



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 2-6201-00005/00007
Effective Date: 11/05/2013 Expiration Date: 11/04/2018

Permit Issued To: THE NEW YORK AND PRESBYTERIAN HOSPITAL
525 E 68TH ST
NEW YORK, NY 10065-4885

Contact: JOHN D'ANGELO
THE NEW YORK PRESBYTERIAN HOSPITAL
177 FORT WASHINGTON AVE STE 9006
NEW YORK, NY 10032
(212) 305-2052

Facility: NEW YORK PRESBYTERIAN HOSPITAL
622 W 168TH ST
NEW YORK, NY 10032-3702

Contact: JOHN D'ANGELO
THE NEW YORK PRESBYTERIAN HOSPITAL
177 FORT WASHINGTON AVE STE 9006
NEW YORK, NY 10032
(212) 305-2052

Description:

PERMIT DESCRIPTION
New York Presbyterian Hospital
DEC ID # 2-6201-00005/00007 (Ren 2, Mod 0)

New York Presbyterian Hospital (NYPH), located at 622 West 168th Street, New York, NY (Uptown Campus), operates a few emission sources that include four large size dual fuel (oil and gas) boilers. Two of these four boilers are old 150 MM Btu/hr Combustion Engineering (each) - Emission Sources 00004 & 00005 and they were both installed on 1/1/1967, and the other two are 137.8 MM Btu/hr Babcock & Wilcox (each) and they were both installed on 5/1/2005 (Emission Source 00008 and Emission Source S0009). This application is submitted to renew the Title V permit. On 6/14/2012, a minor second permit modification to Ren #1 was issued for the four large size boilers to upgrade their burners and to switch from #6 fuel oil to #2 fuel oil firing and thus demonstrate compliance with the new 6 NYCRR 227-2 NO_x RACT (Oxides of Nitrogen Reasonably Available Control Technology) effective July 1, 2014 to also include Flue Gas Recirculation (FGR) system.



The facility includes the following emission sources:

- (i) Two 137.8 MM Btu/hr each new Babcock & Wilcox/FM-2566 boilers, operating on both natural gas & # 6 fuel oil - Emission Sources 00008 & S0009, and
- (ii) Two 150 MM Btu/hr each Combustion Engineering/VP-12W boilers, operating on both natural gas & # 6 fuel oil - Emission Sources 00004 & 00005. These two boilers will operate at 70 % reduced operations.

The NO_x RACT limit for large boilers (a boiler with a maximum heat input capacity greater than 100 million Btu per hour and equal to or less than 250 million Btu per hour) operating on gas/oil is 0.30 lb/MM Btus prior to July 1, 2014, and 0.15 lb/MM Btus on or after July 1, 2014.

In addition to the four boilers mentioned above, the facility also operates eight (8) emergency generators, one water cooling tower, thirteen (13) fuel oil storage tanks and several fume hoods. Also, the Ethylene Oxide sterilizers and associated abato (Emission Unit U-00002) were removed on April 30, 2011.

In addition, the four (4) boilers will be operated such that the facility-wide NO_x emissions will continue to remain under the 173.37 tpy cap, and the facility-wide SO₂ emissions will continue to remain under the 140.66 tpy cap.

The facility operates other sources which are considered exempt from permitting in accordance with 6 NYCRR 201-3.2 (c), including eight (8) emergency diesel generators (<500 hours per year each), thirteen (13) fuel oil storage tanks (<300,000 barrels), one water cooling tower and several laboratory fume hoods.

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

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

Authorized Signature: _____ Date: ____ / ____ / ____

DEC Permit Conditions
Renewal 2/FINAL





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

Item 3.2:

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

Item 3.3:

Permits are transferrable with the approval of the department unless specifically prohibited by



the statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual transfer of ownership.

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

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ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

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Facility: NEW YORK PRESBYTERIAN HOSPITAL
622 W 168TH ST
NEW YORK, NY 10032-3702

Authorized Activity By Standard Industrial Classification Code:
8062 - GENERAL MEDICAL & SURGICAL HOSPITALS
9999 - NONCLASSIFIABLE ESTABLISHMENTS

Permit Effective Date: 11/05/2013

Permit Expiration Date: 11/04/2018



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 201-3.3 (a): Trivial Sources - Proof of Eligibility
- 15 6 NYCRR 201-6.4 (a) (4): Requirement to Provide Information
- 16 6 NYCRR 201-6.4 (a) (8): Right to Inspect
- 17 6 NYCRR 201-6.4 (f) (6): Off Permit Changes
- 18 6 NYCRR 202-1.1: Required Emissions Tests
- 19 6 NYCRR 202-1.1: Required Emissions Tests
- 20 40 CFR Part 68: Accidental release provisions.
- 21 40 CFR 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 201-7.1: Facility Permissible Emissions
- *25 6 NYCRR 201-7.1: Capping Monitoring Condition
- *26 6 NYCRR 201-7.1: Capping Monitoring Condition
- 27 6 NYCRR 211.1: Air pollution prohibited
- 28 6 NYCRR 225-1.2 (b): Compliance Certification
- 29 6 NYCRR 225-1.2 (f): Compliance Certification
- 30 6 NYCRR 225-1.2 (g): Compliance Certification
- 31 6 NYCRR 225-1.2 (h): Compliance Certification
- 32 6 NYCRR 225.1 (a) (3): Compliance Certification
- 33 6 NYCRR 227-1.3 (a): Compliance Certification
- 34 40 CFR 60.13(c), NSPS Subpart A: Compliance Certification
- 35 40 CFR 60.15, NSPS Subpart A: Reconstruction
- 36 40 CFR 60, NSPS Subpart IIII: Applicability
- 37 40 CFR 63, Subpart ZZZZ: Applicability
- 38 40 CFR 63.6585, Subpart ZZZZ: Compliance Certification
- 39 40 CFR 63.6603(a), Subpart ZZZZ: Compliance Certification
- 40 40 CFR 63.6625(e), Subpart ZZZZ: Compliance Certification
- 41 40 CFR 63.6640(f), Subpart ZZZZ: Compliance Certification
- 42 40 CFR 63.6640(f), Subpart ZZZZ: Compliance Certification
- 43 40 CFR 63.6640(f), Subpart ZZZZ: Compliance Certification

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- 44 40CFR 63.6665, Subpart ZZZZ: Compliance Certification
- 45 40CFR 80.510(b), Subpart I: Compliance Certification
- Emission Unit Level**
- 46 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
- 47 6 NYCRR Subpart 201-6: Process Definition By Emission Unit
- 48 6 NYCRR 201-7.1: Emission Unit Permissible Emissions
- 49 6 NYCRR 201-7.1: Process Permissible Emissions

EU=U-00001,EP=00001

- 50 6 NYCRR 227-2.6 (b): Compliance Certification
- 51 40CFR 60.8(e), NSPS Subpart A: Performance testing facilities.

EU=U-00001,EP=00001,Proc=001

- 52 40CFR 60.7(c), NSPS Subpart A: Compliance Certification

EU=U-00001,EP=00001,Proc=001,ES=00004

- 53 6 NYCRR 227-2.4 (b) (1) (i): Compliance Certification
- 54 6 NYCRR 227-2.4 (b) (1) (ii): Compliance Certification

EU=U-00001,EP=00001,Proc=001,ES=00004

- 55 6 NYCRR 227-2.6 (c): Compliance Certification

EU=U-00001,EP=00001,Proc=001,ES=00005

- 56 6 NYCRR 227-2.4 (b) (1) (i): Compliance Certification
- 57 6 NYCRR 227-2.4 (b) (1) (ii): Compliance Certification
- 58 6 NYCRR 227-2.6 (c): Compliance Certification

EU=U-00001,EP=00001,Proc=001,ES=00008

- 59 6 NYCRR 227-2.4 (b) (1) (i): Compliance Certification
- 60 6 NYCRR 227-2.4 (b) (1) (ii): Compliance Certification
- 61 6 NYCRR 227-2.6 (c): Compliance Certification
- 62 40CFR 60, NSPS Subpart A: Applicability of General Provisions of 40 CFR 60 Subpart A
- 63 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
- 64 40CFR 60.7(a), NSPS Subpart A: Date of construction notification - If a COM is not used.
- 65 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 66 40CFR 60.7(d), NSPS Subpart A: Excess Emissions Report
- 67 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
- 68 40CFR 60.8(a), NSPS Subpart A: Performance testing timeline.
- 69 40CFR 60.8(b), NSPS Subpart A: Performance Test Methods - Waiver EU Level
- 70 40CFR 60.8(c), NSPS Subpart A: Required performance test information.
- 71 40CFR 60.8(d), NSPS Subpart A: Prior notice.
- 72 40CFR 60.8(f), NSPS Subpart A: Number of required tests.
- 73 40CFR 60.9, NSPS Subpart A: Availability of information.
- 74 40CFR 60.11, NSPS Subpart A: Opacity standard compliance testing.
- 75 40CFR 60.12, NSPS Subpart A: Circumvention.
- 76 40CFR 60.13, NSPS Subpart A: Monitoring requirements.
- 77 40CFR 60.14, NSPS Subpart A: Modifications.
- 78 40CFR 60.44b(a)(1), NSPS Subpart Db: Compliance Certification

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- 79 40CFR 60.44b(h), NSPS Subpart Db: Applicability of oxides of nitrogen standard.
- 80 40CFR 60.44b(i), NSPS Subpart Db: Averaging period.
- 81 40CFR 60.44b(j), NSPS Subpart Db: Compliance Certification
- 82 40CFR 60.44b(k), NSPS Subpart Db: Compliance Certification
- 83 40CFR 60.46b, NSPS Subpart Db: Compliance and performance methods for oxides of nitrogen and particulate matter.
- 84 40CFR 60.46b(e), NSPS Subpart Db: Compliance Certification
- 85 40CFR 60.48b(a), NSPS Subpart Db: Compliance Certification
- 86 40CFR 60.48b(b), NSPS Subpart Db: Compliance Certification
- 87 40CFR 60.48b(f), NSPS Subpart Db: Use of alternative methods for measuring NOx during CEMS downtime
- 88 40CFR 60.49b(a), NSPS Subpart Db: Compliance Certification
- 89 40CFR 60.49b(b), NSPS Subpart Db: Compliance Certification
- 90 40CFR 60.49b(b), NSPS Subpart Db: Compliance Certification
- 91 40CFR 60.49b(g), NSPS Subpart Db: Compliance Certification
- 92 40CFR 60.49b(h), NSPS Subpart Db: Compliance Certification
- 93 40CFR 60.49b(i), NSPS Subpart Db: Compliance Certification
- 94 40CFR 60.49b(o), NSPS Subpart Db: Records Retention

EU=U-00001,EP=00001,Proc=001,ES=S0009

- 95 6 NYCRR 227-2.4 (b) (1) (i): Compliance Certification
- 96 6 NYCRR 227-2.4 (b) (1) (ii): Compliance Certification
- 97 6 NYCRR 227-2.6 (c): Compliance Certification
- 98 40CFR 60, NSPS Subpart A: Applicability of General Provisions of 40 CFR 60 Subpart A
- 99 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
- 100 40CFR 60.7(a), NSPS Subpart A: Date of construction notification - If a COM is not used.
- 101 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 102 40CFR 60.7(d), NSPS Subpart A: Excess Emissions Report
- 103 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
- 104 40CFR 60.8(a), NSPS Subpart A: Performance testing timeline.
- 105 40CFR 60.8(b), NSPS Subpart A: Performance Test Methods - Waiver EU Level
- 106 40CFR 60.8(c), NSPS Subpart A: Required performance test information.
- 107 40CFR 60.8(d), NSPS Subpart A: Prior notice.
- 108 40CFR 60.8(f), NSPS Subpart A: Number of required tests.
- 109 40CFR 60.9, NSPS Subpart A: Availability of information.
- 110 40CFR 60.11, NSPS Subpart A: Opacity standard compliance testing.
- 111 40CFR 60.12, NSPS Subpart A: Circumvention.
- 112 40CFR 60.13, NSPS Subpart A: Monitoring requirements.
- 113 40CFR 60.14, NSPS Subpart A: Modifications.
- 114 40CFR 60.44b(a)(1), NSPS Subpart Db: Compliance Certification
- 115 40CFR 60.44b(h), NSPS Subpart Db: Applicability of oxides of nitrogen standard.
- 116 40CFR 60.44b(i), NSPS Subpart Db: Averaging period.
- 117 40CFR 60.44b(j), NSPS Subpart Db: Compliance Certification
- 118 40CFR 60.44b(k), NSPS Subpart Db: Compliance Certification
- 119 40CFR 60.46b, NSPS Subpart Db: Compliance and performance methods for oxides of nitrogen and particulate matter.
- 120 40CFR 60.46b(e), NSPS Subpart Db: Compliance Certification

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- 121 40CFR 60.48b(a), NSPS Subpart Db: Compliance Certification
- 122 40CFR 60.48b(b), NSPS Subpart Db: Compliance Certification
- 123 40CFR 60.48b(f), NSPS Subpart Db: Use of alternative methods for measuring NOx during CEMS downtime
- 124 40CFR 60.49b(a), NSPS Subpart Db: Compliance Certification
- 125 40CFR 60.49b(b), NSPS Subpart Db: Compliance Certification
- 126 40CFR 60.49b(b), NSPS Subpart Db: Compliance Certification
- 127 40CFR 60.49b(g), NSPS Subpart Db: Compliance Certification
- 128 40CFR 60.49b(h), NSPS Subpart Db: Compliance Certification
- 129 40CFR 60.49b(i), NSPS Subpart Db: Compliance Certification
- 130 40CFR 60.49b(o), NSPS Subpart Db: Records Retention

EU=U-00001,EP=00001,Proc=002

- 131 6 NYCRR 227.2 (b) (1): Compliance Certification
- 132 40CFR 60.7(c), NSPS Subpart A: Compliance Certification

EU=U-00001,EP=00001,Proc=002,ES=00004

- 133 6 NYCRR 227-2.4 (b) (1) (i): Compliance Certification
- 134 6 NYCRR 227-2.6 (c): Compliance Certification

EU=U-00001,EP=00001,Proc=002,ES=00005

- 135 6 NYCRR 227-2.4 (b) (1) (i): Compliance Certification
- 136 6 NYCRR 227-2.6 (c): Compliance Certification

EU=U-00001,EP=00001,Proc=002,ES=00008

- 137 6 NYCRR 227-2.4 (b) (1) (i): Compliance Certification
- 138 6 NYCRR 227-2.6 (c): Compliance Certification
- 139 40CFR 60, NSPS Subpart A: Applicability of General Provisions of 40 CFR 60 Subpart A
- 140 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
- 141 40CFR 60.7(a), NSPS Subpart A: Date of construction notification - If a COM is not used.
- 142 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 143 40CFR 60.7(d), NSPS Subpart A: Excess Emissions Report
- 144 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
- 145 40CFR 60.8(a), NSPS Subpart A: Performance testing timeline.
- 146 40CFR 60.8(b), NSPS Subpart A: Performance Test Methods - Waiver EU Level
- 147 40CFR 60.8(c), NSPS Subpart A: Required performance test information.
- 148 40CFR 60.8(d), NSPS Subpart A: Prior notice.
- 149 40CFR 60.8(f), NSPS Subpart A: Number of required tests.
- 150 40CFR 60.9, NSPS Subpart A: Availability of information.
- 151 40CFR 60.11, NSPS Subpart A: Opacity standard compliance testing.
- 152 40CFR 60.12, NSPS Subpart A: Circumvention.
- 153 40CFR 60.13, NSPS Subpart A: Monitoring requirements.
- 154 40CFR 60.14, NSPS Subpart A: Modifications.
- 155 40CFR 60.42b(a), NSPS Subpart Db: Sulfur dioxide standard.
- 156 40CFR 60.42b(c), NSPS Subpart Db: Sulfur dioxide standard.
- 157 40CFR 60.42b(j), NSPS Subpart Db: Demonstration criteria for low sulfur oil.
- 158 40CFR 60.42b(j)(2), NSPS Subpart Db: Compliance Certification
- 159 40CFR 60.43b(b), NSPS Subpart Db: Compliance Certification

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- 160 40CFR 60.43b(f), NSPS Subpart Db: Compliance Certification
- 161 40CFR 60.43b(g), NSPS Subpart Db: Particulate matter and opacity exemption.
- 162 40CFR 60.44b(a)(1), NSPS Subpart Db: Compliance Certification
- 163 40CFR 60.44b(a)(2), NSPS Subpart Db: Standard for oxides of nitrogen.
- 164 40CFR 60.44b(h), NSPS Subpart Db: Applicability of oxides of nitrogen standard.
- 165 40CFR 60.44b(i), NSPS Subpart Db: Averaging period.
- 166 40CFR 60.44b(j), NSPS Subpart Db: Compliance Certification
- 167 40CFR 60.44b(k), NSPS Subpart Db: Compliance Certification
- 168 40CFR 60.45b(j), NSPS Subpart Db: Compliance Certification
- 169 40CFR 60.46b, NSPS Subpart Db: Compliance and performance methods for oxides of nitrogen and particulate matter.
- 170 40CFR 60.46b(e), NSPS Subpart Db: Compliance Certification
- 171 40CFR 60.47b(f), NSPS Subpart Db: Alternative sulfur dioxide monitoring method.
- 172 40CFR 60.47b(f), NSPS Subpart Db: Compliance Certification
- 173 40CFR 60.48b(a), NSPS Subpart Db: Compliance Certification
- 174 40CFR 60.48b(b), NSPS Subpart Db: Compliance Certification
- 175 40CFR 60.48b(f), NSPS Subpart Db: Use of alternative methods for measuring NOx during CEMS downtime
- 176 40CFR 60.49b(a), NSPS Subpart Db: Compliance Certification
- 177 40CFR 60.49b(b), NSPS Subpart Db: Compliance Certification
- 178 40CFR 60.49b(b), NSPS Subpart Db: Compliance Certification
- 179 40CFR 60.49b(e), NSPS Subpart Db: Compliance Certification
- 180 40CFR 60.49b(f), NSPS Subpart Db: Compliance Certification
- 181 40CFR 60.49b(g), NSPS Subpart Db: Compliance Certification
- 182 40CFR 60.49b(h), NSPS Subpart Db: Compliance Certification
- 183 40CFR 60.49b(i), NSPS Subpart Db: Compliance Certification
- 184 40CFR 60.49b(j), NSPS Subpart Db: Compliance Certification
- 185 40CFR 60.49b(o), NSPS Subpart Db: Records Retention
- 186 40CFR 60.49b(r), NSPS Subpart Db: Compliance Certification

EU=U-00001,EP=00001,Proc=002,ES=S0009

- 187 6 NYCRR 227-2.4 (b) (1) (i): Compliance Certification
- 188 6 NYCRR 227-2.6 (c): Compliance Certification
- 189 40CFR 60, NSPS Subpart A: Applicability of General Provisions of 40 CFR 60 Subpart A
- 190 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
- 191 40CFR 60.7(a), NSPS Subpart A: Date of construction notification - If a COM is not used.
- 192 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 193 40CFR 60.7(d), NSPS Subpart A: Excess Emissions Report
- 194 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
- 195 40CFR 60.8(a), NSPS Subpart A: Performance testing timeline.
- 196 40CFR 60.8(b), NSPS Subpart A: Performance Test Methods - Waiver EU Level
- 197 40CFR 60.8(c), NSPS Subpart A: Required performance test information.
- 198 40CFR 60.8(d), NSPS Subpart A: Prior notice.
- 199 40CFR 60.8(f), NSPS Subpart A: Number of required tests.
- 200 40CFR 60.9, NSPS Subpart A: Availability of information.
- 201 40CFR 60.11, NSPS Subpart A: Opacity standard compliance testing.

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- 202 40CFR 60.12, NSPS Subpart A: Circumvention.
- 203 40CFR 60.13, NSPS Subpart A: Monitoring requirements.
- 204 40CFR 60.14, NSPS Subpart A: Modifications.
- 205 40CFR 60.42b(a), NSPS Subpart Db: Sulfur dioxide standard.
- 206 40CFR 60.42b(c), NSPS Subpart Db: Sulfur dioxide standard.
- 207 40CFR 60.42b(j), NSPS Subpart Db: Demonstration criteria for low sulfur oil.
- 208 40CFR 60.42b(j)(2), NSPS Subpart Db: Compliance Certification
- 209 40CFR 60.43b(b), NSPS Subpart Db: Compliance Certification
- 210 40CFR 60.43b(f), NSPS Subpart Db: Compliance Certification
- 211 40CFR 60.43b(g), NSPS Subpart Db: Particulate matter and opacity exemption.
- 212 40CFR 60.44b(a)(1), NSPS Subpart Db: Compliance Certification
- 213 40CFR 60.44b(a)(2), NSPS Subpart Db: Standard for oxides of nitrogen.
- 214 40CFR 60.44b(h), NSPS Subpart Db: Applicability of oxides of nitrogen standard.
- 215 40CFR 60.44b(i), NSPS Subpart Db: Averaging period.
- 216 40CFR 60.44b(j), NSPS Subpart Db: Compliance Certification
- 217 40CFR 60.44b(k), NSPS Subpart Db: Compliance Certification
- 218 40CFR 60.45b(j), NSPS Subpart Db: Compliance Certification
- 219 40CFR 60.46b, NSPS Subpart Db: Compliance and performance methods for oxides of nitrogen and particulate matter.
- 220 40CFR 60.46b(e), NSPS Subpart Db: Compliance Certification
- 221 40CFR 60.47b(f), NSPS Subpart Db: Alternative sulfur dioxide monitoring method.
- 222 40CFR 60.47b(f), NSPS Subpart Db: Compliance Certification
- 223 40CFR 60.48b(a), NSPS Subpart Db: Compliance Certification
- 224 40CFR 60.48b(b), NSPS Subpart Db: Compliance Certification
- 225 40CFR 60.48b(f), NSPS Subpart Db: Use of alternative methods for measuring NOx during CEMS downtime
- 226 40CFR 60.49b(a), NSPS Subpart Db: Compliance Certification
- 227 40CFR 60.49b(b), NSPS Subpart Db: Compliance Certification
- 228 40CFR 60.49b(b), NSPS Subpart Db: Compliance Certification
- 229 40CFR 60.49b(e), NSPS Subpart Db: Compliance Certification
- 230 40CFR 60.49b(f), NSPS Subpart Db: Compliance Certification
- 231 40CFR 60.49b(g), NSPS Subpart Db: Compliance Certification
- 232 40CFR 60.49b(h), NSPS Subpart Db: Compliance Certification
- 233 40CFR 60.49b(i), NSPS Subpart Db: Compliance Certification
- 234 40CFR 60.49b(j), NSPS Subpart Db: Compliance Certification
- 235 40CFR 60.49b(o), NSPS Subpart Db: Records Retention
- 236 40CFR 60.49b(r), NSPS Subpart Db: Compliance Certification

EU=U-00001,EP=00001,Proc=003,ES=00004

- 237 6 NYCRR 227-2.4 (b) (1) (ii): Compliance Certification

EU=U-00001,EP=00001,Proc=003,ES=00005

- 238 6 NYCRR 227-2.4 (b) (1) (ii): Compliance Certification

EU=U-00001,EP=00001,Proc=003,ES=00008

- 239 6 NYCRR 227-2.4 (b) (1) (ii): Compliance Certification

EU=U-00001,EP=00001,Proc=003,ES=S0009

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240 6 NYCRR 227-2.4 (b) (1) (ii): Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

241 ECL 19-0301: Contaminant List

242 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities

243 6 NYCRR 211.2: Visible Emissions Limited

NOTE: * preceding the condition number indicates capping.



FEDERALLY ENFORCEABLE CONDITIONS

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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

Item A: Emergency Defense - 6 NYCRR 201-1.5

An emergency, 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: 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.

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Item C: 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 D: 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 E: 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 F: 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 G: 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 H: 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 I: 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 J: 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 K: 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

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

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

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

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

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

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

Item L: Permit Exclusion - ECL 19-0305

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

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

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

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

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

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

**Condition 1: Acceptable Ambient Air Quality
Effective between the dates of 11/05/2013 and 11/04/2018**

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 11/05/2013 and 11/04/2018**

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 11/05/2013 and 11/04/2018**

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

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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 11/05/2013 and 11/04/2018**

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 11/05/2013 and 11/04/2018**

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

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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 shall be submitted to the Administrator (or his or her representative) as well as two copies to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office). Mailing addresses for the above referenced persons are contained in the monitoring condition for 6 NYCRR Part 201-6.4(e), contained elsewhere in this permit.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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The initial report is due 1/30/2014.
Subsequent reports are due every 6 calendar month(s).

Condition 6: Compliance Certification
Effective between the dates of 11/05/2013 and 11/04/2018

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

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Department.

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

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

The address for the RAPCE is as follows:

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

The address for the BQA is as follows:

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

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2014.
Subsequent reports are due on the same day each year

Condition 7: Compliance Certification
Effective between the dates of 11/05/2013 and 11/04/2018

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

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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 11/05/2013 and 11/04/2018

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 11/05/2013 and 11/04/2018

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

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untreated wood or other agricultural products are used as fuel and the fire is not left unattended until extinguished.

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

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

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

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

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

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

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

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

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

Condition 10: Maintenance of Equipment
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement:6 NYCRR 200.7

Item 10.1:

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

Condition 11: Recycling and Salvage
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement:6 NYCRR 201-1.7

Item 11.1:

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Where practical, the owner or operator of an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of the ECL.

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

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement:6 NYCRR 201-1.8

Item 12.1:

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

Condition 13: Exempt Sources - Proof of Eligibility

Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 13.1:

The owner or operator of an emission source or activity that is listed as being exempt may be required to certify that it is operated within the specific criteria described in this Subpart. The owner or operator of any such emission source or activity must maintain all records necessary for demonstrating compliance with this Subpart on-site for a period of five years, and make them available to representatives of the department upon request.

Condition 14: Trivial Sources - Proof of Eligibility

Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 14.1:

The owner or operator of an emission source or activity that is listed as being trivial in this Section may be required to certify that it is operated within the specific criteria described in this Subpart. The owner or operator of any such emission source or activity must maintain all required records on-site for a period of five years and make them available to representatives of the department upon request.

Condition 15: Requirement to Provide Information

Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 15.1:

The owner and/or operator shall furnish to the department, within a reasonable time, any information that the department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the department copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the administrator along with a claim of confidentiality, if the administrator initiated the request for information or otherwise has need of it.

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Condition 16: Right to Inspect

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement:6 NYCRR 201-6.4 (a) (8)

Item 16.1:

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

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

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

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

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

Condition 17: Off Permit Changes

Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 17.1:

No permit revision will be required for operating changes that contravene an express permit term, provided that such changes would not violate applicable requirements as defined under this Part or contravene federally enforceable monitoring (including test methods), recordkeeping, reporting, or compliance certification permit terms and conditions. Such changes may be made without requiring a permit revision, if the changes are not modifications under any provision of title I of the act and the changes do not exceed the emissions allowable under the permit (whether expressed therein as a rate of emissions or in terms of total emissions) provided that the facility provides the administrator and the department with written notification as required below in advance of the proposed changes within a minimum of seven days. The facility owner or operator, and the department shall attach each such notice to their copy of the relevant permit.

(i) For each such change, the written notification required above shall include a brief description of the change within the permitted facility, the date on which the change will occur, any change in emissions, and any permit term or condition that is no longer applicable as a result of the change.

(ii) The permit shield described in section 6 NYCRR 201-6.4 shall not apply to any change made pursuant to this paragraph.

Condition 18: Required Emissions Tests

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Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 18.1:

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

Condition 19: Required Emissions Tests

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 6 NYCRR 202-1.1

Item 19.1:

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

Condition 20: Accidental release provisions.

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40 CFR Part 68

Item 20.1:

If a chemical is listed in Tables 1,2,3 or 4 of 40 CFR §68.130 is present in a process in quantities greater than the threshold quantity listed in Tables 1,2,3 or 4, the following requirements will apply:

- a) The owner or operator shall comply with the provisions of 40 CFR Part 68 and;
- b) The owner or operator shall submit at the time of permit issuance (if not previously submitted) one of the following, if such quantities are present:
 - 1) A compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR §68.10(a) or,
 - 2) A certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of the Risk Management Plan. Information should be submitted to:

Risk Management Plan Reporting Center
C/O CSC
8400 Corporate Dr
Carrollton, Md. 20785

Condition 21: Recycling and Emissions Reduction

Effective between the dates of 11/05/2013 and 11/04/2018

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Applicable Federal Requirement:40CFR 82, Subpart F

Item 21.1:

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

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

Condition 22: Emission Unit Definition

Effective between the dates of 11/05/2013 and 11/04/2018

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 four boilers, two boilers are 150 MM Btu/hr (each) Combustion Engineering/VP-12W (Emission Sources 00004 & 00005), and the other two boilers are 137.8 MM Btu/hr (each) Babcock & Wilcox/FM-2566 (Emission Sources 00008 & S0009). All four boilers operate on natural gas (Process 001) and #6 fuel oil (Process 002). The #6 fuel oil will be fired until the fuel switching from #6 fuel oil to #2 fuel oil (Process 003) is completed, latest by July 1, 2014. Use of #6 fuel oil will terminate on or before July 1, 2014 on all four boilers.

The exhaust gases are discharged to the atmosphere via a common stack connected to the existing boilers, identified as Emission Point 00001.

The NO_x RACT limit for large boilers (a boiler with a maximum heat input capacity greater than 100 million Btu per hour and equal to or less than 250 million Btu per hour) operating on gas/oil is 0.30 lb/MM Btus prior to July 1, 2014, and 0.15 lb/MM Btus on or after July 1, 2014.

Building(s): HOSPITAL

Condition 23: Progress Reports Due Semiannually

Effective between the dates of 11/05/2013 and 11/04/2018

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

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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: Facility Permissible Emissions
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 24.1:

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

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

CAS No: 007446-09-5
Name: SULFUR DIOXIDE

PTE: 1,619,653 pounds per year

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

PTE: 1,860,769 pounds per year

Condition 25: Capping Monitoring Condition
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 25.1:

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

6 NYCRR Subpart 231-2

Item 25.2:

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

Item 25.3:

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

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Item 25.4:

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

Item 25.5:

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

Item 25.6:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

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

Item 25.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The four (4) boilers will be operated such that the facility-wide NO_x emissions will continue to remain under the 173.37 tpy cap, and the facility-wide SO₂ emissions will continue to remain under the 140.66 tpy cap.

The following formula will be used to calculate the facility's monthly NO_x emissions, and to demonstrate compliance with this 173.37 tpy NO_x cap on a rolling 12-month basis where the sum of all monthly NO_x emissions for each emission source will be determined from the following equation:

$$X = [(A \times B)/2000] + [(C \times D)/2000] + [(E \times F)/2000] < 173.37 \text{ tons of NO}_x$$

X = Monthly NO_x emissions for each emission source (tons);

A = the monthly consumption of #6 fuel oil (1,000 gallons) for each emission source;

B = the emission factor in lbs NO_x / 1,000 gallons of #6 fuel oil burned for each emission source;

C = the monthly consumption of natural gas (million cu ft) for each emission source;

D = the emission factor in lbs NO_x/MM cu ft of natural gas burned for each emission source;

E = the monthly consumption of #2 fuel oil (1,000

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gallons) for each emission source; and
F = the emission factor in lbs NO_x / 1,000 gallons of #2
fuel oil burned for each emission source.

Since the NO_x emissions is a surrogate of the fuel consumption, the facility is to monitor the natural gas, #2 fuel oil and #6 fuel oil consumption and keep records of the natural gas, the #2 fuel oil and #6 fuel oil consumption on a daily basis and report it quarterly. Fuel consumption records will be maintained at the facility on a daily, monthly, and every twelve consecutive months basis to prove compliance. The annual emission statement documenting the fuel consumption will be submitted to NYSDEC every April 15 of each year.

A rolling 12-month tally will be maintained to ensure compliance with the facility-wide NO_x emissions will continue to remain under the 173.37 tpy cap.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: FUEL

Manufacturer Name/Model Number: BABCOCK & WILCOX/FM-2566

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 173.37 tons per year

Monitoring Frequency: DAILY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

Subsequent reports are due every 3 calendar month(s).

Condition 26: Capping Monitoring Condition
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 6 NYCRR 201-7.1

Item 26.1:

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

40 CFR 52.21 (j)

Item 26.2:

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

Item 26.3:

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart,

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during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 26.4:

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

Item 26.5:

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

Item 26.6:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 26.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

To remain below 40 CFR 52-A.21, Prevention of Significant Deterioration (PSD) thresholds for Sulfur Dioxide, #6 fuel oil consumption and #2 fuel oil consumption will be limited so that the facility-wide SO₂ emissions for all emission sources will be limited to 140.66 tons for any twelve consecutive months rolled SO₂ emissions. The facility will use #6 fuel oil, #2 fuel oil and natural gas in a combination such that the SO₂ emissions remain below 140.66 tpy.

The four (4) boilers will be operated such that the facility-wide NO_x emissions will continue to remain under the 173.37 tpy cap, and the facility-wide SO₂ emissions will continue to remain under the 140.66 tpy cap.

The facility will demonstrate compliance with the SO₂ emission standards and the 140.66 tpy SO₂ facility-wide cap by the use of the fuel supplier certification for the sulfur content in the #6 fuel oil and the #2 fuel oil instead of the use of Continuous Emission Monitoring System (CEMS). The certification from the fuel supplier must include the name of the oil supplier, and a statement from the oil supplier that the oil complied with the



specifications under the definition of residual oil in New York City. In addition, the certification from the fuel supplier must be submitted with the quarterly, semi-annual and annual compliance report to provide the sulfur content of the #6 fuel oil and the #2 fuel oil because the SO₂ emissions are based on the sulfur content of the #6 fuel oil and the #2 fuel oil.

Pipeline natural gas contains 0.5 grains or less of total sulfur per 100 standard cubic feet, and one grain is about 17 ppm. Published emission factors for SO₂ from AP-42 indicate that the emission rate of SO₂ in natural gas is 0.6 lbs SO₂/MM cu. ft. of natural gas, that in #2 fuel oil is 31.4 lbs SO₂/1,000 gallons and that in #6 fuel oil is 47.1 lbs SO₂/1000 gal of # 6 fuel oil.

The SO₂ emission factor for the #2 fuel oil is 31.4 SO₂ lbs/1000 gallons for each boiler. This is based on 157 x S, where S = 157 (0.2 S wt. % max).

The SO₂ emission factor for the #6 fuel oil is 47.1 SO₂ lbs/1000 gallons for each boiler. This is based on 157 x S, where S = 157 (0.3 S wt. % max).

The heating value of # 6 fuel oil is 148,000 Btu/gallon, that of #2 fuel oil is 140,000 Btu/gallon and the heat value of natural gas is 1,025 Btu/cu ft. The sulfur content limit in #6 fuel oil is 0.30 % by weight, that of #2 fuel oil is 0.20% by weight. The emission rate of sulfur dioxide (SO₂) in #6 fuel oil is 47.1 lbs/1,000 gallons, the emission rate of sulfur dioxide (SO₂) in #2 fuel oil is 31.4 and the emission rate of sulfur dioxide (SO₂) in natural gas is 0.6 lbs/MM cu.ft.

Since the SO₂ emissions is a surrogate of the fuel consumption, the facility is to monitor the natural gas, #2 fuel oil and #6 fuel oil consumption and keep records of the natural gas, the #2 fuel oil and #6 fuel oil consumption on a daily basis and report it quarterly. Fuel consumption records will be maintained at the facility on a daily, monthly, and every twelve consecutive months basis to prove compliance. The annual emission statement documenting the fuel consumption will be submitted to NYSDEC every April 15 of each year.

The following formula will be used to calculate the facility's monthly SO₂ emissions, and to demonstrate compliance with this 140.66 tpy SO₂ cap on a rolling 12-month basis where the sum of all monthly SO₂ emissions for each emission source will be determined from the following equation:

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$$Y = [(A \times B)/2000] + [(C \times D)/2000] + [(E \times F)/2000] < 140.66 \text{ tpy of SO}_2$$

Y = Monthly SO₂ emissions for each emission source (tons);

A = the monthly consumption of #6 fuel oil (1,000 gallons) for each emission source;

B = 157 x S lbs SO₂ / 1,000 gallons of #6 fuel oil burned (based on EPA's AP-42 emission factor where S is the sulfur content of the fuel oil in percent) for each emission factor;

C = the monthly consumption of natural gas (million cubic feet) for each emission source;

D = 0.6 lbs SO₂ / million cubic feet of natural gas burned (based on EPA's AP-42 emission factors) for each emission source;

E = the monthly consumption of #2 fuel oil (1,000 gallons) for each emission source; and

F = 157 x S lbs SO₂ / 1,000 gallons of #2 fuel oil burned (based on EPA's AP-42 emission factor where S is the sulfur content of the fuel oil in percent) for each emission source.

A rolling 12-month tally will be maintained to ensure compliance with the facility-wide SO₂ emissions will continue to remain under the 140.66 tpy cap.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: FUEL

Manufacturer Name/Model Number: BABCOCK & WILCOX/FM-2566

Parameter Monitored: SULFUR DIOXIDE

Upper Permit Limit: 140.66 tons per year

Monitoring Frequency: DAILY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

Subsequent reports are due every 3 calendar month(s).

Condition 27: Air pollution prohibited

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement:6 NYCRR 211.1

Item 27.1:

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

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Condition 28: Compliance Certification
Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 28.1:

The Compliance Certification activity will be performed for the Facility.

Item 28.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

Owners and/or operators of any stationary combustion installation that fires either solid fuels or oil are limited to the firing of solid fuels or oil with a sulfur content listed in paragraph 6 NYCRR 225-1.(2)(b) through June 30, 2014.

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

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NUMBER 6 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.30 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 29: Compliance Certification
Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 29.1:

The Compliance Certification activity will be performed for the Facility.

Item 29.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC

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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 30: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 30.1:

The Compliance Certification activity will be performed for the Facility.

Item 30.2:

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

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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 31: Compliance Certification
Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 31.1:

The Compliance Certification activity will be performed for the Facility.

Item 31.2:

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

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TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 32: Compliance Certification
Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 32.1:

The Compliance Certification activity will be performed for the Facility.

Item 32.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

No person shall sell, offer for sale, purchase or use any residual oil which has sulfur content greater than 0.30 percent by weight. A log of the sulfur content in oil per delivery must be maintained on site for a minimum of five years after the date of the last entry.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NUMBER 6 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.30 percent by weight

Reference Test Method: ASTM Method D4292

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

Condition 33: Compliance Certification
Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 33.1:

The Compliance Certification activity will be performed for the Facility.

Item 33.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No person shall operate a stationary combustion installation which exhibits greater than 20 percent

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opacity (six minute average), except for one-six-minute period per hour of not more than 27 percent opacity.

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

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

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

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

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: DAILY

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

Condition 34: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.13(c), NSPS Subpart A

Item 34.1:

The Compliance Certification activity will be performed for the Facility.

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Item 34.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If the owner or operator of an affected facility elects to submit continuous opacity monitoring system (COMS) data for compliance with the opacity standard as provided under §60.11(e)(5), he or she shall conduct a performance evaluation of the COMS as specified in Performance Specification 1, appendix B, of 40CFR 60 before the performance test required under §60.8 is conducted. Otherwise, the owner or operator of an affected facility shall conduct a performance evaluation of the COMS or continuous emission monitoring system (CEMS) during any performance test required under §60.8 or within 30 days thereafter in accordance with the applicable performance specification in appendix B of 40CFR 60. The owner or operator of an affected facility shall conduct COMS or CEMS performance evaluations at such other times as may be required by the Administrator under section 114 of the Act.

(1) The owner or operator of an affected facility using a COMS to determine opacity compliance during any performance test required under §60.8 and as described in §60.11(e)(5) shall furnish the Administrator two or, upon request, more copies of a written report of the results of the COMS performance evaluation described in 40CFR60.13(c) at least 10 days before the performance test required under §60.8 is conducted.

(2) Except as provided in paragraph 40CFR60.13(c)(1), the owner or operator of an affected facility shall furnish the Administrator within 60 days of completion two or, upon request, more copies of a written report of the results of the performance evaluation.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 35: Reconstruction

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement:40CFR 60.15, NSPS Subpart A

Item 35.1:

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

- 1) a notice of intent to reconstruct 60 days prior to the action;
- 2) name and address of the owner or operator;

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

Condition 36: Applicability
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement:40CFR 60, NSPS Subpart IIII

Item 36.1:

Facilities that have stationary compression ignition internal combustion engines must comply with applicable portions of 40 CFR 60 Subpart IIII.

Condition 37: Applicability
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement:40CFR 63, Subpart ZZZZ

Item 37.1:

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

Condition 38: Compliance Certification
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement:40CFR 63.6585, Subpart ZZZZ

Item 38.1:

The Compliance Certification activity will be performed for the Facility.

Item 38.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility operates stationary RICEs at an area source of HAP emissions, it is therefore applicable to the requirements of Subpart ZZZZ. Specifically, all an

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existing stationary RICEs with a site rating of greater than 500 brake HP located at the site.

The facility shall keep a list of all engines applicable to the regulation, locations of each engine and a list of the hours of operation; updated semi-annually.

The facility operates its generators/engines such that the total operating hours per engine will not exceed the maximum operating hours of 100 hrs/yr. By this capping (of 100 hrs/yr per engine), the engines will NOT be required to reduce the Carbon Monoxide emissions and the CO reduction systems are NOT required to be installed. Other Subpart ZZZZ related maintenance requirements will be performed (oil change, filters, tune-up, etc.)

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2014.

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

Condition 39: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 63.6603(a), Subpart ZZZZ

Item 39.1:

The Compliance Certification activity will be performed for the Facility.

Item 39.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an existing emergency and black start compression ignition stationary RICE located at an area source of HAP emissions must comply with the following maintenance procedures:

(1) Change oil and filter every 500 hours of operation or annually, whichever comes first;

(2) Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first, and replace as necessary;

(3) Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.

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Initial compliance will be demonstrated according to the provisions in 40 CFR 63.6630.

Continuous compliance will then be demonstrated according to 40 CFR 63.6640. The facility must keep records according to the provisions in 40 CFR 63.6655 and submit the notifications and reports listed in 40 CFR 63.6645 and 63.6650.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 40: Compliance Certification
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 63.6625(e), Subpart ZZZZ

Item 40.1:

The Compliance Certification activity will be performed for the Facility.

Item 40.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of any of the following stationary RICE must operate and maintain the stationary RICE and after-treatment control device (if any) according to the manufacturer's emission-related written instructions or develop a maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions:

- (1) An existing stationary RICE with a site rating of less than 100 brake horsepower located at a major source of HAP emissions;
- (2) An existing emergency or black start stationary RICE with a site rating of less than or equal to 500 brake horsepower located at a major source of HAP emissions;
- (3) An existing emergency or black start stationary RICE located at an area source of HAP emissions;
- (4) An existing non-emergency, non-black start stationary compression ignition RICE with a site rating less than or equal to 300 brake horsepower located at an area source of HAP emissions;

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(5) An existing non-emergency, non-black start 2 stroke lean burn stationary RICE located at an area source of HAP emissions;

(6) An existing non-emergency, non-black start stationary RICE located at an area source of HAP emissions which combusts landfill or digester gas equivalent to 10 percent or more of the gross heat input on an annual basis;

(7) An existing non-emergency, non-black start 4 stroke lean burn stationary RICE with a site rating less than or equal to 500 brake horsepower located at an area source of HAP emissions;

(8) An existing non-emergency, non-black start 4 stroke rich burn stationary RICE with a site rating less than or equal to 500 brake horsepower located at an area source of HAP emissions;

(9) An existing, non-emergency, non-black start 4 stroke lean burn stationary RICE with a site rating greater than 500 brake horsepower located at an area source of HAP emissions that is operated 24 hours or less per calendar year; and

(10) An existing, non-emergency, non-black start 4 stroke rich burn stationary RICE with a site rating greater than 500 brake horsepower located at an area source of HAP emissions that is operated 24 hours or less per calendar year.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 41: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 63.6640(f), Subpart ZZZZ

Item 41.1:

The Compliance Certification activity will be performed for the Facility.

Item 41.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an emergency stationary RICE must operate the emergency stationary RICE according to the requirements in 40 CFR 63.6640(f)(1) through (4). In order for the engine to be considered an emergency

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stationary RICE under subpart ZZZZ, any operation other than emergency operation, maintenance and testing, emergency demand response, and operation in non-emergency situations for 50 hours per year, as described in 40 CFR 63.6640(f)(1) through (4), is prohibited. If the owner or operator does not operate the engine according to the requirements in 40 CFR 63.6640(f)(1) through (4), the engine will not be considered an emergency engine under subpart ZZZZ and must meet all requirements for non-emergency engines.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

Condition 42: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 63.6640(f), Subpart ZZZZ

Item 42.1:

The Compliance Certification activity will be performed for the Facility.

Item 42.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an existing emergency stationary RICE with a site rating of less than or equal to 500 brake horsepower located at a major source of HAP emissions, a new or reconstructed emergency stationary RICE with a site rating of more than 500 brake horsepower located at a major source of HAP emissions that was installed on or after June 12, 2006, or an existing emergency stationary RICE located at an area source of HAP emissions must operate the emergency stationary RICE according to the requirements in paragraphs (i) through (iii) below. Any operation other than emergency operation, maintenance and testing, and operation in non-emergency situations for 50 hours per year, as described in paragraphs (i) through (iii) below, is prohibited. If you do not operate the engine according to the requirements in paragraphs (i) through (iii) below, the engine will not be considered an emergency engine under this subpart and will need to meet all requirements for non-emergency engines.

(i) There is no time limit on the use of emergency stationary RICE in emergency situations.



(ii) The facility may operate the emergency stationary RICE for the purpose of maintenance checks and readiness testing, provided that the tests are recommended by Federal, State or local government, the manufacturer, the vendor, or the insurance company associated with the engine. Maintenance checks and readiness testing of such units is limited to 100 hours per year. The owner or operator may petition the EPA Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the owner or operator maintains records indicating that Federal, State, or local standards require maintenance and testing of emergency RICE beyond 100 hours per year.

(iii) The facility may operate the emergency stationary RICE up to 50 hours per year in non-emergency situations, but those 50 hours are counted towards the 100 hours per year provided for maintenance and testing. The 50 hours per year for non-emergency situations cannot be used for peak shaving or to generate income for a facility to supply power to an electric grid or otherwise supply power as part of a financial arrangement with another entity; except that owners and operators may operate the emergency engine for a maximum of 15 hours per year as part of a demand response program if the regional transmission organization or equivalent balancing authority and transmission operator has determined there are emergency conditions that could lead to a potential electrical blackout, such as unusually low frequency, equipment overload, capacity or energy deficiency, or unacceptable voltage level. The engine may not be operated for more than 30 minutes prior to the time when the emergency condition is expected to occur, and the engine operation must be terminated immediately after the facility is notified that the emergency condition is no longer imminent. The 15 hours per year of demand response operation are counted as part of the 50 hours of operation per year provided for non-emergency situations. The supply of emergency power to another entity or entities pursuant to financial arrangement is not limited by this paragraph, as long as the power provided by the financial arrangement is limited to emergency power.

The facility will operate the generators/engines such that the total operating hours per engine will not exceed the maximum operating hours of 100 hrs/yr. By this capping (of 100 hrs/yr per engine), the engines will NOT be required to reduce Carbon Monoxide emissions and CO reduction systems are NOT required to be installed. Other Subpart ZZZZ related maintenance requirements will be

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performed (oil change, filters, tune-up, etc.)

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

Condition 43: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 63.6640(f), Subpart ZZZZ

Item 43.1:

The Compliance Certification activity will be performed for the Facility.

Item 43.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an emergency stationary RICE with a site rating of more than 500 brake horsepower located at a major source of HAP emissions that was installed prior to June 12, 2006 must operate the engine according to the conditions described in paragraphs (i) through (iii) below. If he/she does not operate the engine according to the requirements in paragraphs (i) through (iii) below, the engine will not be considered an emergency engine under subpart ZZZZ and will need to meet all requirements for non-emergency engines.

(i) There is no time limit on the use of emergency stationary RICE in emergency situations.

(ii) The facility may operate the emergency stationary RICE for the purpose of maintenance checks and readiness testing, provided that the tests are recommended by the manufacturer, the vendor, or the insurance company associated with the engine. Required testing of such units should be minimized, but there is no time limit on the use of emergency stationary RICE in emergency situations and for routine testing and maintenance.

(iii) The facility may operate the emergency stationary RICE for an additional 50 hours per year in non-emergency situations. The 50 hours per year for non-emergency situations cannot be used for peak shaving or to generate income for a facility to supply power to an electric grid or otherwise supply power as part of a financial arrangement with another entity.

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The facility will operate these generators/engines such that the total operating hours per engine will not exceed the maximum operating hours of 100 hrs/yr. By this capping (of 100 hrs/yr per engine), the engines will NOT be required to reduce Carbon Monoxide emissions and CO reduction systems are NOT required to be installed. Other Subpart ZZZZ related maintenance requirements will be performed (oil change, filters, tune-up, etc.)

The generators/engines at the facility fall under the definition of 6 NYCRR 201-6.5(c) - emergency defence provision and emergency generators as defined under 40 CFR 63.6640(f)(2)(iii). Therefore, the 100 hours exception for Subpart ZZZZ that does not require CO reduction, the 50 hours of the 100 hours may be used in exchange for monetary benefit. The balance of the 100 hours may be used for testing and inspection purposes.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

Condition 44: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 63.6665, Subpart ZZZZ

Item 44.1:

The Compliance Certification activity will be performed for the Facility.

Item 44.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Table 8 of 40 CFR 63 Subpart ZZZZ shows which parts of the General Provisions 40 CFR 63.1 through 40 CFR 63.15 apply to this facility. Facility is responsible for ensuring they comply with all General Provisions contained in Table 8.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

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Condition 45: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40 CFR 80.510(b), Subpart I

Item 45.1:

The Compliance Certification activity will be performed for the Facility.

Item 45.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Beginning June 1, 2010: Except as otherwise specifically provided in 40 CFR 80 Subpart I, all nonroad and locomotive marine diesel fuel is subject to the following per-gallon standards for sulfur content:

15 ppm maximum for NR diesel fuel.

Parameter Monitored: SULFUR

Upper Permit Limit: 15 parts per million by weight

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL
CHANGE

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

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

Condition 46: Emission Point Definition By Emission Unit

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 6 NYCRR Subpart 201-6

Item 46.1:

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

Emission Unit: U-00001

Emission Point: 00001

Height (ft.): 464

Diameter (in.): 148

NYTMN (km.): 4521.5

NYTME (km.): 589.4

Building: HOSPITAL

Condition 47: Process Definition By Emission Unit

Effective between the dates of 11/05/2013 and 11/04/2018

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Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 47.1:

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

Emission Unit: U-00001

Process: 001

Source Classification Code: 1-02-006-01

Process Description:

Process 001 is the firing of natural gas in Boilers 004, 005, 008 & 009 (Emission Sources 00004, 00005, 00008 & S0009) in Emission Unit U-00001. The four boilers burn natural gas (Process 001), #6 fuel oil (Process 002) until June 30th, 2014 and #2 fuel oil (Process 003) on and after July 1st, 2014 to generate steam for heating the hospital buildings. The exhaust gases are discharged to the atmosphere via a common stack connected to the existing boilers, identified as Emission Point 00001.

To remain below Prevention of Significant Deterioration (PSD - 40 CFR 52-A.21) thresholds, the #6 fuel oil consumption will be limited so that the facility will follow a single NOx and SO2 capping of 173.3 tons and 140.3 tons per year; respectively.

The NOx RACT limit for large boilers (a boiler with a maximum heat input capacity greater than 100 million Btu per hour and equal to or less than 250 million Btu per hour) operating on gas/oil is 0.30 lb/MM Btus prior to July 1, 2014, and 0.15 lb/MM Btus on or after July 1, 2014.

Emission Source/Control: 00004 - Combustion
Design Capacity: 150 million Btu per hour

Emission Source/Control: 00005 - Combustion
Design Capacity: 150 million Btu per hour

Emission Source/Control: 00008 - Combustion
Design Capacity: 137.8 million Btu per hour

Emission Source/Control: S0009 - Combustion
Design Capacity: 137.8 million British thermal units

Item 47.2:

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

Emission Unit: U-00001

Process: 002

Source Classification Code: 1-02-004-01

Process Description:

Process 002 is the firing of # 6 fuel oil in Boilers 004, 005, 008 & 009 (Emission Sources 00004, 00005, 00008 &

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S0009) in Emission Unit U-00001. The four boilers burn natural gas (Process 001), #6 fuel oil (Process 002) until June 30th, 2014 and #2 fuel oil (Process 003) on and after July 1st, 2014 to generate steam for heating the hospital buildings. The exhaust gases are discharged to the atmosphere via a common stack connected to the existing boilers, identified as Emission Point 00001.

To remain below Prevention of Significant Deterioration (PSD - 40 CFR 52-A.21) thresholds, the #6 fuel oil consumption will be limited so that the facility will follow a single NOx and SO2 capping of 173.3 tons and 140.3 tons per year; respectively.

The NOx RACT limit for large boilers (a boiler with a maximum heat input capacity greater than 100 million Btu per hour and equal to or less than 250 million Btu per hour) operating on gas/oil is 0.30 lb/MM Btus prior to July 1, 2014, and 0.15 lb/MM Btus on or after July 1, 2014.

This process will terminate on or before July 1, 2014.

Emission Source/Control: 00004 - Combustion
Design Capacity: 150 million Btu per hour

Emission Source/Control: 00005 - Combustion
Design Capacity: 150 million Btu per hour

Emission Source/Control: 00008 - Combustion
Design Capacity: 137.8 million Btu per hour

Emission Source/Control: S0009 - Combustion
Design Capacity: 137.8 million British thermal units

Item 47.3:

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

Emission Unit: U-00001

Process: 003

Source Classification Code: 1-02-004-01

Process Description:

Process 003 is when one or more of the four boilers fire #2 fuel oil on and after July 1st, 2014 to generate steam for heating the hospital buildings. The exhaust gases are discharged to the atmosphere via a common stack connected to the existing boilers, identified as Emission Point 00001.

To remain below Prevention of Significant Deterioration (PSD - 40 CFR 52-A.21) thresholds, the #6 fuel oil consumption will be limited so that the facility will follow a single NOx and SO2 capping of 173.3 tons and

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140.3 tons per year; respectively.

The NO_x RACT limit for large boilers (a boiler with a maximum heat input capacity greater than 100 million Btu per hour and equal to or less than 250 million Btu per hour) operating on gas/oil is 0.30 lb/MM Btus prior to July 1, 2014, and 0.15 lb/MM Btus on or after July 1, 2014.

This process will begin prior to July 1, 2014 or sooner when #6 fuel oil usage will terminate.

Emission Source/Control: 00004 - Combustion
Design Capacity: 150 million Btu per hour

Emission Source/Control: 00005 - Combustion
Design Capacity: 150 million Btu per hour

Emission Source/Control: 00008 - Combustion
Design Capacity: 137.8 million Btu per hour

Emission Source/Control: S0009 - Combustion
Design Capacity: 137.8 million British thermal units

Condition 48: Emission Unit Permissible Emissions
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 48.1:

The sum of emissions from all regulated processes specified in this permit for the emission unit cited

shall not exceed the following Potential to Emit (PTE) rates for each regulated contaminant:

Emission Unit: U-00001

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

PTE(s): 183.18 pounds per hour

1,607,608 pounds per year

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

PTE(s): 142.64 pounds per hour

1,669,969 pounds per year

Condition 49: Process Permissible Emissions
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 49.1:

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

Emission Unit:	U-00001	Process:	001
	CAS No: 007446-09-5		
	Name: SULFUR DIOXIDE		
	PTE(s): 0.34 pounds per hour		2,952 pounds per year
Emission Unit:	U-00001	Process:	002
	CAS No: 007446-09-5		
	Name: SULFUR DIOXIDE		
	PTE(s): 183.18 pounds per hour		1,604,657 pounds per year
Emission Unit:	U-00001	Process:	003
	CAS No: 007446-09-5		
	Name: SULFUR DIOXIDE		
	PTE(s): 129.1 pounds per hour		1,130,906 pounds per year
Emission Unit:	U-00001	Process:	001
	CAS No: 0NY210-00-0		
	Name: OXIDES OF NITROGEN		
	PTE(s): 48 pounds per hour		420,443 pounds per year
Emission Unit:	U-00001	Process:	002
	CAS No: 0NY210-00-0		
	Name: OXIDES OF NITROGEN		
	PTE(s): 142.64 pounds per hour		1,249,526 pounds per year
Emission Unit:	U-00001	Process:	003
	CAS No: 0NY210-00-0		
	Name: OXIDES OF NITROGEN		
	PTE(s): 86.34 pounds per hour		756,338 pounds per year

Condition 50: Compliance Certification
Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 50.1:

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The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Regulated Contaminant(s):

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

Item 50.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

New York Presbyterian Hospital is required to maintain and operate CEM system for NOx emission only for the two new 137.8 MM Btu/hr each Babcock & Wilcox/FM-2566 boilers (Emission Sources 00008 & S0009). The CEM system is required to meet the requirements of 40 CFR 60 Appendices B and F.

The two old 150 MM Btu/hr each Combustion Engineering/VP-12 boilers (Emission Sources 00004 & 00005) are not subject to CEMS NOx emission requirements.

Reference Test Method: Appendices B & F

Monitoring Frequency: CONTINUOUS

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

Subsequent reports are due every 3 calendar month(s).

Condition 51: Performance testing facilities.

Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 51.1:

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

Item 51.2:

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

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

Condition 52: Compliance Certification

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Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 52.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001
Process: 001

Emission Point: 00001

Item 52.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Affected owners or operators shall submit an excess emissions report semi-annually based on the calendar year (or more frequently as required by the applicable Subpart or the Administrator), to the Administrator. These reports shall be postmarked no later than 30 calendar days following the end of the reporting period, and shall contain the following information:

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

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

Condition 53: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

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Applicable Federal Requirement:6 NYCRR 227-2.4 (b) (1) (i)

Item 53.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 001

Emission Source: 00004

Regulated Contaminant(s):

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

Item 53.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

This condition applies to natural gas/oil fired large boilers and is applicable until June 30th 2014. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.

The owner or operator will maintain records on-site for a minimum of five years.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.30 pounds per million Btus

Reference Test Method: 40 CFR 60 Appendix A - Method 7, 7E, 19

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 60 days after the reporting period.

The initial report is due 3/1/2014.

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

Condition 54: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 54.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Emission Point: 00001

Process: 001

Emission Source: 00004

Regulated Contaminant(s):

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

Item 54.2:

Compliance Certification shall include the following monitoring:

New York State Department of Environmental Conservation

Permit ID: 2-6201-00005/00007

Facility DEC ID: 2620100005



Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

This condition applies to natural gas/oil fired large boilers. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.

The owner or operator will maintain records on-site for a minimum of five years.

The compliance deadline, with the emission limitation listed in this condition, is July, 1 2014. Compliance with the monitoring, record keeping, or reporting requirements listed in this condition begins on July, 1 2014.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.15 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: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 60 days after the reporting period.

The initial report is due 3/1/2014.

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

Condition 55: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 55.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 001

Emission Source: 00004

Regulated Contaminant(s):

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

Item 55.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The following unit shall perform testing to verify NO_x emissions to demonstrate compliance with this part.

The owner/operator of large boilers (between 100 and 250 MM BTU/hr) shall measure NO_x emissions by performing stack tests described in subdivision (c) of this section.

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Permit ID: 2-6201-00005/00007

Facility DEC ID: 2620100005



The NOX RACT for large boilers (between 100 and 250 MM BTU/hr) operating on gas have a limit of 0.30 pounds per million Btus and those operating on gas/oil have a limit of 0.30 pounds per million Btus.

Stack test requirements: The owner/operator of those facilities required to stack test under subdivision (a) of 6NYCRR 227-2.6 shall:

1. Submit a compliance test protocol to the department for approval at least 90 days prior to emission testing. The conditions of the testing and the locations of the sampling devices must be acceptable to the department; and
2. Utilize procedures set forth in 40 CFR Part 60, Appendix A or any other method acceptable to the department and EPA for determining compliance with the appropriate NOx limit in section 227-2.4 of this Subpart, and shall follow the procedures set forth in Part 202 of this Title.
 - i. For large (between 100 and 250 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.

Manufacturer Name/Model Number: COMBUSTION ENG./VP-12W

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.30 pounds per million Btus

Reference Test Method: METHOD 7, 7E, 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 56: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 6 NYCRR 227-2.4 (b) (1) (i)

Item 56.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 001

Emission Source: 00005

Regulated Contaminant(s):

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

Item 56.2:

New York State Department of Environmental Conservation

Permit ID: 2-6201-00005/00007

Facility DEC ID: 2620100005



Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

This condition applies to natural gas/oil fired large boilers and is applicable until June 30th 2014. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.

The owner or operator will maintain records on-site for a minimum of five years.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.30 pounds per million Btus

Reference Test Method: 40 CFR 60 Appendix A - Method 7, 7E, 19

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 60 days after the reporting period.

The initial report is due 3/1/2014.

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

Condition 57: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 57.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 001

Emission Source: 00005

Regulated Contaminant(s):

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

Item 57.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

This condition applies to natural gas/oil fired large boilers. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.

The owner or operator will maintain records on-site for a minimum of five years.

The compliance deadline, with the emission limitation listed in this condition, is July, 1 2014. Compliance

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Facility DEC ID: 2620100005



with the monitoring, record keeping, or reporting requirements listed in this condition begins on July, 1 2014.

Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 0.15 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: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 60 days after the reporting period.
The initial report is due 3/1/2014.
Subsequent reports are due every 6 calendar month(s).

Condition 58: Compliance Certification
Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 58.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001	Emission Point: 00001
Process: 001	Emission Source: 00005

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

Item 58.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The following unit shall perform testing to verify NO_x emissions to demonstrate compliance with this part.

The owner/operator of large boilers (between 100 and 250 MM BTU/hr) shall measure NO_x emissions by performing stack tests described in subdivision (c) of this section.

The NO_x RACT for large boilers (between 100 and 250 MM BTU/hr) operating on gas have a limit of 0.20 pounds per million Btus and those operating on gas/oil have a limit of 0.30 pounds per million Btus.

Stack test requirements: The owner/operator of those facilities required to stack test under subdivision (a) of 6NYCRR 227-2.6 shall:

1. Submit a compliance test protocol to the department for approval at least 90 days prior to emission testing.
The conditions of the testing and the locations of the

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sampling devices must be acceptable to the department;
and

2. Utilize procedures set forth in 40 CFR Part 60, Appendix A or any other method acceptable to the department and EPA for determining compliance with the appropriate NOx limit in section 227-2.4 of this Subpart, and shall follow the procedures set forth in Part 202 of this Title.

i. For large (between 100 and 250 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.

Manufacturer Name/Model Number: COMBUSTION ENG./VP-12W

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.30 pounds per million Btus

Reference Test Method: METHOD 7, 7E, 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 59: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 6 NYCRR 227-2.4 (b) (1) (i)

Item 59.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 001

Emission Source: 00008

Regulated Contaminant(s):

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

Item 59.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

This condition applies to natural gas/oil fired large boilers and is applicable until June 30th 2014. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.

The owner or operator will maintain records on-site for a minimum of five years.

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Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 0.30 pounds per million Btus
Reference Test Method: 40 CFR 60 Appendix A - Method 7, 7E, 19
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 60 days after the reporting period.
The initial report is due 3/1/2014.
Subsequent reports are due every 6 calendar month(s).

Condition 60: Compliance Certification
Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 60.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001	Emission Point: 00001
Process: 001	Emission Source: 00008

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

Item 60.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

This condition applies to natural gas/oil fired large boilers. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.

The owner or operator will maintain records on-site for a minimum of five years.

The compliance deadline, with the emission limitation listed in this condition, is July, 1 2014. Compliance with the monitoring, record keeping, or reporting requirements listed in this condition begins on July, 1 2014.

Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 0.15 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: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 60 days after the reporting period.
The initial report is due 3/1/2014.
Subsequent reports are due every 6 calendar month(s).

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Condition 61: Compliance Certification
Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 61.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 001

Emission Source: 00008

Regulated Contaminant(s):

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

Item 61.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The following unit shall perform testing to verify NO_x emissions to demonstrate compliance with this part.

The owner/operator of large boilers (between 100 and 250 MM Btu/hr) shall measure NO_x emissions by performing stack tests described in subdivision (c) of this section.

The NO_x RACT for large boilers (between 100 and 250 MM Btu/hr) operating on gas have a limit of 0.20 pounds per million Btu per hour and those operating on gas/oil have a limit of 0.30 pounds per million Btus.

Stack test requirements: The owner/operator of those facilities required to stack test under subdivision (a) of 6NYCRR 227-2.6 shall:

1. Submit a compliance test protocol to the department for approval at least 90 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_x limit in section 227-2.4 of this Subpart, and shall follow the procedures set forth in Part 202 of this Title.
 - i. For large (between 100 and 250 MM Btu/hr) boilers, utilize Method 7, 7E, or 19 from 40 CFR Part 60, Appendix A or another reference method approved by the

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department.

This 137.8 MM Btu/hr Babcock & Wilcox/FM-2566 (Emission Source 00008) is subject to CEMS NO_x by utilizing Continuous Emission Monitoring Systems (CEMS) under the provisions of section 227-2.6(a)(2) of this Subpart.

Manufacturer Name/Model Number: CEMS NO_x for BABCOCK & WILCOX/FM-2566

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.30 pounds per million Btus

Reference Test Method: Method 7, 7E or 19

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 62: Applicability of General Provisions of 40 CFR 60 Subpart A
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60, NSPS Subpart A

Item 62.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 001 Emission Source: 00008

Item 62.2:

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 63: EPA Region 2 address.
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.4, NSPS Subpart A

Item 63.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
 Process: 001 Emission Source: 00008

Item 63.2:

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

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

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Facility DEC ID: 2620100005



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

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

**Condition 64: Date of construction notification - If a COM is not used.
Effective between the dates of 11/05/2013 and 11/04/2018**

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

Item 64.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 001 Emission Source: 00008

Item 64.2:

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

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

**Condition 65: Recordkeeping requirements.
Effective between the dates of 11/05/2013 and 11/04/2018**

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

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Permit ID: 2-6201-00005/00007

Facility DEC ID: 2620100005



Item 65.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 001 Emission Source: 00008

Item 65.2:

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

Condition 66: Excess Emissions Report
Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 66.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 001 Emission Source: 00008

Item 66.2:

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

Condition 67: Facility files for subject sources.
Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 67.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 001 Emission Source: 00008

Item 67.2:

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

Condition 68: Performance testing timeline.
Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 68.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 001 Emission Source: 00008

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Facility DEC ID: 2620100005



Item 68.2:

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

Condition 69: Performance Test Methods - Waiver EU Level
Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 69.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 001 Emission Source: 00008

Item 69.2:

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

Condition 70: Required performance test information.
Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 70.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 001 Emission Source: 00008

Item 70.2:

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

Condition 71: Prior notice.
Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 71.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 001 Emission Source: 00008

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Facility DEC ID: 2620100005



Item 71.2:

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

Condition 72: Number of required tests.

Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 72.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 001 Emission Source: 00008

Item 72.2:

Each performance test shall consist of three separate runs, at the specified duration required in the applicable test method. Compliance with all applicable standards shall be determined by using the arithmetic means of the results of the three runs.

Condition 73: Availability of information.

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement:40CFR 60.9, NSPS Subpart A

Item 73.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 001 Emission Source: 00008

Item 73.2:

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

Condition 74: Opacity standard compliance testing.

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement:40CFR 60.11, NSPS Subpart A

Item 74.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 001 Emission Source: 00008

Item 74.2:

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

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

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

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shutdown, and malfunction; and

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

Condition 75: Circumvention.

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement:40CFR 60.12, NSPS Subpart A

Item 75.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 001 Emission Source: 00008

Item 75.2:

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

Condition 76: Monitoring requirements.

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement:40CFR 60.13, NSPS Subpart A

Item 76.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 001 Emission Source: 00008

Item 76.2:

All continuous monitoring systems and devices shall be installed, calibrated, maintained, and operated in accordance with the requirements of section 60.13.

Condition 77: Modifications.

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement:40CFR 60.14, NSPS Subpart A

Item 77.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 001 Emission Source: 00008

Item 77.2:

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

Condition 78: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

New York State Department of Environmental Conservation

Permit ID: 2-6201-00005/00007

Facility DEC ID: 2620100005



Applicable Federal Requirement:40CFR 60.44b(a)(1), NSPS Subpart Db

Item 78.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 001

Emission Source: 00008

Regulated Contaminant(s):

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

Item 78.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Oxides of nitrogen standard for
industrial/commercial/institutional stream generating
units.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.30 pounds per million Btus

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

Condition 79: Applicability of oxides of nitrogen standard.

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement:40CFR 60.44b(h), NSPS Subpart Db

Item 79.1:

This Condition applies to

Emission Unit: U-00001

Emission Point: 00001

Process: 001

Emission Source: 00008

Item 79.2:

The emissions standard for oxides of nitrogen
shall apply at all times including periods of
startup, shutdown, and malfunction.

Condition 80: Averaging period.

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement:40CFR 60.44b(i), NSPS Subpart Db

Item 80.1:

This Condition applies to

Emission Unit: U-00001

Emission Point: 00001

New York State Department of Environmental Conservation

Permit ID: 2-6201-00005/00007

Facility DEC ID: 2620100005



Process: 001

Emission Source: 00008

Item 80.2:

Except as noted in paragraph (j) of this section, compliance with the emission limits shall be determined on a 30 day rolling average basis.

Condition 81: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.44b(j), NSPS Subpart Db

Item 81.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 001

Emission Source: 00008

Regulated Contaminant(s):

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

Item 81.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Compliance with the emission limits under this section is determined on a 24-hour average basis for the initial performance test and on a 3-hour average basis for subsequent performance tests for any affected facilities that:

(1) Combust alone or in combination, only natural gas, distillate oil, or residual oil with a nitrogen content of 0.30 weight percent or less;

(2) Have a combined annual capacity factor of 10 percent or less for natural gas, distillate oil, and residual oil with a nitrogen content of 0.30 weight percent or less; and

(3) Are subject to a Federally enforceable requirement limiting operation of the affected facility to the firing of natural gas, distillate oil, and/or residual oil with a nitrogen content of 0.30 weight percent or less and limiting operation of the affected facility to a combined annual capacity factor of 10 percent or less for natural gas, distillate oil, and residual oil and nitrogen content of 0.30 weight percent or less.

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Manufacturer Name/Model Number: BABCOCK & WILCOX/FM-2566

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

Condition 82: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement:40CFR 60.44b(k), NSPS Subpart Db

Item 82.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 001

Emission Source: 00008

Regulated Contaminant(s):

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

Item 82.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Affected facilities that meet the criteria described in paragraphs (j)(1), (2), and (3) of this section and that have a heat input capacity of 250 MM Btu/hr or less, are not subject to the nitrogen oxides emission limits under this section.

Manufacturer Name/Model Number: BABCOCK & WILCOX/FM-2566

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

Condition 83: Compliance and performance methods for oxides of nitrogen and particulate matter.

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement:40CFR 60.46b, NSPS Subpart Db

Item 83.1:

This Condition applies to

Emission Unit: U-00001

Emission Point: 00001

Process: 001

Emission Source: 00008

Item 83.2:

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Compliance with both the oxides of nitrogen and particulate matter standards shall be determined using the methods specified in section 40 CFR 60-Db.46b.

Condition 84: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement:40CFR 60.46b(e), NSPS Subpart Db

Item 84.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 001

Emission Source: 00008

Regulated Contaminant(s):

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

Item 84.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

To determine compliance with the emission limits for nitrogen oxides required under 40 CFR 60-Db.44b, the owner or operator of an affected facility shall conduct the performance test as required under 40 CFR 60.8 using the continuous system for monitoring nitrogen oxides under 40 CFR 60.48(b).

Manufacturer Name/Model Number: CEMS for BABCOCK & WILCOX/FM-2566

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.30 pounds per million Btus

Reference Test Method: 40 CFR Part 60, Appendix A, Method 20

Monitoring Frequency: CONTINUOUS

Averaging Method: AVERAGING METHOD - SEE MONITORING

DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

Subsequent reports are due every 3 calendar month(s).

Condition 85: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement:40CFR 60.48b(a), NSPS Subpart Db

Item 85.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 001

Emission Source: 00008

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Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 85.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The owner or operator of facilities subject to section 40 CFR 60-Db.43b opacity standard must install, calibrate, maintain, and operate a continuous monitoring system for measuring the opacity of emissions discharged to the atmosphere and record the output of the system.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Monitoring Frequency: CONTINUOUS

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

Subsequent reports are due every 3 calendar month(s).

Condition 86: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.48b(b), NSPS Subpart Db

Item 86.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 001

Emission Source: 00008

Regulated Contaminant(s):

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

Item 86.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The owner or operator of facilities subject to section 40 CFR 60-Db.44b shall install, calibrate, maintain, operate a continuous monitoring system for measuring nitrogen oxides emissions discharged to the atmosphere and record the output of the CEM system.

Manufacturer Name/Model Number: CEMS for BABCOCK & WILCOX/FM-2566

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.30 pounds per million Btus

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Reference Test Method: Method 7, 7E or 19
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2014.
Subsequent reports are due every 3 calendar month(s).

Condition 87: Use of alternative methods for measuring NOx during CEMS downtime

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.48b(f), NSPS Subpart Db

Item 87.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 001 Emission Source: 00008

Item 87.2:

When nitrogen oxides emission data are not obtained because of continuous monitoring system breakdowns, repairs, calibration checks, and zero and span adjustments, emission data will be obtained by using standby monitoring systems, Method 7, Method 7A, or other approved reference methods to provide emission data for a minimum of 75 percent of the operating hours in each steam generating unit operating day, in at least 22 out of 30 successive steam generating unit operating days.

Condition 88: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.49b(a), NSPS Subpart Db

Item 88.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 001 Emission Source: 00008

Item 88.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility shall submit notification of the date of initial startup, as provided by 40 CFR Part 60.7. This notification shall include:

(1) The design heat input capacity of the affected facility and identification of the fuels to be combusted in the affected facility,

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(2) If applicable, a copy of any Federally enforceable requirement that limits the annual capacity factor for any fuel or mixture of fuels under 40 CFR Part 60.42b(d)(1), 60.43b(a)(2), (a)(3)(iii), (c)(2)(ii), (d)(2)(iii), 60.44b(c), (d), (e), (i), (j), (k), 60.45b(d), (g), 60.46b(h), or 60.48b(i),

(3) The annual capacity factor at which the owner or operator anticipates operating the facility based on all fuels fired and based on each individual fuel fired, and,

(4) Notification that an emerging technology will be used for controlling emissions of sulfur dioxide. The Administrator will examine the description of the emerging technology and will determine whether the technology qualifies as an emerging technology. In making this determination, the Administrator may require the owner or operator of the affected facility to submit additional information concerning the control device. The affected facility is subject to the provisions of 40 CFR Part 60.42b(a) unless and until this determination is made by the Administrator.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 89: Compliance Certification
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.49b(b), NSPS Subpart Db

Item 89.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001
Process: 001

Emission Point: 00001
Emission Source: 00008

Item 89.2:

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 sulfur dioxide, particulate matter, and/or nitrogen oxides emission limits under 40 CFR Part 60.42b, 60.43b, and 60.44b shall submit to the Administrator the performance test data from the initial performance test and the performance evaluation of the CEMS using the applicable performance specifications in appendix B. The

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owner or operator of each affected facility described in 40 CFR 60-Db.44b(j) or 40 CFR 60-44b(k) shall submit to the Administrator the maximum heat input capacity data from the demonstration of the maximum heat input capacity of the affected facility.

Manufacturer Name/Model Number: BABCOCK & WILCOX/FM-2566

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 90: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.49b(b), NSPS Subpart Db

Item 90.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 001

Emission Source: 00008

Item 90.2:

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 sulfur dioxide, particulate matter, and/or nitrogen oxides emission limits under 40 CFR Part 60.42b, 60.43b, and 60.44b shall submit to the Administrator the performance test data from the initial performance test and the performance evaluation of the CEMS using the applicable performance specifications in appendix B.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 91: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.49b(g), NSPS Subpart Db

Item 91.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 001

Emission Source: 00008

Regulated Contaminant(s):

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

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Item 91.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall maintain records of the following information for each steam generating unit operating day:

- 1) Calendar date.
- 2) The average hourly nitrogen oxides emission rates (expressed as NO₂) (ng/J or lb/million Btu heat input) measured or predicted.
- 3) The 30-day average nitrogen oxides emission rates (ng/J or lb/million Btu heat input) calculated at the end of each steam generating unit operating day from the measured or predicted hourly nitrogen oxide emission rates for the preceeding 30 steam generating unit operating days.
- 4) Identification of the steam generating unit operating days when the calculated 30-day average nitrogen oxides emission rates are in excess of the nitrogen oxides emission standards under 40CFR60.44b, with the reasons for such excess emissions as well as a description of corrective actions taken.
- 5) Identification of the steam generating unit operating days for which pollutant data have not been obtained, including reasons for not obtaining sufficient data and a description of corrective actions taken.
- 6) Identification of the times when emission data have been excluded from the calculation of average emission rates and the reasons for excluding data.
- 7) Identification of the "F" factor used for calculations, method of determination, and type of fuel combusted.
- 8) Identification of the times when the pollutant concentration exceeded the full span of the continuous monitoring system.
- 9) Description of any modifications to the continuous monitoring system that could affect the ability of the system to comply with Performance Specification 2 or 3.
- 10) Results of daily CEMS drift tests and quarterly accuracy assessments as required under 40CFR60 Appendix F, Procedure 1.

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

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Condition 92: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.49b(h), NSPS Subpart Db

Item 92.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 001

Emission Source: 00008

Item 92.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall submit semiannual excess emission reports for opacity and/or, oxides of nitrogen, and/or sulfur dioxide any reporting period during which there are excess emissions from the affected facility. If there are no excess emissions during the reporting period, the owner or operator shall submit a report semiannually stating that no excess emissions occurred during that semiannual reporting period.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

Condition 93: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.49b(i), NSPS Subpart Db

Item 93.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 001

Emission Source: 00008

Regulated Contaminant(s):

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

Item 93.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of any affected facility subject to the continuous monitoring requirements for nitrogen oxides

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under §60.48b shall submit reports containing the information recorded under 40CFR60.49b(g). All reports shall be postmarked by the 30th day following the end of each semiannual period.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

Condition 94: Records Retention

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement:40CFR 60.49b(o), NSPS Subpart Db

Item 94.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 001 Emission Source: 00008

Item 94.2:

All records required under this section shall be maintained by the owner or operator of the affected facility for a period of 2 years following the date of such record.

Condition 95: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement:6 NYCRR 227-2.4 (b) (1) (i)

Item 95.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 001 Emission Source: S0009

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

Item 95.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

This condition applies to natural gas/oil fired large boilers and is applicable until June 30th 2014. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.

The owner or operator will maintain records on-site for a

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minimum of five years.

Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 0.30 pounds per million Btus
Reference Test Method: 40 CFR 60 Appendix A - Method 7, 7E, 19
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 60 days after the reporting period.
The initial report is due 3/1/2014.
Subsequent reports are due every 6 calendar month(s).

Condition 96: Compliance Certification
Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 96.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001	Emission Point: 00001
Process: 001	Emission Source: S0009

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

Item 96.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

This condition applies to natural gas/oil fired large boilers. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.

The owner or operator will maintain records on-site for a minimum of five years.

The compliance deadline, with the emission limitation listed in this condition, is July, 1 2014. Compliance with the monitoring, record keeping, or reporting requirements listed in this condition begins on July, 1 2014.

Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 0.15 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: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 60 days after the reporting period.

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The initial report is due 3/1/2014.
Subsequent reports are due every 6 calendar month(s).

Condition 97: Compliance Certification
Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 97.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001	Emission Point: 00001
Process: 001	Emission Source: S0009

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

Item 97.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The following unit shall perform testing to verify NO_x emissions to demonstrate compliance with this part.

The owner/operator of large boilers (between 100 and 250 MM Btu/hr) shall measure NO_x emissions by performing stack tests described in subdivision (c) of this section.

The NO_x RACT for large boilers (between 100 and 250 MM Btu/hr) operating on gas have a limit of 0.20 pounds per million Btus and those operating on gas/oil have a limit of 0.30 pounds per million Btus.

Stack test requirements: The owner/operator of those facilities required to stack test under subdivision (a) of 6NYCRR 227-2.6 shall:

1. Submit a compliance test protocol to the department for approval at least 90 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_x limit in section 227-2.4 of this Subpart, and shall follow the procedures set forth in Part 202 of this Title.
 - i. For large (between 100 and 250 MM Btu/hr)

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boilers, utilize Method 7, 7E, or 19 from 40 CFR Part 60, Appendix A or another reference method approved by the department.

This 137.8 MM Btu/hr Babcock & Wilcox/FM-2566 (Emission Source S0009) is subject to CEMS NO_x by utilizing Continuous Emission Monitoring Systems (CEMS) under the provisions of section 227-2.6(a)(2) of this Subpart.

Manufacturer Name/Model Number: CEMS NOX for BABCOCK & WILCOX/FM-2566

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.30 pounds per million Btus

Reference Test Method: Method 7.7E or 19

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST

METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 98: Applicability of General Provisions of 40 CFR 60 Subpart A
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60, NSPS Subpart A

Item 98.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 001 Emission Source: S0009

Item 98.2:

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 99: EPA Region 2 address.
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40 CFR 60.4, NSPS Subpart A

Item 99.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 001 Emission Source: S0009

Item 99.2:

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

Director, Division of Enforcement and Compliance Assistance
USEPA Region 2
290 Broadway, 21st Floor

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New York, NY 10007-1886

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

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

**Condition 100: Date of construction notification - If a COM is not used.
Effective between the dates of 11/05/2013 and 11/04/2018**

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

Item 100.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 001 Emission Source: S0009

Item 100.2:

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

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

**Condition 101: Recordkeeping requirements.
Effective between the dates of 11/05/2013 and 11/04/2018**

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Facility DEC ID: 2620100005



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

Item 101.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 001 Emission Source: S0009

Item 101.2:

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

Condition 102: Excess Emissions Report
Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 102.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 001 Emission Source: S0009

Item 102.2:

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

Condition 103: Facility files for subject sources.
Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 103.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 001 Emission Source: S0009

Item 103.2:

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

Condition 104: Performance testing timeline.
Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 104.1:

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This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 001 Emission Source: S0009

Item 104.2:

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

Condition 105: Performance Test Methods - Waiver EU Level
Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 105.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 001 Emission Source: S0009

Item 105.2:

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

Condition 106: Required performance test information.
Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 106.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 001 Emission Source: S0009

Item 106.2:

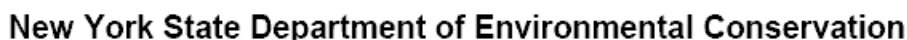
Performance tests shall be conducted under such conditions specified by the Administrator, based upon representative performance data supplied by the owner or operate of the facility.

Condition 107: Prior notice.
Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 107.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 001 Emission Source: S0009



Facility DEC ID: 2620100005

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

Effective between the dates of 11/05/2013 and 11/04/2018

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

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 001 Emission Source: S0009

Each performance test shall consist of three separate runs, at the specified duration required in the applicable test method. Compliance with all applicable standards shall be determined by using the arithmetic means of the results of the three runs.

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.9, NSPS Subpart A

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 001 Emission Source: S0009

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

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.11, NSPS Subpart A

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 001 Emission Source: S0009

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

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

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

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

Condition 111: Circumvention.

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement:40CFR 60.12, NSPS Subpart A

Item 111.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 001 Emission Source: S0009

Item 111.2:

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

Condition 112: Monitoring requirements.

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement:40CFR 60.13, NSPS Subpart A

Item 112.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 001 Emission Source: S0009

Item 112.2:

All continuous monitoring systems and devices shall be installed, calibrated, maintained, and operated in accordance with the requirements of section 60.13.

Condition 113: Modifications.

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement:40CFR 60.14, NSPS Subpart A

Item 113.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 001 Emission Source: S0009

Item 113.2:

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

Condition 114: Compliance Certification

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Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.44b(a)(1), NSPS Subpart Db

Item 114.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 001

Emission Source: S0009

Regulated Contaminant(s):

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

Item 114.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Oxides of nitrogen standard for industrial/commercial/institutional stream generating units.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.30 pounds per million Btus

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

Condition 115: **Applicability of oxides of nitrogen standard.**

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.44b(h), NSPS Subpart Db

Item 115.1:

This Condition applies to

Emission Unit: U-00001

Emission Point: 00001

Process: 001

Emission Source: S0009

Item 115.2:

The emissions standard for oxides of nitrogen shall apply at all times including periods of startup, shutdown, and malfunction.

Condition 116: Averaging period.

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.44b(i), NSPS Subpart Db

Item 116.1:

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This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 001 Emission Source: S0009

Item 116.2:

Except as noted in paragraph (j) of this section, compliance with the emission limits shall be determined on a 30 day rolling average basis.

Condition 117: Compliance Certification
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.44b(j), NSPS Subpart Db

Item 117.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 001 Emission Source: S0009

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

Item 117.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Compliance with the emission limits under this section is determined on a 24-hour average basis for the initial performance test and on a 3-hour average basis for subsequent performance tests for any affected facilities that:

- (1) Combust alone or in combination, only natural gas, distillate oil, or residual oil with a nitrogen content of 0.30 weight percent or less;
- (2) Have a combined annual capacity factor of 10 percent or less for natural gas, distillate oil, and residual oil with a nitrogen content of 0.30 weight percent or less; and
- (3) Are subject to a Federally enforceable requirement limiting operation of the affected facility to the firing of natural gas, distillate oil, and/or residual oil with a nitrogen content of 0.30 weight percent or less and limiting operation of the affected facility to a combined annual capacity factor of 10 percent or less for natural gas, distillate oil, and residual oil and nitrogen content of 0.30 weight percent or less.

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Manufacturer Name/Model Number: BABCOCK & WILCOX/FM-2566

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

Condition 118: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement:40CFR 60.44b(k), NSPS Subpart Db

Item 118.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 001

Emission Source: S0009

Regulated Contaminant(s):

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

Item 118.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Affected facilities that meet the criteria described in paragraphs (j)(1), (2), and (3) of this section and that have a heat input capacity of 250 MM Btu/hr or less, are not subject to the nitrogen oxides emission limits under this section.

Manufacturer Name/Model Number: BABCOCK & WILCOX/FM-2566

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

Condition 119: Compliance and performance methods for oxides of nitrogen and particulate matter.

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement:40CFR 60.46b, NSPS Subpart Db

Item 119.1:

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

Process: 001

Emission Source: S0009

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Item 119.2:

Compliance with both the oxides of nitrogen and particulate matter standards shall be determined using the methods specified in section 40 CFR 60-Db.46b.

Condition 120: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.46b(e), NSPS Subpart Db

Item 120.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 001

Emission Source: S0009

Regulated Contaminant(s):

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

Item 120.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

To determine compliance with the emission limits for nitrogen oxides required under 40 CFR 60-Db.44b, the owner or operator of an affected facility shall conduct the performance test as required under 40 CFR 60.8 using the continuous system for monitoring nitrogen oxides under 40 CFR 60.48(b).

Manufacturer Name/Model Number: CEMS for BABCOCK & WILCOX/FM-2566

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.30 pounds per million Btus

Reference Test Method: 40 CFR Part 60, Appendix A, Method 20

Monitoring Frequency: CONTINUOUS

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

Subsequent reports are due every 3 calendar month(s).

Condition 121: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.48b(a), NSPS Subpart Db

Item 121.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

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Facility DEC ID: 2620100005



Process: 001

Emission Source: S0009

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 121.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The owner or operator of facilities subject to section 40 CFR 60-Db.43b opacity standard must install, calibrate, maintain, and operate a continuous monitoring system for measuring the opacity of emissions discharged to the atmosphere and record the output of the system.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Monitoring Frequency: CONTINUOUS

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

Subsequent reports are due every 3 calendar month(s).

Condition 122: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.48b(b), NSPS Subpart Db

Item 122.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 001

Emission Source: S0009

Regulated Contaminant(s):

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

Item 122.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The owner or operator of facilities subject to section 40 CFR 60-Db.44b shall install, calibrate, maintain, operate a continuous monitoring system for measuring nitrogen oxides emissions discharged to the atmosphere and record the output of the CEM system.

Manufacturer Name/Model Number: CEMS for BABCOCK & WILCOX/FM-2566

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Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 0.30 pounds per million Btus
Reference Test Method: Method 7, 7E or 19
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2014.
Subsequent reports are due every 3 calendar month(s).

Condition 123: Use of alternative methods for measuring NOx during CEMS downtime

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.48b(f), NSPS Subpart Db

Item 123.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 001 Emission Source: S0009

Item 123.2:

When nitrogen oxides emission data are not obtained because of continuous monitoring system breakdowns, repairs, calibration checks, and zero and span adjustments, emission data will be obtained by using standby monitoring systems, Method 7, Method 7A, or other approved reference methods to provide emission data for a minimum of 75 percent of the operating hours in each steam generating unit operating day, in at least 22 out of 30 successive steam generating unit operating days.

Condition 124: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.49b(a), NSPS Subpart Db

Item 124.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 001 Emission Source: S0009

Item 124.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility shall submit notification of the date of initial startup, as provided by 40 CFR Part 60.7. This notification shall include:

(1) The design heat input capacity of the affected facility and identification of the fuels to be combusted

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in the affected facility,

(2) If applicable, a copy of any Federally enforceable requirement that limits the annual capacity factor for any fuel or mixture of fuels under 40 CFR Part 60.42b(d)(1), 60.43b(a)(2), (a)(3)(iii), (c)(2)(ii), (d)(2)(iii), 60.44b(c), (d), (e), (i), (j), (k), 60.45b(d), (g), 60.46b(h), or 60.48b(i),

(3) The annual capacity factor at which the owner or operator anticipates operating the facility based on all fuels fired and based on each individual fuel fired, and,

(4) Notification that an emerging technology will be used for controlling emissions of sulfur dioxide. The Administrator will examine the description of the emerging technology and will determine whether the technology qualifies as an emerging technology. In making this determination, the Administrator may require the owner or operator of the affected facility to submit additional information concerning the control device. The affected facility is subject to the provisions of 40 CFR Part 60.42b(a) unless and until this determination is made by the Administrator.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 125: Compliance Certification
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.49b(b), NSPS Subpart Db

Item 125.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001
Process: 001

Emission Point: 00001
Emission Source: S0009

Item 125.2:

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 sulfur dioxide, particulate matter, and/or nitrogen oxides emission limits under 40 CFR Part 60.42b, 60.43b, and 60.44b shall submit to the Administrator the performance test data from the initial performance test

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and the performance evaluation of the CEMS using the applicable performance specifications in appendix B. The owner or operator of each affected facility described in 40 CFR 60-Db.44b(j) or 40 CFR 60-44b(k) shall submit to the Administrator the maximum heat input capacity data from the demonstration of the maximum heat input capacity of the affected facility.

Manufacturer Name/Model Number: BABCOCK & WILCOX/FM-2566

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 126: Compliance Certification
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement:40CFR 60.49b(b), NSPS Subpart Db

Item 126.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 001

Emission Source: S0009

Item 126.2:

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 sulfur dioxide, particulate matter, and/or nitrogen oxides emission limits under 40 CFR Part 60.42b, 60.43b, and 60.44b shall submit to the Administrator the performance test data from the initial performance test and the performance evaluation of the CEMS using the applicable performance specifications in appendix B.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 127: Compliance Certification
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement:40CFR 60.49b(g), NSPS Subpart Db

Item 127.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 001

Emission Source: S0009

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Regulated Contaminant(s):

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

Item 127.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall maintain records of the following information for each steam generating unit operating day:

- 1) Calendar date.
- 2) The average hourly nitrogen oxides emission rates (expressed as NO₂) (ng/J or lb/million Btu heat input) measured or predicted.
- 3) The 30-day average nitrogen oxides emission rates (ng/J or lb/million Btu heat input) calculated at the end of each steam generating unit operating day from the measured or predicted hourly nitrogen oxide emission rates for the preceeding 30 steam generating unit operating days.
- 4) Identification of the steam generating unit operating days when the calculated 30-day average nitrogen oxides emission rates are in excess of the nitrogen oxides emission standards under 40CFR60.44b, with the reasons for such excess emissions as well as a description of corrective actions taken.
- 5) Identification of the steam generating unit operating days for which pollutant data have not been obtained, including reasons for not obtaining sufficient data and a description of corrective actions taken.
- 6) Identification of the times when emission data have been excluded from the calculation of average emission rates and the reasons for excluding data.
- 7) Identification of the "F" factor used for calculations, method of determination, and type of fuel combusted.
- 8) Identification of the times when the pollutant concentration exceeded the full span of the continuous monitoring system.
- 9) Description of any modifications to the continuous monitoring system that could affect the ability of the system to comply with Performance Specification 2 or 3.
- 10) Results of daily CEMS drift tests and quarterly accuracy assessments as required under 40CFR60 Appendix F, Procedure 1.

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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The initial report is due 1/30/2014.
Subsequent reports are due every 6 calendar month(s).

Condition 128: Compliance Certification
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.49b(h), NSPS Subpart Db

Item 128.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001
Process: 001

Emission Point: 00001
Emission Source: S0009

Item 128.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall submit semiannual excess emission reports for opacity and/or, oxides of nitrogen, and/or sulfur dioxide any reporting period during which there are excess emissions from the affected facility. If there are no excess emissions during the reporting period, the owner or operator shall submit a report semiannually stating that no excess emissions occurred during that semiannual reporting period.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

Condition 129: Compliance Certification
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.49b(i), NSPS Subpart Db

Item 129.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001
Process: 001

Emission Point: 00001
Emission Source: S0009

Regulated Contaminant(s):

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

Item 129.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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The owner or operator of any affected facility subject to the continuous monitoring requirements for nitrogen oxides under §60.48b shall submit reports containing the information recorded under 40CFR60.49b(g). All reports shall be postmarked by the 30th day following the end of each semiannual period.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

Condition 130: Records Retention

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement:40CFR 60.49b(o), NSPS Subpart Db

Item 130.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 001 Emission Source: S0009

Item 130.2:

All records required under this section shall be maintained by the owner or operator of the affected facility for a period of 2 years following the date of such record.

Condition 131: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 131.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 002

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

Item 131.2:

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

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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: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 132: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 132.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 002

Item 132.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Affected owners or operators shall submit an excess emissions report semi-annually based on the calendar year (or more frequently as required by the applicable Subpart or the Administrator), to the Administrator. These reports shall be postmarked no later than 30 calendar days following the end of the reporting period, and shall contain the following information:

- 1) the magnitude of excess emissions computed, any

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conversion factors used, the date and time of each occurrence, and the process operating time during the reporting period;

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

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

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

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

Condition 133: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 6 NYCRR 227-2.4 (b) (1) (i)

Item 133.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 002

Emission Source: 00004

Regulated Contaminant(s):

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

Item 133.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

This condition applies to natural gas/oil fired large boilers and is applicable until June 30th 2014. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.

The owner or operator will maintain records on-site for a minimum of five years.

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Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 0.30 pounds per million Btus
Reference Test Method: 40 CFR 60 Appendix A - Method 7, 7E, 19
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 60 days after the reporting period.
The initial report is due 3/1/2014.
Subsequent reports are due every 6 calendar month(s).

Condition 134: Compliance Certification
Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 134.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001	Emission Point: 00001
Process: 002	Emission Source: 00004

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

Item 134.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The following unit shall perform testing to verify NO_x emissions to demonstrate compliance with this part.

The owner/operator of large boilers (between 100 and 250 MM BTU/hr) shall measure NO_x emissions by performing stack tests described in subdivision (c) of this section.

The NO_x RACT for large boilers (between 100 and 250 MM BTU/hr) operating on gas have a limit of 0.20 pounds per million Btus and those operating on gas/oil have a limit of 0.30 pounds per million BTU per hour.

Stack test requirements: The owner/operator of those facilities required to stack test under subdivision (a) of 6NYCRR 227-2.6 shall:

1. Submit a compliance test protocol to the department for approval at least 90 days prior to emission testing. The conditions of the testing and the locations of the sampling devices must be acceptable to the department; and

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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_x limit in section 227-2.4 of this Subpart, and shall follow the procedures set forth in Part 202 of this Title.

i. For large (between 100 and 250 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.

Manufacturer Name/Model Number: COMBUSTION ENG./VP-12W

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.30 pounds per million Btus

Reference Test Method: METHOD 7, 7E, 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 135: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 6 NYCRR 227-2.4 (b) (1) (i)

Item 135.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 002

Emission Source: 00005

Regulated Contaminant(s):

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

Item 135.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

This condition applies to natural gas/oil fired large boilers and is applicable until June 30th 2014. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.

The owner or operator will maintain records on-site for a minimum of five years.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.30 pounds per million Btus

Reference Test Method: 40 CFR 60 Appendix A - Method 7, 7E, 19

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Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 60 days after the reporting period.

The initial report is due 3/1/2014.

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

Condition 136: Compliance Certification
Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 136.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 002

Emission Source: 00005

Regulated Contaminant(s):

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

Item 136.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The following unit shall perform testing to verify NO_x emissions to demonstrate compliance with this part.

The owner/operator of large boilers (between 100 and 250 MM BTU/hr) shall measure NO_x emissions by performing stack tests described in subdivision (c) of this section.

The NO_x RACT for large boilers (between 100 and 250 MM BTU/hr) operating on gas have a limit of 0.20 pounds per million BTU per hour and those operating on gas/oil have a limit of 0.30 pounds per million Btus.

Stack test requirements: The owner/operator of those facilities required to stack test under subdivision (a) of 6NYCRR 227-2.6 shall:

1. Submit a compliance test protocol to the department for approval at least 90 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_x limit in section 227-2.4 of this Subpart,

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and shall follow the procedures set forth in Part 202 of this Title.

i. For large (between 100 and 250 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.

Manufacturer Name/Model Number: COMBUSTION ENG./VP-12W

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.30 pounds per million Btus

Reference Test Method: METHOD 7, 7E, 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 137: Compliance Certification
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 6 NYCRR 227-2.4 (b) (1) (i)

Item 137.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 002

Emission Source: 00008

Regulated Contaminant(s):

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

Item 137.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

This condition applies to natural gas/oil fired large boilers and is applicable until June 30th 2014. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.

The owner or operator will maintain records on-site for a minimum of five years.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.30 pounds per million Btus

Reference Test Method: 40 CFR 60 Appendix A - Method 7, 7E, 19

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 60 days after the reporting period.

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The initial report is due 3/1/2014.
Subsequent reports are due every 6 calendar month(s).

Condition 138: Compliance Certification
Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 138.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001	Emission Point: 00001
Process: 002	Emission Source: 00008

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

Item 138.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The following unit shall perform testing to verify NO_x emissions to demonstrate compliance with this part.

The owner/operator of large boilers (between 100 and 250 MM Btu/hr) shall measure NO_x emissions by performing stack tests described in subdivision (c) of this section.

The NO_x RACT for large boilers (between 100 and 250 MM Btu/hr) operating on gas have a limit of 0.20 pounds per million Btu per hour and those operating on gas/oil have a limit of 0.30 pounds per million Btus.

Stack test requirements: The owner/operator of those facilities required to stack test under subdivision (a) of 6NYCRR 227-2.6 shall:

1. Submit a compliance test protocol to the department for approval at least 90 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_x limit in section 227-2.4 of this Subpart, and shall follow the procedures set forth in Part 202 of this Title.
 - i. For large (between 100 and 250 MM Btu/hr)

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boilers, utilize Method 7, 7E, or 19 from 40 CFR Part 60, Appendix A or another reference method approved by the department.

This 137.8 MM Btu/hr Babcock & Wilcox/FM-2566 (Emission Source 00008) is subject to CEMS NOx by utilizing Continuous Emission Monitoring Systems (CEMS) under the provisions of section 227-2.6(a)(2) of this Subpart.

Manufacturer Name/Model Number: CEMS NOx for BABCOCK & WILCOX/FM-2566

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.30 pounds per million Btus

Reference Test Method: Method 7, 7E or 19

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 139: Applicability of General Provisions of 40 CFR 60 Subpart A
Effective between the dates of 11/05/2013 and 11/04/2018**

Applicable Federal Requirement: 40 CFR 60, NSPS Subpart A

Item 139.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00008

Item 139.2:

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 140: EPA Region 2 address.
Effective between the dates of 11/05/2013 and 11/04/2018**

Applicable Federal Requirement: 40 CFR 60.4, NSPS Subpart A

Item 140.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00008

Item 140.2:

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

Director, Division of Enforcement and Compliance Assistance
USEPA Region 2
290 Broadway, 21st Floor

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New York, NY 10007-1886

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

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

**Condition 141: Date of construction notification - If a COM is not used.
Effective between the dates of 11/05/2013 and 11/04/2018**

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

Item 141.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00008

Item 141.2:

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

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

**Condition 142: Recordkeeping requirements.
Effective between the dates of 11/05/2013 and 11/04/2018**

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

Item 142.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00008

Item 142.2:

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

Condition 143: Excess Emissions Report
Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 143.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00008

Item 143.2:

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

Condition 144: Facility files for subject sources.
Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 144.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00008

Item 144.2:

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

Condition 145: Performance testing timeline.
Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 145.1:

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This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00008

Item 145.2:

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

Condition 146: Performance Test Methods - Waiver EU Level
Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 146.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00008

Item 146.2:

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

Condition 147: Required performance test information.
Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 147.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00008

Item 147.2:

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

Condition 148: Prior notice.
Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 148.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00008

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Item 148.2:

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

Condition 149: Number of required tests.

Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 149.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00008

Item 149.2:

Each performance test shall consist of three separate runs, at the specified duration required in the applicable test method. Compliance with all applicable standards shall be determined by using the arithmetic means of the results of the three runs.

Condition 150: Availability of information.

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement:40CFR 60.9, NSPS Subpart A

Item 150.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00008

Item 150.2:

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

Condition 151: Opacity standard compliance testing.

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement:40CFR 60.11, NSPS Subpart A

Item 151.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00008

Item 151.2:

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

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

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

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

Condition 152: Circumvention.

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement:40CFR 60.12, NSPS Subpart A

Item 152.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00008

Item 152.2:

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

Condition 153: Monitoring requirements.

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement:40CFR 60.13, NSPS Subpart A

Item 153.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00008

Item 153.2:

All continuous monitoring systems and devices shall be installed, calibrated, maintained, and operated in accordance with the requirements of section 60.13.

Condition 154: Modifications.

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement:40CFR 60.14, NSPS Subpart A

Item 154.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00008

Item 154.2:

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

Condition 155: Sulfur dioxide standard.

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Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement:40CFR 60.42b(a), NSPS Subpart Db

Item 155.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00008

Item 155.2:

$$Es = (KaHa + KbHb)/(Ha + Hb)$$

Where: Es = sulfur dioxide
emission standard,

$$Ka = 1.2 \text{ lb/mmBtu,}$$

$$Kb = 0.8 \text{ lb/mmBtu,}$$

Ha = heat input coal
mmBtu,

Hb = heat input oil mmBtu
and 90% reduction in PTE.

Condition 156: Sulfur dioxide standard.

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement:40CFR 60.42b(c), NSPS Subpart Db

Item 156.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00008

Item 156.2:

Affected facilities shall achieve a
50% reduction in sulfur dioxide emissions,
and meet the following standard;

$$Es = (KcHc + KdHd)/(Hc + Hd):$$

Where: Es = Sulfur dioxide
standard,

$$Kc = 0.6 \text{ lb/mmBtu,}$$

$$Kd = 0.4 \text{ lb/mmBtu,}$$

Hc = heat input from coal,

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Hd = heat input from oil.

Condition 157: Demonstration criteria for low sulfur oil.

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.42b(j), NSPS Subpart Db

Item 157.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00008

Item 157.2:

Affected facilities which fire very low sulfur oil shall demonstrate that the oil meets the definition of very low sulfur oil by:

1) Following the performance testing procedures in subdivision 60.45b(c) or subdivision 60.45b(d) and following monitoring procedures in subdivision 60.47b(a) or in subdivision 60.47b(b) to determine SO₂ emission rate or fuel oil sulfur content; or

2) Maintaining fuel receipts as described in subdivision 60.49b(r).

Condition 158: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.42b(j)(2), NSPS Subpart Db

Item 158.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00008

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

Item 158.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Residual oil sulfur content limited in accordance with 40 CFR 60 Db 49b(r). But, 40 CFR 60.42b(j)(2), NSPS Subpart Db which limits the sulfur content in the residual oil to

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0.5 percent by weight is not applicable to this facility. This regulation is superceded by regulation 6 NYCRR 225-1.2(a)(2), which limits the sulfur content in the residual oil to 0.30 percent by weight for facilities in a severe ozone non-attainment area such as New York City.

New York Presbyterian Hospital must comply with the 0.30 percent by weight sulfur content limit as per 6 NYCRR 225-1.2(a)(2), which has more stringent limit for New York City than 40 CFR 60.42b(j)(2), NSPS Subpart Db or 40 CFR 60 Db 49b(r), NSPS Subpart Db. The facility is required to maintain a file of fuel receipts in accordance with 40 CFR 60.49b(r).

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NUMBER 6 OIL

Manufacturer Name/Model Number: BABCOCK & WILCOX/FM-2566

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.30 percent by weight

Monitoring Frequency: PER DELIVERY

Averaging Method: 30-DAY ROLLING AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

Condition 159: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.43b(b), NSPS Subpart Db

Item 159.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 002

Emission Source: 00008

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 159.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

On and after the date on which the performance test is completed or required to be completed under 40 CFR 60.8, whichever date comes first, no owner or operator of an affected facility that combusts oil (or mixtures of oil with other fuels) and uses a conventional or emerging technology to reduce sulfur dioxide emissions shall cause

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to be discharged into the atmosphere from that affected facility any gases that contain particulate matter in excess of 0.10 lb/million BTU heat input

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.10 pounds per million Btus

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 160: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.43b(f), NSPS Subpart Db

Item 160.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 002

Emission Source: 00008

Regulated Contaminant(s):

CAS No: 00Y075-00-0 PARTICULATES

Item 160.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The owner or operator shall not cause to be discharged into the atmosphere any gases that exhibit greater than 20 percent opacity (6 minute average), except for one 6-minute period per hour of not more than 27 percent opacity.

Parameter Monitored: OPACITY

Upper Permit Limit: 27 percent

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 1/30/2014.

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

Condition 161: Particulate matter and opacity exemption.

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.43b(g), NSPS Subpart Db

Item 161.1:

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

Process: 002

Emission Source: 00008

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Facility DEC ID: 2620100005



Item 161.2:

The particulate matter and opacity standards shall apply at all times, except during periods of startup, shutdown, or malfunction.

Condition 162: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.44b(a)(1), NSPS Subpart Db

Item 162.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 002

Emission Source: 00008

Regulated Contaminant(s):

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

Item 162.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Oxides of nitrogen standard for industrial/commercial/institutional steam generating units.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.30 pounds per million Btus

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

Condition 163: Standard for oxides of nitrogen.

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.44b(a)(2), NSPS Subpart Db

Item 163.1:

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

Process: 002

Emission Source: 00008

Item 163.2:

Oxides of nitrogen emissions while firing residual oil in low heat release rate units shall not exceed 0.30 lb/mmBtu.

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Condition 164: **Applicability of oxides of nitrogen standard.**
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.44b(h), NSPS Subpart Db

Item 164.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00008

Item 164.2:

The emissions standard for oxides of nitrogen shall apply at all times including periods of startup, shutdown, and malfunction.

Condition 165: Averaging period.
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.44b(i), NSPS Subpart Db

Item 165.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00008

Item 165.2:

Except as noted in paragraph (j) of this section, compliance with the emission limits shall be determined on a 30 day rolling average basis.

Condition 166: Compliance Certification
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.44b(j), NSPS Subpart Db

Item 166.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00008

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

Item 166.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Compliance with the emission limits under this section is determined on a 24-hour average basis for the initial

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performance test and on a 3-hour average basis for subsequent performance tests for any affected facilities that:

- (1) Combust alone or in combination, only natural gas, distillate oil, or residual oil with a nitrogen content of 0.30 weight percent or less;
- (2) Have a combined annual capacity factor of 10 percent or less for natural gas, distillate oil, and residual oil with a nitrogen content of 0.30 weight percent or less; and
- (3) Are subject to a Federally enforceable requirement limiting operation of the affected facility to the firing of natural gas, distillate oil, and/or residual oil with a nitrogen content of 0.30 weight percent or less and limiting operation of the affected facility to a combined annual capacity factor of 10 percent or less for natural gas, distillate oil, and residual oil and nitrogen content of 0.30 weight percent or less.

Manufacturer Name/Model Number: BABCOCK & WILCOX/FM-2566

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

Condition 167: Compliance Certification
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.44b(k), NSPS Subpart Db

Item 167.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 002

Emission Source: 00008

Regulated Contaminant(s):

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

Item 167.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Affected facilities that meet the criteria described in paragraphs (j)(1), (2), and (3) of this section and that have a heat input capacity of 250 MM Btu/hr or less, are

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not subject to the nitrogen oxides emission limits under this section.

Manufacturer Name/Model Number: BABCOCK & WILCOX/FM-2566
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2014.
Subsequent reports are due every 6 calendar month(s).

Condition 168: Compliance Certification
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.45b(j), NSPS Subpart Db

Item 168.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001
Process: 002

Emission Point: 00001
Emission Source: 00008

Item 168.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an affected facility that combusts very low sulfur oil is not subject to the compliance and performance testing requirements of this section if the owner or operator obtains fuel receipts as described in §60.49b(r).

Monitoring Frequency: PER DELIVERY
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2014.
Subsequent reports are due every 3 calendar month(s).

Condition 169: Compliance and performance methods for oxides of nitrogen and particulate matter.
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.46b, NSPS Subpart Db

Item 169.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00008

Item 169.2:

Compliance with both the oxides of nitrogen and particulate matter standards shall be determined using the methods specified in section 40 CFR 60-Db.46b.

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Condition 170: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.46b(e), NSPS Subpart Db

Item 170.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 002

Emission Source: 00008

Regulated Contaminant(s):

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

Item 170.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

To determine compliance with the emission limits for nitrogen oxides required under 40 CFR 60-Db.44b, the owner or operator of an affected facility shall conduct the performance test as required under 40 CFR 60.8 using the continuous system for monitoring nitrogen oxides under 40 CFR 60.48(b).

Manufacturer Name/Model Number: BABCOCK & WILCOX/FM-2566

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.30 pounds per million Btus

Reference Test Method: 40 CFR Part 60, Appendix A, Method 20

Monitoring Frequency: CONTINUOUS

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

Subsequent reports are due every 3 calendar month(s).

Condition 171: Alternative sulfur dioxide monitoring method.

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.47b(f), NSPS Subpart Db

Item 171.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00008

Item 171.2:

Facilities which combust very low sulfur oil are not subject to the requirements of section 40 CFR 60-Db.47b if fuel receipts are

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obtained in accordance with subdivision 40
CFR 60-Db.49b(r).

Condition 172: Compliance Certification
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.47b(f), NSPS Subpart Db

Item 172.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001	Emission Point: 00001
Process: 002	Emission Source: 00008

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

Item 172.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

Facilities which combust very low sulfur oil are not subject to the requirements of section 40 CFR 60-Db.47b if fuel receipts are obtained in accordance with subdivision 40 CFR 60-Db.49b(r).

Very low sulfur oil means an oil that contains no more than 0.5 weight percent sulfur or that, when combusted without sulfur dioxide emission control, has a sulfur dioxide emission rate equal to or less than 215 ng/J (0.5 lb/million Btu) heat input.

Facilities demonstrating compliance using the fuel supplier certification, for sulfur-in-fuel limitations (based on a percent by weight of sulfur in the fuel), shall submit the certification in accordance with the provisions of 40 CFR 60-Db.47b.

40 CFR 60-Db.47b(f), NSPS which limits the sulfur content in the residual oil to 0.5 percent by weight is not applicable to this facility. This regulation is superceded by regulation 6 NYCRR 225-1.2(a)(2), which limits the sulfur content in the residual oil to 0.30 percent by weight for facilities in a severe ozone non-attainment area such as New York City.

New York Presbyterian Hospital must comply with the 0.30 percent by weight sulfur content limit as per 6 NYCRR 225-1.2(a)(2), which has more stringent limit for New York

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City than 40 CFR 60-Db.47b(f), NSPS. Records of fuel receipts in accordance with 40 CFR 60.49b(r), indicating fuel sulfur content, are to be maintained on file to determine compliance.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NUMBER 6 OIL

Manufacturer Name/Model Number: BABCOCK & WILCOX/FM-2566

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.30 percent by weight

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

Condition 173: Compliance Certification
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.48b(a), NSPS Subpart Db

Item 173.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 002

Emission Source: 00008

Regulated Contaminant(s):

CAS No: 000000-00-0 PARTICULATES

Item 173.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The owner or operator of facilities subject to section 40 CFR 60-Db.43b opacity standard must install, calibrate, maintain, and operate a continuous monitoring system for measuring the opacity of emissions discharged to the atmosphere and record the output of the system.

Manufacturer Name/Model Number: COMS

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Monitoring Frequency: CONTINUOUS

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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Subsequent reports are due every 3 calendar month(s).

Condition 174: Compliance Certification
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.48b(b), NSPS Subpart Db

Item 174.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 002

Emission Source: 00008

Regulated Contaminant(s):

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

Item 174.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The owner or operator of facilities subject to section 40 CFR 60-Db.44b shall install, calibrate, maintain, operate a continuous monitoring system for measuring nitrogen oxides emissions discharged to the atmosphere and record the output of the CEM system.

Manufacturer Name/Model Number: CEMS for BABCOCK & WILCOX/FM-2566

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.30 pounds per million Btus

Reference Test Method: Method 7, 7E or 19

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

Subsequent reports are due every 3 calendar month(s).

Condition 175: Use of alternative methods for measuring NOx during CEMS downtime

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.48b(f), NSPS Subpart Db

Item 175.1:

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

Process: 002

Emission Source: 00008

Item 175.2:

When nitrogen oxides emission data are not obtained because of continuous monitoring system breakdowns, repairs, calibration checks, and zero and span adjustments, emission data will be obtained by using standby monitoring systems, Method 7, Method 7A, or other approved

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reference methods to provide emission data for a minimum of 75 percent of the operating hours in each steam generating unit operating day, in at least 22 out of 30 successive steam generating unit operating days.

Condition 176: Compliance Certification
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.49b(a), NSPS Subpart Db

Item 176.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001
Process: 002

Emission Point: 00001
Emission Source: 00008

Item 176.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility shall submit notification of the date of initial startup, as provided by 40 CFR Part 60.7. This notification shall include:

(1) The design heat input capacity of the affected facility and identification of the fuels to be combusted in the affected facility,

(2) If applicable, a copy of any Federally enforceable requirement that limits the annual capacity factor for any fuel or mixture of fuels under 40 CFR Part 60.42b(d)(1), 60.43b(a)(2), (a)(3)(iii), (c)(2)(ii), (d)(2)(iii), 60.44b(c), (d), (e), (i), (j), (k), 60.45b(d), (g), 60.46b(h), or 60.48b(i),

(3) The annual capacity factor at which the owner or operator anticipates operating the facility based on all fuels fired and based on each individual fuel fired, and,

(4) Notification that an emerging technology will be used for controlling emissions of sulfur dioxide. The Administrator will examine the description of the emerging technology and will determine whether the technology qualifies as an emerging technology. In making this determination, the Administrator may require the owner or operator of the affected facility to submit additional information concerning the control device. The affected facility is subject to the provisions of 40 CFR Part 60.42b(a) unless and until this determination is made by

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the Administrator.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 177: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement:40CFR 60.49b(b), NSPS Subpart Db

Item 177.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 002

Emission Source: 00008

Item 177.2:

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 sulfur dioxide, particulate matter, and/or nitrogen oxides emission limits under 40 CFR Part 60.42b, 60.43b, and 60.44b shall submit to the Administrator the performance test data from the initial performance test and the performance evaluation of the CEMS using the applicable performance specifications in appendix B. The owner or operator of each affected facility described in 40 CFR 60-Db.44b(j) or 40 CFR 60-44b(k) shall submit to the Administrator the maximum heat input capacity data from the demonstration of the maximum heat input capacity of the affected facility.

Manufacturer Name/Model Number: BABCOCK & WILCOX/FM-2566

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 178: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement:40CFR 60.49b(b), NSPS Subpart Db

Item 178.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 002

Emission Source: 00008

Item 178.2:

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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 sulfur dioxide, particulate matter, and/or nitrogen oxides emission limits under 40 CFR Part 60.42b, 60.43b, and 60.44b shall submit to the Administrator the performance test data from the initial performance test and the performance evaluation of the CEMS using the applicable performance specifications in appendix B.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 179: Compliance Certification
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.49b(e), NSPS Subpart Db

Item 179.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 002

Emission Source: 00008

Regulated Contaminant(s):

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

Item 179.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

ASTM Method D-5762 or D3431-80 or per fuel suppliers will be used to determine fuel bound nitrogen content of the residual oil combusted in the new 137.8 MM Btu/hr boiler (Emission Source S0008), and calculate the average fuel nitrogen content on a per calendar quarter basis.

For an affected facility that combusts residual oil and meets the criteria under 40 CFR 60-Db.46b(e), 40 CFR 60-Db.44b(j), or (k), the owner or operator shall maintain records of the nitrogen content of the residual oil combusted in the affected facility and calculate the average fuel nitrogen content on a per calendar quarter basis.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NUMBER 6 OIL

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Manufacturer Name/Model Number: BABCOCK & WILCOX/FM-2566
Parameter Monitored: NITROGEN CONTENT
Upper Permit Limit: 0.3 percent by weight
Reference Test Method: ASTM Method D-3228 or D3431-80
Monitoring Frequency: PER DELIVERY
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

Subsequent reports are due every 3 calendar month(s).

Condition 180: Compliance Certification
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.49b(f), NSPS Subpart Db

Item 180.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 002

Emission Source: 00008

Regulated Contaminant(s):

CAS No: 00NY075-00-0 PARTICULATES

Item 180.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall maintain records of opacity measurements made by the monitoring system required under 40CFR60.48b(a).

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

Condition 181: Compliance Certification
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.49b(g), NSPS Subpart Db

Item 181.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 002

Emission Source: 00008

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Regulated Contaminant(s):

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

Item 181.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall maintain records of the following information for each steam generating unit operating day:

- 1) Calendar date.
- 2) The average hourly nitrogen oxides emission rates (expressed as NO₂) (ng/J or lb/million Btu heat input) measured or predicted.
- 3) The 30-day average nitrogen oxides emission rates (ng/J or lb/million Btu heat input) calculated at the end of each steam generating unit operating day from the measured or predicted hourly nitrogen oxide emission rates for the preceeding 30 steam generating unit operating days.
- 4) Identification of the steam generating unit operating days when the calculated 30-day average nitrogen oxides emission rates are in excess of the nitrogen oxides emission standards under 40CFR60.44b, with the reasons for such excess emissions as well as a description of corrective actions taken.
- 5) Identification of the steam generating unit operating days for which pollutant data have not been obtained, including reasons for not obtaining sufficient data and a description of corrective actions taken.
- 6) Identification of the times when emission data have been excluded from the calculation of average emission rates and the reasons for excluding data.
- 7) Identification of the "F" factor used for calculations, method of determination, and type of fuel combusted.
- 8) Identification of the times when the pollutant concentration exceeded the full span of the continuous monitoring system.
- 9) Description of any modifications to the continuous monitoring system that could affect the ability of the system to comply with Performance Specification 2 or 3.
- 10) Results of daily CEMS drift tests and quarterly accuracy assessments as required under 40CFR60 Appendix F, Procedure 1.

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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The initial report is due 1/30/2014.
Subsequent reports are due every 6 calendar month(s).

Condition 182: Compliance Certification
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.49b(h), NSPS Subpart Db

Item 182.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001
Process: 002

Emission Point: 00001
Emission Source: 00008

Item 182.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall submit semiannual excess emission reports for opacity and/or, oxides of nitrogen, and/or sulfur dioxide any reporting period during which there are excess emissions from the affected facility. If there are no excess emissions during the reporting period, the owner or operator shall submit a report semiannually stating that no excess emissions occurred during that semiannual reporting period.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

Condition 183: Compliance Certification
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.49b(i), NSPS Subpart Db

Item 183.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001
Process: 002

Emission Point: 00001
Emission Source: 00008

Regulated Contaminant(s):

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

Item 183.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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The owner or operator of any affected facility subject to the continuous monitoring requirements for nitrogen oxides under §60.48b shall submit reports containing the information recorded under 40CFR60.49b(g). All reports shall be postmarked by the 30th day following the end of each semiannual period.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

Condition 184: Compliance Certification
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement:40CFR 60.49b(j), NSPS Subpart Db

Item 184.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 002

Emission Source: 00008

Item 184.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an affected facility subject to the sulfur dioxide standards under 60.42b shall submit written reports to the Administrator for every semiannual reporting period. All reports shall be postmarked by the 30th day following the end of each semiannual reporting period.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

Condition 185: Records Retention
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement:40CFR 60.49b(o), NSPS Subpart Db

Item 185.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00008

Item 185.2:

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Facility DEC ID: 2620100005



All records required under this section shall be maintained by the owner or operator of the affected facility for a period of 2 years following the date of such record.

Condition 186: Compliance Certification
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.49b(r), NSPS Subpart Db

Item 186.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00008

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

Item 186.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator who elects to demonstrate that the affected facility combusts only very low sulfur oil shall obtain and maintain at the facility fuel receipts from the fuel supplier which certify that the oil meets the definition of distillate oil as defined 40CFR60.41b. For the purposes of this requirement, the oil need not meet the fuel nitrogen content specification in the definition of distillate oil. Semiannual reports shall be submitted to the Administrator certifying that only very low sulfur oil was combusted in the affected facility during the preceding semiannual period.

Monitoring Frequency: PER DELIVERY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

Condition 187: Compliance Certification
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 6 NYCRR 227-2.4 (b) (1) (i)

Item 187.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: S0009

Regulated Contaminant(s):

New York State Department of Environmental Conservation

Permit ID: 2-6201-00005/00007

Facility DEC ID: 2620100005



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

Item 187.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

This condition applies to natural gas/oil fired large boilers and is applicable until June 30th 2014. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.

The owner or operator will maintain records on-site for a minimum of five years.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.30 pounds per million Btus

Reference Test Method: 40 CFR 60 Appendix A - Method 7, 7E, 19

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 60 days after the reporting period.

The initial report is due 3/1/2014.

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

Condition 188: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 188.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 002

Emission Source: S0009

Regulated Contaminant(s):

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

Item 188.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The following unit shall perform testing to verify NOx emissions to demonstrate compliance with this part.

The owner/operator of large boilers (between 100 and 250 MM Btu/hr) shall measure NOx emissions by performing stack tests described in subdivision (c) of this section.

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The NOX RACT for large boilers (between 100 and 250 MM Btu/hr) operating on gas have a limit of 0.20 pounds per million Btus and those operating on gas/oil have a limit of 0.30 pounds per million Btus.

Stack test requirements: The owner/operator of those facilities required to stack test under subdivision (a) of 6NYCRR 227-2.6 shall:

1. Submit a compliance test protocol to the department for approval at least 90 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_x limit in section 227-2.4 of this Subpart, and shall follow the procedures set forth in Part 202 of this Title.
 - i. For large (between 100 and 250 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.

This 137.8 MM Btu/hr Babcock & Wilcox/FM-2566 (Emission Source S0009) is subject to CEMS NO_x by utilizing Continuous Emission Monitoring Systems (CEMS) under the provisions of section 227-2.6(a)(2) of this Subpart.

Manufacturer Name/Model Number: CEMS NO_x for BABCOCK & WILCOX/FM-2566

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.30 pounds per million Btus

Reference Test Method: Method 7, 7E or 19

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST

METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 189: Applicability of General Provisions of 40 CFR 60 Subpart A
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60, NSPS Subpart A

Item 189.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: S0009

Item 189.2:

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Facility DEC ID: 2620100005

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 190: EPA Region 2 address.

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.4, NSPS Subpart A

Item 190.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: S0009

Item 190.2:

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

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

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

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

Condition 191: Date of construction notification - If a COM is not used.

Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 191.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: S0009

Item 191.2:

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

- 1) a notification of the date construction or reconstruction commenced, post marked no later than 30 days after such date;

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3) a notification of the actual date of initial start up, post marked within 15 days after such date;

4) a notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless the change is specifically exempted under this part. The notice shall be post marked 60 days or as soon as practicable before the change is commenced and shall include information describing the precise nature of the change, present and proposed emission control systems, productive capability of the facility before and after the change, and the expected completion date of the change. The Administrator may request additional information regarding the change;

5) a notification of the date upon which the demonstration of continuous monitoring system performance commences, post marked not less than 30 days prior to such date;

6) a notification of the anticipated date for conducting the opacity observations, post marked not less than 30 days prior to such date.

Condition 192: Recordkeeping requirements.

Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 192.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: S0009

Item 192.2:

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

Condition 193: Excess Emissions Report

Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 193.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: S0009

Item 193.2:

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

Condition 194: Facility files for subject sources.

Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 194.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: S0009

Item 194.2:

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

Condition 195: Performance testing timeline.
Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 195.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: S0009

Item 195.2:

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

Condition 196: Performance Test Methods - Waiver EU Level
Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 196.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: S0009

Item 196.2:

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

Condition 197: Required performance test information.

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Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 197.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: S0009

Item 197.2:

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

Condition 198: Prior notice.

Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 198.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: S0009

Item 198.2:

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

Condition 199: Number of required tests.

Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 199.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: S0009

Item 199.2:

Each performance test shall consist of three separate runs, at the specified duration required in the applicable test method. Compliance with all applicable standards shall be determined by using the arithmetic means of the results of the three runs.

Condition 200: Availability of information.

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement:40CFR 60.9, NSPS Subpart A

Item 200.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: S0009

Item 200.2:

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

Condition 201: Opacity standard compliance testing.

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.11, NSPS Subpart A

Item 201.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: S0009

Item 201.2:

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

- 1) observations shall be conducted in accordance with Reference Method 9, in Appendix A or this Part 40 CFR 60(or an equivalent method approved by the Administrator including continuous opacity monitors);
- 2) the opacity standards apply at all times except during periods of start up, shutdown, and malfunction; and
- 3) all other applicable conditions cited in section 60.11 of this part.

Condition 202: Circumvention.

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.12, NSPS Subpart A

Item 202.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: S0009

Item 202.2:

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

Condition 203: Monitoring requirements.

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.13, NSPS Subpart A

Item 203.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: S0009

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Item 203.2:

All continuous monitoring systems and devices shall be installed, calibrated, maintained, and operated in accordance with the requirements of section 60.13.

Condition 204: Modifications.

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement:40CFR 60.14, NSPS Subpart A

Item 204.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: S0009

Item 204.2:

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

Condition 205: Sulfur dioxide standard.

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement:40CFR 60.42b(a), NSPS Subpart Db

Item 205.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: S0009

Item 205.2:

$$Es = (KaHa + KbHb)/(Ha + Hb)$$

Where: Es = sulfur dioxide
emission standard,

$$Ka = 1.2 \text{ lb/mmBtu,}$$

$$Kb = 0.8 \text{ lb/mmBtu,}$$

Ha = heat input coal
mmBtu,

Hb = heat input oil mmBtu
and 90% reduction in PTE.

Condition 206: Sulfur dioxide standard.

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement:40CFR 60.42b(c), NSPS Subpart Db

Item 206.1:

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This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: S0009

Item 206.2:

Affected facilities shall achieve a 50% reduction in sulfur dioxide emissions, and meet the following standard;

$$Es = (KcHc + KdHd)/(Hc + Hd):$$

Where: Es = Sulfur dioxide standard,

$$Kc = 0.6 \text{ lb/mmBtu,}$$

$$Kd = 0.4 \text{ lb/mmBtu,}$$

Hc = heat input from coal,

Hd = heat input from oil.

Condition 207: Demonstration criteria for low sulfur oil.
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.42b(j), NSPS Subpart Db

Item 207.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: S0009

Item 207.2:

Affected facilities which fire very low sulfur oil shall demonstrate that the oil meets the definition of very low sulfur oil by:

1) Following the performance testing procedures in subdivision 60.45b(c) or subdivision 60.45b(d) and following monitoring procedures in subdivision 60.47b(a) or in subdivision 60.47b(b) to determine SO₂ emission rate or fuel oil sulfur content; or

2) Maintaining fuel receipts as described in subdivision 60.49b(r).

Condition 208: Compliance Certification
Effective between the dates of 11/05/2013 and 11/04/2018

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Permit ID: 2-6201-00005/00007

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Applicable Federal Requirement: 40CFR 60.42b(j)(2), NSPS Subpart Db

Item 208.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 002

Emission Source: S0009

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 208.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Residual oil sulfur content limited in accordance with 40 CFR 60 Db 49b(r). But, 40 CFR 60.42b(j)(2), NSPS Subpart Db which limits the sulfur content in the residual oil to 0.5 percent by weight is not applicable to this facility. This regulation is superceded by regulation 6 NYCRR 225-1.2(a)(2), which limits the sulfur content in the residual oil to 0.30 percent by weight for facilities in a severe ozone non-attainment area such as New York City.

New York Presbyterian Hospital must comply with the 0.30 percent by weight sulfur content limit as per 6 NYCRR 225-1.2(a)(2), which has more stringent limit for New York City than 40 CFR 60.42b(j)(2), NSPS Subpart Db or 40 CFR 60 Db 49b(r), NSPS Subpart Db. The facility is required to maintain a file of fuel receipts in accordance with 40 CFR 60.49b(r).

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NUMBER 6 OIL

Manufacturer Name/Model Number: BABCOCK & WILCOX/FM-2566

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.30 percent by weight

Monitoring Frequency: PER DELIVERY

Averaging Method: 3- DAY, 24-HOUR ROLLING AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

Condition 209: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.43b(b), NSPS Subpart Db

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Item 209.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001
Process: 002

Emission Point: 00001
Emission Source: S0009

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

Item 209.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

On and after the date on which the performance test is completed or required to be completed under 40 CFR 60.8, whichever date comes first, no owner or operator of an affected facility that combusts oil (or mixtures of oil with other fuels) and uses a conventional or emerging technology to reduce sulfur dioxide emissions shall cause to be discharged into the atmosphere from that affected facility any gases that contain particulate matter in excess of 0.10 lb/million BTU heat input

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.10 pounds per million Btus

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 210: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.43b(f), NSPS Subpart Db

Item 210.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001
Process: 002

Emission Point: 00001
Emission Source: S0009

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

Item 210.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The owner or operator shall not cause to be discharged into the atmosphere any gases that exhibit greater than 20 percent opacity (6 minute average), except for one

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6-minute period per hour of not more than 27 percent opacity.

Parameter Monitored: OPACITY
Upper Permit Limit: 27 percent
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 1/30/2014.
Subsequent reports are due every 6 calendar month(s).

Condition 211: Particulate matter and opacity exemption.
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.43b(g), NSPS Subpart Db

Item 211.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: S0009

Item 211.2:

The particulate matter and opacity standards shall apply at all times, except during periods of startup, shutdown, or malfunction.

Condition 212: Compliance Certification
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.44b(a)(1), NSPS Subpart Db

Item 212.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: S0009

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

Item 212.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
Monitoring Description:
Oxides of nitrogen standard for industrial/commercial/institutional stream generating units.

Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 0.30 pounds per million Btus

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Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2014.
Subsequent reports are due every 6 calendar month(s).

Condition 213: Standard for oxides of nitrogen.
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.44b(a)(2), NSPS Subpart Db

Item 213.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: S0009

Item 213.2:

Oxides of nitrogen emissions while firing
residual oil in low heat release rate units shall
not exceed 0.30 lb/mmBtu.

Condition 214: Applicability of oxides of nitrogen standard.
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.44b(h), NSPS Subpart Db

Item 214.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: S0009

Item 214.2:

The emissions standard for oxides of nitrogen
shall apply at all times including periods of
startup, shutdown, and malfunction.

Condition 215: Averaging period.
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.44b(i), NSPS Subpart Db

Item 215.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: S0009

Item 215.2:

Except as noted in paragraph (j) of this
section, compliance with the emission limits
shall be determined on a 30 day rolling
average basis.

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Condition 216: Compliance Certification
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.44b(j), NSPS Subpart Db

Item 216.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 002

Emission Source: S0009

Regulated Contaminant(s):

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

Item 216.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Compliance with the emission limits under this section is determined on a 24-hour average basis for the initial performance test and on a 3-hour average basis for subsequent performance tests for any affected facilities that:

(1) Combust alone or in combination, only natural gas, distillate oil, or residual oil with a nitrogen content of 0.30 weight percent or less;

(2) Have a combined annual capacity factor of 10 percent or less for natural gas, distillate oil, and residual oil with a nitrogen content of 0.30 weight percent or less; and

(3) Are subject to a Federally enforceable requirement limiting operation of the affected facility to the firing of natural gas, distillate oil, and/or residual oil with a nitrogen content of 0.30 weight percent or less and limiting operation of the affected facility to a combined annual capacity factor of 10 percent or less for natural gas, distillate oil, and residual oil and nitrogen content of 0.30 weight percent or less.

Manufacturer Name/Model Number: BABCOCK & WILCOX/FM-2566

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

Condition 217: Compliance Certification

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Facility DEC ID: 2620100005



Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement:40CFR 60.44b(k), NSPS Subpart Db

Item 217.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001
Process: 002

Emission Point: 00001
Emission Source: S0009

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

Item 217.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Affected facilities that meet the criteria described in paragraphs (j)(1), (2), and (3) of this section and that have a heat input capacity of 250 MM Btu/hr or less, are not subject to the nitrogen oxides emission limits under this section.

Manufacturer Name/Model Number: BABCOCK & WILCOX/FM-2566

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

Condition 218: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement:40CFR 60.45b(j), NSPS Subpart Db

Item 218.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001
Process: 002

Emission Point: 00001
Emission Source: S0009

Item 218.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an affected facility that combusts very low sulfur oil is not subject to the compliance and performance testing requirements of this section if the owner or operator obtains fuel receipts as

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described in §60.49b(r).

Monitoring Frequency: PER DELIVERY
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2014.
Subsequent reports are due every 3 calendar month(s).

Condition 219: Compliance and performance methods for oxides of nitrogen and particulate matter.

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.46b, NSPS Subpart Db

Item 219.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: S0009

Item 219.2:

Compliance with both the oxides of nitrogen and particulate matter standards shall be determined using the methods specified in section 40 CFR 60-Db.46b.

Condition 220: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.46b(e), NSPS Subpart Db

Item 220.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: S0009

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

Item 220.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

To determine compliance with the emission limits for nitrogen oxides required under 40 CFR 60-Db.44b, the owner or operator of an affected facility shall conduct the performance test as required under 40 CFR 60.8 using the continuous system for monitoring nitrogen oxides under 40 CFR 60.48(b).

Manufacturer Name/Model Number: CEMS for BABCOCK & WILCOX/FM-2566

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.30 pounds per million Btus

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Reference Test Method: 40 CFR Part 60, Appendix A, Method 20
Monitoring Frequency: CONTINUOUS
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2014.
Subsequent reports are due every 3 calendar month(s).

Condition 221: Alternative sulfur dioxide monitoring method.
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.47b(f), NSPS Subpart Db

Item 221.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: S0009

Item 221.2:

Facilities which combust very low sulfur oil
are not subject to the requirements of section
40 CFR 60-Db.47b if fuel receipts are
obtained in accordance with subdivision 40
CFR 60-Db.49b(r).

Condition 222: Compliance Certification
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.47b(f), NSPS Subpart Db

Item 222.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: S0009

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

Item 222.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

Facilities which combust very low sulfur oil are not
subject to the requirements of section 40 CFR 60-Db.47b if
fuel receipts are obtained in accordance with subdivision
40 CFR 60-Db.49b(r).

Very low sulfur oil means an oil that contains no more

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than 0.5 weight percent sulfur or that, when combusted without sulfur dioxide emission control, has a sulfur dioxide emission rate equal to or less than 215 ng/J (0.5 lb/million Btu) heat input.

Facilities demonstrating compliance using the fuel supplier certification, for sulfur-in-fuel limitations (based on a percent by weight of sulfur in the fuel), shall submit the certification in accordance with the provisions of 40 CFR 60-Db.47b.

40 CFR 60-Db.47b(f), NSPS which limits the sulfur content in the residual oil to 0.5 percent by weight is not applicable to this facility. This regulation is superceded by regulation 6 NYCRR 225-1.2(a)(2), which limits the sulfur content in the residual oil to 0.30 percent by weight for facilities in a severe ozone non-attainment area such as New York City.

New York Presbyterian Hospital must comply with the 0.30 percent by weight sulfur content limit as per 6 NYCRR 225-1.2(a)(2), which has more stringent limit for New York City than 40 CFR 60-Db.47b(f), NSPS. Records of fuel receipts in accordance with 40 CFR 60.49b(r), indicating fuel sulfur content, are to be maintained on file to determine compliance.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NUMBER 6 OIL

Manufacturer Name/Model Number: BABCOCK & WILCOX/FM-2566

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.30 percent by weight

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

Condition 223: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.48b(a), NSPS Subpart Db

Item 223.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 002

Emission Source: S0009

Regulated Contaminant(s):

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CAS No: 0NY075-00-0 PARTICULATES

Item 223.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The owner or operator of facilities subject to section 40 CFR 60-Db.43b opacity standard must install, calibrate, maintain, and operate a continuous monitoring system for measuring the opacity of emissions discharged to the atmosphere and record the output of the system.

Manufacturer Name/Model Number: COMS

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Monitoring Frequency: CONTINUOUS

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

Subsequent reports are due every 3 calendar month(s).

Condition 224: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.48b(b), NSPS Subpart Db

Item 224.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 002

Emission Source: S0009

Regulated Contaminant(s):

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

Item 224.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The owner or operator of facilities subject to section 40 CFR 60-Db.44b shall install, calibrate, maintain, operate a continuous monitoring system for measuring nitrogen oxides emissions discharged to the atmosphere and record the output of the CEM system.

Manufacturer Name/Model Number: CEMS for BABCOCK & WILCOX/FM-2566

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.30 pounds per million Btus

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Reference Test Method: Method 7, 7E or 19
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2014.
Subsequent reports are due every 3 calendar month(s).

Condition 225: Use of alternative methods for measuring NOx during CEMS downtime

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.48b(f), NSPS Subpart Db

Item 225.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: S0009

Item 225.2:

When nitrogen oxides emission data are not obtained because of continuous monitoring system breakdowns, repairs, calibration checks, and zero and span adjustments, emission data will be obtained by using standby monitoring systems, Method 7, Method 7A, or other approved reference methods to provide emission data for a minimum of 75 percent of the operating hours in each steam generating unit operating day, in at least 22 out of 30 successive steam generating unit operating days.

Condition 226: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.49b(a), NSPS Subpart Db

Item 226.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: S0009

Item 226.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility shall submit notification of the date of initial startup, as provided by 40 CFR Part 60.7. This notification shall include:

(1) The design heat input capacity of the affected facility and identification of the fuels to be combusted in the affected facility,

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(2) If applicable, a copy of any Federally enforceable requirement that limits the annual capacity factor for any fuel or mixture of fuels under 40 CFR Part 60.42b(d)(1), 60.43b(a)(2), (a)(3)(iii), (c)(2)(ii), (d)(2)(iii), 60.44b(c), (d), (e), (i), (j), (k), 60.45b(d), (g), 60.46b(h), or 60.48b(i),

(3) The annual capacity factor at which the owner or operator anticipates operating the facility based on all fuels fired and based on each individual fuel fired, and,

(4) Notification that an emerging technology will be used for controlling emissions of sulfur dioxide. The Administrator will examine the description of the emerging technology and will determine whether the technology qualifies as an emerging technology. In making this determination, the Administrator may require the owner or operator of the affected facility to submit additional information concerning the control device. The affected facility is subject to the provisions of 40 CFR Part 60.42b(a) unless and until this determination is made by the Administrator.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 227: Compliance Certification
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.49b(b), NSPS Subpart Db

Item 227.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001
Process: 002

Emission Point: 00001
Emission Source: S0009

Item 227.2:

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 sulfur dioxide, particulate matter, and/or nitrogen oxides emission limits under 40 CFR Part 60.42b, 60.43b, and 60.44b shall submit to the Administrator the performance test data from the initial performance test and the performance evaluation of the CEMS using the applicable performance specifications in appendix B. The

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owner or operator of each affected facility described in 40 CFR 60-Db.44b(j) or 40 CFR 60-44b(k) shall submit to the Administrator the maximum heat input capacity data from the demonstration of the maximum heat input capacity of the affected facility.

Manufacturer Name/Model Number: BABCOCK & WILCOX/FM-2566

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 228: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.49b(b), NSPS Subpart Db

Item 228.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 002

Emission Source: S0009

Item 228.2:

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 sulfur dioxide, particulate matter, and/or nitrogen oxides emission limits under 40 CFR Part 60.42b, 60.43b, and 60.44b shall submit to the Administrator the performance test data from the initial performance test and the performance evaluation of the CEMS using the applicable performance specifications in appendix B.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 229: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.49b(e), NSPS Subpart Db

Item 229.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 002

Emission Source: S0009

Regulated Contaminant(s):

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

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Item 229.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

ASTM Method D-5762 or D3431-80 or per fuel suppliers will be used to determine fuel bound nitrogen content of the residual oil combusted in the new 137.8 MM Btu/hr boiler (Emission Source 00009), and calculate the average fuel nitrogen content on a per calendar quarter basis.

For an affected facility that combusts residual oil and meets the criteria under 40 CFR 60-Db.46b(e), 40 CFR 60-Db.44b(j), or (k), the owner or operator shall maintain records of the nitrogen content of the residual oil combusted in the affected facility and calculate the average fuel nitrogen content on a per calendar quarter basis.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NUMBER 6 OIL

Manufacturer Name/Model Number: BABCOCK & WILCOX/FM-2566

Parameter Monitored: NITROGEN CONTENT

Upper Permit Limit: 0.3 percent by weight

Reference Test Method: ASTM Method D-5762 or D-3228 or D3431-80

Monitoring Frequency: PER DELIVERY

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

Subsequent reports are due every 3 calendar month(s).

Condition 230: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.49b(f), NSPS Subpart Db

Item 230.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 002

Emission Source: S0009

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 230.2:

Compliance Certification shall include the following monitoring:

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Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall maintain records of opacity measurements made by the monitoring system required under 40CFR60.48b(a).

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

Condition 231: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.49b(g), NSPS Subpart Db

Item 231.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 002

Emission Source: S0009

Regulated Contaminant(s):

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

Item 231.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall maintain records of the following information for each steam generating unit operating day:

- 1) Calendar date.
- 2) The average hourly nitrogen oxides emission rates (expressed as NO₂) (ng/J or lb/million Btu heat input) measured or predicted.
- 3) The 30-day average nitrogen oxides emission rates (ng/J or lb/million Btu heat input) calculated at the end of each steam generating unit operating day from the measured or predicted hourly nitrogen oxide emission rates for the preceeding 30 steam generating unit operating days.
- 4) Identification of the steam generating unit operating days when the calculated 30-day average nitrogen oxides emission rates are in excess of the nitrogen oxides emission standards under 40CFR60.44b, with the reasons for such excess emissions as well as a description of corrective actions taken.
- 5) Identification of the steam generating unit operating

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- days for which pollutant data have not been obtained, including reasons for not obtaining sufficient data and a description of corrective actions taken.
- 6) Identification of the times when emission data have been excluded from the calculation of average emission rates and the reasons for excluding data.
 - 7) Identification of the "F" factor used for calculations, method of determination, and type of fuel combusted.
 - 8) Identification of the times when the pollutant concentration exceeded the full span of the continuous monitoring system.
 - 9) Description of any modifications to the continuous monitoring system that could affect the ability of the system to comply with Performance Specification 2 or 3.
 - 10) Results of daily CEMS drift tests and quarterly accuracy assessments as required under 40CFR60 Appendix F, Procedure 1.

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

Condition 232: Compliance Certification
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.49b(h), NSPS Subpart Db

Item 232.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 002

Emission Source: S0009

Item 232.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall submit semiannual excess emission reports for opacity and/or, oxides of nitrogen, and/or sulfur dioxide any reporting period during which there are excess emissions from the affected facility. If there are no excess emissions during the reporting period, the owner or operator shall submit a report semiannually stating that no excess emissions occurred during that semiannual reporting period.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

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Reports due 30 days after the reporting period.
The initial report is due 1/30/2014.
Subsequent reports are due every 6 calendar month(s).

Condition 233: Compliance Certification
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.49b(i), NSPS Subpart Db

Item 233.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: S0009

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

Item 233.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of any affected facility subject to the continuous monitoring requirements for nitrogen oxides under §60.48b shall submit reports containing the information recorded under 40CFR60.49b(g). All reports shall be postmarked by the 30th day following the end of each semiannual period.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

Condition 234: Compliance Certification
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.49b(j), NSPS Subpart Db

Item 234.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: S0009

Item 234.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

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Monitoring Description:

The owner or operator of an affected facility subject to the sulfur dioxide standards under 60.42b shall submit written reports to the Administrator for every semiannual reporting period. All reports shall be postmarked by the 30th day following the end of each semiannual reporting period.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

Condition 235: Records Retention

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.49b(o), NSPS Subpart Db

Item 235.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: S0009

Item 235.2:

All records required under this section shall be maintained by the owner or operator of the affected facility for a period of 2 years following the date of such record.

Condition 236: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable Federal Requirement: 40CFR 60.49b(r), NSPS Subpart Db

Item 236.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: S0009

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

Item 236.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator who elects to demonstrate that the affected facility combusts only very low sulfur oil shall obtain and maintain at the facility fuel receipts from the fuel supplier which certify that the oil meets the definition of distillate oil as defined 40CFR60.41b. For the purposes of this requirement, the oil need not meet

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the fuel nitrogen content specification in the definition of distillate oil. Semiannual reports shall be submitted to the Administrator certifying that only very low sulfur oil was combusted in the affected facility during the preceding semiannual period.

Monitoring Frequency: PER DELIVERY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

Condition 237: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 237.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 003

Emission Source: 00004

Regulated Contaminant(s):

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

Item 237.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

This condition applies to natural gas/oil fired large boilers. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.

The owner or operator will maintain records on-site for a minimum of five years.

The compliance deadline, with the emission limitation listed in this condition, is July, 1 2014. Compliance with the monitoring, record keeping, or reporting requirements listed in this condition begins on July, 1 2014.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.15 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: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 60 days after the reporting period.

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The initial report is due 3/1/2014.
Subsequent reports are due every 6 calendar month(s).

Condition 238: Compliance Certification
Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 238.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001	Emission Point: 00001
Process: 003	Emission Source: 00005

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

Item 238.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

This condition applies to natural gas/oil fired large boilers. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.

The owner or operator will maintain records on-site for a minimum of five years.

The compliance deadline, with the emission limitation listed in this condition, is July, 1 2014. Compliance with the monitoring, record keeping, or reporting requirements listed in this condition begins on July, 1 2014.

Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 0.15 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: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 60 days after the reporting period.
The initial report is due 3/1/2014.
Subsequent reports are due every 6 calendar month(s).

Condition 239: Compliance Certification
Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 239.1:

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The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 003

Emission Source: 00008

Regulated Contaminant(s):

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

Item 239.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

This condition applies to natural gas/oil fired large boilers. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.

The owner or operator will maintain records on-site for a minimum of five years.

The compliance deadline, with the emission limitation listed in this condition, is July, 1 2014. Compliance with the monitoring, record keeping, or reporting requirements listed in this condition begins on July, 1 2014.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.15 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: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 60 days after the reporting period.

The initial report is due 3/1/2014.

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

Condition 240: Compliance Certification

Effective between the dates of 11/05/2013 and 11/04/2018

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

Item 240.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 003

Emission Source: S0009

Regulated Contaminant(s):

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

Item 240.2:

New York State Department of Environmental Conservation

Permit ID: 2-6201-00005/00007

Facility DEC ID: 2620100005



Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

This condition applies to natural gas/oil fired large boilers. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.

The owner or operator will maintain records on-site for a minimum of five years.

The compliance deadline, with the emission limitation listed in this condition, is July, 1 2014. Compliance with the monitoring, record keeping, or reporting requirements listed in this condition begins on July, 1 2014.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.15 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: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 60 days after the reporting period.

The initial report is due 3/1/2014.

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



STATE ONLY ENFORCEABLE CONDITIONS

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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

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

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

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

STATE ONLY APPLICABLE REQUIREMENTS

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

Condition 241: Contaminant List

Effective between the dates of 11/05/2013 and 11/04/2018

Applicable State Requirement:ECL 19-0301

Item 241.1:

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

New York State Department of Environmental Conservation

Permit ID: 2-6201-00005/00007

Facility DEC ID: 2620100005



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

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

Condition 242: Malfunctions and start-up/shutdown activities
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable State Requirement:6 NYCRR 201-1.4

Item 242.1:

(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 243: Visible Emissions Limited
Effective between the dates of 11/05/2013 and 11/04/2018

Applicable State Requirement:6 NYCRR 211.2

New York State Department of Environmental Conservation

Permit ID: 2-6201-00005/00007

Facility DEC ID: 2620100005



Item 243.1:

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.

