



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

**IDENTIFICATION INFORMATION**

Permit Type: Air Title V Facility  
Permit ID: 2-6103-00760/00002  
Effective Date: 10/06/2016 Expiration Date: 10/05/2021

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

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

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

Contact: DANIEL ARROYO  
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 3)**

This is a Title V permit renewal for Maimonides Medical Center. The existing Title V permit expires on 10/5/2016. 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 (3) boilers, six (6) emergency generators, two (2) fume hoods, thirteen (13) storage tanks and one (1) print shop.

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



1. One 24.9 MM BTU/hr Powermaster/Orr-Seambower boiler (Emission Source S0002), firing both natural gas and # 2 fuel oil. This boiler has been de-rated from 25.2 MM Btu/hr.
2. One 50 MM BTU/hr Babcock & Wilcox boiler (Emission Source S0003), firing both natural gas and # 2 fuel oil
3. One 32.6 MM BTU/hr Nebraska boiler (Emission Source S0008), firing both natural gas and # 2 fuel oil
4. Three exempt emergency generators (500, 700 & 800 KW), and two other exempt emergency generators (300 KW each)
5. Thirteen fuel oil storage tanks
6. Two fume hoods
7. 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 Powermaster/Orr-Seambower boiler that has been de-rated from 25.2 MM Btu/hr to 24.9 MM Btu/hr (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 # 2 (Process OL2) 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 one emission unit: U-00001. Below is a description of that emission unit:

Emission Unit U-00001 consists of three boilers: one 24.9 MM Btu/hr Powermaster/Orr-Seambow (Emission Source S0002), one 50 MM Btu/hr Babcock & Wilcox (Emission Source S0003), and a 32.6 MM Btu/hr Nebraska (Emission Source S0008). All three boilers are capable of firing # 2 fuel oil (Process OL2) and natural gas (Process BNG). Flue gas from all three boilers will exhaust through the existing common stack (Emission Point E0001).

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. 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 0.0015% by weight or less as per 6 NYCRR 225-1.2, which has a more stringent limit for New York City than 40 CFR 60-Dc.42c(h), NSPS.

2. The facility is required to perform annual tune-up to the 24.9 MM Btu/hr Powermaster/Orr-Seambower boiler defined in Emission Unit U-00001 as Emission Source S0002, operating on natural gas (Process BNG) and # 2 fuel oil (Process OL2) as per 6 NYCRR 227-2.4 (d), reasonably available control technology (RACT) for oxides of nitrogen for small boilers. The owner or operator of a small boiler (between 1 and 25 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.

3. 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).

4. 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 OL2, 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 # 2 fuel oil process.

5. 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.



6. Maimonides Medical Center is required to 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 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.

7. All 6 existing emergency generators are RICE - Reciprocating Internal Combustion Engines and are not subject to 40 CFR 60 Subpart IIII - 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.

8. Stack testing is required for the 32.6 MM Btu/hr Nebraska boiler (Emission Source S0008), and the 50 MM Btu/hr Babcock & Wilcox boiler defined in Emission Unit U-00001 as Emission Sources S0003 & S0008; respectively, operating on natural gas (Process BNG) and # 2 fuel oil (Process OL2) as per 6 NYCRR 227-2.4 (c) (1) (ii), reasonably available control technology (RACT) for oxides of nitrogen for mid-size boilers.

The two mid-size boilers (Emission Sources S0003 and S0008) burning #2 fuel oil/gas subject to 6 NYCRR 227-2.4(c)(1)(ii) are subject to the NOx RACT of 6 NYCRR 227-2.4 (c)(1)(ii), are required to meet the NOx emission limit of 0.20 pounds of NOx per million Btus on or after July 1, 2014 for boilers operating on residual fuel oil/natural gas, may commit to burning a cleaner fuel between May 1st and September 30th of each year. Fuel switching must result in quantifiable annual NOx emissions equal to or less than the NOx emissions expected if the emission source complied with the applicable presumptive RACT emission limits set forth in 6 NYCRR 227-2.4(c)(1)(ii) of 0.20 pounds of NOx per million Btus rather than 0.08 pounds per million Btu per hour on or after July 1, 2014.

The NOx RACT for boilers operating on residual oil/natural gas is a limit of 0.20 pounds per million Btu per hour on or after July 1, 2014. These two boilers were operating on #6 fuel oil and natural gas, and as per the fuel switching 6 NYCRR 227-2.5 (a), the NOx RACT limit will remain at 0.20 pounds per million Btu per hour on or after July 1, 2014.



As per 6 NYCRR 227-2.5 (a), fuel switching must result in quantifiable annual NOx emissions equal to or less than the NOx emissions expected if the emission source complied with the applicable presumptive RACT emission limits set forth in 6 NYCRR 227-2.4(c)(1)(ii) of 0.20 pounds of NOx per million Btus rather than 0.08 pounds per million Btu per hour on or after July 1, 2014. These two boilers were operating on #6 fuel oil and natural gas, and as per the fuel switching 6 NYCRR 227-2.5 (a), the NOx RACT limit will remain at 0.20 pounds per million Btu per hour on or after July 1, 2014.

The facility operates other sources at this major facility which are considered exempt from permitting in accordance with 6 NYCRR 201-3.2(c), including six (6) emergency power generators (<500 hours/yr), thirteen (13) 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:           STEPHEN A WATTS  
  47-40 21ST ST  
  LONG ISLAND CITY, NY 11101-5401

Authorized Signature: \_\_\_\_\_ Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_



**Notification of Other State Permittee Obligations**

**Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification**

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

**Item B: Permittee's Contractors to Comply with Permit**

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

**Item C: Permittee Responsible for Obtaining Other Required Permits**

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

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

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



**LIST OF CONDITIONS**

**DEC GENERAL CONDITIONS**

**General Provisions**

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

**Facility Level**

- Submission of application for permit modification or renewal -  
REGION 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 renewal application at least 180 days before expiration of permits for both Title V and State Facility Permits.

**Item 3.3:**

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

**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.

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

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

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

**Item 5.1:**

Submission of applications for permit modification or renewal are to be submitted to:  
NYSDEC Regional Permit Administrator  
Region 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: 10/06/2016

Permit Expiration Date: 10/05/2021



## LIST OF CONDITIONS

### FEDERALLY ENFORCEABLE CONDITIONS

#### Facility Level

- 1 6 NYCRR 200.6: Acceptable Ambient Air Quality
- 2 6 NYCRR 201-6.4 (a) (7): Fees
- 3 6 NYCRR 201-6.4 (c): Recordkeeping and Reporting of Compliance Monitoring
- 4 6 NYCRR 201-6.4 (c) (2): Records of Monitoring, Sampling, and Measurement
- 5 6 NYCRR 201-6.4 (c) (3) (ii): Compliance Certification
- 6 6 NYCRR 201-6.4 (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 201-3.2 (a): Compliance Certification
- 15 6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
- 16 6 NYCRR 201-6.4 (a) (4): Requirement to Provide Information
- 17 6 NYCRR 201-6.4 (a) (8): Right to Inspect
- 18 6 NYCRR 201-6.4 (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 201-6.4 (d) (4): Progress Reports Due Semiannually
- 24 6 NYCRR 211.1: Air pollution prohibited
- 25 6 NYCRR 225-1.2 (f): Compliance Certification
- 26 6 NYCRR 225-1.2 (g): Compliance Certification
- 27 6 NYCRR 225-1.2 (h): Compliance Certification
- 28 6 NYCRR 225-1.6: Compliance Certification
- 29 6 NYCRR 227-2.4 (c) (1) (ii): Compliance Certification
- 30 6 NYCRR 227-2.4 (d): Compliance Certification
- 31 6 NYCRR 227-2.5 (a): Compliance Certification
- 32 6 NYCRR 227-2.6 (a): Compliance Certification
- 33 6 NYCRR 227-2.6 (c): Compliance Certification
- 34 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
- 35 40CFR 60, NSPS Subpart IIII: Compliance and Enforcement
- 36 40CFR 63, Subpart ZZZZ: Compliance and Enforcement

#### Emission Unit Level

- 37 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
- 38 6 NYCRR Subpart 201-6: Process Definition By Emission Unit

**EU=U-00001,EP=E0001**

- 39 6 NYCRR 227-1.3 (a): Compliance Certification



40 6 NYCRR 227.2 (b) (1): Compliance Certification

**EU=U-00001,EP=E0001,Proc=OL2,ES=S0003**

- 41 40CFR 60, NSPS Subpart A: Applicability of General Provisions of 40 CFR 60 Subpart A
- 42 40CFR 60.40c, NSPS Subpart Dc: Applicability of this Subpart to this emission source
- 43 40CFR 60.40c, NSPS Subpart Dc: Compliance Certification
- 44 40CFR 60.42c(d), NSPS Subpart Dc: Compliance Certification
- 45 40CFR 60.42c(h), NSPS Subpart Dc: Exemption from the averaging period.
- 46 40CFR 60.42c(i), NSPS Subpart Dc: Enforceability
- 47 40CFR 60.43c(c), NSPS Subpart Dc: Compliance Certification
- 48 40CFR 60.46c(d)(2), NSPS Subpart Dc: Compliance Certification
- 49 40CFR 60.46c(e), NSPS Subpart Dc: Exemption from sulfur dioxide monitoring requirements.
- 50 40CFR 60.47c, NSPS Subpart Dc: Compliance Certification
- 51 40CFR 60.48c(d), NSPS Subpart Dc: Compliance Certification
- 52 40CFR 60.48c(e)(1), NSPS Subpart Dc: Compliance Certification
- 53 40CFR 60.48c(e)(2), NSPS Subpart Dc: Compliance Certification
- 54 40CFR 60.48c(e)(3), NSPS Subpart Dc: Compliance Certification
- 55 40CFR 60.48c(e)(4), NSPS Subpart Dc: Compliance Certification
- 56 40CFR 60.48c(e)(7), NSPS Subpart Dc: Compliance Certification
- 57 40CFR 60.48c(g), NSPS Subpart Dc: Compliance Certification
- 58 40CFR 60.48c(i), NSPS Subpart Dc: Compliance Certification

**EU=U-00001,EP=E0001,Proc=OL2,ES=S0008**

- 59 40CFR 60, NSPS Subpart A: Applicability of General Provisions of 40 CFR 60 Subpart A
- 60 40CFR 60.40c, NSPS Subpart Dc: Applicability of this Subpart to this emission source
- 61 40CFR 60.40c, NSPS Subpart Dc: Compliance Certification
- 62 40CFR 60.42c(d), NSPS Subpart Dc: Compliance Certification
- 63 40CFR 60.42c(h), NSPS Subpart Dc: Exemption from the averaging period.
- 64 40CFR 60.42c(i), NSPS Subpart Dc: Enforceability
- 65 40CFR 60.43c(c), NSPS Subpart Dc: Compliance Certification
- 66 40CFR 60.46c(d)(2), NSPS Subpart Dc: Compliance Certification
- 67 40CFR 60.46c(e), NSPS Subpart Dc: Exemption from sulfur dioxide monitoring requirements.
- 68 40CFR 60.47c, NSPS Subpart Dc: Compliance Certification
- 69 40CFR 60.48c(d), NSPS Subpart Dc: Compliance Certification
- 70 40CFR 60.48c(e)(1), NSPS Subpart Dc: Compliance Certification
- 71 40CFR 60.48c(e)(2), NSPS Subpart Dc: Compliance Certification
- 72 40CFR 60.48c(e)(3), NSPS Subpart Dc: Compliance Certification
- 73 40CFR 60.48c(e)(4), NSPS Subpart Dc: Compliance Certification
- 74 40CFR 60.48c(e)(7), NSPS Subpart Dc: Compliance Certification
- 75 40CFR 60.48c(g), NSPS Subpart Dc: Compliance Certification
- 76 40CFR 60.48c(i), NSPS Subpart Dc: Compliance Certification

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 77 ECL 19-0301: Contaminant List
- 78 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities



79 6 NYCRR 211.2: Visible Emissions Limited



**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: 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 B: Timely Application for the Renewal of Title V Permits - 6 NYCRR 201-6.2 (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 C: Certification by a Responsible Official - 6 NYCRR 201-6.2 (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 D: Requirement to Comply With All Conditions - 6 NYCRR 201-6.4 (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 E: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR 201-6.4 (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 F: Cessation or Reduction of Permitted Activity Not a Defense - 6 NYCRR 201-6.4 (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 G: Property Rights - 6 NYCRR 201-6.4 (a) (6)**

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

**Item H: Severability - 6 NYCRR 201-6.4 (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 I: Permit Shield - 6 NYCRR 201-6.4 (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 J: Reopening for Cause - 6 NYCRR 201-6.4 (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 K: 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 L: 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 10/06/2016 and 10/05/2021**

**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 10/06/2016 and 10/05/2021**

**Applicable Federal Requirement:6 NYCRR 201-6.4 (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 10/06/2016 and 10/05/2021**

**Applicable Federal Requirement:6 NYCRR 201-6.4 (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 201-6.2 of Part 201.

**Condition 4: Records of Monitoring, Sampling, and Measurement**  
**Effective between the dates of 10/06/2016 and 10/05/2021**

**Applicable Federal Requirement:6 NYCRR 201-6.4 (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 10/06/2016 and 10/05/2021**

**Applicable Federal Requirement: 6 NYCRR 201-6.4 (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 201-6.2(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 may be submitted electronically or physically. Electronic reports shall be submitted using the Department's Air Compliance and Emissions Electronic-Reporting system (ACE). If the facility owner or operator elects to send physical copies instead, two copies shall be sent 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) and one copy shall be sent to the Administrator (or his or her representative). Mailing addresses for the above referenced persons are contained in the monitoring condition for 6 NYCRR Part 201-6.4(e), contained elsewhere in this permit.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2017.

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

**Condition 6: Compliance Certification**  
**Effective between the dates of 10/06/2016 and 10/05/2021**

**Applicable Federal Requirement: 6 NYCRR 201-6.4 (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 record keeping 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 annual compliance certifications may be submitted electronically or physically. Electronic reports shall be submitted using the Department's Air Compliance and Emissions Electronic-Reporting system (ACE). If the facility owner or operator elects to send physical copies instead, two copies shall be sent 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) and one copy shall be sent to the Administrator (or his or her representative). The mailing addresses for the above referenced persons are:

Chief – Stationary Source Compliance Section  
USEPA Region 2  
Air Compliance Branch  
290 Broadway  
New York, NY 10007-1866

The address for the RAPCE is as follows:

Regional Air Pollution Control Engineer  
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

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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 10/30/2017.  
Subsequent reports are due on the same day each year

**Condition 7: Compliance Certification**  
**Effective between the dates of 10/06/2016 and 10/05/2021**

**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 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 10/06/2016 and 10/05/2021**

**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 10/06/2016 and 10/05/2021**



**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**











**Condition 22: Emission Unit Definition**  
**Effective between the dates of 10/06/2016 and 10/05/2021**

**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 24.9 MM Btu/hr Powermaster/ Orr- Seambower (Emission Source S0002), one 50 MM Btu/hr Babcock & Wilcox (Emission Source S0003), and a 32.6 MM Btu/hr Nebraska (Emission Source S0008). All three boilers are capable of firing # 2 fuel oil (Process OL2) and natural gas (Process BNG). Natural gas will continue to remain as the primary fuel. In the event of natural gas shortage, more fuel oil will be used, and vice versa. Flue gas from all three boilers will exhaust through the existing common stack (Emission Point E0001).

The conversion project from # 6 fuel oil to #2 fuel oil will be finished by July 31, 2016.

Building(s): 0000000001

**Condition 23: Progress Reports Due Semiannually**  
**Effective between the dates of 10/06/2016 and 10/05/2021**

**Applicable Federal Requirement:6 NYCRR 201-6.4 (d) (4)**

**Item 23.1:**

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 24: Air pollution prohibited**  
**Effective between the dates of 10/06/2016 and 10/05/2021**

**Applicable Federal Requirement:6 NYCRR 211.1**

**Item 24.1:**

No person shall cause or allow emissions of air contaminants to the outdoor atmosphere of such

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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 25: Compliance Certification**  
**Effective between the dates of 10/06/2016 and 10/05/2021**

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

**Item 25.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 25.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

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

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

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NUMBER 2 HEATING OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.0015 percent by weight

Monitoring Frequency: PER DELIVERY

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 26: Compliance Certification**  
**Effective between the dates of 10/06/2016 and 10/05/2021**

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

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**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: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Owners and/or operators of a stationary combustion installation that fires distillate oil other than number two heating oil are limited to the purchase of distillate oil with 0.0015 percent sulfur by weight or less on or after July 1, 2014. Compliance with this limit will be based on vendor certifications.

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

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.0015 percent by weight

Monitoring Frequency: PER DELIVERY

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 27: Compliance Certification**

**Effective between the dates of 10/06/2016 and 10/05/2021**

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

**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

Monitoring Description:

Owners and/or operators of a stationary combustion installations that fire distillate oil are limited to the



firing of distillate oil with 0.0015 percent sulfur by weight or less on or after July 1, 2016. Compliance with this limit will be based on vendor certifications.

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

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

**Condition 28: Compliance Certification**  
**Effective between the dates of 10/06/2016 and 10/05/2021**

**Applicable Federal Requirement: 6 NYCRR 225-1.6**

**Item 28.1:**

The Compliance Certification activity will be performed for the Facility.

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

**Item 28.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:  
§225-1.6 Reports, sampling, and analysis.

(a) The department will require fuel analyses, information on the quantity of fuel received, fired or sold, and results of stack sampling, stack monitoring, and other procedures to ensure compliance with the provisions of this Subpart.

(b) (1) Any person who sells oil and/or coal must retain, for at least five years, records containing the following information:

(i) fuel analyses and data on the quantities of all oil



and coal received; and

(ii) the names of all purchasers, fuel analyses, and data on the quantities of all oil and coal sold.

(2) Such fuel analyses must contain, as a minimum:

(i) data on the sulfur content, ash content, specific gravity, and heating value of residual oil;

(ii) data on the sulfur content, specific gravity, and heating value of distillate oil; and

(iii) data on the sulfur content, ash content, and heating value of coal.

(c) Sampling, compositing, and analysis of fuel samples must be done in accordance with methods acceptable to the department.

(d) Facility owners or fuel distributors required to maintain and retain records pursuant to this Subpart must make such records available for inspection by the department.

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

(f) Facility owners subject to this Subpart must submit a written report of the fuel sulfur content exceeding the applicable sulfur-in-fuel limitation, measured emissions exceeding the applicable sulfur-in-fuel limitation, measured emissions exceeding the applicable equivalent emission rate, and the nature and cause of such exceedances if known, for each calendar quarter, within 30 days after the end of any quarterly period in which an exceedance takes place.

Monitoring Frequency: PER DELIVERY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2017.

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

**Condition 29: Compliance Certification**



Effective between the dates of 10/06/2016 and 10/05/2021

Applicable Federal Requirement: 6 NYCRR 227-2.4 (c) (1) (ii)

**Item 29.1:**

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: S0003
Emission Unit: U-00001 Process: BNG	Emission Point: E0001 Emission Source: S0008
Emission Unit: U-00001 Process: OL2	Emission Point: E0001 Emission Source: S0003
Emission Unit: U-00001 Process: OL2	Emission Point: E0001 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:

Maimonides Medical Center is required to perform testing the two mid-size boilers (Emission Sources S0003 and S0008 - 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 NO<sub>x</sub> 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. These two boilers operate on #2 fuel oil (Process OL2) and on natural gas (Process BNG). The two boilers have been operating on natural gas (Process BNG) and #2 fuel oil (Process OL2).

Process OL2 is replacing #6 fuel oil (Process BOI). The three boilers have been operating on natural gas only since 1/31/2013 because Process BOI has ended on 1/31/2013. Process OL2 will begin as soon as the conversion to #2 fuel oil is complete (during the year 2015). After the conversion to #2 fuel oil is complete, the hospital will perform the emission testing on Natural Gas (process BNG) and #2 fuel oil (Process OL2).

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 NO<sub>x</sub> per million Btus under the NO<sub>x</sub> RACT rule plan for mid-size boilers and Fuel Switching Compliance Option.

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 NO<sub>x</sub> 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 two mid-size boilers (Emission Sources S0003 and S0008 - 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 NO<sub>x</sub> emission limit compliance.

2014 NO<sub>x</sub> RACT rule Plan - Fuel Switching Compliance Option:

A facility currently firing # 6 fuel oil/gas can opt to switch to #2 fuel oil/gas and still will require to meet the new NO<sub>x</sub> emission limit of # 6 fuel oil/gas only and not the new # 2 fuel oil/gas emission limit, even though they will be firing #2 fuel oil, which is a cleaner fuel and it is their option to burn. For example, a mid-size boiler currently firing #6 fuel oil/gas will require to meet 0.20 lbs/MMBtu upon switching to # 2 fuel oil/gas and not the 0.08 lb/MMBtu which is for the #2 fuel oil.

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Please see related Condition # 31 for 6 NYCRR 227-2.5  
(a).

Parameter Monitored: OXIDES OF NITROGEN  
Upper Permit Limit: 0.20 pounds per million Btus  
Reference Test Method: 40 CFR 60 Appendix A, 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 10/06/2016 and 10/05/2021**

**Applicable Federal Requirement: 6 NYCRR 227-2.4 (d)**

**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: S0002

Emission Unit: U-00001	Emission Point: E0001
Process: OL2	Emission Source: S0002

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

**Item 30.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a small boiler (a boiler with a maximum heat input capacity equal to or greater than one million Btu per hour and equal to or less than 25 million Btu per hour) or a small combustion turbine or a small stationary internal combustion engine must annually perform a tune-up of their equipment and maintain the data in a permanently bound log book containing the following information:

- a. Date of last tune-up,
- b. Name, Title and affiliation of person making adjustments, and
- c. Any other information that the Department may require.

This tune-up should be performed in accordance with the



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requirements of the DAR-5 guidance document. Records of each tune-up must be kept on-site for a minimum of five years.

A small boiler is defined as a boiler with a maximum heat input capacity equal to or greater than one million Btu per hour and equal to or less than 25 million Btu per hour.

This condition applies to the 24.9 MM Btus/hr Powermaster/Orr-Seambower boiler (Emission Source S0002) in Emission Unit U-00001 operating on natural gas (Process BNG) and distillate fuel oil (Process OL2).

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2017.
Subsequent reports are due every 12 calendar month(s).

Condition 31: Compliance Certification
Effective between the dates of 10/06/2016 and 10/05/2021

Applicable Federal Requirement:6 NYCRR 227-2.5 (a)

Item 31.1:

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

Table with 2 columns: Emission Unit/Process and Emission Point/Source. Rows include combinations of U-00001, BNG, OL2 processes and E0001, S0003, S0008 sources.

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

Item 31.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
2014 NOx RACT rule Plan - Fuel Switching Compliance
Option:



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

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.

Process OL2 (# 2 fuel oil) will replace the #6 fuel oil (Process BOI). The three boilers have been operating on natural gas only since 1/31/2013 because Process BOI has ended on 1/31/2013. Process OL2 will begin as soon as the conversion to #2 fuel oil is complete (by July 31, 2016). After the conversion to #2 fuel oil is complete, the hospital will perform the emission testing on Natural Gas (process BNG) and #2 fuel oil (Process OL2).

A facility currently firing # 6 fuel oil/gas can opt to switch to #2 fuel oil/gas and still will require to meet the new NOx emission limit of # 6 fuel oil/gas only and not the new # 2 fuel oil/gas emission limit, even though they will be firing #2 fuel oil, which is a cleaner fuel and it is their option to burn. For example, a mid-size boiler currently firing #6 fuel oil/gas will require to meet 0.20 lbs/MMBtu upon switching to # 2 fuel oil/gas and not the 0.08 lb/MMBtu which is for the #2 fuel oil.

The two mid-size boilers (Emission Sources S0003 and S0008) burning oil/gas subject to 6 NYCRR 227-2.4(c)(1)(ii) meet the NOx emission limit of 0.08 pounds of NOx per million Btus on or after July 1, 2014, may commit to burning a cleaner fuel between May 1st and September 30th of each year. Fuel switching must result in quantifiable annual NOx emissions equal to or less than the NOx emissions expected if the emission source complied with the applicable presumptive RACT emission limits set forth in 6 NYCRR 227-2.4(c)(1)(ii) of 0.20 pounds of NOx per million Btus rather than 0.08 pounds per million Btu per hour on or after July 1, 2014.

This condition applies to 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 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 on or after July 1, 2014. These two boilers were operating on #6 fuel oil and natural gas, and as per the fuel switching 6 NYCRR 227-2.5 (a), the NOx RACT limit will remain at 0.20 pounds per million Btu per



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hour.

(a) The owner or operator of 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 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 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 S0003 & S0008. The NOx RACT for boilers operating on residual oil/natural gas is 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

**Condition 33: Compliance Certification**  
**Effective between the dates of 10/06/2016 and 10/05/2021**

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

**Item 33.1:**

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: S0003
Emission Unit: U-00001 Process: BNG	Emission Point: E0001 Emission Source: S0008
Emission Unit: U-00001 Process: OL2	Emission Point: E0001 Emission Source: S0003
Emission Unit: U-00001 Process: OL2	Emission Point: E0001 Emission Source: S0008

Regulated Contaminant(s):



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

**Item 33.2:**

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 NO<sub>x</sub> 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, and the 32.6 MM Btu/hr Nebraska boiler, defined in Emission Unit U-00001 as Emission Sources S0003 & S0008; respectively must verify NO<sub>x</sub> emissions by performing the applicable testing or monitoring procedure detailed below:

(3) For any mid-size boiler, NO<sub>x</sub> 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, and the 32.6 MM Btu/hr Nebraska boiler, defined in Emission Unit U-00001 as Emission Sources S0003 & S0008; respectively. The NO<sub>x</sub> RACT for boilers operating on residual oil/natural gas is a limit of 0.20 pounds per million Btu per hour on or after July 1, 2014. These two boilers were operating on #6 fuel oil and natural gas, and as per the fuel switching 6 NYCRR 227-2.5 (a), the NO<sub>x</sub> RACT limit will remain at 0.20 pounds per million Btu per hour on or after July 1, 2014.

Please see related Conditions # 29 for 6 NYCRR 227-2.4 (c) ((1) (ii) and # 31 for 6 NYCRR 227-2.5 (a).

Please note that Process OL2 will replace #6 fuel oil (Process BOI). The three boilers have been operating on



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delegation.

**Condition 36: Compliance and Enforcement**  
**Effective between the dates of 10/06/2016 and 10/05/2021**

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

**Item 36.1:**

The Department has not accepted delegation of 40 CFR Part 63 Subpart ZZZZ. Any questions concerning compliance and/or enforcement of this regulation should be referred to USEPA Region 2, 290 Broadway, 21st Floor, New York, NY 10007-1866; (212) 637-4080. Should the Department decide to accept delegation of 40 CFR Part 63 Subpart ZZZZ during the term of this permit, enforcement of this regulation will revert to the Department as of the effective date of delegation.

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

**Condition 37: Emission Point Definition By Emission Unit**  
**Effective between the dates of 10/06/2016 and 10/05/2021**

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

**Item 37.1:**

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 38: Process Definition By Emission Unit**  
**Effective between the dates of 10/06/2016 and 10/05/2021**

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

**Item 38.1:**

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:

Process BNG is when the three boilers; the 24.9 MM Btu/hr Powermaster/ Orr-Seambower (Emission Source S0002), the 50 MM Btu/hr Babcock & Wilcox (Emission Source S0003), and the 32.6 MM Btu/hr Nebraska (Emission Source S0008) in

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Emission Unit U-00001 fire natural gas (Process BNG) and #2 fuel oil (Process OL2). Natural gas will continue to remain as the primary fuel. In the event of natural gas shortage, more fuel oil will be used, and vice versa.

Flue gas from all three boilers will exhaust through the existing common stack (Emission Point E0001).

The conversion project from # 6 fuel oil to #2 fuel oil will be finished by July 31, 2016.

Emission Source/Control: S0002 - Combustion  
Design Capacity: 24.9 million Btu per hour

Emission Source/Control: S0003 - Combustion  
Design Capacity: 50 million Btu per hour

Emission Source/Control: S0008 - Combustion  
Design Capacity: 32.6 million Btu per hour

**Item 38.2:**

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

Emission Unit: U-00001

Process: OL2

Source Classification Code: 1-03-004-02

Process Description:

Process OL2 is when the three boilers; the 24.9 MM Btu/hr Powermaster/ Orr-Seambower (Emission Source S0002), the 50 MM Btu/hr Babcock & Wilcox (Emission Source S0003), and the 32.6 MM Btu/hr Nebraska (Emission Source S0008) in Emission Unit U-00001 fire # 2 fuel oil.

All three boilers are capable of firing # 2 fuel oil (Process OL2) and natural gas (Process BNG). Natural gas will continue to remain as the primary fuel. In the event of natural gas shortage, more fuel oil will be used, and vice versa. Flue gas from all three boilers will exhaust through the existing common stack (Emission Point E0001).

Process OL2 is replacing #6 fuel oil (Process BOI). The three boilers have been operating on natural gas only since 1/31/2013 because Process BOI has ended on 1/31/2013. Process OL2 will begin as soon as the conversion to # 2 fuel oil is complete (by July 31, 2016). After the conversion to # 2 fuel oil is complete, the hospital will perform the emission testing on natural gas (process BNG) and # 2 fuel oil (Process OL2).

The conversion project from # 6 fuel oil to # 2 fuel oil will be finished by July 31, 2016.



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Emission Source/Control: S0002 - Combustion  
Design Capacity: 24.9 million Btu per hour

Emission Source/Control: S0003 - Combustion  
Design Capacity: 50 million Btu per hour

Emission Source/Control: S0008 - Combustion  
Design Capacity: 32.6 million Btu per hour

**Condition 39: Compliance Certification**  
**Effective between the dates of 10/06/2016 and 10/05/2021**

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

**Item 39.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: E0001

**Item 39.2:**

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

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 4/30/2017.

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

**Condition 40: Compliance Certification**  
**Effective between the dates of 10/06/2016 and 10/05/2021**

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

**Item 40.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:



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Emission Unit: U-00001  
Process: OL2

Emission Point: E0001  
Emission Source: S0002

Emission Unit: U-00001  
Process: OL2

Emission Point: E0001  
Emission Source: S0003

Emission Unit: U-00001  
Process: OL2

Emission Point: E0001  
Emission Source: S0008

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

**Item 40.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

At the monitoring frequency stated below the facility shall perform the following:

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

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.10 pounds per million Btus

Reference Test Method: EPA RM 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

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 4/30/2017.

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

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**Condition 41: Applicability of General Provisions of 40 CFR 60 Subpart A Effective between the dates of 10/06/2016 and 10/05/2021**

**Applicable Federal Requirement:40CFR 60, NSPS Subpart A**

**Item 41.1:**

This Condition applies to Emission Unit: U-00001 Emission Point: E0001  
Process: OL2 Emission Source: S0003

**Item 41.2:**

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 42: Applicability of this Subpart to this emission source Effective between the dates of 10/06/2016 and 10/05/2021**

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

**Item 42.1:**

This Condition applies to Emission Unit: U-00001 Emission Point: E0001  
Process: OL2 Emission Source: S0003

**Item 42.2:**

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 43: Compliance Certification Effective between the dates of 10/06/2016 and 10/05/2021**

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

**Item 43.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: E0001  
Process: OL2 Emission Source: S0003

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

**Item 43.2:**

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 (SO<sub>2</sub>) 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 4/30/2017.

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

**Condition 44: Compliance Certification**

**Effective between the dates of 10/06/2016 and 10/05/2021**

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

**Item 44.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: E0001

Process: OL2

Emission Source: S0003

Regulated Contaminant(s):

CAS No: 007446-09-5

SULFUR DIOXIDE

**Item 44.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

On or after the date on which the initial performance test is completed or required to be completed under section 60.8 of this part, no owner or operator of an affected facility that combusts oil shall combust residual oil with a sulfur content in excess of 0.0015 percent by weight.

This regulation (40 CFR 60.42c(d), NSPS Subpart Dc) is overruled by regulation 6 NYCRR 225.1(a)(3), which limits

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the sulfur content in the distillate fuel oil (# 2 oil) to 0.0015 percent by weight to facilities in the severe ozone non-attainment area such as New York City.

Work Practice Type: PARAMETER OF PROCESS MATERIAL  
Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL  
Parameter Monitored: SULFUR CONTENT  
Upper Permit Limit: 0.0015 percent by weight  
Monitoring Frequency: PER DELIVERY  
Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE -  
SEE MONITORING DESCRIPTION  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 4/30/2017.  
Subsequent reports are due every 6 calendar month(s).

**Condition 45: Exemption from the averaging period.**  
**Effective between the dates of 10/06/2016 and 10/05/2021**

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

**Item 45.1:**

This Condition applies to Emission Unit: U-00001 Emission Point: E0001  
Process: OL2 Emission Source: S0003

**Item 45.2:**

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 46: Enforceability**  
**Effective between the dates of 10/06/2016 and 10/05/2021**

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

**Item 46.1:**

This Condition applies to Emission Unit: U-00001 Emission Point: E0001  
Process: OL2 Emission Source: S0003

**Item 46.2:**

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 47: Compliance Certification**  
**Effective between the dates of 10/06/2016 and 10/05/2021**

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



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**DEVICE PARAMETERS AS SURROGATE**

**Monitoring Description:**

As an alternative to operating a CEMs at the inlet to the SO<sub>2</sub> control device (or outlet of the steam generating unit if no SO<sub>2</sub> control device is used) as required under paragraph §60.46c (a), an owner or operator may elect to determine the average SO<sub>2</sub> 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.

Manufacturer Name/Model Number: BABCOCK & WILCOX/FM10-52

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.0015 percent

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 4/30/2017.

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

**Condition 49: Exemption from sulfur dioxide monitoring requirements.  
Effective between the dates of 10/06/2016 and 10/05/2021**

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

**Item 49.1:**

This Condition applies to Emission Unit: U-00001 Emission Point: E0001  
Process: OL2 Emission Source: S0003

**Item 49.2:**

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 50: Compliance Certification  
Effective between the dates of 10/06/2016 and 10/05/2021**

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

**Item 50.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: E0001  
Process: OL2 Emission Source: S0003

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

**Item 50.2:**

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.

Manufacturer Name/Model Number: BABCOCK & WILCOX/FM10-52

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 4/30/2017.

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

**Condition 51: Compliance Certification**  
**Effective between the dates of 10/06/2016 and 10/05/2021**

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

**Item 51.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001      Emission Point: E0001  
Process: OL2      Emission Source: S0003

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

**Item 51.2:**

Compliance Certification shall include the following monitoring:



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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 4/30/2017.

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

**Condition 52: Compliance Certification**  
**Effective between the dates of 10/06/2016 and 10/05/2021**

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

**Item 52.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: E0001

Process: OL2

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 §60.42c 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 4/30/2017.

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

**Condition 53: Compliance Certification**  
**Effective between the dates of 10/06/2016 and 10/05/2021**

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

**Item 53.1:**

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The Compliance Certification activity will be performed for:

Emission Unit: U-00001  
Process: OL2

Emission Point: E0001  
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 SO<sub>2</sub> emission limits, fuel oil sulfur limits, or percent reduction requirements under §60.43c shall keep records as required under §60.48c(d) including the following information.

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2017.

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

**Condition 54: Compliance Certification**

**Effective between the dates of 10/06/2016 and 10/05/2021**

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

**Item 54.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001  
Process: OL2

Emission Point: E0001  
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:

**New York State Department of Environmental Conservation**

Permit ID: 2-6103-00760/00002

Facility DEC ID: 2610300760



The owner or operator of each affected facility subject to the SO<sub>2</sub> emission limits, fuel oil sulfur limits, or percent reduction requirements under §60.43c shall keep records as required under §60.48c(d) including the following information.

Each 30-day average percent of potential SO<sub>2</sub> 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 4/30/2017.

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

**Condition 55: Compliance Certification**  
**Effective between the dates of 10/06/2016 and 10/05/2021**

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

**Item 55.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: E0001

Process: OL2

Emission Source: S0003

Regulated Contaminant(s):

CAS No: 007446-09-5

SULFUR DIOXIDE

**Item 55.2:**

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 SO<sub>2</sub> emission limits, fuel oil sulfur limits, or percent reduction requirements under §60.43c shall keep records as required under §60.48c(d) including the following information.

Identification of any steam generating unit operating days for which SO<sub>2</sub> 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

**New York State Department of Environmental Conservation**

Permit ID: 2-6103-00760/00002

Facility DEC ID: 2610300760



**DESCRIPTION**

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2017.

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

**Condition 56: Compliance Certification**  
**Effective between the dates of 10/06/2016 and 10/05/2021**

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

**Item 56.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: E0001

Process: OL2

Emission Source: S0003

Regulated Contaminant(s):

CAS No: 007446-09-5      SULFUR DIOXIDE

**Item 56.2:**

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 SO<sub>2</sub> emission limits, fuel oil sulfur limits, or percent reduction requirements under §60.43c shall keep records as required under §60.48c(d) including the following information.

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 4/30/2017.

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

**Condition 57: Compliance Certification**  
**Effective between the dates of 10/06/2016 and 10/05/2021**

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

**Item 57.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: E0001

Process: OL2

Emission Source: S0003

**New York State Department of Environmental Conservation**

Permit ID: 2-6103-00760/00002

Facility DEC ID: 2610300760



**Item 57.2:**

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 4/30/2017.

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

**Condition 58: Compliance Certification**

**Effective between the dates of 10/06/2016 and 10/05/2021**

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

**Item 58.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: E0001

Process: OL2

Emission Source: S0003

**Item 58.2:**

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 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 4/30/2017.

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

**Condition 59: Applicability of General Provisions of 40 CFR 60 Subpart A**

**Effective between the dates of 10/06/2016 and 10/05/2021**

**Applicable Federal Requirement:40CFR 60, NSPS Subpart A**

**Item 59.1:**



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This Condition applies to Emission Unit: U-00001 Emission Point: E0001  
Process: OL2 Emission Source: S0008

**Item 59.2:**

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 60: Applicability of this Subpart to this emission source  
Effective between the dates of 10/06/2016 and 10/05/2021**

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

**Item 60.1:**

This Condition applies to Emission Unit: U-00001 Emission Point: E0001  
Process: OL2 Emission Source: S0008

**Item 60.2:**

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 61: Compliance Certification  
Effective between the dates of 10/06/2016 and 10/05/2021**

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

**Item 61.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: E0001  
Process: OL2 Emission Source: S0008

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

**Item 61.2:**

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

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sulfur dioxide (SO<sub>2</sub>) 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 4/30/2017.

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

**Condition 62: Compliance Certification**  
**Effective between the dates of 10/06/2016 and 10/05/2021**

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

**Item 62.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: E0001

Process: OL2

Emission Source: S0008

Regulated Contaminant(s):

CAS No: 007446-09-5      SULFUR DIOXIDE

**Item 62.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

On or after the date on which the initial performance test is completed or required to be completed under section 60.8 of this part, no owner or operator of an affected facility that combusts oil shall combust residual oil with a sulfur content in excess of 0.0015 percent by weight.

This regulation (40 CFR 60.42c(d), NSPS Subpart Dc) is overruled by regulation 6 NYCRR 225.1(a)(3), which limits the sulfur content in the distillate fuel oil (# 2 oil) to 0.0015 percent by weight to facilities in the severe ozone non-attainment area such as New York City.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT



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Upper Permit Limit: 0.0015 percent by weight  
Monitoring Frequency: PER DELIVERY  
Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE -  
SEE MONITORING DESCRIPTION  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 4/30/2017.  
Subsequent reports are due every 6 calendar month(s).

**Condition 63: Exemption from the averaging period.  
Effective between the dates of 10/06/2016 and 10/05/2021**

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

**Item 63.1:**

This Condition applies to Emission Unit: U-00001 Emission Point: E0001  
Process: OL2 Emission Source: S0008

**Item 63.2:**

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 64: Enforceability  
Effective between the dates of 10/06/2016 and 10/05/2021**

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

**Item 64.1:**

This Condition applies to Emission Unit: U-00001 Emission Point: E0001  
Process: OL2 Emission Source: S0008

**Item 64.2:**

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 65: Compliance Certification  
Effective between the dates of 10/06/2016 and 10/05/2021**

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

**Item 65.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: E0001  
Process: OL2 Emission Source: S0008

**Item 65.2:**



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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.

Manufacturer Name/Model Number: NEBRASKA - NS-8-46

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: CONTINUOUS

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2017.

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

**Condition 66: Compliance Certification**

**Effective between the dates of 10/06/2016 and 10/05/2021**

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

**Item 66.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: E0001

Process: OL2

Emission Source: S0008

Regulated Contaminant(s):

CAS No: 007446-09-5

SULFUR DIOXIDE

**Item 66.2:**

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

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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.

Manufacturer Name/Model Number: NEBRASKA - NS-8-46
Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 0.0015 percent
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 4/30/2017.
Subsequent reports are due every 6 calendar month(s).

Condition 67: Exemption from sulfur dioxide monitoring requirements. Effective between the dates of 10/06/2016 and 10/05/2021

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

Item 67.1:

This Condition applies to Emission Unit: U-00001 Emission Point: E0001
Process: OL2 Emission Source: S0008

Item 67.2:

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 68: Compliance Certification Effective between the dates of 10/06/2016 and 10/05/2021

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

Item 68.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: E0001
Process: OL2 Emission Source: S0008

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

Item 68.2:

Compliance Certification shall include the following monitoring:

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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.

Manufacturer Name/Model Number: NEBRASKA - NS-8-46

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 4/30/2017.

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

**Condition 69: Compliance Certification**

**Effective between the dates of 10/06/2016 and 10/05/2021**

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

**Item 69.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: E0001

Process: OL2

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 SO<sub>2</sub> emission limits, fuel oil sulfur limits, or percent reduction requirements under §60.42c shall submit semi-annual reports to the Administrator.



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Permit ID: 2-6103-00760/00002

Facility DEC ID: 2610300760

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2017.

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

**Condition 70: Compliance Certification**  
**Effective between the dates of 10/06/2016 and 10/05/2021**

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

**Item 70.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: E0001

Process: OL2

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 SO<sub>2</sub> emission limits, fuel oil sulfur limits, or percent reduction requirements under §60.42c shall keep records as required under §60.48c(d) including the following information.

Calendar dates covered in the reporting period.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2017.

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

**Condition 71: Compliance Certification**  
**Effective between the dates of 10/06/2016 and 10/05/2021**

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

**Item 71.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: E0001

Process: OL2

Emission Source: S0008

Regulated Contaminant(s):

CAS No: 007446-09-5      SULFUR DIOXIDE

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**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 SO<sub>2</sub> emission limits, fuel oil sulfur limits, or percent reduction requirements under §60.43c shall keep records as required under §60.48c(d) including the following information.

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2017.

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

**Condition 72: Compliance Certification**

**Effective between the dates of 10/06/2016 and 10/05/2021**

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

**Item 72.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: E0001

Process: OL2

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 SO<sub>2</sub> emission limits, fuel oil sulfur limits, or percent reduction requirements under §60.43c shall keep records as required under §60.48c(d) including the following information.

Each 30-day average percent of potential SO<sub>2</sub> emission rate

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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 4/30/2017.

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

**Condition 73: Compliance Certification**  
**Effective between the dates of 10/06/2016 and 10/05/2021**

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

**Item 73.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: E0001

Process: OL2

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 SO<sub>2</sub> emission limits, fuel oil sulfur limits, or percent reduction requirements under §60.43c shall keep records as required under §60.48c(d) including the following information.

Identification of any steam generating unit operating days for which SO<sub>2</sub> 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 4/30/2017.

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

**Condition 74: Compliance Certification**

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Permit ID: 2-6103-00760/00002

Facility DEC ID: 2610300760



**Effective between the dates of 10/06/2016 and 10/05/2021**

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

**Item 74.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001  
Process: OL2

Emission Point: E0001  
Emission Source: S0008

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

**Item 74.2:**

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 SO<sub>2</sub> emission limits, fuel oil sulfur limits, or percent reduction requirements under §60.43c shall keep records as required under §60.48c(d) including the following information.

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 4/30/2017.

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

**Condition 75: Compliance Certification**

**Effective between the dates of 10/06/2016 and 10/05/2021**

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

**Item 75.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001  
Process: OL2

Emission Point: E0001  
Emission Source: S0008

**Item 75.2:**

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

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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 4/30/2017.

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

**Condition 76: Compliance Certification**

**Effective between the dates of 10/06/2016 and 10/05/2021**

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

**Item 76.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: E0001

Process: OL2

Emission Source: S0008

**Item 76.2:**

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 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 4/30/2017.

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: Emergency Defense - 6 NYCRR 201-1.5**

An emergency, as defined by subpart 201-2, constitutes an affirmative defense to penalties sought in an enforcement action brought by the Department 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 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 and maintained;

(3) During the period of the emergency the facility owner 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 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 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: 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 77: Contaminant List**  
**Effective between the dates of 10/06/2016 and 10/05/2021**

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

**Item 77.1:**  
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 78: Malfunctions and start-up/shutdown activities**  
**Effective between the dates of 10/06/2016 and 10/05/2021**

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

**Item 78.1:**  
(a) The facility owner or operator shall take all necessary and appropriate actions to prevent the emission of air pollutants that result in contravention of any applicable emission standard during periods of start-up, shutdown, or malfunction.



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

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

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

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

**Condition 79: Visible Emissions Limited**  
**Effective between the dates of 10/06/2016 and 10/05/2021**

**Applicable State Requirement:6 NYCRR 211.2**

**Item 79.1:**

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