective between the dates of 10/06/2011 and 10/05/2016

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

Item 75.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: E0001

Process: BOI

Emission Source: S0008

Item 75.2:

Compliance Certification shall include the following monitoring:

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Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

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).



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

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

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

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

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

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

Condition 76: Contaminant List
Effective between the dates of 10/06/2011 and 10/05/2016

Applicable State Requirement:ECL 19-0301

Item 76.1:
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



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

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

Condition 77: Unavoidable noncompliance and violations
Effective between the dates of 10/06/2011 and 10/05/2016

Applicable State Requirement: 6 NYCRR 201-1.4

Item 77.1:

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

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

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

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

(d) In the event of maintenance, start-up/shutdown or malfunction conditions which 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



Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Maimonides Medical Center is required to perform testing the three mid-size boilers (Emission Sources S0002, S0003 and S0008 - the 25.2 MM Btu/hr Orr-Seambower, the 50 MM Btu/hr Babcock & Wilcox/FM10-52 and the 32.6 MM Btu/hr Nebraska - NS-8-46 boilers; respectively) to verify the NOx emission limit compliance. A mid-size boiler is a boiler with a maximum heat input capacity greater than 25 million Btu per hour and equal to or less than 100 million Btu per hour. All three boilers operate on #6 fuel oil (Process BOI) and on natural gas (Process BNG).

On or after July 1, 2014, the owner/operator of mid-size boilers (> 25 and equal to or <100 MM Btu/hr) boilers operating on residual oil/natural gas have a limit of 0.20 pounds of NOx per million Btus under the NOx RACT plan for mid-size boilers.

Emission test requirements: The owner/operator of a source required to conduct an emission test under subdivision (c) of 6 NYCRR 227-2.6 must:

1. Submit a compliance test protocol to the Department for approval at least 30 days prior to emission testing. The conditions of the testing and the locations of the sampling devices must be acceptable to the Department; and
2. Utilize procedures set forth in 40 CFR Part 60, Appendix A or any other method acceptable to the Department and EPA for determining compliance with the appropriate NOx limit in section 227-2.4 of this Subpart, and must follow the procedures set forth in Part 202 of this Title.
 - i. For mid-size boilers (> 25 and equal to or <100 MM Btu/hr) boilers, utilize Method 7, 7E, or 19 from 40 CFR Part 60, Appendix A or another reference method approved by the Department.
3. Submit a compliance test report containing the results of the emission test to the Department no later than 60 days after the completion of the emission test.

This condition applies to the three mid-size boilers (Emission Sources S0002, S0003 and S0008 - the 25.2 MM Btu/hr Orr-Seambower, the 50 MM Btu/hr Babcock & Wilcox/FM10-52 and the 32.6 MM Btu/hr Nebraska - NS-8-46 boilers; respectively).

Parameter Monitored: OXIDES OF NITROGEN



Upper Permit Limit: 0.20 pounds per million Btus
Reference Test Method: Method 7, 7E or 19
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 80: Compliance Demonstration
Effective between the dates of 10/06/2011 and 10/05/2016

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

Item 80.1:

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

Emission Unit: U-00001 Process: BNG	Emission Point: E0001 Emission Source: S0002
Emission Unit: U-00001 Process: BNG	Emission Point: E0001 Emission Source: S0003
Emission Unit: U-00001 Process: BNG	Emission Point: E0001 Emission Source: S0008
Emission Unit: U-00001 Process: BOI	Emission Point: E0001 Emission Source: S0002
Emission Unit: U-00001 Process: BOI	Emission Point: E0001 Emission Source: S0003
Emission Unit: U-00001 Process: BOI	Emission Point: E0001 Emission Source: S0008
Regulated Contaminant(s): CAS No: 0NY210-00-0	OXIDES OF NITROGEN

Item 80.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A boiler tune-up shall be performed annually to the 25.2 MM Btu/hr Orr-Seambower boiler, to the 50 MM Btu/hr Babcock & Wilcox boiler, and to the 32.6 MM Btu/hr Nebraska boiler, defined in Emission Unit U-00001 as Emission Sources S0002, S0003 & S0008; respectively. Prior to July 1, 2014, the owner or operator of a small boiler (a boiler with a maximum heat input capacity equal to or greater than 10 million Btu per hour and equal to or less than 50 million Btu per hour) shall maintain a log (in the format acceptable to the Department as in Air



Guide 33 or DAR-5 containing the following information:

- (1) The date which the equipment was adjusted;
- and
- (2) The name, title, and affiliation of the person who adjusted the equipment.

Annual tune-up maintenance usually includes not only some aspects of daily, weekly, and monthly scheduled maintenance, but also focuses on tests, evaluations and adjustments necessary for efficient combustion. Annual tune-up maintenance requirements must include a tune-up checklist (see DAR-5 or Appendix A of Air Guide 33) and written procedures. According to Air Guide 33 or DAR-5, the following is a summary list and description of the items/equipments to be cleaned/inspected/repared or have to be adjusted during the annual tune-ups:

- (a) Inspection and cleaning, as necessary, of fireside and waterside surfaces.
- (b) Inspecting, cleaning and/or reconditioning of fuel systems.
- (c) Checking all electrical and combustion control systems.
- (d) Testing of exhaust gases (carbon monoxide, carbon dioxide, etc.) as necessary to calculate combustion efficiency and make necessary adjustments to the combustion control systems.
- (e) Inspection and repair of all valves (relief, safety, hydraulic, pneumatic, etc.)
- (f) Inspection and repair of refractories.
- (g) Cleaning and inspecting fan housing, blades, and inlet screens.
- (h) Cleaning/reconditioning and inspecting the feedwater system.

Reference Test Method: DAR-5 or Air Guide 33
Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2012.
Subsequent reports are due every 12 calendar month(s).

Condition 81: Compliance Demonstration



Effective between the dates of 10/06/2011 and 10/05/2016

Applicable State Requirement: 6 NYCRR 227-2.6 (a)

Item 81.1:

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

Emission Unit: U-00001 Process: BNG	Emission Point: E0001 Emission Source: S0002
Emission Unit: U-00001 Process: BNG	Emission Point: E0001 Emission Source: S0003
Emission Unit: U-00001 Process: BNG	Emission Point: E0001 Emission Source: S0008
Emission Unit: U-00001 Process: BOI	Emission Point: E0001 Emission Source: S0002
Emission Unit: U-00001 Process: BOI	Emission Point: E0001 Emission Source: S0003
Emission Unit: U-00001 Process: BOI	Emission Point: E0001 Emission Source: S0008

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

Item 81.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

§227-2.6 Testing, monitoring, and reporting requirements:

The owner/operator of mid-size boilers (>25 MM Btu/hr and equal or < 100 MM Btu/hr) shall measure NOx emissions by performing stack tests in accordance with the emission test requirements described in subdivision (c) of this section. A mid-size boiler is defined as: A boiler with a maximum heat input capacity greater than 25 million Btu per hour and equal to or less than 100 million Btu per hour.

(a) The owner or operator of the 25.2 MM Btu/hr Orr-Seambower boiler, the 50 MM Btu/hr Babcock & Wilcox boiler, and the 32.6 MM Btu/hr Nebraska boiler, defined in Emission Unit U-00001 as Emission Sources S0002, S0003 & S0008; respectively must verify NOx emissions by performing the applicable testing or monitoring procedure



detailed below:

(3) For any mid-size boiler, NO_x emissions must be

(i) measured in accordance with the emission test requirements described in subdivision (c) of this section, or

(ii) monitored with a CEMS as described in subdivision (b) of this section or with an equivalent monitoring system approved by the Department.

This condition applies to the 25.2 MM Btu/hr Orr-Seambower boiler, the 50 MM Btu/hr Babcock & Wilcox boiler, and the 32.6 MM Btu/hr Nebraska boiler, defined in Emission Unit U-00001 as Emission Sources S0002, S0003 & S0008. The NO_x RACT for boilers operating on residual oil/natural gas is a limit of 0.30 pounds per million Btu per hour prior to July 1, 2014 and a limit of 0.20 pounds per million Btu per hour on or after July 1, 2014.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

