

**New York State Department of Environmental Conservation
Facility DEC ID: 7313200042**



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

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 7-3132-00042/00017
Effective Date: 06/16/2006 Expiration Date: 06/15/2011

Permit Type: Title IV (Phase II Acid Rain)
Permit ID: 7-3132-00042/00021
Effective Date: 06/16/2006 Expiration Date: 06/15/2011

Permit Issued To: ONONDAGA COGENERATION LTD PARTNERSHIP
1100 WALNUT
KANSAS CITY, MO 64199

Contact: GREG L STONE
ONONDAGA COGENERATION FACILITY
300 BRIDGE ST
SYRACUSE, NY 13209
(315) 488-6543

Facility: ONONDAGA COGENERATION FACILITY
300 BRIDGE ST
GEDDES, NY 13209

Contact: GREG L STONE
ONONDAGA COGENERATION FACILITY
300 BRIDGE ST
SYRACUSE, NY 13209
(315) 488-6543

Description:

This permit is a renewal of the facility's Title V operating permit and issuance of a Title IV Acid Rain permit.

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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: JOANNE L MARCH
 DIVISION OF ENVIRONMENTAL PERMITS
 615 ERIE BLVD WEST
 SYRACUSE, NY 13204-2400

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

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



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

Facility Inspection by the Department

Relationship of this Permit to Other Department Orders and Determinations

Applications for Permit Renewals and Modifications

Permit Modifications, Suspensions and Revocations by the Department

Facility Level

Submission of Applications for Permit Modification or Renewal -REGION 7
SUBOFFICE



DEC GENERAL CONDITIONS

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

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

GENERAL CONDITIONS - Apply to ALL Authorized Permits.

Condition 1: Facility Inspection by the Department
Applicable State Requirement: ECL 19-0305

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

Condition 2: Relationship of this Permit to Other Department Orders and Determinations
Applicable State Requirement: ECL 3-0301.2(m)

Item 2.1:

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

Condition 3: Applications for Permit Renewals and Modifications
Applicable State Requirement: 6NYCRR 621.13

Item 3.1:

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

Item 3.2:

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

Item 3.3:



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

Condition 4: Permit Modifications, Suspensions and Revocations by the Department
Applicable State Requirement: 6NYCRR 621.14

Item 4.1:

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

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

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

Condition 5: Submission of Applications for Permit Modification or Renewal -REGION 7
SUBOFFICE
Applicable State Requirement: 6NYCRR 621.5(a)

Item 5.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 7 Sub-office
Division of Environmental Permits
1285 Fisher Avenue
Cortland, NY 13045-1090
(607) 753-3095



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ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: ONONDAGA COGENERATION LTD PARTNERSHIP
1100 WALNUT
KANSAS CITY, MO 64199

Facility: ONONDAGA COGENERATION FACILITY
300 BRIDGE ST
GEDDES, NY 13209

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

Permit Effective Date: 06/16/2006

Permit Expiration Date: 06/15/2011



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 201-6.5(g): Non Applicable requirements
- 25 6NYCRR 204-1.6: Standard Requirements of 204-1.6
- 26 6NYCRR 204-2: Authorized account representatives
- 27 6NYCRR 204-4.1: Certification Contents
- 28 6NYCRR 204-4.1: Compliance certification
- 29 6NYCRR 204-7.1: Submission of NOx allowance transfers.
- 30 6NYCRR 204-8.1: General provisions.
- 31 6NYCRR 204-8.2: Requirements for recertification of monitoring systems.
- 32 6NYCRR 204-8.3: Out of control periods.
- 33 6NYCRR 204-8.4: Compliance Certification
- 34 6NYCRR 225-1.7(c): Compliance Certification
- 35 6NYCRR 225-1.8(a): Compliance Certification
- 36 6NYCRR 227-1.3(a): Compliance Certification
- 37 40CFR 52.21, Subpart A: Compliance Certification
- 38 40CFR 52.21, Subpart A: Compliance Certification
- 39 40CFR 52.21, Subpart A: Compliance Certification



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- 40 40CFR 52.21, Subpart A: Compliance Certification
- 41 40CFR 52.21, Subpart A: Compliance Certification
- 42 40CFR 52.21, Subpart A: Compliance Certification
- 43 40CFR 52.21, Subpart A: Compliance Certification
- 44 40CFR 52.21, Subpart A: Compliance Certification
- 45 40CFR 52.21, Subpart A: Compliance Certification
- 46 40CFR 52.21, Subpart A: Compliance Certification
- 47 40CFR 52.21, Subpart A: Compliance Certification
- 48 40CFR 52.21, Subpart A: Compliance Certification
- 49 40CFR 52.21, Subpart A: Compliance Certification
- 50 40CFR 60.7(c), NSPS Subpart A: Excess emissions report.
- 51 40CFR 60.7(d), NSPS Subpart A: Excess emissions report.
- 52 40CFR 60.11(d), NSPS Subpart A: Compliance with Standards and
Maintenance Requirements
- 53 40CFR 60.12, NSPS Subpart A: Circumvention.
- 54 40CFR 60.14, NSPS Subpart A: Modifications.
- 55 40CFR 60, NSPS Subpart Dc: Compliance Certification
- 56 40CFR 60.334, NSPS Subpart GG: Compliance Certification
- 57 40CFR 82: Recycling and emissions reduction.

Emission Unit Level

- 58 6NYCRR 201-6: Emission Point Definition By Emission Unit
- 59 6NYCRR 201-6: Process Definition By Emission Unit

EU=U-00001

- 60 40CFR 52.21, Subpart A: Compliance Certification
- 61 40CFR 52.21, Subpart A: Compliance Certification
- 62 40CFR 52.21, Subpart A: Compliance Certification
- 63 40CFR 60.13(a), NSPS Subpart A: Compliance Certification
- 64 40CFR 60.13(d), NSPS Subpart A: Compliance Certification
- 65 40CFR 60.13(e), NSPS Subpart A: Compliance Certification

EU=U-00001,Proc=T10

- 66 40CFR 52.21, Subpart A: Compliance Certification
- 67 40CFR 52.21, Subpart A: Compliance Certification
- 68 40CFR 52.21, Subpart A: Compliance Certification
- 69 40CFR 52.21, Subpart A: Compliance Certification
- 70 40CFR 52.21, Subpart A: Compliance Certification
- 71 40CFR 52.21, Subpart A: Compliance Certification
- 72 40CFR 52.21, Subpart A: Compliance Certification
- 73 40CFR 52.21, Subpart A: Compliance Certification
- 74 40CFR 52.21, Subpart A: Compliance Certification
- 75 40CFR 52.21, Subpart A: Compliance Certification
- 76 40CFR 52.21, Subpart A: Compliance Certification
- 77 40CFR 52.21, Subpart A: Compliance Certification
- 78 40CFR 52.21, Subpart A: Compliance Certification
- 79 40CFR 52.21, Subpart A: Compliance Certification
- 80 40CFR 52.21, Subpart A: Compliance Certification

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81 40CFR 52.21, Subpart A: Compliance Certification

EU=U-00001,Proc=T1G

82 40CFR 52.21, Subpart A: Compliance Certification
83 40CFR 52.21, Subpart A: Compliance Certification
84 40CFR 52.21, Subpart A: Compliance Certification
85 40CFR 52.21, Subpart A: Compliance Certification
86 40CFR 52.21, Subpart A: Compliance Certification
87 40CFR 52.21, Subpart A: Compliance Certification
88 40CFR 52.21, Subpart A: Compliance Certification
89 40CFR 52.21, Subpart A: Compliance Certification
90 40CFR 52.21, Subpart A: Compliance Certification
91 40CFR 52.21, Subpart A: Compliance Certification
92 40CFR 52.21, Subpart A: Compliance Certification
93 40CFR 52.21, Subpart A: Compliance Certification

EU=U-00002

94 40CFR 60.13(a), NSPS Subpart A: Compliance Certification
95 40CFR 60.13(d), NSPS Subpart A: Compliance Certification
96 40CFR 60.13(e), NSPS Subpart A: Compliance Certification

EU=U-00002,Proc=T20

97 40CFR 52.21, Subpart A: Compliance Certification
98 40CFR 52.21, Subpart A: Compliance Certification
99 40CFR 52.21, Subpart A: Compliance Certification
100 40CFR 52.21, Subpart A: Compliance Certification
101 40CFR 52.21, Subpart A: Compliance Certification
102 40CFR 52.21, Subpart A: Compliance Certification
103 40CFR 52.21, Subpart A: Compliance Certification
104 40CFR 52.21, Subpart A: Compliance Certification
105 40CFR 52.21, Subpart A: Compliance Certification
106 40CFR 52.21, Subpart A: Compliance Certification
107 40CFR 52.21, Subpart A: Compliance Certification
108 40CFR 52.21, Subpart A: Compliance Certification
109 40CFR 52.21, Subpart A: Compliance Certification
110 40CFR 52.21, Subpart A: Compliance Certification
111 40CFR 52.21, Subpart A: Compliance Certification
112 40CFR 52.21, Subpart A: Compliance Certification

EU=U-00002,Proc=T2G

113 40CFR 52.21, Subpart A: Compliance Certification
114 40CFR 52.21, Subpart A: Compliance Certification
115 40CFR 52.21, Subpart A: Compliance Certification
116 40CFR 52.21, Subpart A: Compliance Certification
117 40CFR 52.21, Subpart A: Compliance Certification
118 40CFR 52.21, Subpart A: Compliance Certification
119 40CFR 52.21, Subpart A: Compliance Certification



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- 120 40CFR 52.21, Subpart A: Compliance Certification
- 121 40CFR 52.21, Subpart A: Compliance Certification
- 122 40CFR 52.21, Subpart A: Compliance Certification
- 123 40CFR 52.21, Subpart A: Compliance Certification
- 124 40CFR 52.21, Subpart A: Compliance Certification
- 125 40CFR 52.21, Subpart A: Compliance Certification
- 126 40CFR 52.21, Subpart A: Compliance Certification

EU=U-00003,Proc=BO2

- 127 40CFR 60.42c(h), NSPS Subpart Dc: Exemption from the averaging period.

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 128 ECL 19-0301: Contaminant List
- 129 6NYCRR 201-1.4: Unavoidable noncompliance and violations
- 130 6NYCRR 211.2: Air pollution prohibited
- 131 6NYCRR 237-1: The owners and operators must hold ADR NOx allowances
not less than NOx emissions
- 132 6NYCRR 237-2: ADR NOx Authorized Account Representative
- 133 6NYCRR 237-4.1: ADR NOx Budget Certification Contents
- 134 6NYCRR 237-4.1: Compliance certification ADR NOx budget
- 135 6NYCRR 237-7.1: Submission of NOx allowance transfers
- 136 6NYCRR 237-8: Comply with Subpart H
- 137 6NYCRR 238-1: Standard requirements of 238-1
- 138 6NYCRR 238-2: ADR SO2 certifications
- 139 6NYCRR 238-4.1: ADR Compliance certification
- 140 6NYCRR 238-4.1: ADR SO2 annual certification
- 141 6NYCRR 238-7.1: Submission of SO2 allowance transfers
- 142 6NYCRR 238-8: Comply with Part 75.

Emission Unit Level

EU=U-00001,EP=00001,Proc=T10

- 143 6NYCRR 617.11(d): Compliance Demonstration
- 144 6NYCRR 617.11(d): Compliance Demonstration

EU=U-00001,EP=00001,Proc=T1G

- 145 6NYCRR 617.11(d): Compliance Demonstration
- 146 6NYCRR 617.11(d): Compliance Demonstration

EU=U-00002,EP=00002,Proc=T20

- 147 6NYCRR 617.11(d): Compliance Demonstration
- 148 6NYCRR 617.11(d): Compliance Demonstration

EU=U-00002,EP=00002,Proc=T2G

- 149 6NYCRR 617.11(d): Compliance Demonstration
- 150 6NYCRR 617.11(d): 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 between the dates of 06/16/2006 and 06/15/2011

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 between the dates of 06/16/2006 and 06/15/2011

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 between the dates of 06/16/2006 and 06/15/2011

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 between the dates of 06/16/2006 and 06/15/2011

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 between the dates of 06/16/2006 and 06/15/2011

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 30 days after the end of a reporting period. All instances of deviations from permit requirements must be clearly identified in such reports. All required reports must be certified by the responsible official for this facility.

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

(1) For emissions of a hazardous air pollutant (as identified in an applicable regulation) that continue for more than an hour in excess of permit requirements, the report must be made within 24 hours of the occurrence.

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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.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2006.
Subsequent reports are due every 6 calendar month(s).

Condition 6: Compliance Certification
Effective between the dates of 06/16/2006 and 06/15/2011

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:

615 Erie Boulevard, West
Syracuse, NY 13204-2400

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 between the dates of 06/16/2006 and 06/15/2011

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 between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 6NYCRR 202-2.5



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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 between the dates of 06/16/2006 and 06/15/2011

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 between the dates of 06/16/2006 and 06/15/2011

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 between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 6NYCRR 201-1.7



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Item 11.1:

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

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

Effective between the dates of 06/16/2006 and 06/15/2011

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 between the dates of 06/16/2006 and 06/15/2011

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 between the dates of 06/16/2006 and 06/15/2011

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 between the dates of 06/16/2006 and 06/15/2011



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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 between the dates of 06/16/2006 and 06/15/2011

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 between the dates of 06/16/2006 and 06/15/2011

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
- (ii) an explanation of why any dates in the schedule of compliance were not or will not be met, and any



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preventive or corrective measures adopted.

Condition 18: Off Permit Changes
Effective between the dates of 06/16/2006 and 06/15/2011

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 between the dates of 06/16/2006 and 06/15/2011

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 between the dates of 06/16/2006 and 06/15/2011

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 permit has been issued, no person shall cause or allow any air contamination source to emit any material



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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 between the dates of 06/16/2006 and 06/15/2011

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 between the dates of 06/16/2006 and 06/15/2011

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
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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:

A GENERAL ELECTRIC LM-5000 GAS TURBINE RATED AT 45 MW (465.8 MMBTU/HR) AND ITS ASSOCIATED DUCT BURNER RATED AT 99.2 MMBTU/HR. THE TURBINE IS CAPABLE OF FIRING BOTH NATURAL GAS AND DISTILLATE OIL; THE DUCT BURNER MAY ONLY FIRE NATURAL GAS.

Building(s): COGEN

Item 23.2:

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

Emission Unit: U-00002

Emission Unit Description:

A GENERAL ELECTRIC LM-2500 GAS TURBINE RATED AT 23 MW (237.6 MMBTU/HR) AND ITS ASSOCIATED HEAT RECOVERY STEAM GENERATOR (DUCT BURNER) RATED AT 55.4 MMBTU/HR. THE TURBINE IS CAPABLE OF FIRING BOTH NATURAL GAS AND NO. 2 (DISTILLATE) FUEL OIL; THE DUCT BURNER IS LIMITED TO FIRING NATURAL GAS ONLY.

Building(s): COGEN

Item 23.3:

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

Emission Unit: U-00003

Emission Unit Description:

25.2 mmBtu/hr auxiliary boiler. The boiler will fire natural gas and #2 fuel oil.

Building(s): COGEN

Condition 24: Non Applicable requirements

Effective between the dates of 06/16/2006 and 06/15/2011

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

Item 24.1:

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.

40CFR 63-YYYY

Reason: The stationary gas turbines are not subject to the MACT standard because they are existing turbines.

§63.6090(a)(1) Existing stationary combustion turbine. A stationary combustion turbine is existing if you commenced construction or reconstruction of the stationary combustion turbine on or before January 14, 2003. A change in ownership of an existing stationary combustion turbine does not make that stationary combustion turbine a new or reconstructed stationary combustion turbine.

63.6090(b)(4) Existing stationary combustion turbines in all subcategories do not have to meet the requirements of this subpart and of subpart A of this part. No initial notification is necessary for any existing stationary combustion turbine, even if a new or reconstructed turbine in the same category would require an initial notification.

**Condition 25: Standard Requirements of 204-1.6
Effective between the dates of 06/16/2006 and 06/15/2011**

Applicable Federal Requirement: 6NYCRR 204-1.6

Item 25.1:

(1) The owners and operators of each NO_x budget source and each NO_x budget unit at the source shall hold NO_x allowances available for compliance deductions under 6 NYCRR 204-6.5 as of the NO_x allowance transfer deadline, in the unit's compliance account and the source's overdraft account in an amount not less than the total NO_x emissions for the control period from the unit, as determined in accordance with 6 NYCRR 204-8.

(2) Each ton of nitrogen oxides emitted in excess of the NO_x budget emissions limitation shall constitute a separate violation of this Part, the act, and applicable State law.

(3) A NO_x budget unit shall be subject to the requirements under paragraph (1) of this section starting on the later of May 1, 2003 or the date on which the unit commences operation.

(4) NO_x allowances shall be held in, deducted from, or transferred among NO_x allowance tracking system accounts in accordance with 6 NYCRR 204-5, 204-6, 204-7, and 204-9 of this Part.

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(5) A NO_x allowance shall not be deducted, in order to comply with the requirements under paragraph (1) of this condition, for a control period in a year prior to the year for which the NO_x allowance was allocated.

(7) The owners and operators of a NO_x budget unit that has excess emissions in any control period shall:

(1) forfeit the NO_x allowances required for deduction under 6 NYCRR 204-6.5(d)(1); and

(2) pay any fine, penalty, or assessment or comply with any other remedy imposed under 6 NYCRR 204-6.5(d)(3).

(8) Unless otherwise provided, the owners and operators of the NO_x budget source and each NO_x budget unit at the source shall keep on site at the source each of the following documents for a period of five years from the date the document is created. This period may be extended for cause, at any time prior to the end of five years, in writing by the department or the administrator.

(i) The account certificate of representation for the NO_x authorized account representative for the source and each NO_x budget unit at the source and all documents that demonstrate the truth of the statements in the account certificate of representation, in accordance with 6 NYCRR 204-2.4; provided that the certificate and documents shall be retained on site at the source beyond such five-year period until such documents are superseded because of the submission of a new account certificate of representation changing the NO_x authorized account representative.

(ii) All emissions monitoring information, in accordance with 6 NYCRR 204-8; provided that to the extent that Subpart 204-8 provides for a three year period for recordkeeping, the three year period shall apply.

(iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the NO_x Budget Trading Program.

(iv) Copies of all documents used to complete a NO_x budget permit application and any other submission under the NO_x Budget Trading Program or to demonstrate compliance with the requirements of the NO_x Budget Trading Program.

(9) The NO_x authorized account representative of a NO_x budget source and each NO_x budget unit at the source shall submit the reports and compliance certifications required under the NO_x Budget Trading Program, including those under 6 NYCRR 204-4, 204-8, or 204-9 of this Part.

Condition 26: Authorized account representatives
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 6NYCRR 204-2

Item 26.1:

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(1) Except where an alternate NOx authorized account representative has been appointed as provided under 6 NYCRR 204-2.2, 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 NOx Budget Trading Program concerning the source or any NOx budget unit at the source.

(2) 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 such submission shall include the following certification statement by the NOx authorized account representative: "I am authorized to make the 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.

Condition 27: Certification Contents

Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 6NYCRR 204-4.1

Item 27.1:

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:

- (1) whether the unit was operated in compliance with the NOx budget emissions limitation;
- (2) 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 6 NYCRR 204-8;
- (3) whether all the NOx emissions from the unit 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 6 NYCRR 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;
- (4) whether the facts that form the basis for certification under 6 NYCRR 204-8 of each monitor

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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 6 NYCRR 204-8, if any, has changed; and

(5) if a change is required to be reported under paragraph (4) of this subdivision, 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 28: Compliance certification
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 6NYCRR 204-4.1

Item 28.1:

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 and the administrator by November 30th of that year, a compliance certification report for each source covering all such units.

Condition 29: Submission of NOx allowance transfers.
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 6NYCRR 204-7.1

Item 29.1: The NOx authorized account representatives seeking recordation of a NOx allowance transfer shall submit the transfer to the Administrator. To be considered correctly submitted, the NOx 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 NOx allowance to be transferred; and
- (c) The printed name and signature of the NOx authorized account representative of the transferor account and the date signed.

Condition 30: General provisions.
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 6NYCRR 204-8.1

Item 30.1: 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 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 "NOx Budget unit," "NOx authorized account representative," and

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"continuous emission monitoring system" (or "CEMS"), respectively, as defined in Section 204-1.2.

**Condition 31: Requirements for recertification of monitoring systems.
Effective between the dates of 06/16/2006 and 06/15/2011**

Applicable Federal Requirement: 6NYCRR 204-8.2

Item 31.1: 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 NOx 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 32: Out of control periods.
Effective between the dates of 06/16/2006 and 06/15/2011**

Applicable Federal Requirement: 6NYCRR 204-8.3

Item 32.1: 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 33: Compliance Certification
Effective between the dates of 06/16/2006 and 06/15/2011**

Applicable Federal Requirement: 6NYCRR 204-8.4

Item 33.1:

The Compliance Certification activity will be performed for the Facility.

Item 33.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The Authorized Account Representative for a NOx Budget unit shall submit written notice to the Department and the USEPA Administrator in accordance with the requirements of this subpart as follows:

All monitoring plans or monitoring plan modifications;

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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 Quality Assurance (BQA) 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, NW
Mail Code 6204J
Washington D.C. 20460

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

The address for the BQA is as follows:

NYSDEC
Bureau of Quality Assurance
625 Broadway
Albany, NY 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:

615 Erie Boulevard, West
Syracuse, NY 13204-2400

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Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 34: Compliance Certification
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 6NYCRR 225-1.7(c)

Item 34.1:

The Compliance Certification activity will be performed for the Facility.

Item 34.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Part 225-1.7(c) requires that measurements must be made daily of the rate of each fuel burned. Also, the facility must measure the gross heat content and ash content of each fuel burned (determined at least once per week), and the average electrical output (daily) and hourly generation rate. This information must be retained by the source owner for a period of three years.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2006.

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

Condition 35: Compliance Certification
Effective between the dates of 06/16/2006 and 06/15/2011

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

Item 35.1:

The Compliance Certification activity will be performed for the Facility.

Item 35.2:

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



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name, date of shipment, quantity shipped, heating value of the oil, oil sulfur content, and the method used to determine the sulfur content. Such certifications shall be available for inspection by, or submittal to, NYSDEC upon request.

Monitoring Frequency: PER DELIVERY

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 36: Compliance Certification
Effective between the dates of 06/16/2006 and 06/15/2011

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

Item 36.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: T10

Emission Unit: U-00002

Process: T20

Emission Unit: U-00003

Process: BO2

Item 36.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No person shall operate a stationary combustion installation which exhibits greater than 20 percent opacity (six minute average), except for one six-minute period per hour of not more than 27 percent opacity.

Upon request of the DEC, the owner or operator shall conduct opacity measurements in accordance with 40 CFR Part 60, Appendix A, Method 9.

On a semi-annual basis, the owner or operator shall submit to the DEC a report of any and all opacity emission tests results.



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Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: EPA Method 9
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2006.
Subsequent reports are due every 6 calendar month(s).

Condition 37: Compliance Certification
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 37.1:

The Compliance Certification activity will be performed for the Facility.

Item 37.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Emission Limit During Shutdown - Work Practice
Standard

- (a) Shutdown shall be accomplished according to written procedures submitted to the DEC.
- (b) The time period for shutdown shall not exceed 0.5 hours.
- (c) Emissions shall be monitored and recorded whenever fuel is fired.

For those periods of excess emissions due to shutdown where procedures deviated from the procedures submitted to the DEC, the owner or operator shall describe how the shutdown procedures deviated from the written procedures.

On a semi-annual basis, the owner or operator shall submit to the DEC a report stating whether such records were maintained.



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Periods of excess emissions, including periods due to startup or shutdown, shall be submitted to the DEC in a quarterly report.

Parameter Monitored: DURATION OF SHUTDOWN

Upper Permit Limit: 0.5 hours

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 30 MINUTE AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2006.

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

Condition 38: Compliance Certification

Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 38.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Emission Unit: U-00002

Item 38.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Startup and Shutdown Plan

(a) The owner or operator shall develop and maintain procedures for the cold start of operations for each gas turbine, and for the shutdown of each gas turbine. Such procedures shall define temperatures and pressures for water injection permissive, upon which water may be injected to the gas turbine for control of NO_x emissions, and ammonia injection permissive, upon which ammonia may be injected to control NO_x emissions. These procedures must be submitted to the DEC within 60 days of receipt of this permit and will be enforceable as a part of this condition.

(b) Deviations from the procedures developed in accordance



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with Item (a) of this condition shall be noted in a written log (or otherwise documented, such as in a computer system).

On a semi-annual basis the owner or operator shall submit to the DEC a report stating whether the startup plan has been maintained and whether deviations have been written in a log.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2006.

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

Condition 39: Compliance Certification
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 39.1:

The Compliance Certification activity will be performed for the Facility.

Item 39.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Emission Limit During Startup - Work Practice Standard

(a) Startup shall be accomplished according to written procedures submitted to the DEC. Startup is defined as the period from when fuel is first ignited up to the first block hour after water and ammonia permissives are achieved. The time period for excess emissions during startup shall not exceed 3 hours under any circumstance.

(b) Excess emissions after water and ammonia injection permissives (or after the proper steam temperatures and pressures have been reached) shall not be considered excess emissions due to startup, regardless of the time since first firing.



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(c) The owner or operator shall record when water and ammonia permissives are achieved for each period of startup.

(d) Emissions shall be monitored and recorded whenever fuel is fired.

For those periods of excess emissions due to startup or shutdown where procedures deviated from the startup procedures developed in accordance with Item (a) of this condition, the owner or operator shall describe how the actual startup or shutdown procedures deviated from the written procedures.

On a semi-annual basis, the owner or operator shall submit to the DEC a report stating whether such records were maintained.

Periods of excess emissions, including periods due to startup or shutdown, shall be submitted to the DEC in a quarterly report.

Parameter Monitored: DURATION OF START UP

Upper Permit Limit: 3 hours

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 3-HOUR BLOCK AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2006.

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

Condition 40: Compliance Certification

Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 40.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Emission Unit: U-00002

Item 40.2:

Compliance Certification shall include the following monitoring:

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Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

ALL EMISSION LIMITS ASSOCIATED WITH THIS EMISSION UNIT ARE BASED ON A ONE HOUR BLOCK AVERAGE. FOR NO_x AND CO, THIS VALUE REPRESENTS THE AVERAGE CEM MEASURED VALUE DURING EACH COMPLETE HOUR, BEGINNING AT THE START OF EACH CLOCK HOUR.

On a semi-annual basis the owner or operator shall submit to the DEC a statement whether such monitoring has been performed based on one hour block averages.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 41: Compliance Certification

Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 41.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Emission Unit: U-00002

Item 41.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

ALL EMISSION LIMITS ASSOCIATED WITH THIS EMISSION UNIT THAT ARE BASED ON HEAT INPUT CORRESPOND TO THE HIGHER HEATING VALUE (HHV) OF THE FUEL BURNED. EMISSION RATE CALCULATIONS SHALL BE PERFORMED IN ACCORDANCE WITH EPA-APPROVED METHODS, SUCH AS 40 CFR PART 60, APPENDIX A, METHOD 19.



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Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 42: Compliance Certification
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 42.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 42.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

SULFUR CONTENT OF FUEL BURNED AT THE FACILITY LIMITED TO
0.3% BY WEIGHT.

There are numerous regulations that limit fuel sulfur burned at this facility and/or specify fuel sampling and analysis procedures: 6 NYCRR 225-1; 40 CFR Part 60, Subparts Dc and Gg; 40 CFR Part 75; and the original permit condition, which is the most restrictive. This condition specifies how the owners and operators are to determine compliance with the most restrictive limit and which satisfies the requirements of each program. This condition will satisfy 40 CFR 60.48c(e)(11) and (f); 40 CFR 60.334(i)(1); 40 CFR Part 75, Appendix D; and 6 NYCRR 225-1.8.

Compliance shall be determined using fuel sampling analysis and the associated frequency described in 40 CFR Part 75, Appendix D, sections 2.2.3, 2.2.4.1, 2.2.4.2 or 2.2.4.3. 40 CFR 75, Appendix D, section 2.2.4.3 allows fuel oil to be sampled for each lot of delivery, and such sampling and analysis may be conducted by the owner or operator of the facility; by an independent lab; or by the fuel oil supplier. If any lot sample is in excess of 0.80 percent, then one of the other procedures must be used. The owner or operator must retain a certification from the fuel oil supplier containing the information



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specified in 40 CFR 60.48c(f), including the name of the oil supplier and a statement from the oil supplier that the oil complies with the specifications of distillate oil in 40 CFR 60.41c.

ON A SEMI-ANNUAL BASIS THE OWNER OR OPERATOR SHALL SUBMIT TO THE DEC A REPORT STATING WHETHER THERE WERE ANY FUEL DELIVERIES AND WHETHER THE FUEL SULFUR WAS IN COMPLIANCE WITH THIS LIMIT.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: NUMBER 2 OIL
Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 0.3 percent
Monitoring Frequency: PER DELIVERY
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2006.
Subsequent reports are due every 6 calendar month(s).

Condition 43: Compliance Certification
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 43.1:

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

Emission Unit: U-00001

Emission Unit: U-00002

Item 43.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE OWNER OR OPERATOR MUST NOTIFY THE DEPARTMENT AND USEPA REGION II WITHIN THREE BUSINESS DAYS OF PERFORMING ANY ENGINE REPLACEMENT FOR THE PURPOSE OF CONDUCTING MAINTENANCE ON THE ORIGINAL GAS TURBINES (SERIAL #474-179 FOR UNIT U-00001, LM 5000 and SERIAL #481-665 for

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Unit U-00002, LM 2500) ASSOCIATED WITH THIS EMISSION UNIT. SUCH NOTIFICATION SHALL IDENTIFY THE DATE THAT THE REPLACEMENT ENGINE BEGAN OPERATION, THE SERIAL # OF THE REPLACEMENT ENGINE, THE EXPECTED DURATION OF THE REPLACEMENT ENGINE USE, AND THE REASON(S) THAT THE ORIGINAL GAS TURBINE WAS REPLACED.

EACH REPLACEMENT ENGINE MUST COMPLY WITH ALL OF THE CONDITIONS OF THIS PERMIT. THE OWNER OR OPERATOR MUST NOTIFY THE DEPARTMENT AND USEPA REGION II WITHIN THREE BUSINESS DAYS OF REINSTALLING THE ORIGINAL GAS TURBINE.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 44: Compliance Certification
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 44.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Emission Unit: U-00002

Item 44.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A SUMMARY OF THE EMISSION LIMITS AND OPERATING RESTRICTIONS OF THIS PERMIT MUST BE POSTED IN THE CONTROL ROOM OF THE FACILITY AND MUST BE PLAINLY VISIBLE (WITHOUT OBSTRUCTIONS) TO THE OPERATOR OF THE FACILITY.

On an annual basis the owner or operator

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shall submit to the DEC a statement
whether such notice has been posted and
maintained.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

Condition 45: Compliance Certification
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 45.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Emission Unit: U-00002

Item 45.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE OWNER OR OPERATOR MUST CONTINUOUSLY
DETERMINE THE STACK GAS VOLUMETRIC FLOW
RATE FOR THE GAS TURBINE/DUCT BURNER
EXHAUST STACK. THE CALCULATED STACK
VOLUMETRIC FLOW RATE SHALL BE COMPUTED ON
A ONE HOUR AVERAGE BASIS AND BE USED TO
DETERMINE AND RECORD THE MASS EMISSION
RATES CORRESPONDING TO THE CEM MEASURED
DATA.

On a semi-annual basis the owner or
operator shall submit to the DEC a
statement whether such monitoring has
been performed.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.



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The initial report is due 7/30/2006.
Subsequent reports are due every 6 calendar month(s).

Condition 46: Compliance Certification
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

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

Item 46.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

ALL COPIES OF REQUIRED REPORTS AND NOTIFICATIONS MUST BE SUBMITTED TO THE USEPA REGION II OFFICE AND THE NYSDEC REGION 7 OFFICE, WITH ONE COPY ALSO SENT TO THE NYSDEC BUREAU OF STATIONARY SOURCES IN ALBANY. UNLESS STATED OTHERWISE, SUCH REPORTS OR NOTIFICATIONS SHALL BE SUBMITTED WITHIN THIRTY DAYS AFTER THE END OF EACH CALENDAR YEAR QUARTER. THE ADDRESSES FOR THE ABOVE OFFICES ARE AS FOLLOWS:

NYSDEC REGION 7 OFFICE
AIR POLLUTION CONTROL ENGINEER
615 ERIE BLVD. WEST
SYRACUSE, NY 13204

NYSDEC BUREAU OF STATIONARY SOURCES
PERMITTING AND COMPLIANCE SECTION
290 BROADWAY
ALBANY, NY 12233

U.S. ENVIRONMENTAL PROTECTION AGENCY
AIR COMPLIANCE BRANCH - 21ST FLOOR



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290 BROADWAY
NEW YORK, NY 10007-1886

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2006.

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

Condition 47: Compliance Certification
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 47.1:

The Compliance Certification activity will be performed for the Facility.

Item 47.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE OWNER OR OPERATOR MUST CONTINUOUSLY
MEASURE AND RECORD AMBIENT AIR
TEMPERATURE AT THE FACILITY. SUCH
MEASUREMENTS MUST BE ACCURATE TO WITHIN
PLUS OR MINUS 3 DEGREES FAHRENHEIT AND BE
RECORDED AS HOURLY AVERAGES.

On a semi-annual basis the owner or
operator shall submit to the DEC a
statement whether such monitoring has
been performed.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2006.

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

Condition 48: Compliance Certification
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 48.1:



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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 48.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE OWNER OR OPERATOR SHALL SUBMIT A QUARTERLY WRITTEN CEM REPORT TO THE DEPARTMENT FOR EVERY CALENDAR YEAR QUARTER. ALL QUARTERLY REPORTS SHALL BE POSTMARKED BY THE 30TH DAY FOLLOWING THE END OF EACH CALENDAR YEAR QUARTER. EACH QUARTERLY REPORT SHALL INCLUDE:

1. A SUMMARY OF EXCESS EMISSIONS AND CEMs DOWNTIME REPORTED IN A FORMAT APPROVED BY THE DEPARTMENT.
2. THE RESULTS OF THE QUARTERLY MONITORING PERFORMANCE AUDIT, REPORTED IN THE FORMAT OF 40 CFR 60 APPENDIX F (OR EQUIVALENT).
3. EXCESS EMISSIONS SHALL BE IDENTIFIED AS ANY ONE HOUR BLOCK PERIOD DURING WHICH THE AVERAGE EMISSIONS OF NO_x OR CO, AS MEASURED BY THE CEM SYSTEM, EXCEEDS THE CORRESPONDING MASS OR CONCENTRATION EMISSION LIMITS SET FORTH IN THIS PERMIT.
4. EXCESS EMISSIONS INDICATED BY THE CEM SYSTEM FOR ANY ONE HOUR BLOCK PERIOD OTHER THAN STARTUPS OR SHUTDOWNS OR ON-LINE WATER WASHING SHALL BE CONSIDERED VIOLATIONS OF THE APPLICABLE EMISSION LIMITS.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)



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Reports due 30 days after the reporting period.
The initial report is due 7/30/2006.
Subsequent reports are due every 3 calendar month(s).

Condition 49: Compliance Certification
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 49.1:

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

Emission Unit: U-00001

Emission Unit: U-00002

Item 49.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE LIMITS ASSOCIATED WITH THIS EMISSION UNIT APPLY AT ALL MODES OF OPERATION, EXCEPT DURING PERIODS OF STARTUP AND SHUTDOWN (NOT TO EXCEED THREE HOURS PER OCCURRENCE) AND DURING PERIODS OF ON-LINE COMBUSTION TURBINE WATER WASHING (NOT TO EXCEED 30 MINUTES PER OCCURRENCE).

On a semi-annual basis, the owner shall submit to the DEC a report identifying those startup/shutdown periods in excess of 3 hours and on-line washing periods in excess of 30 minutes in which any emission limit was also exceeded.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2006.

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

Condition 50: Excess emissions report.
Effective between the dates of 06/16/2006 and 06/15/2011

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

Item 50.1:

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 51: Excess emissions report.
Effective between the dates of 06/16/2006 and 06/15/2011

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

Item 51.1:

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

Condition 52: Compliance with Standards and Maintenance Requirements
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 60.11(d), NSPS Subpart A

Item 52.1:

At all times, including periods of startup, shutdown, and malfunction, owners and operators of this facility shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Department and the Administrator which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.

Condition 53: Circumvention.
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 60.12, NSPS Subpart A

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Item 53.1:

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 54: Modifications.

Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 60.14, NSPS Subpart A

Item 54.1:

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

Condition 55: Compliance Certification

Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 60, NSPS Subpart Dc

Item 55.1:

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

Item 55.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The duct burner/heat recovery steam generators on both units, and the package boiler, are all subject to 40 CFR Part 60, Subpart Dc. There are no substantive requirements that are applicable except for fuel sulfur in the package boiler. Compliance with the fuel sulfur is addressed in a separate condition.

The owner shall maintain records of what fuel is combusted in the devices during each day. Upon the request of the DEC the owner or operator shall submit to the DEC a report

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providing fuel use data.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 56: Compliance Certification

Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 60.334, NSPS Subpart GG

Item 56.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Emission Unit: U-00002

Item 56.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The stationary gas turbines are subject to 40 CFR Part
60, Subpart GG. Pursuant to Subpart GG:

1. The facility may monitor NO_x emissions using a CEM that is compliant with 40 CFR Part 75 requirements, except that the missing data substitution provisions do not apply. The facility is not required to monitor water to fuel ratio.
2. The facility does not have to adjust its NO_x emissions to ISO conditions (see 40 CFR 60.335(b)(1)).
3. The facility does not have to monitor the sulfur content of natural gas (see 40 CFR 60.334(h)(3)(i)) because the owner and operator has a contract specifying that fuel sulfur shall not exceed 20.0 gr/100 scf.
4. The facility is not claiming a fuel bound nitrogen allowance, as allowed in 40 CFR 60.332(a)(4).
5. The facility is monitoring compliance with the fuel sulfur limit by sampling and analyzing fuel in accordance with 40 CFR Part 75, Appendix D, Section 2.2.4.3, which



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requires one sample per lot. Such sample can be obtained and analyzed by the owner or operator, an outside lab, or a fuel supplier.

Compliance with the emissions limits cited pursuant to 40 CFR Part 52, Subpart HH, which are more stringent than 40 CFR Part 60, Subpart GG, ensures compliance with 40 CFR Part 60, Subpart GG. EPA guidance dated May 5, 1996, provides that owners or operators may elect to streamline multiple requirements into a single set of conditions that will assure compliance with all applicable requirements. If the owners or operators comply with the more stringent NOx and SO2 limits elsewhere in this permit, it will comply with 40 CFR Part 60, Subpart GG. Accordingly, the quarterly reporting required elsewhere in this permit will satisfy the excess emissions reporting under 40 CFR Part 60, Subpart GG.

Monitoring Frequency: CONTINUOUS
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2006.
Subsequent reports are due every 3 calendar month(s).

Condition 57: Recycling and emissions reduction.
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 82

Item 57.1: The permittee shall comply with all applicable provisions of 40 CFR Part 82.

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

Condition 58: Emission Point Definition By Emission Unit
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 6NYCRR 201-6

Item 58.1:

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

Emission Unit: U-00001

Emission Point: 00001

Height (ft.): 150

Diameter (in.): 122

NYTMN (km.): 4770.022 NYTME (km.): 400.331 Building: COGEN

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Item 58.2:

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

Emission Unit: U-00002

Emission Point: 00002

Height (ft.): 150

Diameter (in.): 84

NYTMN (km.): 4770.022 NYTME (km.): 400.331 Building: COGEN

Item 58.3:

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

Emission Unit: U-00003

Emission Point: 00003

Height (ft.): 80

Diameter (in.): 36

NYTMN (km.): 4770.022 NYTME (km.): 400.331 Building: MAINT

Condition 59: Process Definition By Emission Unit

Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 6NYCRR 201-6

Item 59.1:

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

Emission Unit: U-00001

Process: T10

Source Classification Code: 2-01-001-01

Process Description:

A GE LM5000 GAS TURBINE RATED AT 45 MW (465.8 MMBTU/HR). FIRING OF NO. 2 (DISTILLATE) OIL IS A BACKUP OF SECONDARY MODE OF OPERATION. BOTH WATER INJECTION AND SELECTIVE CATALYTIC REDUCTION (WITH AMMONIA INJECTION) TO CONTROL THE UNIT'S EMISSIONS OF NOX. THE UNIT IS EQUIPPED WITH A CO OXIDATION CATALYST CONTROL. THE UNIT IS EQUIPPED WITH A COEN DUCT BURNER RATED AT 99.2 MMBTU/HR WHICH IS LIMITED TO NATURAL GAS FIRING ONLY. THE DUCT BURNER IS USED TO GENERATE ADDITIONAL STEAM DURING TIMES OF PEAK DEMAND AND GENERALLY OPERATES AT LESS THAN FULL LOAD.

Emission Source/Control: DBNR1 - Combustion

Design Capacity: 99.2 million Btu per hour

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Emission Source/Control: TURB1 - Combustion
Design Capacity: 465.8 million Btu per hour

Emission Source/Control: 0SCR1 - Control
Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Emission Source/Control: CTOX1 - Control
Control Type: CATALYTIC REDUCTION

Emission Source/Control: WINJ1 - Control
Control Type: STEAM OR WATER INJECTION

Item 59.2:

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

Emission Unit: U-00001

Process: T1G

Source Classification Code: 2-01-002-01

Process Description:

A GE LM5000 GAS TURBINE RATED AT 45 MW (465.8 MMBTU/HR). THE FIRING OF NATURAL GAS IS THE UNIT'S PRIMARY MODE OF OPERATION. BOTH WATER INJECTION AND SELECTIVE CATALYTIC REDUCTION (WITH AMMONIA INJECTION) ARE USED TO CONTROL THE UNIT'S EMISSIONS OF NOX. THE UNIT IS EQUIPPED WITH A CO OXIDATION CATALYST FOR CO CONTROL. THE UNIT IS EQUIPPED WITH A COEN DUCT BURNER RATED AT 99.2 MMBTU/HR WHICH IS LIMITED TO NATURAL GAS FIRING ONLY. THE DUCT BURNER IS USED TO GENERATE ADDITIONAL STEAM DURING TIMES OF PEAK DEMAND AND GENERALLY OPERATES AT LESS THAN FULL LOAD.

Emission Source/Control: DBNR1 - Combustion
Design Capacity: 99.2 million Btu per hour

Emission Source/Control: TURB1 - Combustion
Design Capacity: 465.8 million Btu per hour

Emission Source/Control: 0SCR1 - Control
Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Emission Source/Control: CTOX1 - Control
Control Type: CATALYTIC REDUCTION

Emission Source/Control: WINJ1 - Control

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Control Type: STEAM OR WATER INJECTION

Item 59.3:

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

Emission Unit: U-00002

Process: T20

Source Classification Code: 2-01-001-01

Process Description:

A GE LM-2500 GAS TURBINE RATED AT 23 MW (237.6 MMBTU/HR). FIRING OF NO. 2 (DISTILLATE) OIL IS A BACKUP OR SECONDARY MODE OF OPERATION. BOTH WATER INJECTION AND SELECTIVE CATALYTIC REDUCTION (WITH AMMONIA INJECTION) TO CONTROL THE UNIT'S EMISSIONS OF NOX. THE UNIT IS EQUIPPED WITH A COEN DUCT BURNER RATED AT 55.4 MMBTU/HR WHICH IS LIMITED TO NATURAL GAS FIRING ONLY. THE DUCT BURNER IS USED TO GENERATE ADDITIONAL STEAM DURING TIMES OF PEAK DEMAND AND GENERALLY OPERATES AT LESS THAN FULL LOAD.

Emission Source/Control: DBNR2 - Combustion

Design Capacity: 55.4 million Btu per hour

Emission Source/Control: TURB2 - Combustion

Design Capacity: 237.6 million Btu per hour

Emission Source/Control: 0SCR2 - Control

Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Emission Source/Control: WINJ2 - Control

Control Type: STEAM OR WATER INJECTION

Item 59.4:

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

Emission Unit: U-00002

Process: T2G

Source Classification Code: 2-01-002-01

Process Description:

A GE LM-2500 GAS TURBINE RATED AT 23 MW (237.6 MMBTU/HR). THE FIRING OF NATURAL GAS IS THE UNIT'S PRIMARY MODE OF OPERATION. BOTH WATER INJECTION AND SELECTIVE CATALYTIC REDUCTION (WITH AMMONIA INJECTION) ARE USED TO CONTROL THE UNIT'S EMISSIONS OF NOX. THE UNIT IS EQUIPPED

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WITH A COEN DUCT BURNER RATED AT 55.4
MMBTU/HR WHICH IS LIMITED TO NATURAL GAS
FIRING ONLY. THE DUCT BURNER IS USED TO
GENERATE ADDITIONAL STEAM DURING TIMES OF
PEAK DEMAND AND GENERALLY OPERATES AT LESS
THAN FULL LOAD.

Emission Source/Control: DBNR2 - Combustion
Design Capacity: 55.4 million Btu per hour

Emission Source/Control: TURB2 - Combustion
Design Capacity: 237.6 million Btu per hour

Emission Source/Control: 0SCR2 - Control
Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Emission Source/Control: WINJ2 - Control
Control Type: STEAM OR WATER INJECTION

Item 59.5:

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

Emission Unit: U-00003
Process: BO1 Source Classification Code: 1-02-006-02
Process Description:
One 25.2 mmBtu/hr auxiliary boiler firing natural gas and
oil.

Emission Source/Control: BOIL1 - Combustion
Design Capacity: 25.2 million Btu per hour

Item 59.6:

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

Emission Unit: U-00003
Process: BO2 Source Classification Code: 1-02-005-02
Process Description:
One 25.2 mmBtu/hr auxiliary boiler firing #2 oil. The
boiler has a firing rate of 240 gal/hr of #2 fuel oil.
The facility is limiting its annual heat input while
firing #2 fuel oil to 260,850 mmBtu/yr on a 12 month
rolling basis.

Emission Source/Control: BOIL1 - Combustion
Design Capacity: 25.2 million Btu per hour

Condition 60: Compliance Certification



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Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 60.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Item 60.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE DUCT BURNER ASSOCIATED WITH THIS
EMISSION UNIT SHALL ONLY FIRE NATURAL
GAS.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 61: Compliance Certification

Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 61.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Item 61.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

THE UNIT'S ELECTRICAL OUTPUT SHALL BE
CONTINUOUSLY MONITORED AND RECORDED.
THESE RECORDS WILL BE USED TO DEMONSTRATE
COMPLIANCE WITH THE PROHIBITION OF
NON-BASELOAD OPERATION. THE GAS TURBINE
SHALL NOT OPERATE BELOW 27 MW GROSS GAS
TURBINE GENERATOR ELECTRICAL OUTPUT AT AN
AMBIENT TEMPERATURE OF 48 DEGREES
FAHRENHEIT.



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THE MINIMUM OPERATING LOAD AT OTHER
TEMPERATURES SHALL BE ACCORDING TO FIGURE
1, ATTACHED TO THIS PERMIT.

Manufacturer Name/Model Number: ELECTRICAL OUTPUT MONITOR
Parameter Monitored: ELECTRICAL OUTPUT
Lower Permit Limit: 27 megawatt
Reference Test Method: APPROVED METHOD
Monitoring Frequency: CONTINUOUS
Averaging Method: MINIMUM - NOT TO FALL BELOW STATED
VALUE AT ANY TIME
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 12 calendar month(s).

Condition 62: Compliance Certification
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 62.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Item 62.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
THE GAS TURBINE ASSOCIATED WITH THIS
EMISSION UNIT SHALL ONLY FIRE NATURAL GAS
OR DISTILLATE FUEL OIL.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 63: Compliance Certification
Effective between the dates of 06/16/2006 and 06/15/2011

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

Item 63.1:
The Compliance Certification activity will be performed for:

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Emission Unit: U-00001

Item 63.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For the purposes of this section, all continuous monitoring systems required under applicable subparts shall be subject to the provisions of this section upon promulgation of performance specifications for continuous monitoring systems under appendix B to this part and, if the continuous monitoring system is used to demonstrate compliance with emission limits on a continuous basis, appendix F to this part, unless otherwise specified in an applicable subpart or by the Administrator. Appendix F is applicable December 4, 1987.

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2006.

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

Condition 64: Compliance Certification

Effective between the dates of 06/16/2006 and 06/15/2011

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

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:

Owners and operators of all continuous emission monitoring systems installed in accordance with the provisions of this part shall check the zero (or low-level value between 0 and 20 percent of span value) and span (50 to 100 percent of span value) calibration drifts at least once daily in accordance with a written procedure. The zero and span shall, as a minimum, be adjusted whenever the 24-hour zero drift or 24-hour span drift exceeds two times the limits of the applicable performance

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specifications in appendix B. The system must allow the amount of excess zero and span drift measured at the 24-hour interval checks to be recorded and quantified, whenever specified. For continuous monitoring systems measuring opacity of emissions, the optical surfaces exposed to the effluent gases shall be cleaned prior to performing the zero and span drift adjustments except that for systems using automatic zero adjustments. The optical surfaces shall be cleaned when the cumulative automatic zero compensation exceeds 4 percent opacity.

Monitoring Frequency: CONTINUOUS
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2006.
Subsequent reports are due every 3 calendar month(s).

Condition 65: Compliance Certification
Effective between the dates of 06/16/2006 and 06/15/2011

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

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
Monitoring Description:

Except for system breakdowns, repairs, calibration checks, and zero and span adjustments required under 40CFR60.13(d), all continuous monitoring systems shall be in continuous operation and shall meet minimum frequency of operation requirements as follows:

- (1) All continuous monitoring systems referenced by 40CFR60.13(c) for measuring opacity of emissions shall complete a minimum of one cycle of sampling and analyzing for each successive 10-second period and one cycle of data recording for each successive 6-minute period.
- (2) All continuous monitoring systems referenced by 40CFR60.13(c) for measuring emissions, except opacity, shall complete a minimum of one cycle of operation (sampling, analyzing, and data recording) for each successive 15-minute period.



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Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2006.

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

Condition 66: Compliance Certification
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 66.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: T10

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 66.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PERFORMANCE STACK TESTING DATA AND ANNUAL EMISSION CALCULATIONS WILL BE USED TO DEMONSTRATE COMPLIANCE WITH THE APPLICABLE EMISSION LIMITS. PERFORMANCE TESTS MUST BE CONDUCTED WHEN REQUIRED BY RULE AND AT THE DISCRETION OF THE DEPARTMENT.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 23.3 pounds per hour

Reference Test Method: 40 CFR APP A METH 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 67: Compliance Certification
Effective between the dates of 06/16/2006 and 06/15/2011



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Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 67.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: T10

Regulated Contaminant(s):

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

Item 67.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CEM DATA WILL BE USED TO DEMONSTRATE
COMPLIANCE WITH THE APPLICABLE EMISSION
LIMITS.

Manufacturer Name/Model Number: ROSEMOUNT MODEL 951C

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 30 parts per million by volume (dry,
corrected to 15% O₂)

Reference Test Method: 40 CFR 60 App B & F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2006.

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

Condition 68: Compliance Certification

Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 68.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: T10

Regulated Contaminant(s):

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

Item 68.2:



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Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CEM DATA WILL BE USED TO DEMONSTRATE
COMPLIANCE WITH THE APPLICABLE EMISSION
LIMITS.

Manufacturer Name/Model Number: ROSEMOUNT 951

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 56 pounds per hour

Reference Test Method: 40 CFR 60 App B & F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2006.

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

Condition 69: Compliance Certification
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 69.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: T10

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 69.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PERFORMANCE STACK TESTING DATA AND
ANNUAL EMISSION CALCULATIONS WILL BE USED
TO DEMONSTRATE COMPLIANCE WITH THE
APPLICABLE EMISSION LIMITS. PERFORMANCE
TESTS MUST BE CONDUCTED WHEN REQUIRED BY
RULE AND AT THE DISCRETION OF THE
DEPARTMENT.

Parameter Monitored: PARTICULATES



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Upper Permit Limit: 0.041 pounds per million Btus

Reference Test Method: 40 CFR APP A METH 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 70: Compliance Certification
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 70.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: T10

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 70.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PERFORMANCE STACK TESTING DATA AND
ANNUAL EMISSION CALCULATIONS WILL BE USED
TO DEMONSTRATE COMPLIANCE WITH THE
APPLICABLE EMISSION LIMITS. PERFORMANCE
TESTS MUST BE CONDUCTED WHEN REQUIRED BY
RULE AND AT THE DISCRETION OF THE
DEPARTMENT.

Parameter Monitored: VOC

Upper Permit Limit: 0.009 pounds per million Btus

Reference Test Method: 40 CFR 50 APP A M18

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 71: Compliance Certification
Effective between the dates of 06/16/2006 and 06/15/2011



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Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 71.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: T10

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 71.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CEM DATA WILL BE USED TO DEMONSTRATE COMPLIANCE WITH THE APPLICABLE EMISSION LIMITS. THIS LIMIT APPLIES AT AMBIENT TEMPERATURES LESS THAN 20 DEGREES FAHRENHEIT.

Manufacturer Name/Model Number: SIEMENS ULTRAMAT 53

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 44 pounds per hour

Reference Test Method: 40 CFR 60 App B & F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2006.

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

Condition 72: Compliance Certification

Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 72.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: T10

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE



New York State Department of Environmental Conservation

Permit ID: 7-3132-00042/00017

Facility DEC ID: 7313200042

Item 72.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CEM DATA WILL BE USED TO DEMONSTRATE COMPLIANCE WITH THE APPLICABLE EMISSION LIMITS. THIS LIMIT APPLIES AT AMBIENT TEMPERATURES GREATER THAN OR EQUAL TO 20 DEGREES FAHRENHEIT BUT LESS THAN 48 DEGREES FAHRENHEIT.

Manufacturer Name/Model Number: SIEMENS ULTRAMAT 5E

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 33 pounds per hour

Reference Test Method: 40 CFR 60 App B & F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2006.

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

Condition 73: Compliance Certification

Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 73.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: T10

Item 73.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

FUEL USAGE DATA WILL BE CONTINUALLY MONITORED AND RECORDED. THESE RECORDS WILL BE USED TO DEMONSTRATE COMPLIANCE WITH THE FUEL OIL USAGE LIMIT.

FUEL USAGE DATA MUST BE ACCURATE TO WITHIN PLUS OR MINUS 5%. FUEL FLOW RATE



New York State Department of Environmental Conservation

Permit ID: 7-3132-00042/00017

Facility DEC ID: 7313200042

DATA MUST BE ACCURATE TO WITHIN 2.0% OF THE UPPER RANGE. A FLOW RATE METER MEETING THE REQUIREMENTS OF 40 CFR PART 75, APPENDIX D SATISFIES THIS REQUIREMENT.

A WRITTEN LOG OF THE DAILY ROLLING ANNUAL AMOUNT OF FUEL OIL BURNED IN THE GAS TURBINE MUST BE MAINTAINED AND MADE AVAILABLE TO DEPARTMENT REPRESENTATIVES UPON REQUEST.

ON A SEMI-ANNUAL BASIS, THE OWNER OR OPERATOR SHALL SUBMIT TO THE DEC A STATEMENT WHETHER THEY HAVE COMPLIED WITH THIS MONITORING REQUIREMENT.

Work Practice Type: PROCESS MATERIAL THRUPUT
Process Material: NUMBER 2 OIL
Upper Permit Limit: 5.5E6 gallons per year
Monitoring Frequency: CONTINUOUS
Averaging Method: ANNUAL MAXIMUM ROLLED DAILY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 12 calendar month(s).

Condition 74: Compliance Certification
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 74.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001
Process: T10

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

Item 74.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
PERFORMANCE STACK TESTING DATA AND



New York State Department of Environmental Conservation

Permit ID: 7-3132-00042/00017

Facility DEC ID: 7313200042

ANNUAL EMISSION CALCULATIONS WILL BE USED TO DEMONSTRATE COMPLIANCE WITH THE APPLICABLE EMISSION LIMITS. PERFORMANCE TESTS MUST BE CONDUCTED WHEN REQUIRED BY RULE AND AT THE DISCRETION OF THE DEPARTMENT.

Parameter Monitored: VOC

Upper Permit Limit: 5.2 pounds per hour

Reference Test Method: 40 CFR 50 APP A M18

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 75: Compliance Certification
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 75.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: T10

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:

PERFORMANCE STACK TESTING DATA AND ANNUAL EMISSION CALCULATIONS WILL BE USED TO DEMONSTRATE COMPLIANCE WITH THE APPLICABLE EMISSION LIMITS. PERFORMANCE TESTS MUST BE CONDUCTED WHEN REQUIRED BY RULE AND AT THE DISCRETION OF THE DEPARTMENT.

Parameter Monitored: PM-10

Upper Permit Limit: 0.041 pounds per million Btus

Reference Test Method: 40 CFR 51 RM 201

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING



New York State Department of Environmental Conservation

Permit ID: 7-3132-00042/00017

Facility DEC ID: 7313200042

DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 76: Compliance Certification
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 76.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: T10

Item 76.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

THIS EMISSION UNIT IS LIMITED TO 1752 HOURS PER YEAR
FIRING FUEL OIL. The owner or operator must maintain
records of fuel combustion to demonstrate compliance with
this requirement.

Work Practice Type: HOURS PER YEAR OPERATION

Upper Permit Limit: 1752 hours per year

Monitoring Frequency: CONTINUOUS

Averaging Method: ANNUAL TOTAL ROLLED DAILY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

Condition 77: Compliance Certification
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 77.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: T10



New York State Department of Environmental Conservation

Permit ID: 7-3132-00042/00017

Facility DEC ID: 7313200042

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 77.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CEM DATA WILL BE USED TO DEMONSTRATE COMPLIANCE WITH THE APPLICABLE EMISSION LIMITS. THIS LIMIT APPLIES AT AMBIENT TEMPERATURES GREATER THAN OR EQUAL TO 20 DEGREES FAHRENHEIT BUT LESS THAN 48 DEGREES FAHRENHEIT.

Manufacturer Name/Model Number: SIEMENS ULTRAMAT 5E

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 28 parts per million by volume (dry, corrected to 15% O₂)

Reference Test Method: 40 CFR 60 App B & F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2006.

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

Condition 78: Compliance Certification

Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 78.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: T10

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 78.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CEM DATA WILL BE USED TO DEMONSTRATE



New York State Department of Environmental Conservation

Permit ID: 7-3132-00042/00017

Facility DEC ID: 7313200042

COMPLIANCE WITH THE APPLICABLE EMISSION
LIMIT. THIS LIMIT APPLIES AT AMBIENT
TEMPERATURES LESS THAN 20 DEGREES
FAHRENHEIT.

Manufacturer Name/Model Number: SIEMENS ULTRAMAT 5E

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 38 parts per million by volume (dry,
corrected to 15% O₂)

Reference Test Method: 40 CFR 60 App B & F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2006.

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

Condition 79: Compliance Certification
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 79.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: T10

Regulated Contaminant(s):

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

Item 79.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PERFORMANCE STACK TESTING DATA AND
ANNUAL EMISSION CALCULATIONS WILL BE USED
TO DEMONSTRATE COMPLIANCE WITH APPLICABLE
EMISSION LIMITS. PERFORMANCE TESTS MUST
BE CONDUCTED WHEN REQUIRED BY RULE AND AT
THE DISCRETION OF THE DEPARTMENT.

Parameter Monitored: PM-10

Upper Permit Limit: 23.3 pounds per hour

Reference Test Method: 40 CFR 51 RM 201

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING



New York State Department of Environmental Conservation

Permit ID: 7-3132-00042/00017

Facility DEC ID: 7313200042

DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 80: Compliance Certification
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 80.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: T10

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:

CEM DATA WILL BE USED TO DEMONSTRATE
COMPLIANCE WITH THE APPLICABLE EMISSION
LIMITS. THIS LIMIT APPLIES AT AMBIENT
TEMPERATURES GREATER THAN OR EQUAL TO 48
DEGREES FAHRENHEIT.

Manufacturer Name/Model Number: SIEMENS ULTRAMAT 5E

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 21 pounds per hour

Reference Test Method: 40 CFR 60 App B & F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2006.

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

Condition 81: Compliance Certification
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 81.1:



New York State Department of Environmental Conservation

Permit ID: 7-3132-00042/00017

Facility DEC ID: 7313200042

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: T10

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 81.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CEM DATA WILL BE USED TO DEMONSTRATE COMPLIANCE WITH THE APPLICABLE EMISSION LIMITS. THIS LIMIT APPLIES AT AMBIENT TEMPERATURES GREATER THAN OR EQUAL TO 48 DEGREES FAHRENHEIT.

Manufacturer Name/Model Number: SIEMENS ULTRAMAT 5E

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 18 parts per million by volume (dry, corrected to 15% O₂)

Reference Test Method: 40 CFR 60 App B & F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2006.

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

Condition 82: Compliance Certification

Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 82.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: T1G

Regulated Contaminant(s):

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

Item 82.2:

Compliance Certification shall include the following monitoring:

New York State Department of Environmental Conservation

Permit ID: 7-3132-00042/00017

Facility DEC ID: 7313200042



Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CEM DATA WILL BE USED TO DEMONSTRATE
COMPLIANCE WITH APPLICABLE EMISSION
LIMITS.

Manufacturer Name/Model Number: ROSEMOUNT MODEL 951C

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 16 pounds per hour

Reference Test Method: 40 CFR 60 App B & F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2006.

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

Condition 83: Compliance Certification
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 83.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: T1G

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 83.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PERFORMANCE STACK TESTING DATA AND
ANNUAL EMISSION CALCULATIONS WILL BE USED
TO DEMONSTRATE COMPLIANCE WITH THE
APPLICABLE EMISSION LIMITS. PERFORMANCE
TESTS MUST BE CONDUCTED WHEN REQUIRED BY
RULE AND AT THE DISCRETION OF THE
DEPARTMENT.

Parameter Monitored: VOC

Upper Permit Limit: 5.1 pounds per hour



New York State Department of Environmental Conservation

Permit ID: 7-3132-00042/00017

Facility DEC ID: 7313200042

Reference Test Method: 40 CFR 60 APP A M18

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 84: Compliance Certification
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 84.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: T1G

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 84.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PERFORMANCE STACK TESTING DATA AND
ANNUAL EMISSION CALCULATIONS WILL BE USED
TO DEMONSTRATE COMPLIANCE WITH THE
APPLICABLE EMISSION LIMITS. PERFORMANCE
TESTS MUST BE CONDUCTED WHEN REQUIRED BY
RULE AND AT THE DISCRETION OF THE
DEPARTMENT.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.009 pounds per million Btus

Reference Test Method: 40 CFR 60 APP A MET5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 85: Compliance Certification
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

New York State Department of Environmental Conservation

Permit ID: 7-3132-00042/00017

Facility DEC ID: 7313200042



Item 85.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: T1G

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 85.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PERFORMANCE STACK TESTING DATA AND ANNUAL EMISSION CALCULATIONS WILL BE USED TO DEMONSTRATE COMPLIANCE WITH THE APPLICABLE EMISSION LIMITS. PERFORMANCE TESTS MUST BE CONDUCTED WHEN REQUIRED BY RULE AND AT THE DISCRETION OF THE DEPARTMENT.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 4.9 pounds per hour

Reference Test Method: 40 CFR 60 APP A MET5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 86: Compliance Certification

Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 86.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: T1G

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 86.2:

New York State Department of Environmental Conservation

Permit ID: 7-3132-00042/00017

Facility DEC ID: 7313200042



Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PERFORMANCE STACK TESTING DATA AND ANNUAL EMISSION CALCULATIONS WILL BE USED TO DEMONSTRATE COMPLIANCE WITH THE APPLICABLE EMISSION LIMITS. PERFORMANCE TESTS MUST BE CONDUCTED WHEN REQUIRED BY RULE AND AT THE DISCRETION OF THE DEPARTMENT.

Parameter Monitored: VOC

Upper Permit Limit: 0.009 pounds per million Btus

Reference Test Method: 40 CFR 60 APP A M18

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 87: Compliance Certification
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 87.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: T1G

Regulated Contaminant(s):

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

Item 87.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PERFORMANCE STACK TESTING DATA AND ANNUAL EMISSION CALCULATIONS WILL BE USED TO DEMONSTRATE COMPLIANCE WITH THE APPLICABLE EMISSION LIMITS. PERFORMANCE TESTS MUST BE CONDUCTED WHEN REQUIRED BY RULE AND AT THE DISCRETION OF THE DEPARTMENT.



New York State Department of Environmental Conservation

Permit ID: 7-3132-00042/00017

Facility DEC ID: 7313200042

Parameter Monitored: PM-10
Upper Permit Limit: 0.009 pounds per million Btus
Reference Test Method: 40 CFR 51 RM 201
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 88: Compliance Certification
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 88.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001
Process: T1G

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

Item 88.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
Monitoring Description:
CEM DATA WILL BE USED TO DEMONSTRATE COMPLIANCE WITH APPLICABLE EMISSION LIMITS. THIS LIMIT APPLIES AT AMBIENT TEMPERATURES LESS THAN 20 DEGREES FAHRENHEIT.

Manufacturer Name/Model Number: SIEMENS ULTRAMAT 5E
Parameter Monitored: CARBON MONOXIDE
Upper Permit Limit: 16 pounds per hour
Reference Test Method: 40 CFR 60 App B & F
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2006.
Subsequent reports are due every 3 calendar month(s).

Condition 89: Compliance Certification



New York State Department of Environmental Conservation

Permit ID: 7-3132-00042/00017

Facility DEC ID: 7313200042

Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 89.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: T1G

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 89.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CEM DATA WILL BE USED TO DEMONSTRATE COMPLIANCE WITH APPLICABLE EMISSION LIMITS. THIS LIMIT APPLIES AT AMBIENT TEMPERATURES GREATER THAN OR EQUAL TO 20 DEGREES FAHRENHEIT.

Manufacturer Name/Model Number: SIEMENS ULTRAMAT 5E

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 12 pounds per hour

Reference Test Method: 40 CFR 60 App B & F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2006.

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

Condition 90: Compliance Certification

Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 90.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: T1G

Regulated Contaminant(s):



New York State Department of Environmental Conservation

Permit ID: 7-3132-00042/00017

Facility DEC ID: 7313200042

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

Item 90.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PERFORMANCE STACK TESTING DATA AND ANNUAL EMISSION CALCULATIONS WILL BE USED TO DEMONSTRATE COMPLIANCE WITH THE APPLICABLE EMISSION LIMITS. PERFORMANCE TESTS MUST BE CONDUCTED WHEN REQUIRED BY RULE AND AT THE DISCRETION OF THE DEPARTMENT.

Parameter Monitored: PM-10

Upper Permit Limit: 4.9 pounds per hour

Reference Test Method: 40 CFR 51 RM 201

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 91: Compliance Certification

Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 91.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: T1G

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:

CEM DATA WILL BE USED TO DEMONSTRATE COMPLIANCE WITH APPLICABLE EMISSION LIMITS. THIS LIMIT APPLIES AT AMBIENT TEMPERATURES GREATER THAN OR EQUAL TO 20

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Permit ID: 7-3132-00042/00017

Facility DEC ID: 7313200042



DEGREES FAHRENHEIT.

Manufacturer Name/Model Number: SIEMENS ULTRAMAT 5E

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 10 parts per million by volume (dry,
corrected to 15% O₂)

Reference Test Method: 40 CFR 60 App B & F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2006.

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

Condition 92: Compliance Certification

Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 92.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: T1G

Regulated Contaminant(s):

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

Item 92.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CONTINUOUS EMISSION MONITOR (CEM) DATA
WILL BE USED TO DEMONSTRATE COMPLIANCE
WITH THE APPLICABLE EMISSION LIMIT.

Manufacturer Name/Model Number: Rosemount 951C

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 9 parts per million by volume (dry,
corrected to 15% O₂)

Reference Test Method: 40 CFR 60 App B & F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2006.



New York State Department of Environmental Conservation

Permit ID: 7-3132-00042/00017

Facility DEC ID: 7313200042

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

Condition 93: Compliance Certification
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 93.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: T1G

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 93.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CEM DATA WILL BE USED TO DEMONSTRATE
COMPLIANCE WITH APPLICABLE EMISSION
LIMITS. THIS LIMIT APPLIES AT AMBIENT
TEMPERATURES BELOW 20 DEGREES
FAHRENHEIT.

Manufacturer Name/Model Number: SIEMENS ULTRAMAT 5E

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 14 parts per million by volume (dry,
corrected to 15% O₂)

Reference Test Method: 40 CFR 60 App B & F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2006.

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

Condition 94: Compliance Certification
Effective between the dates of 06/16/2006 and 06/15/2011

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

Item 94.1:

The Compliance Certification activity will be performed for:

New York State Department of Environmental Conservation

Permit ID: 7-3132-00042/00017

Facility DEC ID: 7313200042



Emission Unit: U-00002

Item 94.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For the purposes of this section, all continuous monitoring systems required under applicable subparts shall be subject to the provisions of this section upon promulgation of performance specifications for continuous monitoring systems under appendix B to this part and, if the continuous monitoring system is used to demonstrate compliance with emission limits on a continuous basis, appendix F to this part, unless otherwise specified in an applicable subpart or by the Administrator. Appendix F is applicable December 4, 1987.

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2006.

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

Condition 95: Compliance Certification

Effective between the dates of 06/16/2006 and 06/15/2011

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

Item 95.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Item 95.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Owners and operators of all continuous emission monitoring systems installed in accordance with the provisions of this part shall check the zero (or low-level value between 0 and 20 percent of span value) and span (50 to 100 percent of span value) calibration drifts at least once daily in accordance with a written procedure. The zero and span shall, as a minimum, be adjusted whenever the 24-hour zero drift or 24-hour span drift exceeds two times the limits of the applicable performance

New York State Department of Environmental Conservation

Permit ID: 7-3132-00042/00017

Facility DEC ID: 7313200042



specifications in appendix B. The system must allow the amount of excess zero and span drift measured at the 24-hour interval checks to be recorded and quantified, whenever specified. For continuous monitoring systems measuring opacity of emissions, the optical surfaces exposed to the effluent gases shall be cleaned prior to performing the zero and span drift adjustments except that for systems using automatic zero adjustments. The optical surfaces shall be cleaned when the cumulative automatic zero compensation exceeds 4 percent opacity.

Monitoring Frequency: CONTINUOUS
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2006.
Subsequent reports are due every 3 calendar month(s).

Condition 96: Compliance Certification
Effective between the dates of 06/16/2006 and 06/15/2011

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

Item 96.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Item 96.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Except for system breakdowns, repairs, calibration checks, and zero and span adjustments required under 40CFR60.13(d), all continuous monitoring systems shall be in continuous operation and shall meet minimum frequency of operation requirements as follows:

- (1) All continuous monitoring systems referenced by 40CFR60.13(c) for measuring opacity of emissions shall complete a minimum of one cycle of sampling and analyzing for each successive 10-second period and one cycle of data recording for each successive 6-minute period.
- (2) All continuous monitoring systems referenced by 40CFR60.13(c) for measuring emissions, except opacity, shall complete a minimum of one cycle of operation (sampling, analyzing, and data recording) for each successive 15-minute period.



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Permit ID: 7-3132-00042/00017

Facility DEC ID: 7313200042

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2006.

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

Condition 97: Compliance Certification
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 97.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: T20

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 97.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PERFORMANCE STACK TEST DATA AND ANNUAL EMISSION CALCULATIONS WILL BE USED TO DEMONSTRATE COMPLIANCE WITH THE APPLICABLE EMISSION LIMITS. PERFORMANCE TESTS MUST BE CONDUCTED WHEN REQUIRED BY RULE AND AT THE DISCRETION OF THE DEPARTMENT.

Parameter Monitored: VOC

Upper Permit Limit: 3.9 pounds per hour

Reference Test Method: 40 CFR 50 APP A M18

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 98: Compliance Certification
Effective between the dates of 06/16/2006 and 06/15/2011



New York State Department of Environmental Conservation

Permit ID: 7-3132-00042/00017

Facility DEC ID: 7313200042

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 98.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: T20

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 98.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PERFORMANCE STACK TEST DATA AND ANNUAL EMISSION CALCULATIONS WILL BE USED TO DEMONSTRATE COMPLIANCE WITH THE APPLICABLE EMISSION LIMITS. PERFORMANCE TESTS MUST BE CONDUCTED WHEN REQUIRED BY RULE AND AT THE DISCRETION OF THE DEPARTMENT.

Parameter Monitored: VOC

Upper Permit Limit: 0.013 pounds per million Btus

Reference Test Method: 40 CFR 50 APP A M18

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 99: Compliance Certification

Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 99.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: T20

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE



New York State Department of Environmental Conservation

Permit ID: 7-3132-00042/00017

Facility DEC ID: 7313200042

Item 99.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CEM DATA WILL BE USED TO DEMONSTRATE COMPLIANCE WITH THE APPLICABLE EMISSION LIMITS. THIS LIMIT APPLIES AT AMBIENT TEMPERATURES GREATER THAN OR EQUAL TO 48 DEGREES FAHRENHEIT.

Manufacturer Name/Model Number: SIEMENS ULTRAMAT 5E

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 25 pounds per hour

Reference Test Method: 40 CFR 60 App B & F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2006.

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

Condition 100: Compliance Certification

Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 100.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: T20

Regulated Contaminant(s):

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

Item 100.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PERFORMANCE STACK TESTING AND ANNUAL EMISSION CALCULATIONS WILL BE USED TO DEMONSTRATE COMPLIANCE WITH THE APPLICABLE EMISSION LIMITS. PERFORMANCE TESTS MUST BE CONDUCTED WHEN REQUIRED BY RULE AND AT THE DISCRETION OF THE

New York State Department of Environmental Conservation

Permit ID: 7-3132-00042/00017

Facility DEC ID: 7313200042



DEPARTMENT.

Parameter Monitored: PM-10

Upper Permit Limit: 11.7 pounds per hour

Reference Test Method: 40 CFR 51 RM 201

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 101: Compliance Certification

Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 101.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: T20

Item 101.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

FUEL USAGE DATA WILL BE CONTINUALLY
MONITORED AND RECORDED. THESE RECORDS
WILL BE USED TO DEMONSTRATE COMPLIANCE
WITH THE FUEL OIL USAGE LIMIT.

FUEL USAGE DATA MUST BE ACCURATE TO
WITHIN PLUS OR MINUS 5%.

AWRITTEN LOG OF THE DAILY ROLLING ANNUAL
AMOUNT OF FUEL OIL BURNED IN THE GAS
TURBINE MUST BE MAINTAINED AND MADE
AVAILABLE TO DEPARTMENT REPRESENTATIVES
UPON REQUEST.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: NUMBER 2 OIL

Upper Permit Limit: 3.0E6 gallons per year

Monitoring Frequency: CONTINUOUS

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY



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Permit ID: 7-3132-00042/00017

Facility DEC ID: 7313200042

Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 12 calendar month(s).

Condition 102: Compliance Certification
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 102.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002
Process: T20

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

Item 102.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
Monitoring Description:
CEM DATA WILL BE USED TO DEMONSTRATE
COMPLIANCE WITH THE APPLICABLE EMISSION
LIMITS.

Manufacturer Name/Model Number: ROSEMOUNT MODEL 951C
Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 30 parts per million by volume (dry,
corrected to 15% O₂)
Reference Test Method: 40 CFR 60 App B & F
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2006.
Subsequent reports are due every 3 calendar month(s).

Condition 103: Compliance Certification
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 103.1:

The Compliance Certification activity will be performed for:



New York State Department of Environmental Conservation

Permit ID: 7-3132-00042/00017

Facility DEC ID: 7313200042

Emission Unit: U-00002

Process: T20

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 103.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CEM DATA WILL BE USED TO DEMONSTRATE COMPLIANCE WITH THE APPLICABLE EMISSION LIMIT. THIS LIMIT APPLIES AT AMBIENT TEMPERATURES LESS THAN 20 DEGREES FAHRENHEIT.

Manufacturer Name/Model Number: SIEMENS ULTRAMAT 5E

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 124 parts per million by volume
(dry, corrected to 15% O₂)

Reference Test Method: 40 CFR 60 App B & F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2006.

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

Condition 104: Compliance Certification

Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 104.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: T20

Regulated Contaminant(s):

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

Item 104.2:

Compliance Certification shall include the following monitoring:



New York State Department of Environmental Conservation

Permit ID: 7-3132-00042/00017

Facility DEC ID: 7313200042

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CEM DATA WILL BE USED TO DEMONSTRATE
COMPLIANCE WITH THE APPLICABLE EMISSION
LIMITS.

Manufacturer Name/Model Number: ROSEMOUNT MODEL 951

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 30 pounds per hour

Reference Test Method: 40 CFR 60 App B & F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2006.

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

Condition 105: Compliance Certification

Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 105.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: T20

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 105.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CEM DATA WILL BE USED TO DEMONSTRATE
COMPLIANCE WITH THE APPLICABLE EMISSION
LIMITS. THIS LIMIT APPLIES AT AMBIENT
TEMPERATURES LESS THAN 20 DEGREES
FAHRENHEIT.

Manufacturer Name/Model Number: SIEMENS ULTRAMAT 5E

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 71 pounds per hour

Reference Test Method: 40 CFR 60 App B & F

Monitoring Frequency: CONTINUOUS



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Permit ID: 7-3132-00042/00017

Facility DEC ID: 7313200042

Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2006.
Subsequent reports are due every 3 calendar month(s).

Condition 106: Compliance Certification
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 106.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002
Process: T20

Item 106.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

THIS EMISSION UNIT IS LIMITED TO 1752 HOURS PER YEAR
FIRING FUEL OIL. The owner or operator must maintain
records of fuel combustion to demonstrate compliance with
this requirement.

Work Practice Type: HOURS PER YEAR OPERATION
Upper Permit Limit: 1752 hours per year
Monitoring Frequency: CONTINUOUS
Averaging Method: ANNUAL TOTAL ROLLED DAILY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 12 calendar month(s).

Condition 107: Compliance Certification
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 107.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002
Process: T20



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Permit ID: 7-3132-00042/00017

Facility DEC ID: 7313200042

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 107.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CEM DATA WILL BE USED TO DEMONSTRATE COMPLIANCE WITH THE APPLICABLE EMISSION LIMITS. THIS LIMIT APPLIES AT AMBIENT TEMPERATURES GREATER THAN OR EQUAL TO 48 DEGREES FAHRENHEIT.

Manufacturer Name/Model Number: SIEMENS ULTRAMAT 5E

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 41 parts per million by volume (dry, corrected to 15% O₂)

Reference Test Method: 40 CFR 60 App B & F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2006.

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

Condition 108: Compliance Certification

Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 108.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: T20

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 108.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CEM DATA WILL BE USED TO DEMONSTRATE



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Facility DEC ID: 7313200042

COMPLIANCE WITH THE APPLICABLE EMISSION LIMITS. THIS LIMIT APPLIES AT AMBIENT TEMPERATURES GREATER THAN OR EQUAL TO 20 DEGREES FAHRENHEIT BUT LESS THAN 48 DEGREES FAHRENHEIT.

Manufacturer Name/Model Number: SIEMENS ULTRAMAT 5E
Parameter Monitored: CARBON MONOXIDE
Upper Permit Limit: 64 parts per million by volume (dry, corrected to 15% O₂)
Reference Test Method: 40 CFR 60 App B & F
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2006.
Subsequent reports are due every 3 calendar month(s).

Condition 109: Compliance Certification
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 109.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002
Process: T20

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

Item 109.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
Monitoring Description:
CEM DATA WILL BE USED TO DEMONSTRATE COMPLIANCE WITH THE APPLICABLE EMISSION LIMITS. THIS LIMIT APPLIES AT AMBIENT TEMPERATURES GREATER THAN OR EQUAL TO 20 DEGREES FAHRENHEIT BUT LESS THAN 48 DEGREES FAHRENHEIT.

Manufacturer Name/Model Number: SIEMENS ULTRAMAT 5E
Parameter Monitored: CARBON MONOXIDE
Upper Permit Limit: 38 pounds per hour



New York State Department of Environmental Conservation

Permit ID: 7-3132-00042/00017

Facility DEC ID: 7313200042

Reference Test Method: 40 CFR 60 App B & F
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2006.
Subsequent reports are due every 3 calendar month(s).

Condition 110: Compliance Certification
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 110.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002
Process: T20

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

Item 110.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
PERFORMANCE STACK TESTING AND ANNUAL
EMISSION CALCULATIONS WILL BE USED TO
DEMONSTRATE COMPLIANCE WITH THE
APPLICABLE EMISSION LIMITS. PERFORMANCE
TESTS MUST BE CONDUCTED WHEN REQUIRED BY
RULE AND AT THE DISCRETION OF THE
DEPARTMENT.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.039 pounds per million Btus
Reference Test Method: 40 CFR 60 APP A MET5
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 111: Compliance Certification
Effective between the dates of 06/16/2006 and 06/15/2011



New York State Department of Environmental Conservation

Permit ID: 7-3132-00042/00017

Facility DEC ID: 7313200042

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 111.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: T20

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 111.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PERFORMANCE STACK TESTING AND ANNUAL EMISSION CALCULATIONS WILL BE USED TO DEMONSTRATE COMPLIANCE WITH THE APPLICABLE EMISSION LIMITS. PERFORMANCE TESTS MUST BE CONDUCTED WHEN REQUIRED BY RULE AND AT THE DISCRETION OF THE DEPARTMENT.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 11.7 pounds per hour

Reference Test Method: 40 CFR 60 APP A MET5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 112: Compliance Certification

Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 112.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: T20

Regulated Contaminant(s):

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



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Permit ID: 7-3132-00042/00017

Facility DEC ID: 7313200042

Item 112.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PERFORMANCE STACK TESTING AND ANNUAL EMISSION CALCULATIONS WILL BE USED TO DEMONSTRATE COMPLIANCE WITH THE APPLICABLE EMISSION LIMITS. PERFORMANCE TESTS MUST BE CONDUCTED WHEN REQUIRED BY RULE AND AT THE DISCRETION OF THE DEPARTMENT.

Parameter Monitored: PM-10

Upper Permit Limit: 0.039 pounds per million Btus

Reference Test Method: 40 CFR 51 RM 201

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 113: Compliance Certification

Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 113.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: T2G

Regulated Contaminant(s):

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

Item 113.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PERFORMANCE STACK TESTING DATA AND ANNUAL EMISSION CALCULATIONS WILL BE USED TO DEMONSTRATE COMPLIANCE WITH THE APPLICABLE EMISSION LIMITS. PERFORMANCE TESTS MUST BE CONDUCTED WHEN REQUIRED BY RULE AND AT THE DISCRETION OF THE

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Permit ID: 7-3132-00042/00017

Facility DEC ID: 7313200042



DEPARTMENT.

Parameter Monitored: PM-10

Upper Permit Limit: 2.5 pounds per hour

Reference Test Method: 40 CFR 51 RM 201

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 114: Compliance Certification

Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 114.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: T2G

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 114.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PERFORMANCE STACK TESTING DATA AND
ANNUAL EMISSION CALCULATIONS WILL BE USED
TO DEMONSTRATE COMPLIANCE WITH THE
APPLICABLE EMISSION LIMITS. PERFORMANCE
TESTS MUST BE CONDUCTED WHEN REQUIRED BY
RULE AND AT THE DISCRETION OF THE
DEPARTMENT.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 2.5 pounds per hour

Reference Test Method: 40 CFR 60 APP A MET5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



New York State Department of Environmental Conservation

Permit ID: 7-3132-00042/00017

Facility DEC ID: 7313200042

Condition 115: Compliance Certification

Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 115.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: T2G

Regulated Contaminant(s):

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

Item 115.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PERFORMANCE STACK TESTING DATA AND ANNUAL EMISSION CALCULATIONS WILL BE USED TO DEMONSTRATE COMPLIANCE WITH THE APPLICABLE EMISSION LIMITS. PERFORMANCE TESTS MUST BE CONDUCTED WHEN REQUIRED BY RULE AND AT THE DISCRETION OF THE DEPARTMENT.

Parameter Monitored: PM-10

Upper Permit Limit: 0.008 pounds per million Btus

Reference Test Method: 40 CFR 51 RM 201

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 116: Compliance Certification

Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 116.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: T2G



New York State Department of Environmental Conservation

Permit ID: 7-3132-00042/00017

Facility DEC ID: 7313200042

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

Item 116.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
PERFORMANCE STACK TEST DATA AND ANNUAL
EMISSION CALCULATIONS WILL BE USED TO
DEMONSTRATE COMPLIANCE WITH THE
APPLICABLE EMISSION LIMITS. PERFORMANCE
TESTS MUST BE CONDUCTED WHEN REQUIRED BY
RULE AND AT THE DISCRETION OF THE
DEPARTMENT.

Parameter Monitored: VOC
Upper Permit Limit: 0.011 pounds per million Btus
Reference Test Method: 40 CFR 60 APP A M18
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 117: Compliance Certification

Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 117.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002
Process: T2G

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

Item 117.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
PERFORMANCE STACK TESTING DATA AND
ANNUAL EMISSION CALCULATIONS WILL BE USED
TO DEMONSTRATE COMPLIANCE WITH THE



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Facility DEC ID: 7313200042

APPLICABLE EMISSION LIMITS, PERFORMANCE TESTS MUST BE CONDUCTED WHEN REQUIRED BY RULE AND AT THE DISCRETION OF THE DEPARTMENT.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.008 pounds per million Btus

Reference Test Method: 40 CFR 60 APP A MET5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 118: Compliance Certification

Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 118.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: T2G

Regulated Contaminant(s):

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

Item 118.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CEM DATA WILL BE USED TO DEMONSTRATE COMPLIANCE WITH THE APPLICABLE EMISSION LIMITS.

Manufacturer Name/Model Number: ROSEMOUNT MODEL 951C

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 9 parts per million by volume (dry, corrected to 15% O₂)

Reference Test Method: 40 CFR 60 App B & F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2006.



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Permit ID: 7-3132-00042/00017

Facility DEC ID: 7313200042

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

Condition 119: Compliance Certification

Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 119.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: T2G

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 119.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CEM DATA WILL BE USED TO DEMONSTRATE COMPLIANCE WITH THE APPLICABLE EMISSION LIMITS. THIS LIMIT APPLIES AT AMBIENT TEMPERATURES GREATER THAN OR EQUAL TO 80 DEGREES FAHRENHEIT.

Manufacturer Name/Model Number: SIEMENS ULTRAMAT 5E

Parameter Monitored: CARBON MONOXIDE

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

Reference Test Method: 40 CFR 60 App B & F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2006.

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

Condition 120: Compliance Certification

Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 120.1:

The Compliance Certification activity will be performed for:



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Facility DEC ID: 7313200042

Emission Unit: U-00002

Process: T2G

Regulated Contaminant(s):

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

Item 120.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CEM DATA WILL BE USED TO DEMONSTRATE
COMPLIANCE WITH THE APPLICABLE EMISSION
LIMITS

Manufacturer Name/Model Number: ROSEMOUNT MODEL 951C

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 9 pounds per hour

Reference Test Method: 40 CFR 60 App B & F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2006.

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

Condition 121: Compliance Certification

Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 121.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: T2G

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 121.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CEM DATA WILL BE USED TO DEMONSTRATE
COMPLIANCE WITH THE APPLICABLE EMISSION



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Permit ID: 7-3132-00042/00017

Facility DEC ID: 7313200042

LIMIT. THIS LIMIT APPLIES AT AMBIENT
TEMPERATURES GREATER THAN OR EQUAL TO 20
DEGREES FAHRENHEIT BUT LESS THAN 80
DEGREES FAHRENHEIT.

Manufacturer Name/Model Number: SIEMENS ULTRAMAT 5E
Parameter Monitored: CARBON MONOXIDE
Upper Permit Limit: 21 parts per million by volume (dry,
corrected to 15% O₂)
Reference Test Method: 40 CFR 60 App B & F
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2006.
Subsequent reports are due every 3 calendar month(s).

Condition 122: Compliance Certification
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 122.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002
Process: T2G

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

Item 122.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
PERFORMANCE STACK TEST DATA AND ANNUAL
EMISSION CALCULATIONS WILL BE USED TO
DEMONSTRATE COMPLIANCE WITH THE
APPLICABLE EMISSION LIMITS. PERFORMANCE
TESTS MUST BE CONDUCTED WHEN REQUIRED BY
RULE AND AT THE DISCRETION OF THE
DEPARTMENT.

Parameter Monitored: VOC
Upper Permit Limit: 3.3 pounds per hour
Reference Test Method: 40 CFR 60 APP A M18



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Permit ID: 7-3132-00042/00017

Facility DEC ID: 7313200042

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 123: Compliance Certification

Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 123.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: T2G

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:

CEM DATA WILL BE USED TO DEMONSTRATE
COMPLIANCE WITH THE APPLICABLE LIMIT.

THIS LIMIT APPLIES AT AMBIENT
TEMPERATURES LESS THAN 20 DEGREES
FAHRENHEIT.

Manufacturer Name/Model Number: SIEMENS ULTRAMAT 5E

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 35 parts per million by volume (dry,
corrected to 15% O₂)

Reference Test Method: 40 CFR 60 App B & F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2006.

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

Condition 124: Compliance Certification

Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A



Item 124.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002
Process: T2G

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:

CEM DATA WILL BE USED TO DEMONSTRATE
COMPLIANCE WITH THE APPLICABLE EMISSION
LIMITS. THIS LIMIT APPLIES AT AMBIENT
TEMPERATURES LESS THAN 20 DEGREES
FAHRENHEIT.

Manufacturer Name/Model Number: SIEMENS ULTRAMAT 5E

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 20 pounds per hour

Reference Test Method: 40 CFR 60 App B & F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2006.

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

Condition 125: Compliance Certification

Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 125.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002
Process: T2G

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

Item 125.2:



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Facility DEC ID: 7313200042

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CEM DATA WILL BE USED TO DEMONSTRATE COMPLIANCE WITH THE APPLICABLE EMISSION LIMITS. THIS LIMIT APPLIES AT AMBIENT TEMPERATURES GREATER THAN OR EQUAL TO 80 DEGREES FAHRENHEIT.

Manufacturer Name/Model Number: SIEMENS ULTRAMAT 5E

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 9 pounds per hour

Reference Test Method: 40 CFR 60 App B & F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2006.

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

Condition 126: Compliance Certification

Effective between the dates of 06/16/2006 and 06/15/2011

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 126.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: T2G

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 126.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CEM DATA WILL BE USED TO DEMONSTRATE COMPLIANCE WITH THE APPLICABLE EMISSION LIMITS. THIS LIMIT APPLIES AT AMBIENT TEMPERATURES GREATER THAN OR EQUAL TO 20 DEGREES FAHRENHEIT BUT LESS THAN 80 DEGREES FAHRENHEIT.



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Manufacturer Name/Model Number: SIEMENS ULTRAMAT 5E
Parameter Monitored: CARBON MONOXIDE
Upper Permit Limit: 13 pounds per hour
Reference Test Method: 40 CFR 60 App B & F
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2006.
Subsequent reports are due every 3 calendar month(s).

Condition 127: Exemption from the averaging period.
Effective between the dates of 06/16/2006 and 06/15/2011

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

Item 127.1:

This Condition applies to Emission Unit: U-00003
Process: BO2

Item 127.2:

Compliance with emission limits and/or fuel oil sulfur limitations shall be based on a certification from the fuel supplier as stated in paragraph 40 CFR 60-Dc.48c(f)(1), (2), or (3) as applicable.



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 128: Contaminant List
Effective between the dates of 06/16/2006 and 06/15/2011**

Applicable State Requirement: ECL 19-0301

Item 128.1:

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: 0NY075-00-0

Name: PARTICULATES

CAS No: 0NY075-00-5

Name: PM-10

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

CAS No: 0NY998-00-0

Name: VOC

Condition 129: Unavoidable noncompliance and violations
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable State Requirement: 6NYCRR 201-1.4

Item 129.1:

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



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Chapter III Subchapter A occur due to a malfunction, the facility owner and/or operator shall report such malfunction by telephone to the commissioner's representative as soon as possible during normal working hours, but in any event not later than two working days after becoming aware that the malfunction occurred. Within 30 days thereafter, when requested in writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates. These reporting requirements are superseded 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 130: Air pollution prohibited
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable State Requirement: 6NYCRR 211.2

Item 130.1:

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 131: The owners and operators must hold ADR NOx allowances not less than NOx emissions
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable State Requirement: 6NYCRR 237-1

Item 131.1: (1) The owners and operators of each NOx budget source and each NOx budget unit at the source shall hold NOx allowances available for compliance deductions under 6 NYCRR 236-6.5, as of the NOx allowance transfer deadline, in the unit's compliance account and the

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source's overdraft account in an amount not less than the total NO_x emissions for the control period from the unit, as determined in accordance with 6 NYCRR 237-8.

(2) Except for future control period NO_x allowances which may be deducted pursuant to 6 NYCRR 237-6.5(f), a NO_x allowance shall not be deducted, in order to comply with the requirements under paragraph (1) of this subdivision, for a control period in a year prior to the year for which the NO_x allowance was allocated.

(3) The owners and operators of a NO_x budget unit that has excess emissions in any control period shall:

(i) forfeit the NO_x allowances required for deduction under 6 NYCRR 237-6.5(d)(1); and

(ii) pay any fine, penalty, or assessment or comply with any other remedy imposed under 6 NYCRR 237-6.5(d)(3).

(4) Unless otherwise provided, the owners and operators of the NO_x budget source and each NO_x budget unit at the source shall keep on site at the source each of the following documents for a period of five years from the date the document is created. This period may be extended for cause, at any time prior to the end of five years, in writing by the department.

(i) The account certificate of representation for the NO_x authorized account representative for the source and each NO_x budget unit at the source and all documents that demonstrate the truth of the statements in the account certificate of representation, in accordance with 6 NYCRR 237-2.4; provided that the certificate and documents shall be retained on site at the source beyond such five-year period until such documents are superseded because of the submission of a new account certificate of representation changing the NO_x authorized account representative.

(ii) All emissions monitoring information, in accordance with 6 NYCRR 237-8 of this Part

(iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the ADR NO_x Budget Trading Program.(iv) Copies of all documents used to complete a NO_x budget permit application and any other submission under the ADR NO_x Budget Trading Program or to demonstrate compliance with the requirements of the ADR NO_x Budget Trading Program.(5) The NO_x authorized account representative of a NO_x budget source and each NO_x budget unit at the source shall submit the reports and compliance certifications required under the ADR NO_x Budget Trading Program, including those under 6 NYCRR 237-4, 2378, or 237-9.

Condition 132: ADR NO_x Authorized Account Representative
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable State Requirement: 6NYCRR 237-2

Item 132.1:

(1) Except where an alternate NO_x authorized account representative has been appointed as provided under 6 NYCRR 237-2.2, each NO_x budget source, including all NO_x budget units at the source, shall



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have one and only one NOx authorized account representative, with regard to all matters under the ADR NOx Budget Trading Program concerning the source or any NOx budget unit at the source.

(2) 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 the 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.

Condition 133: ADR NOx Budget Certification Contents
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable State Requirement: 6NYCRR 237-4.1

Item 133.1:

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:

- (1) whether the unit was operated in compliance with the NOx budget emissions limitation;
- (2) 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 6 NYCRR 237-8;
- (3) whether all the NOx emissions from the unit 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 6 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 re submissions have been made;
- (4) whether the facts that form the basis for certification under 6 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 6 NYCRR 237-8, if any, has changed; and
- (5) if a change is required to be reported under paragraph (4) of this subdivision, 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

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change mandated the need for monitor re certification.

Condition 134: Compliance certification ADR NOx budget
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable State Requirement: 6NYCRR 237-4.1

Item 134.1:

For each control period in which one or more ADR NOx budget units at a source are subject to the ADR NOx budget emissions limitation, the NOx authorized account representative of the source shall submit to the department and the administrator by September 30th of that year, a compliance certification report for each source covering all such units.

Condition 135: Submission of NOx allowance transfers
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable State Requirement: 6NYCRR 237-7.1

Item 135.1:

The NOx authorized account representatives seeking recordation of a NOx allowance transfer shall submit the transfer to the department or its agent. To be considered correctly submitted, the NOx 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 NOx allowance to be transferred; and
- (c) the printed name and signature of the NOx authorized account representative of the transferor account and the date signed.

Condition 136: Comply with Subpart H
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable State Requirement: 6NYCRR 237-8

Item 136.1:

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

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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.

Condition 137: Standard requirements of 238-1
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable State Requirement: 6NYCRR 238-1

Item 137.1:

(1) The owners and operators of each ADR SO2 budget source and each SO2 budget unit at the source shall hold SO2 allowances available for compliance deductions under 6 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 6 NYCRR 238-8.

(2) Except for future control period SO2 allowances which may be deducted pursuant to 6 NYCRR 238-6.5(f), a SO2 allowance shall not be deducted, in order to comply with the requirements under paragraph (1) of this subdivision, for a control period in a year prior to the year for which the SO2 allowance was allocated.

(3) The owners and operators of a SO2 budget unit that has excess emissions in any control period shall:

(i) forfeit the SO2 allowances required for deduction under 6 NYCRR 238-6.5(d)(1); and

(ii) pay any fine, penalty, or assessment or comply with any other remedy imposed under 6 NYCRR 238-6.5(d)(3).

(4) Unless otherwise provided, the owners and operators of the ADR SO2 budget source and each SO2 budget unit at the source shall keep on site at the source each of the following documents for a period of five years from the date the document is created. This period may be extended for cause, at any time prior to the end of five years, in writing by the department.

(i) 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 6 NYCRR 238-2.4; provided that the certificate and documents shall be retained on site at the source beyond such five-year period until such documents are superseded because of the submission of a new account certificate of representation changing the SO2 authorized account representative.

(ii) All emissions monitoring information, in accordance with 6 NYCRR 238-8 of this Part

(iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the ADR SO2 Budget Trading Program.

(iv) Copies of all documents used to complete a SO2 budget permit application and any other



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submission under the ADR SO2 Budget Trading Program or to demonstrate compliance with the requirements of the ADR SO2 Budget Trading Program.

(5) The SO2 authorized account representative of a 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 6 NYCRR 238-4 or 238-8.

Condition 138: ADR SO2 certifications

Effective between the dates of 06/16/2006 and 06/15/2011

Applicable State Requirement: 6NYCRR 238-2

Item 138.1:

(1) Except where an alternate SO2 authorized account representative has been appointed as provided under 6 NYCRR 238-2.2, each NOx budget source, including all SO2 budget units at the source, shall have one and only one SO2 authorized account representative, with regard to all matters under the ADR SO2 Budget Trading Program concerning the source or any SO2 budget unit at the source.

(2) Each submission under the 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 certification statement by the SO2 authorized account representative: "I am authorized to make the 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 139: ADR Compliance certification

Effective between the dates of 06/16/2006 and 06/15/2011

Applicable State Requirement: 6NYCRR 238-4.1

Item 139.1:

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:

(1) whether the unit was operated in compliance with the SO2 budget emissions limitation;



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(2) 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 of this Part;

(3) 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 of this Part. 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;

(4) whether the facts that form the basis for certification under Subpart 238-8 of this Part 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 of this Part, if any, has changed; and

(5) if a change is required to be reported under paragraph (4) of this subdivision, 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 140: ADR SO₂ annual certification

Effective between the dates of 06/16/2006 and 06/15/2011

Applicable State Requirement: 6NYCRR 238-4.1

Item 140.1: For each control period in which one or more ADR SO₂ budget units at a source are subject to the ADR SO₂ budget emissions limitation, the SO₂ authorized account representative of the source shall submit to the department and the administrator by March 1st of that year, a compliance certification report for each source covering all such units.

Condition 141: Submission of SO₂ allowance transfers

Effective between the dates of 06/16/2006 and 06/15/2011

Applicable State Requirement: 6NYCRR 238-7.1

Item 141.1:

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



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(c) the printed name and signature of the SO₂ authorized account representative of the transferor account and the date signed.

Condition 142: Comply with Part 75.

Effective between the dates of 06/16/2006 and 06/15/2011

Applicable State Requirement: 6NYCRR 238-8

Item 142.1:

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 section 238-1.2 of this Part 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 section 238-1.2 of this Part.

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

Condition 143: Compliance Demonstration

Effective between the dates of 06/16/2006 and 06/15/2011

Applicable State Requirement: 6NYCRR 617.11(d)

Item 143.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: T10

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

Item 143.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The owner or operator shall not cause or allow emissions of ammonia in excess of 3.0 pounds per hour based on a one hour average. Compliance shall be determined using emissions testing.

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(1) Ammonia testing shall be conducted once per year, except for those calendar years in which ammonia testing is conducted when combusting natural gas.

(2) Regardless of whether ammonia testing has been conducted when combusting natural gas, testing of ammonia emissions when combusting oil is required at least once per permit term, except testing for ammonia emissions on oil is not required if the facility combusts oil less than 500 hours per year during each calendar year period during the permit term.

The results of testing shall be submitted to the DEC within 30 days of completion of testing.

(3) The owner or operator shall submit to the DEC a plan for monitoring ammonia flow and computing ammonia emissions. Such plan shall be submitted within 180 days of receipt of this permit. Upon DEC approval, the owner or operator shall maintain records of ammonia flow and report to the DEC when calculated emissions of ammonia slip exceed the stated limit.

(4) As an alternative to computing ammonia slip in accordance with item 3 above, the owner or operator may install and operate a device for continuously monitoring emissions of ammonia (i.e., an ammonia continuous emissions monitoring device). If this monitoring option is chosen, such device shall be installed, operated and maintained in accordance with a plan submitted to the DEC. Such plan shall be submitted within 180 days of receipt of this permit, and installation shall be completed within 270 days of receipt of this permit.

Parameter Monitored: AMMONIA

Upper Permit Limit: 3 pounds per hour

Reference Test Method: 40 CFR 60 RM 17

Monitoring Frequency: ANNUALLY

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

Condition 144: Compliance Demonstration

Effective between the dates of 06/16/2006 and 06/15/2011



Applicable State Requirement: 6NYCRR 617.11(d)

Item 144.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: T10

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

Item 144.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The owner or operator shall not cause or allow emissions of ammonia in excess of 3.0 ppm by volume, dry basis, corrected to 15% O₂ based on a one hour average. Compliance shall be determined using emissions testing.

(1) Ammonia testing shall be conducted once per year, except for those calendar years in which ammonia testing is conducted when combusting natural gas.

(2) Regardless of whether ammonia testing has been conducted when combusting natural gas, testing of ammonia emissions when combusting oil is required at least once per permit term, except testing for ammonia emissions on oil is not required if the facility combusts oil less than 500 hours per year during each calendar year period during the permit term.

The results of testing shall be submitted to the DEC within 30 days of completion of testing.

(3) The owner or operator shall submit to the DEC a plan for monitoring ammonia flow and computing ammonia emissions. Such plan shall be submitted within 180 days of receipt of this permit. Upon DEC approval, the owner or operator shall maintain records of ammonia flow and report to the DEC when calculated emissions of ammonia slip exceed the stated limit.

(4) As an alternative to computing ammonia slip in

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accordance with item 3 above, the owner or operator may install and operate a device for continuously monitoring emissions of ammonia (i.e., an ammonia continuous emissions monitoring device). If this monitoring option is chosen, such device shall be installed, operated and maintained in accordance with a plan submitted to the DEC.

Such plan shall be submitted within 180 days of receipt of this permit, and installation shall be completed within 270 days of receipt of this permit.

Parameter Monitored: AMMONIA

Upper Permit Limit: 3 parts per million by volume (dry, corrected to 15% O₂)

Reference Test Method: 40 CFR 60 RM 17

Monitoring Frequency: ANNUALLY

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

Condition 145: Compliance Demonstration

Effective between the dates of 06/16/2006 and 06/15/2011

Applicable State Requirement: 6NYCRR 617.11(d)

Item 145.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001

Process: T1G

Regulated Contaminant(s):

CAS No: 007664-41-7 AMMONIA

Item 145.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The owner or operator shall not cause or allow emissions of ammonia in excess of 10.0 pounds per hour based on a one hour average. Compliance shall be determined using emissions testing.

(1) Ammonia testing shall be conducted once per year, except for those calendar years in which ammonia testing

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is conducted when combusting fuel oil.

(2) Regardless of whether ammonia testing has been conducted when combusting fuel oil, testing of ammonia emissions when combusting natural gas is required at least once per permit term, except testing for ammonia emissions on natural gas is not required if the facility combusts natural gas less than 500 hours per year during each calendar year period during the permit term.

The results of testing shall be submitted to the DEC within 30 days of completion of testing.

(3) The owner or operator shall submit to the DEC a plan for monitoring ammonia flow and computing ammonia emissions. Such plan shall be submitted within 180 days of receipt of this permit. Upon DEC approval, the owner or operator shall maintain records of ammonia flow and report to the DEC when calculated emissions of ammonia slip exceed the stated limit.

(4) As an alternative to computing ammonia slip in accordance with item 3 above, the owner or operator may install and operate a device for continuously monitoring emissions of ammonia (i.e., an ammonia continuous emissions monitoring device). If this monitoring option is chosen, such device shall be installed, operated and maintained in accordance with a plan submitted to the DEC. Such plan shall be submitted within 180 days of receipt of this permit, and installation shall be completed within 270 days of receipt of this permit.

Parameter Monitored: AMMONIA

Upper Permit Limit: 10 pounds per hour

Reference Test Method: 40 CFR 60 RM 17

Monitoring Frequency: ANNUALLY

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

Condition 146: Compliance Demonstration

Effective between the dates of 06/16/2006 and 06/15/2011

Applicable State Requirement: 6NYCRR 617.11(d)



Item 146.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: T1G

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

Item 146.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The owner or operator shall not cause or allow emissions of ammonia in excess of 10.0 ppm by volume, dry basis, corrected to 15% O₂, based on a one hour average. Compliance shall be determined using emissions testing.

(1) Ammonia testing shall be conducted once per year, except for those calendar years in which ammonia testing is conducted when combusting fuel oil.

(2) Regardless of whether ammonia testing has been conducted when combusting fuel oil, testing of ammonia emissions when combusting natural gas is required at least once per permit term, except testing for ammonia emissions on natural gas is not required if the facility combusts natural gas less than 500 hours per year during each calendar year period during the permit term.

The results of testing shall be submitted to the DEC within 30 days of completion of testing.

(3) The owner or operator shall submit to the DEC a plan for monitoring ammonia flow and computing ammonia emissions. Such plan shall be submitted within 180 days of receipt of this permit. Upon DEC approval, the owner or operator shall maintain records of ammonia flow and report to the DEC when calculated emissions of ammonia slip exceed the stated limit.

(4) As an alternative to computing ammonia slip in accordance with item 3 above, the owner or operator may install and operate a device for continuously monitoring



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emissions of ammonia (i.e., an ammonia continuous emissions monitoring device). If this monitoring option is chosen, such device shall be installed, operated and maintained in accordance with a plan submitted to the DEC. Such plan shall be submitted within 180 days of receipt of this permit, and installation shall be completed within 270 days of receipt of this permit.

Parameter Monitored: AMMONIA

Upper Permit Limit: 10 parts per million by volume (dry, corrected to 15% O₂)

Reference Test Method: 40 CFR 60 RM 17

Monitoring Frequency: ANNUALLY

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

Condition 147: Compliance Demonstration

Effective between the dates of 06/16/2006 and 06/15/2011

Applicable State Requirement: 6NYCRR 617.11(d)

Item 147.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002

Process: T20

Regulated Contaminant(s):

CAS No: 007664-41-7 AMMONIA

Item 147.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The owner or operator shall not cause or allow emissions of ammonia in excess of 2.0 pounds per hour based on a one hour average. Compliance shall be determined using emissions testing.

(1) Ammonia testing shall be conducted once per year, except for those calendar years in which ammonia testing is conducted when combusting natural gas.

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(2) Regardless of whether ammonia testing has been conducted when combusting natural gas, testing of ammonia emissions when combusting oil is required at least once per permit term, except testing for ammonia emissions on oil is not required if the facility combusts oil less than 500 hours per year during each calendar year period during the permit term.

The results of testing shall be submitted to the DEC within 30 days of completion of testing.

(3) The owner or operator shall submit to the DEC a plan for monitoring ammonia flow and computing ammonia emissions. Such plan shall be submitted within 180 days of receipt of this permit. Upon DEC approval, the owner or operator shall maintain records of ammonia flow and report to the DEC when calculated emissions of ammonia slip exceed the stated limit.

(4) As an alternative to computing ammonia slip in accordance with item 3 above, the owner or operator may install and operate a device for continuously monitoring emissions of ammonia (i.e., an ammonia continuous emissions monitoring device). If this monitoring option is chosen, such device shall be installed, operated and maintained in accordance with a plan submitted to the DEC. Such plan shall be submitted within 180 days of receipt of this permit, and installation shall be completed within 270 days of receipt of this permit.

Parameter Monitored: AMMONIA
Upper Permit Limit: 2 pounds per hour
Reference Test Method: 40 CFR 60 RM 17
Monitoring Frequency: ANNUALLY
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 12 calendar month(s).

Condition 148: Compliance Demonstration
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable State Requirement: 6NYCRR 617.11(d)

Item 148.1:



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The Compliance Demonstration activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: T20

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

Item 148.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The owner or operator shall not cause or allow emissions of ammonia in excess of 3.0 ppm by volume, dry basis, corrected to 15% O₂, based on a one hour average. Compliance shall be determined using emissions testing.

(1) Ammonia testing shall be conducted once per year, except for those calendar years in which ammonia testing is conducted when combusting natural gas.

(2) Regardless of whether ammonia testing has been conducted when combusting natural gas, testing of ammonia emissions when combusting oil is required at least once per permit term, except testing for ammonia emissions on oil is not required if the facility combusts oil less than 500 hours per year during each calendar year period during the permit term.

The results of testing shall be submitted to the DEC within 30 days of completion of testing.

(3) The owner or operator shall submit to the DEC a plan for monitoring ammonia flow and computing ammonia emissions. Such plan shall be submitted within 180 days of receipt of this permit. Upon DEC approval, the owner or operator shall maintain records of ammonia flow and report to the DEC when calculated emissions of ammonia slip exceed the stated limit.

(4) As an alternative to computing ammonia slip in accordance with item 3 above, the owner or operator may install and operate a device for continuously monitoring emissions of ammonia (i.e., an ammonia continuous emissions monitoring device). If this monitoring option



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is chosen, such device shall be installed, operated and maintained in accordance with a plan submitted to the DEC.

Such plan shall be submitted within 180 days of receipt of this permit, and installation shall be completed within 270 days of receipt of this permit.

Parameter Monitored: AMMONIA

Upper Permit Limit: 3 parts per million by volume (dry, corrected to 15% O₂)

Reference Test Method: 40 CFR 60 RM 17

Monitoring Frequency: ANNUALLY

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

Condition 149: Compliance Demonstration

Effective between the dates of 06/16/2006 and 06/15/2011

Applicable State Requirement: 6NYCRR 617.11(d)

Item 149.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: T2G

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

Item 149.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The owner or operator shall not cause or allow emissions of ammonia in excess of 10.0 ppm by volume, dry basis, corrected to 15% O₂ based on a one hour average.

Compliance shall be determined using emissions testing.

(1) Ammonia testing shall be conducted once per year, except for those calendar years in which ammonia testing is conducted when combusting fuel oil.

(2) Regardless of whether ammonia testing has been



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conducted when combusting fuel oil, testing of ammonia emissions when combusting natural gas is required at least once per permit term, except testing for ammonia emissions on natural gas is not required if the facility combusts natural gas less than 500 hours per year during each calendar year period during the permit term.

The results of testing shall be submitted to the DEC within 30 days of completion of testing.

(3) The owner or operator shall submit to the DEC a plan for monitoring ammonia flow and computing ammonia emissions. Such plan shall be submitted within 180 days of receipt of this permit. Upon DEC approval, the owner or operator shall maintain records of ammonia flow and report to the DEC when calculated emissions of ammonia slip exceed the stated limit.

(4) As an alternative to computing ammonia slip in accordance with item 3 above, the owner or operator may install and operate a device for continuously monitoring emissions of ammonia (i.e., an ammonia continuous emissions monitoring device). If this monitoring option is chosen, such device shall be installed, operated and maintained in accordance with a plan submitted to the DEC. Such plan shall be submitted within 180 days of receipt of this permit, and installation shall be completed within 270 days of receipt of this permit.

Parameter Monitored: AMMONIA

Upper Permit Limit: 10 parts per million by volume (dry, corrected to 15% O₂)

Reference Test Method: 40 CFR 60 RM 17

Monitoring Frequency: ANNUALLY

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

Condition 150: Compliance Demonstration
Effective between the dates of 06/16/2006 and 06/15/2011

Applicable State Requirement: 6NYCRR 617.11(d)

Item 150.1:

The Compliance Demonstration activity will be performed for:



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Emission Unit: U-00002 Emission Point: 00002
Process: T2G

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

Item 150.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The owner or operator shall not cause or allow emissions of ammonia in excess of 5.0 pounds per hour based on a one hour average. Compliance shall be determined using emissions testing.

(1) Ammonia testing shall be conducted once per year, except for those calendar years in which ammonia testing is conducted when combusting fuel oil.

(2) Regardless of whether ammonia testing has been conducted when combusting fuel oil, testing of ammonia emissions when combusting natural gas is required at least once per permit term, except testing for ammonia emissions on natural gas is not required if the facility combusts natural gas less than 500 hours per year during each calendar year period during the permit term.

The results of testing shall be submitted to the DEC within 30 days of completion of testing.

(3) The owner or operator shall submit to the DEC a plan for monitoring ammonia flow and computing ammonia emissions. Such plan shall be submitted within 180 days of receipt of this permit. Upon DEC approval, the owner or operator shall maintain records of ammonia flow and report to the DEC when calculated emissions of ammonia slip exceed the stated limit.

(4) As an alternative to computing ammonia slip in accordance with item 3 above, the owner or operator may install and operate a device for continuously monitoring emissions of ammonia (i.e., an ammonia continuous emissions monitoring device). If this monitoring option is chosen, such device shall be installed, operated and maintained in accordance with a plan submitted to the DEC.

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Such plan shall be submitted within 180 days of receipt of this permit, and installation shall be completed within 270 days of receipt of this permit.

Parameter Monitored: AMMONIA
Upper Permit Limit: 5 pounds per hour
Reference Test Method: 40 CFR 60 RM 17
Monitoring Frequency: ANNUALLY
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 12 calendar month(s).