

New York State Department of Environmental Conservation
Facility DEC ID: 2610100185



The facility-wide emissions for major air pollutants exceed the major source pollutant threshold and therefore is subject to the provisions of Title V specified under 6 NYCRR subpart 201-6. The facility is subject to the Title IV (Acid Rain Permit) provisions of 40 CFR Part 72, due to emissions of sulfur dioxide caused by activities of generating electricity.

Pursuant to the Phase II requirements of Title IV of the Clean Air Act Amendments of 1990 and 40 CFR Part 72.6(a)(3), the facility is required to apply for the Title IV (Phase II Acid Rain) permit in the Title V application. This application is for a federal Title IV (Phase II Acid Rain) permit only. The facility has to comply with all compliance requirements of Acid Rain Rules (40 CFR Parts 72, Parts 73, Parts 75, Parts 77 and Parts 78).

The department has made a tentative determination to approve an application for a Title IV Acid Rain Permit renewal to this previously approved facility as required by 40 CFR Part 72 for the applicant's Brooklyn Navy Yard Cogeneration Plant, located at 63 Flushing Avenue - Building 41 in Brooklyn, New York. Issuance of this permit will allow the Department to enforce the requirements of the Acid Rain Program. No emissions increase will result from permit issuance. Prior permits issued to this facility remain in force & include requirements for compliance with 6NYCRR Subpart 225-1 (Fuel Composition and Use-Sulfur Limitations) and 227-1 (Stationary Combustion Installations) and 227-2 (Reasonably Available Control Technology (RACT) for Oxides of Nitrogen. The applicant will be required to have sufficient SO₂ allowances in its possession to cover SO₂ emissions from this facility. The applicant shall submit annual compliance certification reports to the Department and the U.S. Environmental Protection Agency (USEPA). The applicant shall monitor, maintain and certify monitoring systems for opacity, SO₂ emissions, NO_x emissions, SO₂ removal (if applicable), CO₂ emissions and volumetric flow rates in accordance with the requirements of 40 CFR Part 75. In accordance with 6NYCRR Parts 621 & 201, the Administrator of the USEPA has the authority to bar issuance of this permit if it is determined not to be in compliance with applicable requirements of the Clean Air Act or 6NYCRR Part 201.

The Title IV (Acid Rain) permit was included in the Title V's application and was initially issued on 5/19/1999 with an effective date of 5/19/1999 and an expiration date of 5/18/2004. The Title IV permit will be renewed so that its permit term corresponds to the permit term of the Initial Title V facility permit, which has an expiration date of 12/4/2005.

Nature of business at the facility:

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Electric Power Generation
4931 [primary SIC] - Electric & other services combined

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**
 DIVISION OF ENVIRONMENTAL PERMITS
 ONE HUNTERS POINT PLAZA, 47-40 21ST STREET
 LONG ISLAND CITY, NY 11101-5407

Authorized Signature: _____ Date: ____ / ____ /



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

The permittee expressly agrees to indemnify and hold harmless the Department of Environmental Conservation of the State of New York, its representatives, employees, and agents ("DEC") for all claims, suits, actions, and damages, to the extent attributable to the permittee's acts or omissions in connection with the 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 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
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DEC GENERAL CONDITIONS

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Facility Inspection by the Department

Applications for Permit Renewals and Modifications

Applications for Permit Renewals and Modifications

Applications for Permit Renewals and Modifications

Relationship of this Permit to Other Department Orders and Determinations

Relationship of this Permit to Other Department Orders and Determinations

Applications for Permit Renewals and Modifications

Permit Modifications, Suspensions and Revocations by the Department

Permit Modifications, Suspensions and Revocations by the Department

Permit Modifications, Suspensions, and Revocations by the Department

Permit Modifications, Suspensions, and Revocations by the Department

Permit Modifications, Suspensions, and Revocations by the Department

Facility Level

Submission of Applications for Permit Modification or Renewal-REGION 2

HEADQUARTERS



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.



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: Applications for Permit Renewals and Modifications

Applicable State Requirement: 6NYCRR 621.13(a)

Item 2.1:

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 2.2:

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.

Condition 3: Applications for Permit Renewals and Modifications

Applicable State Requirement: 6NYCRR 621.13(a)

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

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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.

Condition 4: Applications for Permit Renewals and Modifications
Applicable State Requirement: 6NYCRR 621.13(a)

Item 4.1:

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 4.2:

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.

Condition 5: Relationship of this Permit to Other Department Orders and Determinations
Applicable State Requirement: ECL 3-0301.2(m)

Item 5.1:

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 6: Relationship of this Permit to Other Department Orders and Determinations
Applicable State Requirement: ECL 3-0301.2(m)

Item 6.1:

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 7: Applications for Permit Renewals and Modifications
Applicable State Requirement: 6NYCRR 621.13

Item 7.1:

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 7.2:

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 7.3:

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 8: Permit Modifications, Suspensions and Revocations by the Department
Applicable State Requirement: 6NYCRR 621.14

Item 8.1:

The Department reserves the right to modify, suspend or revoke this permit when:

- a) the scope of the permitted activity is exceeded or a violation of any condition of the permit or provisions of the ECL and pertinent regulations is found;
- b) the permit was obtained by misrepresentation or failure to disclose relevant facts;
- c) new material information is discovered; or
- d) environmental conditions, relevant technology, or applicable law or regulation have materially changed since the permit was issued.

Condition 9: Permit Modifications, Suspensions and Revocations by the Department
Applicable State Requirement: 6NYCRR 621.14

Item 9.1:

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

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

Condition 10: Permit Modifications, Suspensions, and Revocations by the Department
Applicable State Requirement: 6NYCRR 621.14

Item 10.1:

The Department reserves the right to modify, suspend, or revoke this permit. The grounds for modification, suspension or revocation include:

- a) the scope of the permitted activity is exceeded or a violation of any condition of the permit or provisions of the ECL and pertinent regulations is found;
- b) the permit was obtained by misrepresentation or failure to disclose relevant facts;
- c) new material information is discovered; or
- d) environmental conditions, relevant technology, or applicable law or regulation have materially changed since the permit was issued.



Condition 11: Permit Modifications, Suspensions, and Revocations by the Department
Applicable State Requirement: 6NYCRR 621.14

Item 11.1:

The Department reserves the right to modify, suspend, or revoke this permit. The grounds for modification, suspension or revocation include:

- a) the scope of the permitted activity is exceeded or a violation of any condition of the permit or provisions of the ECL and pertinent regulations is found;
- b) the permit was obtained by misrepresentation or failure to disclose relevant facts;
- c) new material information is discovered; or
- d) environmental conditions, relevant technology, or applicable law or regulation have materially changed since the permit was issued.

Condition 12: Permit Modifications, Suspensions, and Revocations by the Department
Applicable State Requirement: 6NYCRR 621.14

Item 12.1:

The Department reserves the right to modify, suspend, or revoke this permit. The grounds for modification, suspension or revocation include:

- a) the scope of the permitted activity described in the application is exceeded or a violation of any condition of the permit or provisions of the ECL and pertinent regulations is found;
- b) the permit was obtained by misrepresentation or failure to disclose relevant facts;
- c) new material information is discovered; or
- d) environmental conditions, relevant technology, or applicable law or regulation have materially changed since the permit was issued.

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

Condition 13: Submission of Applications for Permit Modification or Renewal-REGION 2 HEADQUARTERS
Applicable State Requirement: 6NYCRR 621.5(a)

Item 13.1:

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



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Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: BROOKLYN NAVY YARD COGENERATION PARTNERS
80-02 KEW GARDENS RD STE 200
KEW GARDENS, NY 11415-3600

Facility: BROOKLYN NAVY YARD COGENERATION PLANT
BROOKLYN NAVY YARD, 63 FLUSHING AVE|BLDG 41 UNIT #234
BROOKLYN, NY 11205

Authorized Activity By Standard Industrial Classification Code:
4911 - ELECTRIC SERVICES
4931 - ELEC & OTHER SERVICES COMBINED

Permit Effective Date:

Permit Expiration Date:



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6NYCRR 200.6: Acceptable Ambient Air Quality
- 2 6NYCRR 201-6.5(a)(7): Fees
- 3 6NYCRR 201-6.5(c): Recordkeeping and reporting of compliance monitoring
- 4 6NYCRR 201-6.5(c)(2): Monitoring, Related Recordkeeping, and Reporting Requirements.
- 5 6NYCRR 201-6.5(c)(3)(ii): Compliance Certification
- 6 6NYCRR 201-6.5(e): Compliance Certification
- 7 6NYCRR 202-2.1: Compliance Certification
- 8 6NYCRR 202-2.5: Recordkeeping requirements
- 9 6NYCRR 215: Open Fires Prohibited at Industrial and Commercial Sites
- 10 6NYCRR 200.7: Maintenance of Equipment
- 11 6NYCRR 201-1.7: Recycling and Salvage
- 12 6NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 13 6NYCRR 201-3.2(a): Exempt Sources - Proof of Eligibility
- 14 6NYCRR 201-3.3(a): Trivial Sources - Proof of Eligibility
- 15 6NYCRR 201-6.5(a)(4): Standard Requirement - Provide Information
- 16 6NYCRR 201-6.5(a)(8): General Condition - Right to Inspect
- 17 6NYCRR 201-6.5(d)(5): Standard Requirements - Progress Reports
- 18 6NYCRR 201-6.5(f)(6): Off Permit Changes
- 19 6NYCRR 202-1.1: Required Emissions Tests
- 20 6NYCRR 211.3: Visible Emissions Limited
- 21 40CFR 68: Accidental release provisions.
- 22 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 23 6NYCRR 201-6: Emission Unit Definition
- 24 6NYCRR 201-6: Compliance Certification
- 25 6NYCRR 201-6: Compliance Certification
- 26 6NYCRR 201-6: Compliance Certification
- 27 6NYCRR 201-6.5(c)(3): Compliance Certification
- 28 6NYCRR 201-6.5(g): Non Applicable requirements
- 29 6NYCRR 204-2.1: Submissions to the Department.
- 30 6NYCRR 204-4.1: Contents of reports and compliance certifications.
- 31 6NYCRR 204-4.1: Discretionary report contents.
- 32 6NYCRR 204-4.1: Compliance Certification
- 33 6NYCRR 204-7.1: Submission of NOx allowance transfers.
- 34 6NYCRR 204-8.1: General provisions.
- 35 6NYCRR 204-8.1: Prohibitions.
- 36 6NYCRR 204-8.1: Requirements for installation, certification, and data accounting.
- 37 6NYCRR 204-8.2: Requirements for recertification of monitoring systems.
- 38 6NYCRR 204-8.2: Compliance Certification



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- 39 6NYCRR 204-8.3: Out of control periods.
- 40 6NYCRR 204-8.4: Compliance Certification
- 41 6NYCRR 204-8.5: Compliance Certification
- 42 6NYCRR 204-8.7: Compliance Certification
- 43 6NYCRR 225-1.2(a)(1): Compliance Certification
- 44 6NYCRR 225.7(a): Compliance Certification
- 45 6NYCRR 227-1.3(a): Compliance Certification
- 46 6NYCRR 231-2.2(b): Compliance Certification
- 47 6NYCRR 231-2.4: Emission offset requirements
- 48 40CFR 52.21(j), Subpart A: Compliance Certification
- 49 40CFR 52.21(j), Subpart A: Compliance Certification
- 50 40CFR 60.7(a), NSPS Subpart A: Date of construction notification.
- 51 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 52 40CFR 60.7(c), NSPS Subpart A: Excess emissions report.
- 53 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
- 54 40CFR 60.8(b), NSPS Subpart A: Performance test methods.
- 55 40CFR 60.8(d), NSPS Subpart A: Prior notice.
- 56 40CFR 60.11, NSPS Subpart A: Opacity standard compliance testing.
- 57 40CFR 60.12, NSPS Subpart A: Circumvention.
- 58 40CFR 60.332(b), NSPS Subpart GG: Compliance Certification
- 59 40CFR 60.334(h)(4), NSPS Subpart GG: Custom fuel monitoring schedule
- 60 40CFR 75: Compliance Certification

Emission Unit Level

- 61 6NYCRR 201-6: Emission Point Definition By Emission Unit
- 62 6NYCRR 201-6: Process Definition By Emission Unit

EU=U-00001

- 63 6NYCRR 231-2.2(b): Compliance Certification
- 64 6NYCRR 231-2.2(b): Compliance Certification
- 65 6NYCRR 231-2.2(b): Compliance Certification

EU=U-00001,EP=00001,Proc=01A

- 66 6NYCRR 231-2.2(b): Compliance Certification
- 67 6NYCRR 231-2.2(b): Compliance Certification
- 68 6NYCRR 231-2.2(b): Compliance Certification
- 69 6NYCRR 231-2.2(b): Compliance Certification

EU=U-00001,EP=00001,Proc=01A,ES=00011

- 70 6NYCRR 201-6: Compliance Certification
- 71 6NYCRR 201-6: Compliance Certification
- 72 6NYCRR 201-6: Compliance Certification
- 73 6NYCRR 201-6: Compliance Certification
- 74 40CFR 52.21(j), Subpart A: Compliance Certification
- 75 40CFR 52.21(j), Subpart A: Compliance Certification

EU=U-00001,EP=00001,Proc=01B

- 76 6NYCRR 231-2.2(b): Compliance Certification



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- 77 6NYCRR 231-2.2(b): Compliance Certification
- 78 6NYCRR 231-2.2(b): Compliance Certification
- 79 6NYCRR 231-2.2(b): Compliance Certification

EU=U-00001,EP=00001,Proc=01B,ES=00011

- 80 6NYCRR 201-6: Compliance Certification
- 81 6NYCRR 201-6: Compliance Certification
- 82 6NYCRR 201-6: Compliance Certification
- 83 6NYCRR 201-6: Compliance Certification
- 84 40CFR 52.21(j), Subpart A: Compliance Certification
- 85 40CFR 52.21(j), Subpart A: Compliance Certification

EU=U-00001,EP=00001,Proc=01C

- 86 6NYCRR 231-2.2(b): Compliance Certification
- 87 6NYCRR 231-2.2(b): Compliance Certification
- 88 6NYCRR 231-2.2(b): Compliance Certification
- 89 6NYCRR 231-2.2(b): Compliance Certification

EU=U-00001,EP=00001,Proc=01C,ES=00011

- 90 6NYCRR 201-6: Compliance Certification
- 91 6NYCRR 201-6: Compliance Certification
- 92 6NYCRR 201-6: Compliance Certification
- 93 6NYCRR 201-6: Compliance Certification
- 94 40CFR 52.21(j), Subpart A: Compliance Certification
- 95 40CFR 52.21(j), Subpart A: Compliance Certification

EU=U-00001,EP=00001,Proc=01D

- 96 6NYCRR 231-2.2(b): Compliance Certification
- 97 6NYCRR 231-2.2(b): Compliance Certification
- 98 6NYCRR 231-2.2(b): Compliance Certification
- 99 6NYCRR 231-2.2(b): Compliance Certification

EU=U-00001,EP=00001,Proc=01D,ES=00011

- 100 6NYCRR 201-6: Compliance Certification
- 101 6NYCRR 201-6: Compliance Certification
- 102 6NYCRR 201-6: Compliance Certification
- 103 6NYCRR 201-6: Compliance Certification
- 104 40CFR 52.21(j), Subpart A: Compliance Certification
- 105 40CFR 52.21(j), Subpart A: Compliance Certification

EU=U-00002

- 106 6NYCRR 231-2.2(b): Compliance Certification
- 107 6NYCRR 231-2.2(b): Compliance Certification
- 108 6NYCRR 231-2.2(b): Compliance Certification

EU=U-00002,EP=00002,Proc=02A

- 109 6NYCRR 231-2.2(b): Compliance Certification



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- 110 6NYCRR 231-2.2(b): Compliance Certification
- 111 6NYCRR 231-2.2(b): Compliance Certification
- 112 6NYCRR 231-2.2(b): Compliance Certification

EU=U-00002,EP=00002,Proc=02A,ES=00021

- 113 6NYCRR 201-6: Compliance Certification
- 114 6NYCRR 201-6: Compliance Certification
- 115 6NYCRR 201-6: Compliance Certification
- 116 6NYCRR 201-6: Compliance Certification
- 117 40CFR 52.21(j), Subpart A: Compliance Certification
- 118 40CFR 52.21(j), Subpart A: Compliance Certification

EU=U-00002,EP=00002,Proc=02B

- 119 6NYCRR 231-2.2(b): Compliance Certification
- 120 6NYCRR 231-2.2(b): Compliance Certification
- 121 6NYCRR 231-2.2(b): Compliance Certification
- 122 6NYCRR 231-2.2(b): Compliance Certification

EU=U-00002,EP=00002,Proc=02B,ES=00021

- 123 6NYCRR 201-6: Compliance Certification
- 124 6NYCRR 201-6: Compliance Certification
- 125 6NYCRR 201-6: Compliance Certification
- 126 6NYCRR 201-6: Compliance Certification
- 127 40CFR 52.21(j), Subpart A: Compliance Certification
- 128 40CFR 52.21(j), Subpart A: Compliance Certification

EU=U-00002,EP=00002,Proc=02C

- 129 6NYCRR 231-2.2(b): Compliance Certification
- 130 6NYCRR 231-2.2(b): Compliance Certification
- 131 6NYCRR 231-2.2(b): Compliance Certification
- 132 6NYCRR 231-2.2(b): Compliance Certification

EU=U-00002,EP=00002,Proc=02C,ES=00021

- 133 6NYCRR 201-6: Compliance Certification
- 134 6NYCRR 201-6: Compliance Certification
- 135 6NYCRR 201-6: Compliance Certification
- 136 6NYCRR 201-6: Compliance Certification
- 137 40CFR 52.21(j), Subpart A: Compliance Certification
- 138 40CFR 52.21(j), Subpart A: Compliance Certification

EU=U-00002,EP=00002,Proc=02D

- 139 6NYCRR 231-2.2(b): Compliance Certification
- 140 6NYCRR 231-2.2(b): Compliance Certification
- 141 6NYCRR 231-2.2(b): Compliance Certification
- 142 6NYCRR 231-2.2(b): Compliance Certification

EU=U-00002,EP=00002,Proc=02D,ES=00021



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- 143 6NYCRR 201-6: Compliance Certification
- 144 6NYCRR 201-6: Compliance Certification
- 145 6NYCRR 201-6: Compliance Certification
- 146 6NYCRR 201-6: Compliance Certification
- 147 40CFR 52.21(j), Subpart A: Compliance Certification
- 148 40CFR 52.21(j), Subpart A: Compliance Certification

EU=U-00003

- 149 6NYCRR 231-2.2(b): Compliance Certification

EU=U-00003,EP=00003,Proc=03A

- 150 6NYCRR 231-2.2(b): Compliance Certification
- 151 6NYCRR 231-2.2(b): Compliance Certification
- 152 6NYCRR 231-2.2(b): Compliance Certification
- 153 6NYCRR 231-2.2(b): Compliance Certification

EU=U-00003,EP=00003,Proc=03A,ES=00031

- 154 6NYCRR 201-6: Compliance Certification
- 155 6NYCRR 201-6: Compliance Certification
- 156 40CFR 52.21(j), Subpart A: Compliance Certification
- 157 40CFR 52.21(j), Subpart A: Compliance Certification

EU=U-00004

- 158 6NYCRR 231-2.2(b): Compliance Certification

EU=U-00004,EP=00004,Proc=04A

- 159 6NYCRR 231-2.2(b): Compliance Certification
- 160 6NYCRR 231-2.2(b): Compliance Certification
- 161 6NYCRR 231-2.2(b): Compliance Certification
- 162 6NYCRR 231-2.2(b): Compliance Certification

EU=U-00004,EP=00004,Proc=04A,ES=00041

- 163 6NYCRR 201-6: Compliance Certification
- 164 6NYCRR 201-6: Compliance Certification
- 165 40CFR 52.21(j), Subpart A: Compliance Certification
- 166 40CFR 52.21(j), Subpart A: Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 167 ECL 19-0301: Contaminant List
- 168 6NYCRR 201-1.4: Unavoidable noncompliance and violations
- 169 6NYCRR 211.2: Air pollution prohibited
- 170 6NYCRR 237-1.6(c): Compliance Demonstration
- 171 6NYCRR 237-1.6(e): Recordkeeping and Reporting Requirements
- 172 6NYCRR 237-1.6(f): Liability- facility and units with common stacks
- 173 6NYCRR 237-1.6(g): Effect on other Authorities
- 174 6NYCRR 237-2: Authorization and responsibilities of the NOx

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authorized account representative

- 175 6NYCRR 237-4.1: Compliance Demonstration
- 176 6NYCRR 237-7.1: Submission of NO_x allowance transfers
- 177 6NYCRR 237-8: Compliance Demonstration
- 178 6NYCRR 238-1.4: Applicability
- 179 6NYCRR 238-1.6(a): Permit Requirements
- 180 6NYCRR 238-1.6(c): Compliance Demonstration
- 181 6NYCRR 238-1.6(e): Compliance Demonstration
- 182 6NYCRR 238-1.6(f): Liability
- 183 6NYCRR 238-1.6(g): Effect on Other Authorities
- 184 6NYCRR 238-2.1: Submissions to the Department
- 185 6NYCRR 238-4.1: Compliance Demonstration
- 186 6NYCRR 238-7.1: Submission of SO₂ allowance transfers
- 187 6NYCRR 238-8: Compliance Demonstration



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 - 6NYCRR Part 201-1.5

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

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

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

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

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

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

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

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

Item B: Public Access to Recordkeeping for Title V Facilities - 6NYCRR Part 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



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Section 503(e) of the Act, except for information entitled to confidential treatment pursuant to 6NYCRR Part 616 - Public Access to records and Section 114(c) of the Act.

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

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

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

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

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

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

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

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

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

It shall not be a defense for a permittee in an enforcement action to claim that a cessation or reduction in the permitted activity would have been necessary in

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order to maintain compliance with the conditions of this permit.

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

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

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

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

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

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

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

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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 Part 201-6.5(i)

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

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

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

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

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

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

Reopenings shall not be initiated before a notice of such intent is provided to the facility by the Department at least thirty days in advance of the date that the permit



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is to be reopened, except that the Department may provide a shorter time period in the case of an emergency.

Item L: Permit Exclusion - ECL 19-0305

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

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

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

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

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

**Condition 1: Acceptable Ambient Air Quality
Effective for entire length of Permit**

Applicable Federal Requirement: 6NYCRR 200.6

Item 1.1:

Notwithstanding the provisions of 6 NYCRR Chapter III, Subchapter A, no person shall allow or permit



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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 for entire length of Permit

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

Item 2.1:

The owner and/or operator of a stationary source shall pay fees to the Department consistent with the fee schedule authorized by ECL 72-0302.

Condition 3: Recordkeeping and reporting of compliance monitoring
Effective for entire length of Permit

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

Item 3.1:

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

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

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

Condition 4: Monitoring, Related Recordkeeping, and Reporting Requirements.
Effective for entire length of Permit

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

Item 4.1:

Compliance monitoring and recordkeeping shall be conducted according to the terms and conditions contained in this permit and shall follow all quality assurance requirements found in applicable



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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 for entire length of Permit

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

Item 5.1:

The Compliance Certification activity will be performed for the Facility.

Item 5.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Submit reports of any required monitoring at a minimum frequency of every 6 months, based on a calendar year reporting schedule. These reports shall be submitted to the Department within 60 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.

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(2) For emissions of any regulated air pollutant, excluding those listed in paragraph (1) of this section, that continue for more than two hours in excess of permit requirements, the report must be made within 48 hours.

(3) For all other deviations from permit requirements, the report shall be contained in the 6 month monitoring report required above.

(4) This permit may contain a more stringent reporting requirement than required by paragraphs (1), (2) or (3) above. If more stringent reporting requirements have been placed in this permit or exist in applicable requirements that apply to this facility, the more stringent reporting requirement shall apply.

If above paragraphs (1) or (2) are met, the source must notify the permitting authority by telephone during normal business hours at the Regional Office of jurisdiction for this permit, attention Regional Air Pollution Control Engineer (RAPCE) according to the timetable listed in paragraphs (1) and (2) of this section. For deviations and incidences that must be reported outside of normal business hours, on weekends, or holidays, the DEC Spill Hotline phone number at 1-800-457-7362 shall be used. A written notice, certified by a responsible official consistent with 6 NYCRR Part 201-6.3(d)(12), must be submitted within 10 working days of an occurrence for deviations reported under (1) and (2). All deviations reported under paragraphs (1) and (2) of this section must also be identified in the 6 month monitoring report required above.

The provisions of 6 NYCRR 201-1.4 shall apply if the permittee seeks to have a violation excused unless otherwise limited by regulation. In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets. Notwithstanding any recordkeeping and reporting requirements in 6 NYCRR 201-1.4, reports of any deviations shall not be on a less frequent basis than the reporting periods described in paragraphs (1) and (4) above.

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

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

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

Monitoring Frequency: DAILY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 6: Compliance Certification
Effective for entire length of Permit

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

Item 6.1:

The Compliance Certification activity will be performed for the Facility.

Item 6.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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following:

i. Compliance certifications shall contain:

- the identification of each term or condition of the permit that is the basis of the certification;
 - the compliance status;
 - whether compliance was continuous or intermittent;
 - the method(s) used for determining the compliance status of the facility, currently and over the reporting period consistent with the monitoring and related recordkeeping and reporting requirements of this permit;
 - such other facts as the Department may require to determine the compliance status of the facility as specified in any special permit terms or conditions;
- and
- such additional requirements as may be specified elsewhere in this permit related to compliance certification.

ii. The responsible official must include in the annual certification report all terms and conditions contained in this permit which are identified as being subject to certification, including emission limitations, standards, or work practices. That is, the provisions labeled herein as "Compliance Certification" are not the only provisions of this permit for which an annual certification is required.

iii. Compliance certifications shall be submitted annually. Certification reports are due 30 days after the anniversary date of four consecutive calendar quarters. The first report is due 30 days after the calendar quarter that occurs just prior to the permit anniversary date, unless another quarter has been acceptable by the Department.

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

USEPA Region 2

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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 1/30/2007.
Subsequent reports are due on the same day each year

Condition 7: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 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.

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

Condition 8: Recordkeeping requirements
Effective for entire length of Permit



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Applicable Federal Requirement: 6NYCRR 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 Prohibited at Industrial and Commercial Sites
Effective for entire length of Permit**

Applicable Federal Requirement: 6NYCRR 215

Item 9.1:

No person shall burn, cause, suffer, allow or permit the burning in an open fire of garbage, refuse, rubbish for salvage, or rubbish generated by industrial or commercial activities.

**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 for entire length of Permit**

Applicable Federal Requirement: 6NYCRR 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 for entire length of Permit**

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Applicable Federal Requirement: 6NYCRR 201-1.7

Item 11.1:

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

**Condition 12: Prohibition of Reintroduction of Collected Contaminants to the air
Effective for entire length of Permit**

Applicable Federal Requirement: 6NYCRR 201-1.8

Item 12.1:

No person shall 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 for entire length of Permit**

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

Item 13.1:

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

**Condition 14: Trivial Sources - Proof of Eligibility
Effective for entire length of Permit**

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

Item 14.1:

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

**Condition 15: Standard Requirement - Provide Information
Effective for entire length of Permit**

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

Item 15.1:

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

**Condition 16: General Condition - Right to Inspect
Effective for entire length of Permit**

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

Item 16.1:

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

- (i) enter upon the permittee's premises where a facility subject to the permitting requirements of this Subpart is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;
- (ii) have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
- (iii) inspect at reasonable times any emission sources, equipment (including monitoring and air pollution control equipment), practices, and operations regulated or required under the permit; and
- (iv) sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

**Condition 17: Standard Requirements - Progress Reports
Effective for entire length of Permit**

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

Item 17.1:

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

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



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

Condition 18: Off Permit Changes
Effective for entire length of Permit

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

Item 18.1:

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 201-6.6 shall not apply to any change made pursuant to this paragraph.

Condition 19: Required Emissions Tests
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 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. Such person shall bear the cost of measurement and preparing the report of measured emissions. Failure of such person to submit a report acceptable to the commissioner within the time stated shall be sufficient reason for the commissioner to suspend or deny a certificate to operate.

Condition 20: Visible Emissions Limited
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 211.3

Item 20.1:

Except as permitted by a specific part of this Subchapter and for open fires for which a restricted burning



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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.

**Condition 21: Accidental release provisions.
Effective for entire length of Permit**

Applicable Federal Requirement: 40CFR 68

Item 21.1:

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 22: Recycling and Emissions Reduction
Effective for entire length of Permit**

Applicable Federal Requirement: 40CFR 82, Subpart F

Item 22.1:

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 23: Emission Unit Definition
Effective for entire length of Permit**



Applicable Federal Requirement: 6NYCRR 201-6

Item 23.1:

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

Emission Unit: U-00001

Emission Unit Description:

Siemens Westinghouse V84.2 combustion turbine equipped with HR3 dry low-NOx burner, selective catalytic reduction, CO catalytic reduction, and a heat recovery steam generator(HRSG).

Building(s): B41

Item 23.2:

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

Emission Unit: U-00002

Emission Unit Description:

Siemens Westinghouse V84.2 combustion turbine equipped with HR3 dry low-NOx burner, selective catalytic reduction, CO catalytic reduction, and a heat recovery steam generator(HRSG).

Building(s): B41

Item 23.3:

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

Emission Unit: U-00003

Emission Unit Description:

EMERGENCY GENERATOR NUMBER 1.

Building(s): B41

Item 23.4:

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

Emission Unit: U-00004

Emission Unit Description:

EMERGENCY GENERATOR NUMBER 2.

Building(s): B-41

Condition 24: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 201-6

Item 24.1:



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The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Emission Unit: U-00002

Item 24.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The gas turbines are permitted to burn bio-gas from the Red Hook Water Treatment Plant in conjunction with natural gas. The facility should have a line mounted gas meter to measure bio-gas usage. This positive displacement meter should be sealed in place and will measure fuel continuously.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: OTHER GASEOUS FUELS

Upper Permit Limit: 100 million cubic feet per year

Monitoring Frequency: CONTINUOUS

Averaging Method: 24-HR ROLLING AVG., CALCULATED EA. HR AS THE AVG OF THE PAST 24 OPERATING HRS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 25: Compliance Certification
Effective for entire length of Permit**

Applicable Federal Requirement: 6NYCRR 201-6

Item 25.1:

The Compliance Certification activity will be performed for the Facility.

Item 25.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each gas turbine may operate between 50% and 100% load separately or simultaneously, except during periods of start-up and shutdown.

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70% load corresponds to 76.9 MW (gas firing, 30 degrees F)
per turbine.

Monitoring Frequency: DAILY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 26: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 201-6

Item 26.1:

The Compliance Certification activity will be performed for the Facility.

Item 26.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The gas turbines should only fire natural gas or
distillate oil (distillate oil shall be defined as: #1
distillate, #2 distillate, kerosene, or Jet A fuel).

Monitoring Frequency: DAILY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 27: Compliance Certification
Effective for entire length of Permit

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

Item 27.1:

The Compliance Certification activity will be performed for the Facility.

Item 27.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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



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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.

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 Compliance Monitoring and Enforcement (BCME) in the DEC central office). Mailing addresses for the above referenced persons are contained in the monitoring condition for 6 NYCRR Part 201-6.5(e), contained elsewhere in this permit.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 28: Non Applicable requirements
Effective for entire length of Permit

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

Item 28.1:

This section contains a summary of those requirements that have been specifically identified as being not applicable to this facility and/or emission units, emission points, processes and/or emission sources within



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this facility. The summary also includes a justification for classifying any such requirements as non-applicable.

**Condition 29: Submissions to the Department.
Effective for entire length of Permit**

Applicable Federal Requirement: 6NYCRR 204-2.1

Item 29.1: Each submission under the NOx Budget Trading Program shall be submitted, signed and certified by the NOx authorized account representative for each NOx Budget source on behalf of which the submission is made. Each submission shall include a certification statement (as stated in paragraph 204-2.4(a)(4)) by the NOx authorized account representative.

**Condition 30: Contents of reports and compliance certifications.
Effective for entire length of Permit**

Applicable Federal Requirement: 6NYCRR 204-4.1

Item 30.1: The NOx authorized account representative shall include in the compliance certification report the following elements, in a format prescribed by the Administrator, concerning each unit at the source and subject to the NOx Budget emissions limitation for the control period covered by the report:

- (1) Identification of each NOx Budget unit; and
- (2) In the compliance certification report the NOx authorized account representative shall certify, based on reasonable inquiry of those persons with primary responsibility for operating the source and the NOx Budget units at the source in compliance with the NOx Budget Trading Program, whether each NOx Budget unit for which the compliance certification is submitted was operated during the calendar year covered by the report in compliance with the requirements of the NOx Budget Trading Program applicable to the unit, including:
 - (i) Whether the unit was operated in compliance with the NOx Budget emissions limitation;
 - (ii) Whether the monitoring plan that governs the unit has been maintained to reflect the actual operation and monitoring of the unit, and contains all information necessary to attribute NOx emissions to the unit, in accordance with Subpart 204-8;
 - (iii) Whether all the NOx emissions from the unit, or a group of units (including the unit) using a common stack, were monitored or accounted for through the missing data procedures and reported in the quarterly monitoring reports, including whether conditional data were reported in the quarterly reports in accordance with Subpart 204-8. If conditional data were reported, the owner or operator shall indicate whether the status of all conditional data has been resolved and all necessary quarterly report resubmissions has been made;
 - (iv) Whether the facts that form the basis for certification under Subpart 204-8 of each monitor at the unit or a group of units (including the unit) using a common stack, or for using an excepted monitoring method or alternative monitoring method approved under Subpart 204-8, if any, has changed; and
 - (v) If a change is required to be reported under item (iv) above, specify the nature of the change, the reason for the change, when the change occurred, and how the unit's compliance status was determined subsequent to the change, including what method was used to determine emissions when a change



mandated the need for monitor recertification.

Condition 31: Discretionary report contents.
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 204-4.1

Item 31.1: At the NO_x authorized account representative's option the following may be included in the compliance certification report:

- (1) The serial numbers of the NO_x allowances that are to be deducted from each unit's compliance account under Section 204-6.5 for the control period; and
- (2) For units sharing a common stack and having NO_x emissions that are not monitored separately or apportioned in accordance with Subpart 204-8, the percentage of NO_x allowances that is to be deducted from each unit's compliance account under Subdivision 204-6.5(e).

Condition 32: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 204-4.1

Item 32.1:

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

Emission Unit: U-00001

Emission Unit: U-00002

Item 32.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For each control period in which one or more NO_x Budget units at a source are subject to the NO_x Budget emissions limitation, the NO_x authorized account representative of the source shall submit to the Department and the Administrator by November 30 of that year, a compliance certification report for each source covering all such units.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 33: Submission of NO_x allowance transfers.
Effective for entire length of Permit



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Applicable Federal Requirement: 6NYCRR 204-7.1

Item 33.1: The NO_x authorized account representatives seeking recordation of a NO_x allowance transfer shall submit the transfer to the Administrator. To be considered correctly submitted, the NO_x allowance transfer shall include the following elements in a format specified by the Administrator:

- (a) The numbers identifying both the transferor and transferee accounts;
- (b) A specification by serial number of each NO_x allowance to be transferred; and
- (c) The printed name and signature of the NO_x authorized account representative of the transferor account and the date signed.

Condition 34: General provisions.
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 204-8.1

Item 34.1: The owners and operators, and to the extent applicable, the NO_x authorized account representative of a NO_x Budget unit, shall comply with the monitoring and reporting requirements as provided in this Subpart and in Subpart H of 40 CFR Part 75. For purposes of complying with such requirements, the definitions in Section 204-1.2 and in 40 CFR 72.2 shall apply, and the terms "affected unit," "designated representative," and "continuous emission monitoring system" (or "CEMS") in 40 CFR Part 75 shall be replaced by the terms "NO_x Budget unit," "NO_x authorized account representative," and "continuous emission monitoring system" (or "CEMS"), respectively, as defined in Section 204-1.2.

Condition 35: Prohibitions.
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 204-8.1

Item 35.1: No owner or operator of a NO_x Budget unit or a non-NO_x Budget unit monitored under 40 CFR 75.72(b)(2)(ii) shall:

- (1) use any alternative monitoring system, alternative reference method, or any other alternative for the required continuous emission monitoring system without having obtained prior written approval in accordance with Section 204-8.6;
- (2) operate the unit so as to discharge, or allow to be discharged, NO_x emissions to the atmosphere without accounting for all such emissions in accordance with the applicable provisions of this Subpart and 40 CFR Part 75 except as provided for in 40 CFR 75.74;
- (3) disrupt the continuous emission monitoring system, any portion thereof, or any other approved emission monitoring method, and thereby avoid monitoring and recording NO_x mass emissions discharged into the atmosphere, except for periods of recertification or periods when calibration, quality assurance testing, or maintenance is performed in accordance with the applicable provisions of this Subpart and 40 CFR Part 75 except as provided for in 40 CFR 75.74; and
- (4) permanently discontinue use of the continuous emission monitoring system, any component thereof, or any other approved emission monitoring system under this Subpart, except under any one of the following circumstances:



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- (i) The owner or operator is monitoring emissions from the unit with another certified monitoring system approved, in accordance with the applicable provisions of this Subpart and 40 CFR Part 75, by the Department for use at that unit that provides emission data for the same pollutant or parameter as the discontinued monitoring system; or
- (ii) The NO_x authorized account representative submits notification of the date of certification testing of a replacement monitoring system in accordance with Paragraph 204-8.2(b)(2).

Condition 36: Requirements for installation, certification, and data accounting.
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 204-8.1

Item 36.1: The owner or operator of each NO_x Budget unit must meet the following requirements. These provisions also apply to a unit for which an application for a NO_x Budget opt-in permit is submitted and not denied or withdrawn, as provided in Subpart 204-9:

- (1) Install all monitoring systems required under this Subpart for monitoring NO_x mass. This includes all systems required to monitor NO_x emission rate, NO_x concentration, heat input, and air or fuel flow, in accordance with 40 CFR 75.71 and 75.72.
- (2) Install all monitoring systems for monitoring heat input, if required under Section 204-8.7 for developing NO_x allowance allocations.
- (3) Successfully complete all certification tests required under Section 204-8.2 and meet all other provisions of this Subpart and 40 CFR Part 75 applicable to the monitoring systems under paragraphs (a)(1) and (2) of this section.
- (4) Record and report data from the monitoring systems under paragraphs (a)(1) and (2) of this section.

Condition 37: Requirements for recertification of monitoring systems.
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 204-8.2

Item 37.1: Whenever the owner or operator makes a replacement, modification, or change in a certified monitoring system that the Administrator or the Department determines significantly affects the ability of the system to accurately measure or record NO_x mass emissions or heat input or to meet the requirements of 40 CFR 75.21 or Appendix B to 40 CFR Part 75, the owner or operator shall recertify the monitoring system according to 40 CFR 75.20(b). Furthermore, whenever the owner or operator makes a replacement, modification, or change to the flue gas handling system or the unit's operation that the Administrator or the Department determines to significantly change the flow or concentration profile, the owner or operator shall recertify the continuous emissions monitoring system according to 40 CFR 75.20(b). Examples of changes which require recertification include: replacement of the analyzer, change in location or orientation of the sampling probe or site, or changing of flow rate monitor polynomial coefficients.

Condition 38: Compliance Certification
Effective for entire length of Permit



Applicable Federal Requirement: 6NYCRR 204-8.2

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 owner or operator of a NO_x Budget unit under paragraphs (b)(2) or (b)(3) of this section must determine, record and report NO_x mass, heat input (if required for purposes of allocations) and any other values required to determine NO_x Mass (e.g. NO_x emission rate and heat input or NO_x concentration and stack flow) using the provisions of 40 CFR 75.70(g), from the date and hour that the unit starts operating until all required certification tests are successfully completed.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 39: Out of control periods.
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 204-8.3

Item 39.1: Whenever any monitoring system fails to meet the quality assurance requirements of Appendix B of 40 CFR Part 75, data shall be substituted using the applicable procedures in Subpart D, Appendix D, or Appendix E of 40 CFR Part 75.

Condition 40: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 204-8.4

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 Authorized Account Representative for a NO_x Budget unit shall submit written notice to the Department and the USEPA Administrator in accordance with the requirements of

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this subpart as follows:

All monitoring plans or monitoring plan modifications; compliance certifications, recertifications and quarterly QA/QC reports; and, petitions for alternative monitoring, shall be submitted to the USEPA Administrator (or his/her representatives) as well as two copies to the Department (one copy to the Regional Air Pollution Control Engineer (RAPCES) in the regional office and one copy to the Bureau of Compliance Monitoring and Enforcement (BCME) in the DEC central office. All Authorized Account Representative changes shall be sent to the NYSDEC central office.

All quarterly emission data shall be electronically filed with the USEPA Clean Air Markets Division with a copy (disc or hard copy) to the NYSDEC offices.

The address for the USEPA Administrator is as follows:

USEPA Clean Air Markets Division
1200 Pennsylvania Avenue
Washington D.C. 20460

Washington D.C. 20460

CEM Coordinator
USEPA-Region 2
2890 Woodbridge Avenue
Edison, N.J. 08837

The address for the BCME is as follows:

NYSDEC
Bureau of Compliance Monitoring and Enforcement
625 Broadway, 2nd Floor
Albany N.Y. 12233-3258

AAR changes should be sent to the attention of:

NYSDEC
Stationary Source Planning Section
Bureau of Air Quality Planning
625 Broadway, 2nd Floor
Albany NY 12233-3251



The address for the RAPCE is as follows:

Hunters Point Plaza
47-20 21st Street
Long Island City, NY 11101-5407

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 41: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 204-8.5

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 NO_x authorized account representative shall submit each quarterly report to the department and the administrator within 30 days following the end of the calendar quarter covered by the report. Quarterly reports shall be submitted in the manner specified in subpart H of 40 CFR part 75 and 40 CFR 75.64.

- For units subject to an Acid Rain Emissions limitation, quarterly reports shall include all of the data and information required in subpart H of 40 CFR part 75 for each NO_x budget unit (or group of units using a common stack) as well as information required in subpart G of 40 CFR part 75.

- For units not subject to an acid rain emissions limitation, quarterly reports are only required to include all of the data and information required in subpart H of 40 CFR part 75 for each NO_x budget unit (or group of units using a common stack).

Compliance certification

The NO_x authorized account representative shall submit to the department and the administrator a compliance certification in support of each quarterly report based on



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reasonable inquiry of those persons with primary responsibility for ensuring that all of the unit's emissions are correctly and fully monitored. The certification shall state that:

(i) the monitoring data submitted were recorded in accordance with the applicable requirements of this Subpart and 40 CFR part 75, including the quality assurance procedures and specifications;

(ii) for a unit with add-on NO_x emission controls and for all hours where data are substituted in accordance with 40 CFR 75.34(a)(1), the add-on emission controls were operating within the range of parameters listed in the monitoring plan and the substitute values do not systematically underestimate NO_x emissions; and

(iii) for a unit that is reporting on a control period basis under this subdivision the NO_x emission rate and NO_x concentration values substituted for missing data under subpart D of 40 CFR part 75 are calculated using only values from a control period and do not systematically underestimate NO_x emissions.

The NO_x authorized account representative shall comply with all recordkeeping and reporting requirements in this section and with the requirements of section 204-2.1(e) of 6 NYCRR Part 204.

Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 3 calendar month(s).

Condition 42: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 204-8.7

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 a unit that elects to monitor



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and report NO_x Mass emissions using a NO_x concentration system and a flow system shall also monitor and report heat input at the unit level using the procedures set forth in 40 CFR Part 75.

Monitoring Frequency: HOURLY
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 3 calendar month(s).

Condition 43: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 225-1.2(a)(1)

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: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The sulfur content of liquid fuel burned at the facility will not exceed 0.04 percent by weight. This practice will also show compliance with 40 CFR 60 GG 60.333(b).

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.04 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.

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

Condition 44: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 225.7(a)

Item 44.1:

The Compliance Certification activity will be performed for the Facility.



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Item 44.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Monitoring Frequency: PER DELIVERY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 45: Compliance Certification
Effective for entire length of Permit**

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

Item 45.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001 Emission Point: 00001
Process: 01A

Emission Unit: U-00001 Emission Point: 00001
Process: 01B

Emission Unit: U-00001 Emission Point: 00001
Process: 01C

Emission Unit: U-00001 Emission Point: 00001
Process: 01D

Emission Unit: U-00002 Emission Point: 00002
Process: 02A

Emission Unit: U-00002 Emission Point: 00002
Process: 02B

Emission Unit: U-00002 Emission Point: 00002



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Process: 02C

Emission Unit: U-00002 Emission Point: 00002

Process: 02D

Item 45.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

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

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: ANNUALLY

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 46: Compliance Certification
Effective for entire length of Permit**

Applicable Federal Requirement: 6NYCRR 231-2.2(b)

Item 46.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Emission Unit: U-00002

Emission Unit: U-00003

Emission Unit: U-00004

Item 46.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC



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Monitoring Description:

Total annual distillate oil use for both turbines & generators will not exceed the following (based on a daily rolling basis):

Siemens V84.2: 10.66 x 10⁶ gal/yr.

Work Practice Type: PROCESS MATERIAL THRUPUT
Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL
Upper Permit Limit: 10.66 million gallons per year
Monitoring Frequency: DAILY
Averaging Method: ANNUAL MAXIMUM ROLLED DAILY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 47: Emission offset requirements
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 231-2.4

Item 47.1:

To satisfy the emission offset requirements of Part 231, the facility has obtained 189.5 Emission Reduction Credits (ERCs) of NOx from the following sources:

Facility Name	DEC ID	ERCs (tpy)
Long Island Lighting Company (Lilco) Port Jefferson Facility	1472200107	189.5

Condition 48: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 52.21(j), Subpart A

Item 48.1:

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

Emission Unit: U-00001

Emission Unit: U-00002

Item 48.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC



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Monitoring Description:

Total distillate oil use in the gas turbines is limited to 1008 hours on a 180-day rolling basis, with no more than 96 hours of the 1008 hours during the period of May 1st through October 31st of each year.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Upper Permit Limit: 96 hours

Monitoring Frequency: DAILY

Averaging Method: SEMIANNUAL MAXIMUM ROLLED DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 49: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 52.21(j), Subpart A

Item 49.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00003

Process: 03A

Emission Source: 00031

Emission Unit: U-00004

Process: 04A

Emission Source: 00041

Item 49.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Distillate oil use in each emergency generator is limited to 150 full load equivalent operating hours per year, including routine testing, calculated on a daily rolling basis.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Upper Permit Limit: 32400 gallons per year

Monitoring Frequency: DAILY

Averaging Method: ANNUAL MAXIMUM ROLLED DAILY



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Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

**Condition 50: Date of construction notification.
Effective for entire length of Permit**

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

Item 50.1:

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, postmarked no later than 30 days after such date;
- 3) a notification of the actual date of initial start up, postmarked 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 40 CFR 60. The notice shall be postmarked 60 days or as soon as practicable before the change is commenced and shall include information describing the precise nature of the change, present and proposed emission control systems, productive 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, postmarked not less than 30 days prior to such date;
- 6) a notification of the anticipated date for conducting the opacity observations, postmarked not less than 30 days prior to such date; and
- 7) a notification that continuous opacity monitoring system data results will be used to determine compliance with the applicable opacity standard during the performance test, postmarked not less than 30 days prior to the performance test.

**Condition 51: Recordkeeping requirements.
Effective for entire length of Permit**

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

Item 51.1:

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.



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**Condition 52: Excess emissions report.
Effective for entire length of Permit**

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

Item 52.1:

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

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

**Condition 53: Facility files for subject sources.
Effective for entire length of Permit**

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

Item 53.1:

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

**Condition 54: Performance test methods.
Effective for entire length of Permit**

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

Item 54.1:

Performance testing shall be conducted in accordance with the methods and procedures prescribed in 40 CFR 60 or by alternative methods and procedures approved by the Administrator.

**Condition 55: Prior notice.
Effective for entire length of Permit**

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



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

Item 55.1:

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

**Condition 56: Opacity standard compliance testing.
Effective for entire length of Permit**

Applicable Federal Requirement: 40CFR 60.11, NSPS Subpart A

Item 56.1:

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

- 1) observations shall be conducted in accordance with Reference Method 9, in Appendix A of 40 CFR Part 60 (or an equivalent method approved by the Administrator including continuous opacity monitors);
- 2) the opacity standards apply at all times except during periods of start up, shutdown, and malfunction; and
- 3) all other applicable conditions cited in section 60.11 of this part.

**Condition 57: Circumvention.
Effective for entire length of Permit**

Applicable Federal Requirement: 40CFR 60.12, NSPS Subpart A

Item 57.1:

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 58: Compliance Certification
Effective for entire length of Permit**

Applicable Federal Requirement: 40CFR 60.332(b), NSPS Subpart GG

Item 58.1:

The Compliance Certification activity will be performed for the Facility.

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

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Item 58.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

No owner or operator shall discharge to the atmosphere from a stationary gas turbine, emissions of nitrogen oxides in excess of the following:

$$\text{STD} = 0.0075 * [(14.4) / Y] + F$$

Where: STD = allowable nitrogen oxide emissions in percent volume at 15% excess oxygen on a dry basis,

Y = manufacturer's rated heat rate at manufacturer's rated peak load (kilojoules per watt hour) or the actual measured heat rate based on the lower heating value of the fuel as measured at actual peak load of the facility. The value of Y shall not exceed 14.4 kilojoules per watt hour,

F = nitrogen oxide emission allowance for fuel bound nitrogen:

Fuel bound nitrogen % by weight, where F equals NOx % by volume

$$N \leq 0.015 : F = 0$$

$$0.015 < N \leq 0.1 : 0.04(N)$$

$$0.1 < N \leq 0.25 : 0.004 + 0.0067(N - 0.1)$$

$$N > 0.25 : 0.005$$

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 59: Custom fuel monitoring schedule
Effective for entire length of Permit**

Applicable Federal Requirement: 40CFR 60.334(h)(4), NSPS Subpart GG

Item 59.1:

For any turbine that commenced construction, reconstruction or modification after October 3, 1977, but before July 8, 2004, and for which a custom fuel monitoring schedule has previously been approved, the owner or operator may, without submitting a special petition to the Administrator, continue monitoring on this schedule

Condition 60: Compliance Certification



New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185

Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 75

Item 60.1:

The Compliance Certification activity will be performed for the Facility.

Item 60.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

BNYCP should maintain a file of all measurements, including CEM system performance evaluations; all CEM systems or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required by 40 CFR Part 75 recorded in a permanent form suitable for inspection. The file should be retained for at least five years following the date of such measurement, maintenance, reports, and records.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

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

**Condition 61: Emission Point Definition By Emission Unit
Effective for entire length of Permit**

Applicable Federal Requirement: 6NYCRR 201-6

Item 61.1:

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

Emission Unit: U-00001

Emission Point: 00001

Height (ft.): 310

Diameter (in.): 204

NYTMN (km.): 4505.923 NYTME (km.): 586.533 Building: B41

Item 61.2:



New York State Department of Environmental Conservation

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Facility DEC ID: 2610100185

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

Emission Unit: U-00002

Emission Point: 00002

Height (ft.): 310

Diameter (in.): 204

NYTMN (km.): 4505.923 NYTME (km.): 586.533 Building: B41

Item 61.3:

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

Emission Unit: U-00003

Emission Point: 00003

Height (ft.): 135

Diameter (in.): 14

NYTMN (km.): 4505.923 NYTME (km.): 586.533 Building: B41

Item 61.4:

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

Emission Unit: U-00004

Emission Point: 00004

Height (ft.): 135

Diameter (in.): 14

NYTMN (km.): 4505.923 NYTME (km.): 586.533 Building: B-41

**Condition 62: Process Definition By Emission Unit
Effective for entire length of Permit**

Applicable Federal Requirement: 6NYCRR 201-6

Item 62.1:

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

Emission Unit: U-00001

Process: 01A

Source Classification Code: 2-02-001-01

Process Description:

COMBUSTION OF DISTILLATE OIL DURING LOAD
OPERATIONS BETWEEN 50% TO 100% LOAD.

Emission Source/Control: 00011 - Combustion

Design Capacity: 1,503 million Btu per hour

Emission Source/Control: 00012 - Control

Control Type: DRY LOW NO_x BURNER

Emission Source/Control: 00013 - Control

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Emission Source/Control: 00014 - Control

Control Type: CATALYTIC REDUCTION

Item 62.2:

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

Emission Unit: U-00001

Process: 01B

Source Classification Code: 2-02-002-01

Process Description:

COMBUSTION OF NATURAL GAS DURING LOAD
OPERATIONS BETWEEN 70% TO 100% LOAD.

Emission Source/Control: 00011 - Combustion

Design Capacity: 1,503 million Btu per hour

Emission Source/Control: 00012 - Control

Control Type: DRY LOW NO_x BURNER

Emission Source/Control: 00013 - Control

Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Emission Source/Control: 00014 - Control

Control Type: CATALYTIC REDUCTION

Item 62.3:

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

Emission Unit: U-00001

Process: 01C

Source Classification Code: 2-02-001-01

Process Description:

COMBUSTION OF DISTILLATE OIL AT 30% LOAD
OF ONE TURBINE.

Emission Source/Control: 00011 - Combustion

Design Capacity: 1,503 million Btu per hour

Emission Source/Control: 00012 - Control

Control Type: DRY LOW NO_x BURNER

Emission Source/Control: 00013 - Control

Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Emission Source/Control: 00014 - Control

Control Type: CATALYTIC REDUCTION

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Item 62.4:

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

Emission Unit: U-00001

Process: 01D

Source Classification Code: 2-02-002-01

Process Description:

COMBUSTION OF NATURAL GAS AT 30% LOAD OF
ONE TURBINE.

Emission Source/Control: 00011 - Combustion

Design Capacity: 1,503 million Btu per hour

Emission Source/Control: 00012 - Control

Control Type: DRY LOW NO_x BURNER

Emission Source/Control: 00013 - Control

Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Emission Source/Control: 00014 - Control

Control Type: CATALYTIC REDUCTION

Item 62.5:

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

Emission Unit: U-00002

Process: 02A

Source Classification Code: 2-02-001-01

Process Description:

COMBUSTION OF DISTILLATE OIL DURING LOAD
OPERATIONS BETWEEN 50% TO 100% LOAD.

Emission Source/Control: 00021 - Combustion

Design Capacity: 1,503 million Btu per hour

Emission Source/Control: 00022 - Control

Control Type: DRY LOW NO_x BURNER

Emission Source/Control: 00023 - Control

Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Emission Source/Control: 00024 - Control

Control Type: CATALYTIC REDUCTION

Item 62.6:

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

Emission Unit: U-00002

Process: 02B

Source Classification Code: 2-02-002-01



New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185

Process Description:

COMBUSTION OF NATURAL GAS DURING LOAD
OPERATIONS BETWEEN 50% TO 100% LOAD.

Emission Source/Control: 00021 - Combustion
Design Capacity: 1,503 million Btu per hour

Emission Source/Control: 00022 - Control
Control Type: DRY LOW NO_x BURNER

Emission Source/Control: 00023 - Control
Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Emission Source/Control: 00024 - Control
Control Type: CATALYTIC REDUCTION

Item 62.7:

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

Emission Unit: U-00002

Process: 02C

Source Classification Code: 2-02-001-01

Process Description:

COMBUSTION OF DISTILLATE OIL AT 30% LOAD
OF ONE TURBINE.

Emission Source/Control: 00021 - Combustion
Design Capacity: 1,503 million Btu per hour

Emission Source/Control: 00022 - Control
Control Type: DRY LOW NO_x BURNER

Emission Source/Control: 00023 - Control
Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Emission Source/Control: 00024 - Control
Control Type: CATALYTIC REDUCTION

Item 62.8:

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

Emission Unit: U-00002

Process: 02D

Source Classification Code: 2-02-002-01

Process Description:

COMBUSTION OF NATURAL GAS AT 30% LOAD OF
ONE TURBINE.

Emission Source/Control: 00021 - Combustion



New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185

Design Capacity: 1,503 million Btu per hour

Emission Source/Control: 00022 - Control
Control Type: DRY LOW NO_x BURNER

Emission Source/Control: 00023 - Control
Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Emission Source/Control: 00024 - Control
Control Type: CATALYTIC REDUCTION

Item 62.9:

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

Emission Unit: U-00003
Process: 03A Source Classification Code: 2-02-001-04
Process Description: COMBUSTION OF DISTILLATE FUEL OIL.

Emission Source/Control: 00031 - Combustion
Design Capacity: 2,010 horsepower (mechanical)

Item 62.10:

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

Emission Unit: U-00004
Process: 04A Source Classification Code: 2-02-001-04
Process Description: COMBUSTION OF DISTILLATE FUEL OIL.

Emission Source/Control: 00041 - Combustion
Design Capacity: 2,010 horsepower (mechanical)

Condition 63: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 231-2.2(b)

Item 63.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Item 63.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
BNYCF will continuously measure and record ambient air



New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

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temperature at the facility. Such measurements will be accurate within +/- 1 deg F.

Monitoring Frequency: CONTINUOUS
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 64: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 231-2.2(b)

Item 64.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Item 64.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Each turbine shall be limited to 8,541 hours of operation per year. The facility shall maintain a daily written log of hours of operation of each turbine.

Monitoring Frequency: DAILY
Averaging Method: ANNUAL MAXIMUM ROLLED DAILY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 65: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 231-2.2(b)

Item 65.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Item 65.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES



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Monitoring Description:

Each turbine shall not exceed 121 MW when firing distillate oil or gas. The turbines will fire only natural gas or distillate oil. (Distillate oil is defined as: #1 distillate, #2 distillate, kerosene, or jet a fuel).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 66: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 231-2.2(b)

Item 66.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001

Process: 01A

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 66.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 50% to 100% load.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: VOC

Upper Permit Limit: 0.007 pounds per million Btus

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 67: Compliance Certification
Effective for entire length of Permit



New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185

Applicable Federal Requirement: 6NYCRR 231-2.2(b)

Item 67.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 01A

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

Item 67.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Emission limit during Oil Firing at 30 degrees F and 50%
to 100% load.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine
Parameter Monitored: VOC
Upper Permit Limit: 10.0 pounds per hour
Reference Test Method: CFR Part 60 Method
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

**Condition 68: Compliance Certification
Effective for entire length of Permit**

Applicable Federal Requirement: 6NYCRR 231-2.2(b)

Item 68.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 01A

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

Item 68.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)



New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 50% to 100% load.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure NOx in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour block period during which the average emissions of NOx, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 10.0 parts per million by volume
(dry, corrected to 15% O2)

Reference Test Method: CFR Part 75

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 69: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 231-2.2(b)

Item 69.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 01A

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

Item 69.2:

Compliance Certification shall include the following monitoring:

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 50% to 100% load.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure NOx in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour block period during which the average emissions of NOx, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 58.0 pounds per hour

Reference Test Method: 40 CFR Part 75

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 70: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 201-6

Item 70.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 01A Emission Source: 00011

Regulated Contaminant(s):
CAS No: 000630-08-0 CARBON MONOXIDE

Item 70.2:



New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 50% to 100% load.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure CO in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour block period during which the average emissions of CO, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 18.0 pounds per hour

Reference Test Method: CFR Part 75

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 71: Compliance Certification
Effective for entire length of Permit**

Applicable Federal Requirement: 6NYCRR 201-6

Item 71.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 01A Emission Source: 00011

Regulated Contaminant(s):
CAS No: 000630-08-0 CARBON MONOXIDE



New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185

Item 71.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 50% to 100% load.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure CO in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour block period during which the average emissions of CO, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 5.0 parts per million by volume
(dry, corrected to 15% O₂)

Reference Test Method: CFR Part 75

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 72: Compliance Certification
Effective for entire length of Permit**

Applicable Federal Requirement: 6NYCRR 201-6

Item 72.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 01A Emission Source: 00011

Regulated Contaminant(s):



New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185

CAS No: 007664-41-7 AMMONIA

Item 72.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 50% to 100% load.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: AMMONIA

Upper Permit Limit: 10.0 parts per million by volume
(dry, corrected to 15% O₂)

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 73: Compliance Certification
Effective for entire length of Permit**

Applicable Federal Requirement: 6NYCRR 201-6

Item 73.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001

Process: 01A Emission Source: 00011

Regulated Contaminant(s):

CAS No: 007664-41-7 AMMONIA

Item 73.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 50% to 100% load.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: AMMONIA

Upper Permit Limit: 32.0 pounds per hour

Reference Test Method: CFR Part 60 Method



New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185

Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 74: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 52.21(j), Subpart A

Item 74.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 01A Emission Source: 00011

Regulated Contaminant(s):
CAS No: 0NY075-00-5 PM-10

Item 74.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Emission limit during Oil Firing at 30 degrees F and 50%
to 100% load.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine
Parameter Monitored: PM-10
Upper Permit Limit: 13.5 pounds per hour
Reference Test Method: CFR Part 60 Method
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 75: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 52.21(j), Subpart A

Item 75.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001



New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185

Process: 01A

Emission Source: 00011

Regulated Contaminant(s):

CAS No: 0NY075-00-5 PM-10

Item 75.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 50% to 100% load.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: PM-10

Upper Permit Limit: 0.02 pounds per million Btus

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 76: Compliance Certification
Effective for entire length of Permit**

Applicable Federal Requirement: 6NYCRR 231-2.2(b)

Item 76.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001

Process: 01B

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 76.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit at 30 degrees F and 50% to 100% load during Natural Gas or Bio-Gas firing.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: VOC



New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185

Upper Permit Limit: 2.6 pounds per hour
Reference Test Method: CFR Part 60 Method
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 77: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 231-2.2(b)

Item 77.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 01B

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

Item 77.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Emission limit at 30 degrees F and 50% to 100% load
during Natural Gas or Bio-Gas firing.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine
Parameter Monitored: VOC
Upper Permit Limit: 0.002 pounds per million Btus
Reference Test Method: CFR Part 60 Method
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 78: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 231-2.2(b)

Item 78.1:

The Compliance Certification activity will be performed for:



New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185

Emission Unit: U-00001 Emission Point: 00001
Process: 01B

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:

Emission limit during Natural Gas or Bio-Gas Firing at 30 degrees F and 50% to 100% load.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure NOx in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour block period during which the average emissions of NOx, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 16.0 pounds per hour

Reference Test Method: CFR Part 75

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 79: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 231-2.2(b)

Item 79.1:



New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 01B

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

Item 79.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Natural Gas or Bio-Gas Firing at 30 degrees F and 50% to 100% load.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure NO_x in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour block period during which the average emissions of NO_x, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 3.5 parts per million by volume
(dry, corrected to 15% O₂)

Reference Test Method: CFR Part75

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 80: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 201-6



New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185

Item 80.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 01B Emission Source: 00011

Regulated Contaminant(s):
CAS No: 000630-08-0 CARBON MONOXIDE

Item 80.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Natural Gas or Bio-Gas Firing at 30 degrees F and 50% to 100% load.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure CO in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour block period during which the average emissions of CO, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 4.0 parts per million by volume
(dry, corrected to 15% O₂)

Reference Test Method: CFR Part 75 Method

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 81: Compliance Certification
Effective for entire length of Permit



New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185

Applicable Federal Requirement: 6NYCRR 201-6

Item 81.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 01B Emission Source: 00011

Regulated Contaminant(s):
CAS No: 007664-41-7 AMMONIA

Item 81.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
Monitoring Description:
Emission limit at 30 degrees F and 50% to 100% load
during Natural Gas or Bio-Gas firing.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine
Parameter Monitored: AMMONIA
Upper Permit Limit: 32.0 pounds per hour
Reference Test Method: CFR Part 60 Method
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

**Condition 82: Compliance Certification
Effective for entire length of Permit**

Applicable Federal Requirement: 6NYCRR 201-6

Item 82.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 01B Emission Source: 00011

Regulated Contaminant(s):
CAS No: 007664-41-7 AMMONIA

Item 82.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)



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Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185

Monitoring Description:

Emission limit at 30 degrees F and 50% to 100% load during Natural Gas or Bio-Gas firing.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: AMMONIA

Upper Permit Limit: 10.0 parts per billion by volume (dry, corrected to 15% O₂)

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 83: Compliance Certification
Effective for entire length of Permit**

Applicable Federal Requirement: 6NYCRR 201-6

Item 83.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 01B Emission Source: 00011

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 83.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Natural Gas or Bio-Gas Firing at 30 degrees F and 50% to 100% load.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure CO in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance



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audit;
-excess emission should be identified as any one-hour block period during which the average emissions of CO, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine
Parameter Monitored: CARBON MONOXIDE
Upper Permit Limit: 11.0 pounds per hour
Reference Test Method: CFR Part 75 Method
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 3 calendar month(s).

Condition 84: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 52.21(j), Subpart A

Item 84.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 01B Emission Source: 00011

Regulated Contaminant(s):
CAS No: 0NY075-00-5 PM-10

Item 84.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Emission limit during Natural Gas or Bio-Gas Firing at 30 degrees F and 50% to 100% load. Emission testing to be performed upon request by NYSDEC.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine
Parameter Monitored: PM-10
Upper Permit Limit: 0.004 pounds per million Btus
Reference Test Method: CFR Part 60 Method
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)



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Facility DEC ID: 2610100185

Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 85: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 52.21(j), Subpart A

Item 85.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 01B Emission Source: 00011

Regulated Contaminant(s):
CAS No: 0NY075-00-5 PM-10

Item 85.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Natural Gas or Bio-Gas Firing at 30 degrees F and 50% to 100% load. Emission testing to be performed upon request by NYSDEC.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: PM-10

Upper Permit Limit: 5.1 pounds per hour

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 86: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 231-2.2(b)

Item 86.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 01C



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Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185

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:

Emission limit during Oil Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure NOx in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour block period during which the average emissions of NOx, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 10.0 parts per million by volume
(dry, corrected to 15% O2)

Reference Test Method: CFR Part 75

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 87: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 231-2.2(b)

Item 87.1:



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Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 01C

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

Item 87.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Emission limit during Oil Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine
Parameter Monitored: VOC
Upper Permit Limit: 10.0 pounds per hour
Reference Test Method: CFR Part 60 Method
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 88: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 231-2.2(b)

Item 88.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 01C

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

Item 88.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:



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Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185

Emission limit during Oil Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine
Parameter Monitored: VOC
Upper Permit Limit: 0.007 pounds per million Btus
Reference Test Method: CFR Part 60 Method
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 89: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 231-2.2(b)

Item 89.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 01C

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

Item 89.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure NOx in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:



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- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour block period during which the average emissions of NO_x, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine
Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 25.0 pounds per hour
Reference Test Method: CFR Part 75
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 3 calendar month(s).

Condition 90: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 201-6

Item 90.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 01C Emission Source: 00011

Regulated Contaminant(s):
CAS No: 000630-08-0 CARBON MONOXIDE

Item 90.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure CO in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.



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Facility DEC ID: 2610100185

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour block period during which the average emissions of CO, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine
Parameter Monitored: CARBON MONOXIDE
Upper Permit Limit: 7.5 pounds per hour
Reference Test Method: CFR Part 75 Method
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 3 calendar month(s).

Condition 91: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 201-6

Item 91.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 01C Emission Source: 00011

Regulated Contaminant(s):
CAS No: 000630-08-0 CARBON MONOXIDE

Item 91.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure CO in the gas turbine exhaust stack which



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should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour block period during which the average emissions of CO, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 5.0 parts per million by volume
(dry, corrected to 15% O₂)

Reference Test Method: CFR Part 75 Method

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 92: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 201-6

Item 92.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 01C Emission Source: 00011

Regulated Contaminant(s):
CAS No: 007664-41-7 AMMONIA

Item 92.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst.



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Permit ID: 2-6101-00185/00008

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Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine
Parameter Monitored: AMMONIA
Upper Permit Limit: 10.0 parts per million by volume
(dry, corrected to 15% O₂)
Reference Test Method: CFR Part 60 Method
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 93: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 201-6

Item 93.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 01C Emission Source: 00011

Regulated Contaminant(s):
CAS No: 007664-41-7 AMMONIA

Item 93.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
Monitoring Description:
Emission limit during Oil Firing at 30 degrees F and 30%
load. Only one (1) gas turbine may operate at a time
under this operating scenario in conjunction with a CO
catalyst.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine
Parameter Monitored: AMMONIA
Upper Permit Limit: 10.0 pounds per hour
Reference Test Method: CFR Part 60 Method
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 94: Compliance Certification



New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185

Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 52.21(j), Subpart A

Item 94.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 01C Emission Source: 00011

Regulated Contaminant(s):
CAS No: 0NY075-00-5 PM-10

Item 94.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst. Emission testing to be performed upon request by NYSDEC.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: PM-10

Upper Permit Limit: 0.02 pounds per million Btus

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 95: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 52.21(j), Subpart A

Item 95.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 01C Emission Source: 00011

Regulated Contaminant(s):



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Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185

CAS No: 0NY075-00-5 PM-10

Item 95.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst. Emission testing to be performed upon request by NYSDEC.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: PM-10

Upper Permit Limit: 13.5 pounds per hour

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 96: Compliance Certification
Effective for entire length of Permit**

Applicable Federal Requirement: 6NYCRR 231-2.2(b)

Item 96.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001

Process: 01D

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 96.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit at 30 degrees F and 30% load during Natural Gas or Bio-Gas firing. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst.



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Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine
Parameter Monitored: VOC
Upper Permit Limit: 2.6 pounds per hour
Reference Test Method: CFR Part 60 Method
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 97: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 231-2.2(b)

Item 97.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 01D

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

Item 97.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Natural Gas or Bio-Gas Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure NOx in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour



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block period during which the average emissions of NO_x, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine
Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 16.0 pounds per hour
Reference Test Method: CFR Part 75
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 98: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 231-2.2(b)

Item 98.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 01D

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

Item 98.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Natural Gas or Bio-Gas Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure NO_x in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:



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- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour block period during which the average emissions of NO_x, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 7.5 parts per million by volume
(dry, corrected to 15% O₂)

Reference Test Method: CFR Part 75

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 99: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 231-2.2(b)

Item 99.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 01D

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

Item 99.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit at 30 degrees F and 30% load during
Natural Gas or Bio-Gas firing. Only one (1) gas turbine
may operate at a time under this operating scenario in
conjunction with a CO catalyst.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: VOC

Upper Permit Limit: 0.002 pounds per million Btus

Reference Test Method: CFR Part 60 Method



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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 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 100: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 201-6

Item 100.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 01D Emission Source: 00011

Regulated Contaminant(s):
CAS No: 000630-08-0 CARBON MONOXIDE

Item 100.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
Monitoring Description:

Emission limit during Natural Gas or Bio-Gas Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure CO in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour block period during which the average emissions of CO, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine



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Parameter Monitored: CARBON MONOXIDE
Upper Permit Limit: 6.5 pounds per hour
Reference Test Method: CFR Part 75 Method
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 3 calendar month(s).

Condition 101: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 201-6

Item 101.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 01D Emission Source: 00011

Regulated Contaminant(s):
CAS No: 000630-08-0 CARBON MONOXIDE

Item 101.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Natural Gas or Bio-Gas Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure CO in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour block period during which the average emissions of CO, as measured by the CEM system, exceeds the corresponding mass



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or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 4.0 parts per million by volume
(dry, corrected to 15% O₂)

Reference Test Method: CFR Part 75 Method

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 102: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 201-6

Item 102.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 01D Emission Source: 00011

Regulated Contaminant(s):
CAS No: 007664-41-7 AMMONIA

Item 102.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit at 30 degrees F and 30% load during
Natural Gas or Bio-Gas firing. Only one (1) gas turbine
may operate at a time under this operating scenario in
conjunction with a CO catalyst.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: AMMONIA

Upper Permit Limit: 10.0 parts per million by volume
(dry, corrected to 15% O₂)

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (ANNIVERSARY)

Initial Report Due: 30 days after first semi-annual (6 month) period following Permit Issue Date



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Condition 103: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 201-6

Item 103.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 01D Emission Source: 00011

Regulated Contaminant(s):
CAS No: 007664-41-7 AMMONIA

Item 103.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit at 30 degrees F and 30% load during
Natural Gas or Bio-Gas firing. Only one (1) gas turbine
may operate at a time under this operating scenario in
conjunction with a CO catalyst.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: AMMONIA

Upper Permit Limit: 9.0 pounds per hour

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 104: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 52.21(j), Subpart A

Item 104.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 01D Emission Source: 00011

Regulated Contaminant(s):
CAS No: 0NY075-00-5 PM-10

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Item 104.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Natural Gas or Bio-Gas Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst. Emission testing to be performed upon request by NYSDEC.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: PM-10

Upper Permit Limit: 5.1 pounds per hour

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 105: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 52.21(j), Subpart A

Item 105.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001

Process: 01D Emission Source: 00011

Regulated Contaminant(s):

CAS No: 0NY075-00-5 PM-10

Item 105.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Natural Gas or Bio-Gas Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst. Emission testing to be performed upon request by NYSDEC.



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Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine
Parameter Monitored: PM-10
Upper Permit Limit: 0.004 pounds per million Btus
Reference Test Method: CFR Part 60 Method
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 106: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 231-2.2(b)

Item 106.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Item 106.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

BNYCF WILL CONTINUOUSLY MEASURE AND
RECORD AMBIENT AIR TEMPERATURE AT THE
FACILITY. SUCH MEASUREMENTS WILL BE
ACCURATE WITHIN +/- 1 DEG F.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 107: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 231-2.2(b)

Item 107.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Item 107.2:



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Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

EACH TURBINE SHALL NOT EXCEED 121 MW WHEN FIRING DISTILLATE OIL OR GAS. THE TURBINES WILL FIRE ONLY NATURAL GAS OR DISTILLATE OIL. (DISTILLATE OIL IS DEFINED AS: #1 DISTILLATE, #2 DISTILLATE, KEROSENE, OR JET A FUEL.)

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 108: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 231-2.2(b)

Item 108.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Item 108.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

EACH TURBINE SHALL BE LIMITED TO 8,541 HOURS OF OPERATION PER YEAR. THE FACILITY SHALL MAINTAIN A DAILY WRITTEN LOG OF HOURS OF OPERATION OF EACH TURBINE.

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 109: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 231-2.2(b)



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Item 109.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: 02A

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

Item 109.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Emission limit during Oil Firing at 30 degrees F and 50%
to 100% load.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine
Parameter Monitored: VOC
Upper Permit Limit: 0.007 pounds per million Btus
Reference Test Method: CFR Part 60 Method
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 110: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 231-2.2(b)

Item 110.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: 02A

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

Item 110.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Emission limit during Oil Firing at 30 degrees F and 50%



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to 100% load.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine
Parameter Monitored: VOC
Upper Permit Limit: 10.0 pounds per hour
Reference Test Method: CFR Part 60 Method
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 111: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 231-2.2(b)

Item 111.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: 02A

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

Item 111.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 50%
to 100% load.

BNYCP should calibrate, maintain, and operate a
Continuous Emission Monitoring (CEM) and recording system
to measure NO_x in the gas turbine exhaust stack which
should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to
NYSDEC for every calendar year quarter, which should
include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance
audit;
- excess emission should be identified as any one-hour
block period during which the average emissions of NO_x, as



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measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine
Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 58.0 pounds per hour
Reference Test Method: CFR Part 75
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 3 calendar month(s).

Condition 112: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 231-2.2(b)

Item 112.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: 02A

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

Item 112.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 50% to 100% load.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure NOx in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour



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block period during which the average emissions of NO_x, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 10.0 parts per million by volume
(dry, corrected to 15% O₂)

Reference Test Method: CFR Part 75

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 113: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 201-6

Item 113.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: 02A Emission Source: 00021

Regulated Contaminant(s):
CAS No: 000630-08-0 CARBON MONOXIDE

Item 113.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 50%
to 100% load.

BNYCP should calibrate, maintain, and operate a
Continuous Emission Monitoring (CEM) and recording system
to measure CO in the gas turbine exhaust stack which
should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to
NYSDEC for every calendar year quarter, which should
include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance



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audit;
-excess emission should be identified as any one-hour block period during which the average emissions of CO, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine
Parameter Monitored: CARBON MONOXIDE
Upper Permit Limit: 5.0 parts per million by volume
(dry, corrected to 15% O₂)
Reference Test Method: CFR Part 75 Method
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 3 calendar month(s).

Condition 114: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 201-6

Item 114.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: 02A Emission Source: 00021

Regulated Contaminant(s):
CAS No: 000630-08-0 CARBON MONOXIDE

Item 114.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
Monitoring Description:
Emission limit during Oil Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine
Parameter Monitored: CARBON MONOXIDE
Upper Permit Limit: 18.0 pounds per hour
Reference Test Method: CFR Part 60 Method
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE



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Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 3 calendar month(s).

Condition 115: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 201-6

Item 115.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: 02A Emission Source: 00021

Regulated Contaminant(s):
CAS No: 007664-41-7 AMMONIA

Item 115.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
Monitoring Description:
Emission limit during Oil Firing at 30 degrees F and 50%
to 100% load.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine
Parameter Monitored: AMMONIA
Upper Permit Limit: 32.0 pounds per hour
Reference Test Method: CFR Part 60 Method
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 116: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 201-6

Item 116.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: 02A Emission Source: 00021



New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185

Regulated Contaminant(s):

CAS No: 007664-41-7 AMMONIA

Item 116.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 50% to 100% load.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: AMMONIA

Upper Permit Limit: 10.0 parts per million by volume

(dry, corrected to 15% O₂)

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 117: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 52.21(j), Subpart A

Item 117.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002

Process: 02A Emission Source: 00021

Regulated Contaminant(s):

CAS No: 0NY075-00-5 PM-10

Item 117.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 50% to 100% load. Emission testing to be performed upon request by NYSDEC.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: PM-10



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Upper Permit Limit: 13.5 pounds per hour
Reference Test Method: CFR Part 60 Method
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 118: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 52.21(j), Subpart A

Item 118.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: 02A Emission Source: 00021

Regulated Contaminant(s):
CAS No: 0NY075-00-5 PM-10

Item 118.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Emission limit during Oil Firing at 30 degrees F and 50%
to 100% load. Emission testing to be performed upon
request by NYSDEC.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine
Parameter Monitored: PM-10
Upper Permit Limit: 0.02 pounds per million Btus
Reference Test Method: CFR Part 60 Method
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 119: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 231-2.2(b)



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Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185

Item 119.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: 02B

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

Item 119.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Emission limit at 30 degrees F and 50% to 100% load
during Natural Gas or Bio-Gas firing.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine
Parameter Monitored: VOC
Upper Permit Limit: 0.0002 pounds per million Btus
Reference Test Method: CFR Part 60 Method
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 120: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 231-2.2(b)

Item 120.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: 02B

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

Item 120.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:



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Permit ID: 2-6101-00185/00008

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Emission limit at 30 degrees F and 50% to 100% load during Natural Gas or Bio-Gas firing.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine
Parameter Monitored: VOC
Upper Permit Limit: 2.6 pounds per hour
Reference Test Method: CFR Part 60 Method
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 121: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 231-2.2(b)

Item 121.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: 02B

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

Item 121.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Natural Gas or Bio-Gas Firing at 30 degrees F and 50% to 100% load.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure NOx in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour



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block period during which the average emissions of NO_x, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 3.5 parts per million by volume
(dry, corrected to 15% O₂)

Reference Test Method: CFR Part 75

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 122: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 231-2.2(b)

Item 122.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: 02B

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:

Emission limit during Natural Gas or Bio-Gas Firing at 30 degrees F and 50% to 100% load.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure NO_x in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

-a summary of excess emissions and CEMs downtime;



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- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour block period during which the average emissions of NO_x, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine
Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 16.0 pounds per hour
Reference Test Method: CFR Part 75
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 3 calendar month(s).

Condition 123: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 201-6

Item 123.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: 02B Emission Source: 00021

Regulated Contaminant(s):
CAS No: 000630-08-0 CARBON MONOXIDE

Item 123.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Natural Gas or Bio-Gas Firing at 30 degrees F and 50% to 100% load.
BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure CO in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;



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- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour block period during which the average emissions of CO, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine
Parameter Monitored: CARBON MONOXIDE
Upper Permit Limit: 11.0 pounds per hour
Reference Test Method: CFR Part 75 Method
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 3 calendar month(s).

Condition 124: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 201-6

Item 124.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: 02B Emission Source: 00021

Regulated Contaminant(s):
CAS No: 000630-08-0 CARBON MONOXIDE

Item 124.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Natural Gas or Bio-Gas Firing at 30 degrees F and 50% to 100% load.
BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure CO in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;



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- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour block period during which the average emissions of CO, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine
Parameter Monitored: CARBON MONOXIDE
Upper Permit Limit: 4.0 parts per million by volume
(dry, corrected to 15% O₂)
Reference Test Method: CFR Part 75 Method
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 3 calendar month(s).

Condition 125: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 201-6

Item 125.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: 02B Emission Source: 00021

Regulated Contaminant(s):
CAS No: 007664-41-7 AMMONIA

Item 125.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
Monitoring Description:
Emission limit at 30 degrees F and 50% to 100% load
during Natural Gas or Bio-Gas firing.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine
Parameter Monitored: AMMONIA
Upper Permit Limit: 32.0 pounds per hour
Reference Test Method: CFR Part 60
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)



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Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 126: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 201-6

Item 126.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: 02B Emission Source: 00021

Regulated Contaminant(s):
CAS No: 007664-41-7 AMMONIA

Item 126.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit at 30 degrees F and 50% to 100% load
during Natural Gas or Bio-Gas firing.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: AMMONIA

Upper Permit Limit: 10.0 parts per million by volume
(dry, corrected to 15% O₂)

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 127: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 52.21(j), Subpart A

Item 127.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: 02B Emission Source: 00021



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Permit ID: 2-6101-00185/00008

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Regulated Contaminant(s):

CAS No: 0NY075-00-5 PM-10

Item 127.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Natural Gas or Bio-Gas Firing at 30 degrees F and 50% to 100% load. Emission testing to be performed upon request by NYSDEC.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: PM-10

Upper Permit Limit: 0.004 pounds per million Btus

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 128: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 52.21(j), Subpart A

Item 128.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002

Process: 02B Emission Source: 00021

Regulated Contaminant(s):

CAS No: 0NY075-00-5 PM-10

Item 128.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Natural Gas or Bio-Gas Firing at 30 degrees F and 50% to 100% load. Emission testing to be performed upon request by NYSDEC.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine



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Parameter Monitored: PM-10
Upper Permit Limit: 5.1 pounds per hour
Reference Test Method: CFR Part 60 Method
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 129: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 231-2.2(b)

Item 129.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: 02C

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

Item 129.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure NOx in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour block period during which the average emissions of NOx, as



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measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine
Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 25.0 pounds per hour
Reference Test Method: CFR Part 75
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 3 calendar month(s).

Condition 130: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 231-2.2(b)

Item 130.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: 02C

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

Item 130.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure NOx in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance



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audit;
-excess emission should be identified as any one-hour block period during which the average emissions of NO_x, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine
Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 10.0 parts per million by volume
(dry, corrected to 15% O₂)
Reference Test Method: CFR Part 75
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 3 calendar month(s).

Condition 131: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 231-2.2(b)

Item 131.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: 02C

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

Item 131.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Emission limit during Oil Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine
Parameter Monitored: VOC
Upper Permit Limit: 0.007 pounds per million Btus
Reference Test Method: CFR Part 60 Method
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE



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Facility DEC ID: 2610100185

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 132: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 231-2.2(b)

Item 132.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: 02C

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

Item 132.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 30%
load. Only one (1) gas turbine may operate at a time
under this operating scenario in conjunction with a CO
catalyst.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine
Parameter Monitored: VOC

Upper Permit Limit: 10.0 pounds per hour

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 133: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 201-6

Item 133.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002



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Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185

Process: 02C

Emission Source: 00021

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 133.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure CO in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour block period during which the average emissions of CO, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 5.0 parts per million by volume
(dry, corrected to 15% O₂)

Reference Test Method: CFR Part 75 Method

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 134: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 201-6

Item 134.1:



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The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: 02C Emission Source: 00021

Regulated Contaminant(s):
CAS No: 000630-08-0 CARBON MONOXIDE

Item 134.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure CO in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour block period during which the average emissions of CO, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 7.5 pounds per hour

Reference Test Method: CFR Part 75 Method

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 135: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 201-6

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Item 135.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: 02C Emission Source: 00021

Regulated Contaminant(s):
CAS No: 007664-41-7 AMMONIA

Item 135.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: AMMONIA

Upper Permit Limit: 10.0 pounds per hour

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 136: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 201-6

Item 136.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: 02C Emission Source: 00021

Regulated Contaminant(s):
CAS No: 007664-41-7 AMMONIA

Item 136.2:

Compliance Certification shall include the following monitoring:



New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: AMMONIA

Upper Permit Limit: 10.0 parts per million by volume
(dry, corrected to 15% O₂)

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 137: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 52.21(j), Subpart A

Item 137.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: 02C Emission Source: 00021

Regulated Contaminant(s):
CAS No: 0NY075-00-5 PM-10

Item 137.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Oil Firing at 30 degrees of F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst. Emission testing to be performed upon request by NYSDEC.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: PM-10

Upper Permit Limit: 13.5 pounds per hour

Reference Test Method: CFR Part 60 Method



New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 138: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 52.21(j), Subpart A

Item 138.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: 02C Emission Source: 00021

Regulated Contaminant(s):
CAS No: 0NY075-00-5 PM-10

Item 138.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 30%
load. Only one (1) gas turbine may operate at a time
under this operating scenario in conjunction with a CO
catalyst. Emission testing to be performed upon request
by NYSDEC.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine
Parameter Monitored: PM-10

Upper Permit Limit: 0.02 pounds per million Btus

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 139: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 231-2.2(b)



Item 139.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: 02D

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

Item 139.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Natural Gas or Bio-Gas Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure NO_x in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour block period during which the average emissions of NO_x, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 16.0 pounds per hour

Reference Test Method: CFR Part75

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 140: Compliance Certification



New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185

Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 231-2.2(b)

Item 140.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: 02D

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

Item 140.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Natural Gas or Bio-Gas Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure NO_x in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour block period during which the average emissions of NO_x, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 7.5 parts per million by volume
(dry, corrected to 15% O₂)

Reference Test Method: CFR Part 75

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)



New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185

Reports due 30 days after the reporting period.
Subsequent reports are due every 3 calendar month(s).

Condition 141: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 231-2.2(b)

Item 141.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: 02D

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

Item 141.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit at 30 degrees F and 30% load during
Natural Gas or Bio-Gas firing. Only one (1) gas turbine
may operate at a time under this operating scenario in
conjunction with a CO catalyst.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: VOC

Upper Permit Limit: 2.6 pounds per hour

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 142: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 231-2.2(b)

Item 142.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: 02D



New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185

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

Item 142.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Emission limit at 30 degrees F and 30% load during
Natural Gas or Bio-Gas firing. Only one (1) gas turbine
may operate at a time under this operating scenario in
conjunction with a CO catalyst.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine
Parameter Monitored: VOC
Upper Permit Limit: 0.002 pounds per million Btus
Reference Test Method: CFR Part 60 Method
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 143: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 201-6

Item 143.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: 02D Emission Source: 00021

Regulated Contaminant(s):
CAS No: 000630-08-0 CARBON MONOXIDE

Item 143.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
Monitoring Description:
Emission limit during Natural Gas or Bio-Gas Firing at 30
degrees F and 30% load. Only one (1) gas turbine may
operate at a time under this operating scenario in
conjunction with a CO catalyst.



New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure CO in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour block period during which the average emissions of CO, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 4.0 parts per million by volume
(dry, corrected to 15% O₂)

Reference Test Method: CFR Part 75 Method

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 144: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 201-6

Item 144.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: 02D Emission Source: 00021

Regulated Contaminant(s):
CAS No: 000630-08-0 CARBON MONOXIDE

Item 144.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
Monitoring Description:



New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185

Emission limit during Natural Gas or Bio-Gas Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure CO in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour block period during which the average emissions of CO, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine
Parameter Monitored: CARBON MONOXIDE
Upper Permit Limit: 6.5 pounds per hour
Reference Test Method: CFR Part 75 Method
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 3 calendar month(s).

Condition 145: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 201-6

Item 145.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: 02D Emission Source: 00021

Regulated Contaminant(s):
CAS No: 007664-41-7 AMMONIA

Item 145.2:

Compliance Certification shall include the following monitoring:

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit at 30 degrees F and 30% load during Natural Gas or Bio-Gas firing. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: AMMONIA

Upper Permit Limit: 10.0 parts per million by volume
(dry, corrected to 15% O₂)

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 146: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 201-6

Item 146.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: 02D Emission Source: 00021

Regulated Contaminant(s):
CAS No: 007664-41-7 AMMONIA

Item 146.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit at 30 degrees F and 30% load during Natural Gas or Bio-Gas firing. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: AMMONIA

Upper Permit Limit: 9.0 pounds per hour

Reference Test Method: CFR Part 60 Method



New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185

Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 147: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 52.21(j), Subpart A

Item 147.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: 02D Emission Source: 00021

Regulated Contaminant(s):
CAS No: 0NY075-00-5 PM-10

Item 147.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:

Emission limit during Natural Gas or Bio-Gas Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst. Emission testing to be performed upon request by NYSDEC.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine
Parameter Monitored: PM-10
Upper Permit Limit: 0.004 pounds per million Btus
Reference Test Method: CFR Part 60 Method
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 148: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 52.21(j), Subpart A



New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185

Item 148.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: 02D Emission Source: 00021

Regulated Contaminant(s):
CAS No: 0NY075-00-5 PM-10

Item 148.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Emission limit during Natural Gas or Bio-Gas Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst. Emission testing to be performed upon request by NYSDEC.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine
Parameter Monitored: PM-10
Upper Permit Limit: 5.1 pounds per hour
Reference Test Method: CFR Part 60 Method
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 149: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 231-2.2(b)

Item 149.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00003

Item 149.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
THE EMERGENCY GENERATORS WILL ONLY FIRE

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



DISTILLATE OIL AND WILL NOT OPERATE IN
CONJUNCTION WITH ONE OR MORE COMBUSTION
TURBINES EXCEPT DURING PERIODS OF LIMITED
TESTING.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 150: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 231-2.2(b)

Item 150.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00003 Emission Point: 00003
Process: 03A

Regulated Contaminant(s):

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

Item 150.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Oil Firing.

Manufacturer Name/Model Number: 1500 KW Oil Firing Emergency Generator

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 32.1 pounds per hour

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 151: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 231-2.2(b)



New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185

Item 151.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00003 Emission Point: 00003
Process: 03A

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

Item 151.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Emission limit during Oil Firing.

Manufacturer Name/Model Number: 1500 KW Oil Firing Emergency Generator
Parameter Monitored: VOC
Upper Permit Limit: 0.032 pounds per million Btus
Reference Test Method: CFR Part 60 Method
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 152: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 231-2.2(b)

Item 152.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00003 Emission Point: 00003
Process: 03A

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

Item 152.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Emission limit during Oil Firing.



New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185

Manufacturer Name/Model Number: 1500 KW Oil Firing Emergency Generator
Parameter Monitored: VOC
Upper Permit Limit: 0.48 pounds per hour
Reference Test Method: CFR Part 60 Method
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 153: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 231-2.2(b)

Item 153.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00003 Emission Point: 00003
Process: 03A

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

Item 153.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Emission limit during Oil Firing.

Manufacturer Name/Model Number: 1500 KW Oil Firing Emergency Generator
Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 2.2 pounds per million Btus
Reference Test Method: CFR Part 60 Method
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 154: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 201-6

Item 154.1:



New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185

The Compliance Certification activity will be performed for:

Emission Unit: U-00003 Emission Point: 00003
Process: 03A Emission Source: 00031

Regulated Contaminant(s):
CAS No: 000630-08-0 CARBON MONOXIDE

Item 154.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Emission limit during Oil Firing.

Manufacturer Name/Model Number: 1500 KW Oil Firing Emergency Generator
Parameter Monitored: CARBON MONOXIDE
Upper Permit Limit: 1.92 pounds per hour
Reference Test Method: CFR Part 60 Method
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 155: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 201-6

Item 155.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00003 Emission Point: 00003
Process: 03A Emission Source: 00031

Regulated Contaminant(s):
CAS No: 000630-08-0 CARBON MONOXIDE

Item 155.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Emission limit during Oil Firing.

Manufacturer Name/Model Number: 1500 KW Oil Firing Emergency Generator



New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185

Parameter Monitored: CARBON MONOXIDE
Upper Permit Limit: 0.13 pounds per million Btus
Reference Test Method: CFR Part 60 Method
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 156: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 52.21(j), Subpart A

Item 156.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00003 Emission Point: 00003
Process: 03A Emission Source: 00031

Regulated Contaminant(s):
CAS No: 0NY075-00-5 PM-10

Item 156.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Emission limit during Oil Firing.

Manufacturer Name/Model Number: 1500 KW Oil Firing Emergency Generator
Parameter Monitored: PM-10
Upper Permit Limit: 0.48 pounds per hour
Reference Test Method: CFR Part 60 Method
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 157: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 52.21(j), Subpart A

Item 157.1:

The Compliance Certification activity will be performed for:



New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185

Emission Unit: U-00003 Emission Point: 00003
Process: 03A Emission Source: 00031

Regulated Contaminant(s):
CAS No: 0NY075-00-5 PM-10

Item 157.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Emission limit during Oil Firing.

Manufacturer Name/Model Number: 1500 KW Oil Firing Emergency Generator
Parameter Monitored: PM-10
Upper Permit Limit: 0.032 pounds per million Btus
Reference Test Method: CFR Part 60 Method
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 158: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 231-2.2(b)

Item 158.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00004

Item 158.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
THE EMERGENCY GENERATORS WILL ONLY FIRE
DISTILLATE OIL AND WILL NOT OPERATE IN
CONJUNCTION WITH ONE OR MORE COMBUSTION
TURBINES EXCEPT DURING LIMITED TESTING
PERIODS.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION



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Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 159: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 231-2.2(b)

Item 159.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00004 Emission Point: 00004
Process: 04A

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

Item 159.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Emission limit during Oil Firing.

Manufacturer Name/Model Number: 1500 KW Oil Firing Emergency Generator
Parameter Monitored: VOC
Upper Permit Limit: 0.032 pounds per million Btus
Reference Test Method: CFR Part 60 Method
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 160: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 231-2.2(b)

Item 160.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00004 Emission Point: 00004
Process: 04A

Regulated Contaminant(s):



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Facility DEC ID: 2610100185

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

Item 160.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Oil Firing. Emission testing to be performed upon request by NYSDEC.

Manufacturer Name/Model Number: 1500 KW Oil Firing Emergency Generator

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 32.1 pounds per hour

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 161: Compliance Certification

Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 231-2.2(b)

Item 161.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00004 Emission Point: 00004

Process: 04A

Regulated Contaminant(s):

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

Item 161.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Oil Firing.

Manufacturer Name/Model Number: 1500 KW Oil Firing Emergency Generator

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 2.2 pounds per million Btus

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE



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Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 162: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 231-2.2(b)

Item 162.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00004 Emission Point: 00004
Process: 04A

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

Item 162.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Emission limit during Oil Firing.

Manufacturer Name/Model Number: 1500 KW Oil Firing Emergency Generator
Parameter Monitored: VOC
Upper Permit Limit: 0.48 pounds per hour
Reference Test Method: CFR Part 60 Method
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 163: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 201-6

Item 163.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00004 Emission Point: 00004
Process: 04A Emission Source: 00041

Regulated Contaminant(s):



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Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185

CAS No: 000630-08-0 CARBON MONOXIDE

Item 163.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Oil Firing.

Manufacturer Name/Model Number: 1500 KW Oil Firing Emergency Generator

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 0.13 pounds per million Btus

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 164: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 201-6

Item 164.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00004 Emission Point: 00004

Process: 04A Emission Source: 00041

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 164.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Oil Firing.

Manufacturer Name/Model Number: 1500 KW Oil Firing Emergency Generator

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 1.92 pounds per hour

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)



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Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 165: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 52.21(j), Subpart A

Item 165.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00004 Emission Point: 00004
Process: 04A Emission Source: 00041

Regulated Contaminant(s):
CAS No: 0NY075-00-5 PM-10

Item 165.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Emission limit during Oil Firing.

Manufacturer Name/Model Number: 1500 KW Oil Firing Emergency Generator
Parameter Monitored: PM-10
Upper Permit Limit: 0.48 pounds per hour
Reference Test Method: CFR Part 60 Method
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 166: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 52.21(j), Subpart A

Item 166.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00004 Emission Point: 00004
Process: 04A Emission Source: 00041

Regulated Contaminant(s):
CAS No: 0NY075-00-5 PM-10



Item 166.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Oil Firing.

Manufacturer Name/Model Number: 1500 KW Oil Firing Emergency Generator

Parameter Monitored: PM-10

Upper Permit Limit: 0.032 pounds per million Btus

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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 167: Contaminant List
Effective for entire length of Permit**

Applicable State Requirement: ECL 19-0301

Item 167.1:

Emissions of the following contaminants are subject to contaminant specific requirements in this



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permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 007664-41-7

Name: AMMONIA

CAS No: 000630-08-0

Name: CARBON MONOXIDE

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

CAS No: 0NY075-00-5

Name: PM-10

CAS No: 0NY998-00-0

Name: VOC

Condition 168: Unavoidable noncompliance and violations
Effective for entire length of Permit

Applicable State Requirement: 6NYCRR 201-1.4

Item 168.1:

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

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

(b) In the event that emissions of air contaminants in excess of any emission standard in 6 NYCRR Chapter III Subchapter A occur due to a malfunction, the facility owner and/or operator shall report such malfunction by telephone to the commissioner's representative as soon as possible during normal working hours, but in any event not later than two working days after becoming aware that the malfunction occurred. Within 30 days thereafter, when requested in writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate



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of the emission rates. These reporting requirements are superceded by conditions elsewhere in this permit which contain reporting and notification provisions for applicable requirements more stringent than those above.

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

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

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

Condition 169: Air pollution prohibited
Effective for entire length of Permit

Applicable State Requirement: 6NYCRR 211.2

Item 169.1:

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

Condition 170: Compliance Demonstration
Effective for entire length of Permit

Applicable State Requirement: 6NYCRR 237-1.6(c)

Item 170.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 170.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owners and operators of each NO_x budget source and each NO_x budget unit at the source shall hold NO_x

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allowances available for compliance deductions under NYCRR 237-6.5, as of the NOx allowance transfer deadline, in the unit's compliance account and the source's overdraft account in an amount not less than the total NOx emissions for the control period from the unit, as determined in accordance with NYCRR 237-8.

Each ton of NOx emitted in excess of the NOx budget emissions limitation shall constitute a separate violation of applicable State law.

A NOx budget unit shall be subject to the requirements under NYCRR 237-1.6(c)(1) starting when the unit commences operation.

NOx allowances shall be held in, deducted from, or transferred among NOx Allowance Tracking System accounts in accordance with NYCRR 237-5, 237-6, 237-7, and 237-9.

Except for future control period NOx allowances which may be deducted pursuant to NYCRR 237-6.5(f), a NOx allowance shall not be deducted, in order to comply with the requirements under NYCRR 237-1.6(c)(1), for a control period in a year prior to the year for which the NOx allowance was allocated.

A NOx allowance allocated by the department under the Acid Deposition Reduction (ADR) NOx Budget Trading Program is a limited authorization to emit one ton of NOx in accordance with the ADR NOx Budget Trading Program. No provision of the ADR NOx Budget Trading Program, the NOx budget permit application, or the NOx budget permit or any provision of law shall be construed to limit the authority of the State to terminate or limit such authorization.

A NOx allowance allocated by the department under the ADR NOx Budget Trading Program does not constitute a property right.

The owners and operators of a NOx budget unit that has excess emissions in any control period shall: Forfeit the NOx allowances required for deduction under NYCRR 237-6.5(d)(1); and pay any fine, penalty, or assessment or comply with any other remedy imposed under NYCRR 237-6.5(d)(3).



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Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 171: Recordkeeping and Reporting Requirements
Effective for entire length of Permit**

Applicable State Requirement: 6NYCRR 237-1.6(e)

Item 171.1:

Unless otherwise provided, the owners and operators of the NOx budget source and each NOx budget unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time prior to the end of 5 years, in writing by the department:

- 1) The account certificate of representation for the NOx authorized account representative for the source and each NOx budget unit at the source and all documents that demonstrate the truth of the statements in the account certificate of representation, in accordance with NYCRR 237-2.4; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new account certificate of representation changing the NOx authorized account representative.
- 2) All emissions monitoring information, in accordance with NYCRR 237-8.
- 3) Copies of all reports, compliance certifications, and other submissions and all records made or required under the ADR NOx Budget Trading Program.
- 4) Copies of all documents used to complete a NOx budget permit application and any other submission under the ADR NOx Budget Trading Program or to demonstrate compliance with the requirements of the ADR NOx Budget Trading Program.

The NOx authorized account representative of a NOx budget source and each NOx budget unit at the source shall submit the reports and compliance certifications required under the ADR NOx Budget Trading Program, including those under NYCRR 237-4, 237-8, or 237-9.

**Condition 172: Liability- facility and units with common stacks
Effective for entire length of Permit**

Applicable State Requirement: 6NYCRR 237-1.6(f)

Item 172.1:

No permit revision shall excuse any violation of the requirements of the ADR NOx Budget Trading Program that occurs prior to the date that the revision takes effect.

Any provision of the ADR NOx Budget Trading Program that applies to a NOx budget source (including a provision applicable to the NOx authorized account representative of a NOx budget source) shall also apply to the owners and operators of such source and of the NOx budget units at the source.



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Any provision of the ADR NOx Budget Trading Program that applies to a NOx budget unit (including a provision applicable to the NOx authorized account representative of a NOx budget unit) shall also apply to the owners and operators of such unit. Except with regard to the requirements applicable to units with a common stack under NYCRR 237-8, the owners and operators and the NOx authorized account representative of one NOx budget unit shall not be liable for any violation by any other NOx budget unit of which they are not owners or operators or the NOx authorized account representative and that is located at a source of which they are not owners or operators or the NOx authorized account representative.

Condition 173: Effect on other Authorities
Effective for entire length of Permit

Applicable State Requirement: 6NYCRR 237-1.6(g)

Item 173.1:

No provision of the ADR NOx Budget Trading Program, a NOx budget permit application, or a NOx budget permit, shall be construed as exempting or excluding the owners and operators and, to the extent applicable, the NOx authorized account representative of a NOx budget source or NOx budget unit from compliance with any other provisions of applicable State and federal law and regulations.

Condition 174: Authorization and responsibilities of the NOx authorized account representative
Effective for entire length of Permit

Applicable State Requirement: 6NYCRR 237-2

Item 174.1:

Except as provided under NYCRR 237-2.2, each NOx budget source, including all NOx budget units at the source, shall have one and only one NOx authorized account representative, with regard to all matters under the Acid Deposition Reduction (ADR) NOx Budget Trading Program concerning the source or any NOx budget unit at the source.

The NOx authorized account representative of the NOx budget source shall be selected by an agreement binding on the owners and operators of the source and all NOx budget units at the source.

Upon receipt by the department or its agent of a complete account certificate of representation under NYCRR 237-2.4, the NOx authorized account representative of the source shall represent and, by his or her representations, actions, inactions, or submissions, legally bind each owner and operator of the NOx budget source represented and each NOx budget unit at the source in all matters pertaining to the ADR NOx Budget Trading Program, notwithstanding any agreement between the NOx authorized account representative and such owners and operators. The owners and operators shall be bound by any decision or order issued to the NOx authorized account representative by the department or a court regarding the source or unit.

No NOx budget permit shall be issued, and no NOx Allowance Tracking System account shall be established for a NOx budget unit at a source, until the department or its agent has received a complete



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account certificate of representation under NYCRR 237-2.4 for a NOx authorized account representative of the source and the NOx budget units at the source.

Each submission under the ADR NOx Budget Trading Program shall be submitted, signed, and certified by the NOx authorized account representative for each NOx budget source on behalf of which the submission is made. Each such submission shall include the following certification statement by the NOx authorized account representative: "I am authorized to make this submission on behalf of the owners and operators of the NOx budget sources or NOx budget units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment."

The department or its agent will accept or act on a submission made on behalf of owners or operators of a NOx budget source or a NOx budget unit only if the submission has been made, signed, and certified in accordance with NYCRR 237-2.1(e)(1).

Condition 175: Compliance Demonstration
Effective for entire length of Permit

Applicable State Requirement: 6NYCRR 237-4.1

Item 175.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 175.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For each control period in which one or more NOx budget units at a source are subject to the NOx budget emissions limitation, the NOx authorized account representative of the source shall submit to the department by the September 30 following the relevant control period, a compliance certification report for each source covering all such units.

The NOx authorized account representative shall include in the compliance certification report the following elements, in a format prescribed by the department, concerning each unit at the source and subject to the NOx budget emissions limitation for the control period covered

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by the report:

- (1) identification of each NOx budget unit;
- (2) except in instances when the NOx budget unit seeks to use future control period NOx allowances which may be deducted pursuant to NYCRR 237-6.5(f), at the NOx authorized account representative's option, the serial numbers of the NOx allowances that are to be deducted from each unit's compliance account under NYCRR 237-6.5 for the control period;
- (3) at the NOx authorized account representative's option, for units sharing a common stack and having NOx emissions that are not monitored separately or apportioned in accordance with NYCRR 237-8, the percentage of NOx allowances that is to be deducted from each unit's compliance account under NYCRR 237-6.5(e);
- (4) for units using future control period allowances for compliance purposes pursuant to NYCRR 237-6.5(f), the statement of intent and report required under NYCRR 237-6.5(f)(2); and
- (5) the compliance certification under NYCRR 237-4(c).

In the compliance certification report the NOx authorized account representative shall certify, based on reasonable inquiry of those persons with primary responsibility for operating the source and the NOx budget units at the source in compliance with the Acid Deposition Reduction (ADR) NOx Budget Trading Program, whether each NOx budget unit for which the compliance certification is submitted was operated during the calendar year covered by the report in compliance with the requirements of the ADR NOx Budget Trading Program applicable to the unit, including:

- (a) whether the unit was operated in compliance with the NOx budget emissions limitation;
- (b) whether the monitoring plan that governs the unit has been maintained to reflect the actual operation and monitoring of the unit, and contains all information necessary to attribute NOx emissions to the unit, in accordance with NYCRR 237-8;



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(c) whether all the NO_x emissions from the unit, or a group of units (including the unit) using a common stack, were monitored or accounted for through the missing data procedures and reported in the quarterly monitoring reports, including whether conditional data were reported in the quarterly reports in accordance with NYCRR 237-8. If conditional data were reported, the owner or operator shall indicate whether the status of all conditional data has been resolved and all necessary quarterly report resubmissions have been made;

(d) whether the facts that form the basis for certification under NYCRR 237-8 of each monitor at the unit or a group of units (including the unit) using a common stack, or for using an excepted monitoring method or alternative monitoring method approved under NYCRR 237-8, if any, has changed; and

(e) if a change is required to be reported in (4) above, specify the nature of the change, the reason for the change, when the change occurred, and how the unit's compliance status was determined subsequent to the change, including what method was used to determine emissions when a change mandated the need for monitor recertification.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 176: Submission of NO_x allowance transfers
Effective for entire length of Permit**

Applicable State Requirement: 6NYCRR 237-7.1

Item 176.1:

The NO_x authorized account representatives seeking recordation of a NO_x allowance transfer shall submit the transfer to the department or its agent. To be considered correctly submitted, the NO_x allowance transfer shall include the following elements in a format specified by the department or its agent:

- (a) the numbers identifying both the transferor and transferee accounts;
- (b) a specification by serial number of each NO_x allowance to be transferred; and
- (c) the printed name and signature of the NO_x authorized account representative of the transferor account and the date signed.



Condition 177: Compliance Demonstration
Effective for entire length of Permit

Applicable State Requirement: 6NYCRR 237-8

Item 177.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 177.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owners and operators, and to the extent applicable, the NOx authorized account representative of a NOx budget unit, shall comply with the monitoring and reporting requirements as provided in this NYCRR 237-8 and in Subpart H of 40 CFR part 75. For purposes of complying with such requirements, the definitions in NYCRR 237-1.2 and in 40 CFR 72.2 shall apply, and the terms "affected unit," and "designated representative" in 40 CFR part 75 shall be replaced by the terms "NOx budget unit," and "NOx authorized account representative," respectively, as defined in section 237-1.2.

For any NOx budget unit which is also a NOx budget unit under Part 204 of this title, prior or contemporaneous timely submissions in compliance with the requirements of Subpart 204-8 may, when appropriate, be summarily referenced by the owners and operators of the NOx budget unit in order to demonstrate compliance with the requirements of this Subpart:

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 178: Applicability
Effective for entire length of Permit

Applicable State Requirement: 6NYCRR 238-1.4

Item 178.1:

This facility has one or more affected SO2 budget units as defined at 42 U.S.C. section 7651aC(2) and is subject to the requirements of NYCRR 238.



Condition 179: Permit Requirements
Effective for entire length of Permit

Applicable State Requirement: 6NYCRR 238-1.6(a)

Item 179.1:

The SO2 authorized account representative of each SO2 budget unit shall:

- (i) submit to the department a complete SO2 budget permit application under section 238-3.3 in accordance with the deadlines specified in NYCRR 238-3.2, which states the later of October 1, 2004 or 12 months before the date on which the SO2 budget unit commences operation;
- (ii) submit in a timely manner any supplemental information that the department determines is necessary in order to review an SO2 budget permit application and issue or deny an SO2 budget permit.

The owners and operators of each SO2 budget unit shall have an SO2 budget permit and operate the unit in compliance with such SO2 budget permit.

Condition 180: Compliance Demonstration
Effective for entire length of Permit

Applicable State Requirement: 6NYCRR 238-1.6(c)

Item 180.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 180.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Owners and operators of each SO2 budget source and each SO2 budget unit at the source shall hold SO2 allowances available for compliance deductions under NYCRR 238-6.5, as of the SO2 allowance transfer deadline, in the unit's compliance account and the source's overdraft account in an amount not less than the total SO2 emissions for the control period from the unit, as determined in accordance with NYCRR 238-8.

Each ton of sulfur dioxide emitted in excess of the SO2 budget emissions limitation shall constitute a separate violation of this Part, the Act, and applicable State law.



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An SO₂ budget unit shall be subject to the requirements under NYCRR 1.6 (c)(1) on the date on which the unit commences operation.

SO₂ allowances shall be held in, deducted from, or transferred among SO₂ Allowance Tracking System accounts in accordance with NYCRR 238-5, 238-6, and 238-7.

Except for future control period SO₂ allowances which may be deducted pursuant to NYCRR 238-6.5(f), an SO₂ allowance shall not be deducted, in order to comply with the requirements under NYCRR 238-1.6(c)(1) for a control period in a year prior to the year for which the SO₂ allowance was allocated.

An SO₂ allowance allocated by the department under the ADR SO₂ budget Trading Program is a limited authorization to emit one ton of sulfur dioxide in accordance with the Acid Deposition Reduction (ADR) SO₂ Budget Trading Program. No provision of the ADR SO₂ Budget Trading Program, the SO₂ budget permit application, or the SO₂ budget permit or any provision of law shall be construed to limit the authority of the United States or the State to terminate or limit such authorization.

An SO₂ allowance allocated by the department under the ADR SO₂ Budget Trading Program does not constitute a property right.

The owners and operators of an SO₂ budget unit that has excess emissions in any control period shall: Forfeit the SO₂ allowances required for deduction under NYCRR 238-6.5(d)(1); and Pay any fine, penalty, or assessment or comply with any other remedy imposed under NYCRR 238-6.5(d)(3).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 181: Compliance Demonstration
Effective for entire length of Permit

Applicable State Requirement: 6NYCRR 238-1.6(e)



Item 181.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 181.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Unless otherwise provided, the owners and operators of the SO₂ budget source and each SO₂ budget unit at the source shall keep on site or at a site approved by the Department each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time prior to the end of 5 years, in writing by the department.

The account certificate of representation for the SO₂ authorized account representative for the source and each SO₂ budget unit at the source and all documents that demonstrate the truth of the statements in the account certificate of representation, in accordance with NYCRR 238-2.4; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new account certificate of representation changing the SO₂ authorized account representative;

All emissions monitoring information, in accordance with NYCRR 238-8;

Copies of all reports, compliance certifications, and other submissions and all records made or required under the ADR SO₂ Budget Trading Program;

Copies of all documents used to complete an SO₂ budget permit application and any other submission under the ADR SO₂ Budget Trading Program or to demonstrate compliance with the requirements of the ADR SO₂ Budget Trading Program;

The SO₂ authorized account representative of an SO₂ budget source and each SO₂ budget unit at the source shall submit the reports and compliance certifications required under the ADR SO₂ Budget Trading Program, including those under NYCRR 238-4, or 238-8.



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Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 182: Liability

Effective for entire length of Permit

Applicable State Requirement: 6NYCRR 238-1.6(f)

Item 182.1:

No permit revision shall excuse any violation of the requirements of the ADR SO₂ Budget Trading Program that occurs prior to the date that the revision takes effect.

Any provision of the ADR SO₂ Budget Trading Program that applies to an SO₂ budget source (including a provision applicable to the SO₂ authorized account representative of an SO₂ budget source) shall also apply to the owners and operators of such source and of the SO₂ budget units at the source;

Any provision of the ADR SO₂ Budget Trading Program that applies to an SO₂ budget unit (including a provision applicable to the SO₂ authorized account representative of an SO₂ budget unit) shall also apply to the owners and operators of such unit. Except with regard to the requirements applicable to units with a common stack under Subpart 238-8, the owners and operators and the SO₂ authorized account representative of one SO₂ budget unit shall not be liable for any violation by any other SO₂ budget unit of which they are not owners or operators or the SO₂ authorized account representative and that is located at a source of which they are not owners or operators or the SO₂ authorized account representative.

Condition 183: Effect on Other Authorities

Effective for entire length of Permit

Applicable State Requirement: 6NYCRR 238-1.6(g)

Item 183.1:

No provision of the ADR SO₂ Budget Trading Program, an SO₂ budget permit application, or an SO₂ budget permit, shall be construed as exempting or excluding the owners and operators and, to the extent applicable, the SO₂ authorized account representative of an SO₂ budget source or SO₂ budget unit from compliance with any other provisions of applicable State and federal law and regulation.

Condition 184: Submissions to the Department

Effective for entire length of Permit

Applicable State Requirement: 6NYCRR 238-2.1

Item 184.1:

Each submission under the Acid Deposition Reduction (ADR) SO₂ Budget Trading Program shall be submitted, signed, and certified by the SO₂ authorized account representative for each SO₂ budget source on behalf of which the submission is made. Each such submission shall include the following



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certification statement by the SO2 authorized account representative:

"I am authorized to make this submission on behalf of the owners and operators of the SO2 budget sources or SO2 budget units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment."

Condition 185: Compliance Demonstration
Effective for entire length of Permit

Applicable State Requirement: 6NYCRR 238-4.1

Item 185.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 185.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For each control period in which one or more SO2 budget units at a source are subject to the SO2 budget emissions limitation, the SO2 authorized account representative of the source shall submit to the Department by the March 1 following the relevant control period, a compliance certification report for each source covering all such units; as per NYCRR 238-4.

The SO2 authorized account representative shall include in the compliance certification the following elements, in a format prescribed by the department, concerning each unit at the source and subject to the SO2 budget emissions limitation for the control period covered by the report:

(1) identification of each SO2 budget unit;

(2) except in instances when the SO2 budget unit seeks to use future control period SO2 allowances which may be deducted pursuant to NYCRR 238-6.5(f), at the SO2 authorized account representative's option, the serial

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numbers of the SO₂ allowances that are to be deducted from each unit's compliance account under NYCRR 238-6.5 for the control period;

(3) at the SO₂ authorized account representative's option, for units sharing a common stack and having SO₂ emissions that are not monitored separately or apportioned in accordance with NYCRR 238-8, the percentage of SO₂ allowances that is to be deducted from each unit's compliance account under NYCRR 238-6.5(e);

(4) for units using future control period allowances for compliance purposes pursuant to NYCRR 238-6.5(f), the statement of intent and report required under NYCRR 238-6.5(f)(2); and

(5) the compliance certification under NYCRR 238-4.1(c).

In the compliance certification report, the SO₂ authorized account representative shall certify, based on reasonable inquiry of those persons with primary responsibility for operating the source and the SO₂ budget units at the source in compliance with the ADR SO₂ Budget Trading Program, whether each SO₂ budget unit for which the compliance certification is submitted was operated during the calendar year covered by the report in compliance with the requirements of the ADR SO₂ Budget Trading Program applicable to the unit, including:

(a) whether the unit was operated in compliance with the SO₂ budget emissions limitation;

(b) whether the monitoring plan that governs the unit has been maintained to reflect the actual operation and monitoring of the unit, and contains all information necessary to attribute SO₂ emissions to the unit, in accordance with Subpart 238-8;

(c) whether all the SO₂ emissions from the unit, or a group of units (including the unit) using a common stack, were monitored or accounted for through the missing data procedures and reported in the quarterly monitoring reports, including whether conditional data were reported in the quarterly reports in accordance with Subpart 238-8. If conditional data were reported, the owner or operator shall indicate whether the status of all conditional data



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has been resolved and all necessary quarterly report resubmissions have been made;

(d) whether the facts that form the basis for certification under Subpart 238-8 of each monitor at the unit or a group of units (including the unit) using a common stack, or for using an excepted monitoring method or alternative monitoring method approved under Subpart 238-8, if any, has changed; and

(e) if a change is required to be reported under (4) above, specify the nature of the change, the reason for the change, when the change occurred, and how the unit's compliance status was determined subsequent to the change, including what method was used to determine emissions when a change mandated the need for monitor recertification.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due by March 1st

**Condition 186: Submission of SO₂ allowance transfers
Effective for entire length of Permit**

Applicable State Requirement: 6NYCRR 238-7.1

Item 186.1:

The SO₂ authorized account representatives seeking recordation of an SO₂ allowance transfer shall submit the transfer to the department or its agent. To be considered correctly submitted, the SO₂ allowance transfer shall include the following elements in a format specified by the department or its agent:

- (a) the numbers identifying both the transferor and transferee accounts;
- (b) a specification by serial number of each SO₂ allowance to be transferred; and
- (c) the printed name and signature of the SO₂ authorized account representative of the transferor account and the date signed.

**Condition 187: Compliance Demonstration
Effective for entire length of Permit**

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Applicable State Requirement: 6NYCRR 238-8

Item 187.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 187.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owners and operators, and to the extent applicable, the SO₂ authorized account representative of an SO₂ budget unit, shall comply with the monitoring and reporting requirements as provided for in all applicable sections of 40 CFR part 75. For purposes of complying with such requirements, the definitions in NYCRR 238-1.2 and in 40 CFR 72.2 shall apply, and the terms "affected unit," and "designated representative" in 40 CFR part 75 shall be replaced by the terms "SO₂ budget unit," and "SO₂ authorized account representative," respectively, as defined in NYCRR 238-1.2.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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