



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

**IDENTIFICATION INFORMATION**

Permit Type: Air Title V Facility  
Permit ID: 6-4012-00053/00010  
Effective Date: 03/21/2012 Expiration Date: 03/20/2017

Permit Issued To: AG-ENERGY LP  
ENTRANCE AVE  
PO BOX 585  
OGDENSBURG, NY 13669-0585

Contact: GREG SHARLAND  
OGDENSBURG ENERGY FACILITY  
PO BOX 585  
OGDENSBURG, NY 13669-0585

Facility: OGDENSBURG ENERGY FACILITY  
21 ENTRANCE AVE  
OGDENSBURG, NY 13669

Description:  
COGENERATION FACILITY CONSISTING OF ONE COMBUSTION TURBINE/HRSG FIRING NATURAL GAS OR DISTILLATE OIL WITH A DUCT BURNER FIRING NATURAL GAS ONLY, AND WITH WATER INJECTION AND SCR; A SECOND COMBUSTION TURBINE FIRING NATURAL GAS OR DISTILLATE WITH WATER INJECTION AND SCR; AN AUXILIARY BOILER FIRING NATURAL GAS OR DISTILLATE OIL; AN EMERGENCY DIESEL GENERATOR; AND A DIESEL FIRE WATER PUMP. THE FACILITY IS INTENDED TO PROVIDE STEAM TO A HOST FACILITY. THE COGENERATION FACILITY IS NOT SUBJECT TO PSD; HOWEVER IT IS SUBJECT TO NSPS. THE FACILITY IS MAJOR FOR TITLE V. THE POLLUTANTS WHICH GIVE THE FACILITY MAJOR SOURCE STATUS ARE NO<sub>x</sub>, CO, AND VOCs. The facility is also subject to the Acid Deposition Reduction Act (ADR), Parts 237 and 238, and NO<sub>x</sub> Budget, Part 204.

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: LAWRENCE R AMBEAU  
NYSDEC - STATE OFFICE BLDG  
317 WASHINGTON ST  
WATERTOWN, NY 13601

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



**Notification of Other State Permittee Obligations**

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

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

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

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

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

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

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

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



**LIST OF CONDITIONS**

**DEC GENERAL CONDITIONS**

**General Provisions**

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

**Facility Level**

- Submission of application for permit modification or renewal-REGION 6 HEADQUARTERS



**DEC GENERAL CONDITIONS**

**\*\*\*\* General Provisions \*\*\*\***

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

**GENERAL CONDITIONS - Apply to ALL Authorized Permits.**

**Condition 1: Facility Inspection by the Department**

**Applicable State Requirement: ECL 19-0305**

**Item 1.1:**

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

**Item 1.2:**

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

**Item 1.3:**

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

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

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

**Item 2.1:**

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

**Condition 3: Applications for permit renewals, modifications and transfers**

**Applicable State Requirement: 6 NYCRR 621.11**

**Item 3.1:**

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

**Item 3.2:**

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

**Item 3.3:**

Permits are transferrable with the approval of the department unless specifically prohibited by the statute, regulation or another permit condition. Applications for permit transfer should be submitted to the Department at least 30 days before the expiration of the permit.



**Condition 4: Permit modifications, suspensions or revocations by the Department**  
**Applicable State Requirement: 6 NYCRR 621.13**

**Item 4.1:**

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

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

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

**Condition 5: Submission of application for permit modification or renewal-REGION 6 HEADQUARTERS**  
**Applicable State Requirement: 6 NYCRR 621.6 (a)**

**Item 5.1:**

Submission of applications for permit modification or renewal are to be submitted to:

NYSDEC Regional Permit Administrator  
Region 6 Headquarters  
Division of Environmental Permits  
State Office Building, 317 Washington Street  
Watertown, NY 13601-3787  
(315) 785-2245

**New York State Department of Environmental Conservation**

Permit ID: 6-4012-00053/00010

Facility DEC ID: 6401200053



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

**ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT**

**IDENTIFICATION INFORMATION**

Permit Issued To: AG-ENERGY LP  
ENTRANCE AVE  
PO BOX 585  
OGDENSBURG, NY 13669-0585

Facility: OGDENSBURG ENERGY FACILITY  
21 ENTRANCE AVE  
OGDENSBURG, NY 13669

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

Permit Effective Date: 03/21/2012

Permit Expiration Date: 03/20/2017



## LIST OF CONDITIONS

### FEDERALLY ENFORCEABLE CONDITIONS

#### Facility Level

- 1 6 NYCRR 200.6: Acceptable Ambient Air Quality
- 2 6 NYCRR 201-6.5 (a) (7): Fees
- 3 6 NYCRR 201-6.5 (c): Recordkeeping and reporting of compliance monitoring
- 4 6 NYCRR 201-6.5 (c) (2): Monitoring, Related Recordkeeping, and Reporting Requirements.
- 5 6 NYCRR 201-6.5 (c) (3) (ii): Compliance Certification
- 6 6 NYCRR 201-6.5 (e): Compliance Certification
- 7 6 NYCRR 202-2.1: Compliance Certification
- 8 6 NYCRR 202-2.5: Recordkeeping requirements
- 9 6 NYCRR 215.2: Open Fires - Prohibitions
- 10 6 NYCRR 200.7: Maintenance of Equipment
- 11 6 NYCRR 201-1.7: Recycling and Salvage
- 12 6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 13 6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
- 14 6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
- 15 6 NYCRR 201-6.5 (a) (4): Standard Requirement - Provide Information
- 16 6 NYCRR 201-6.5 (a) (8): General Condition - Right to Inspect
- 17 6 NYCRR 201-6.5 (d) (5): Standard Requirements - Progress Reports
- 18 6 NYCRR 201-6.5 (f) (6): Off Permit Changes
- 19 6 NYCRR 202-1.1: Required Emissions Tests
- 20 40 CFR Part 68: Accidental release provisions.
- 21 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 22 6 NYCRR 200.7: Compliance Certification
- 23 6 NYCRR 200.7: Compliance Certification
- 24 6 NYCRR 200.7: Compliance Certification
- 25 6 NYCRR 200.7: Compliance Certification
- 26 6 NYCRR 200.7: Compliance Certification
- 27 6 NYCRR 200.7: Compliance Certification
- 28 6 NYCRR 200.7: Compliance Certification
- 29 6 NYCRR Subpart 201-6: Emission Unit Definition
- 30 6 NYCRR Subpart 201-7: Facility Permissible Emissions
- \*31 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*32 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*33 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*34 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*35 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*36 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*37 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*38 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*39 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*40 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*41 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*42 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*43 6 NYCRR Subpart 201-7: Capping Monitoring Condition



- \*44 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*45 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*46 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*47 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*48 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*49 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*50 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*51 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*52 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*53 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*54 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*55 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 56 6 NYCRR 202-1.2: Notification
- 57 6 NYCRR 202-1.3: Acceptable procedures
- 58 6 NYCRR 202-1.3: Acceptable procedures - Stack test report submittal
- 59 6 NYCRR 202-1.3: Alternate test methods
- 60 6 NYCRR 202-1.5: Prohibitions
- 61 6 NYCRR 211.1: Air pollution prohibited
- 62 6 NYCRR 225-1.8 (a): Compliance Certification
- 63 6 NYCRR 225-1.8 (d): Sampling, compositing, and analysis of fuel samples
- 64 6 NYCRR 227-1.3 (a): Compliance Certification
- 65 6 NYCRR 227-1.3 (a): Compliance Certification
- 66 6 NYCRR 227.2 (b) (1): Compliance Certification
- 67 6 NYCRR 243-1.6 (a): Permit Requirements
- 68 6 NYCRR 243-1.6 (b): Monitoring requirements
- 69 6 NYCRR 243-1.6 (c): NOx Ozone Season Emission Requirements
- 70 6 NYCRR 243-1.6 (d): Excess emission requirements
- 71 6 NYCRR 243-1.6 (e): Recordkeeping and reporting requirements
- 72 6 NYCRR Subpart 244-1: Compliance Certification
- 73 6 NYCRR Subpart 244-2: Compliance Certification
- 74 6 NYCRR Subpart 244-8: Compliance Certification
- 75 6 NYCRR Subpart 245-1: CAIR SO2 Trading Program General Provisions
- 76 6 NYCRR Subpart 245-2: Designated CAIR Representative
- 77 6 NYCRR Subpart 245-8: Compliance Certification
- 78 40CFR 52.21, Subpart A: Compliance Certification
- 79 40CFR 52.21, Subpart A: Compliance Certification
- 80 40CFR 52.21(j)(1), Subpart A: Minimum requirements.
- 81 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
- 82 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 83 40CFR 60.7(d), NSPS Subpart A: Excess emissions report.
- 84 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
- 85 40CFR 60.11, NSPS Subpart A: Compliance Certification
- 86 40CFR 60.11, NSPS Subpart A: Compliance Certification
- 87 40CFR 60.13, NSPS Subpart A: Monitoring requirements.
- 88 40CFR 60.48c, NSPS Subpart Dc: Compliance Certification
- 89 40CFR 60, NSPS Subpart GG: The applicability of 40CFR 60-GG to this facility.
- 90 40CFR 60.334(b), NSPS Subpart GG: Compliance Certification
- 91 40CFR 60.334(h)(3), NSPS Subpart GG: Compliance Certification
- 92 40CFR 63.11194(a), Subpart JJJJJ: Affected source
- 93 40CFR 63.11201(b), Subpart JJJJJ: Compliance Certification
- 94 40CFR 63.11201(b), Subpart JJJJJ: Compliance Certification



- 95 40CFR 63.11201(c), Subpart JJJJJJ: Compliance Certification
- 96 40CFR 63.11205(a), Subpart JJJJJJ: Good air pollution control practices
- 97 40CFR 63.11222(a)(2), Subpart JJJJJJ: Compliance Certification
- 98 40CFR 63.11225(b), Subpart JJJJJJ: Compliance Certification
- 99 40CFR 63.11225(c), Subpart JJJJJJ: Compliance Certification
- 100 40CFR 63.11225(d), Subpart JJJJJJ: Form of records
- 101 40CFR 63.11226(a), Subpart JJJJJJ: Affirmative defense
- 102 40CFR 63.11226(b), Subpart JJJJJJ: Malfunction
- 103 40CFR 63.11235, Subpart JJJJJJ: General provisions

**Emission Unit Level**

- 104 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
- 105 6 NYCRR Subpart 201-6: Process Definition By Emission Unit
- 106 6 NYCRR Subpart 201-7: Process Permissible Emissions

**EU=1-AXBLR,Proc=AXG,ES=AUXBL**

- 107 6 NYCRR 202-1.1: Compliance Certification
- 108 40CFR 63.11201(a), Subpart JJJJJJ: Compliance Certification

**EU=1-AXBLR,Proc=BXB,ES=AUXB2**

- 109 40CFR 60.46c(e), NSPS Subpart Dc: Exemption from sulfur dioxide monitoring requirements.

**EU=1-AXBLR,Proc=BXO,ES=AUXB2**

- 110 40CFR 60.46c(e), NSPS Subpart Dc: Exemption from sulfur dioxide monitoring requirements.

**EU=1-LM25T,Proc=25G**

- 111 6 NYCRR 202-1.1: Compliance Certification

**EU=1-LM60T,Proc=6DG**

- 112 6 NYCRR 202-1.1: Compliance Certification

**EU=1-LM60T,Proc=6NG**

- 113 6 NYCRR 202-1.1: Compliance Certification

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 114 ECL 19-0301: Contaminant List
- 115 6 NYCRR 201-1.4: Unavoidable noncompliance and violations
- 116 6 NYCRR 211.2: Visible Emissions Limited
- 117 6 NYCRR 242-1.5: Compliance Demonstration
- 118 6 NYCRR 242-1.5: Compliance Demonstration
- 119 6 NYCRR Subpart 242-4: Compliance Demonstration
- 121 6 NYCRR Subpart 242-8: Compliance Demonstration
- 120 6 NYCRR 242-8.5: Compliance Demonstration

NOTE: \* preceding the condition number indicates capping.



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

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

**Item A: Emergency Defense - 6 NYCRR 201-1.5**

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

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

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

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

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

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

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



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

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

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

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

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

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

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

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

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

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

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

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



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

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

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

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

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

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

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

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



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

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

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

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

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

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

**Item L: Permit Exclusion - ECL 19-0305**

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



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

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

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

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

**Condition 1: Acceptable Ambient Air Quality**  
**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement:6 NYCRR 200.6**

**Item 1.1:**

Notwithstanding the provisions of 6 NYCRR Chapter III, Subchapter A, no person shall allow or permit any air contamination source to emit air contaminants in quantities which alone or in combination with emissions from other air contamination sources would contravene any applicable ambient air quality standard and/or cause air pollution. In such cases where contravention occurs or may occur, the Commissioner shall specify the degree and/or method of emission control required.

**Condition 2: Fees**  
**Effective between the dates of 03/21/2012 and 03/20/2017**

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

**Item 2.1:**

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

**Condition 3: Recordkeeping and reporting of compliance monitoring**  
**Effective between the dates of 03/21/2012 and 03/20/2017**

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

**Item 3.1:**



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

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

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

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

**Effective between the dates of 03/21/2012 and 03/20/2017**

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

**Item 4.1:**

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

**Condition 5: Compliance Certification**

**Effective between the dates of 03/21/2012 and 03/20/2017**

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

**Item 5.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 5.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Submit reports of any required monitoring at a minimum



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

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

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

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



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

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

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

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

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2012.

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



**Condition 6: Compliance Certification**  
Effective between the dates of 03/21/2012 and 03/20/2017

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

**Item 6.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 6.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

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

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

The address for the RAPCE is as follows:

State Office Building  
317 Washington Street  
Watertown, NY 13601-3787

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 1/30/2013.  
Subsequent reports are due on the same day each year

**Condition 7: Compliance Certification**  
**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement:6 NYCRR 202-2.1**

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

**Item 7.2:**  
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Emission statements shall be submitted on or before April 15th each year for emissions of the previous calendar year.

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 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement:6 NYCRR 202-2.5**

**Item 8.1:**

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

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

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

**Condition 9: Open Fires - Prohibitions**  
**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement:6 NYCRR 215.2**

**Item 9.1:**

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

**Item 9.2**

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

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



police or other public safety organization.

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

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

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

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

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

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

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

**Condition 10: Maintenance of Equipment**  
**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement:6 NYCRR 200.7**

**Item 10.1:**

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

**Condition 11: Recycling and Salvage**  
**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement:6 NYCRR 201-1.7**

**Item 11.1:**

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

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



Effective between the dates of 03/21/2012 and 03/20/2017

Applicable Federal Requirement:6 NYCRR 201-1.8

**Item 12.1:**

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

**Condition 13: Exempt Sources - Proof of Eligibility**  
Effective between the dates of 03/21/2012 and 03/20/2017

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

**Item 13.1:**

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

**Condition 14: Trivial Sources - Proof of Eligibility**  
Effective between the dates of 03/21/2012 and 03/20/2017

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

**Item 14.1:**

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

**Condition 15: Standard Requirement - Provide Information**  
Effective between the dates of 03/21/2012 and 03/20/2017

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

**Item 15.1:**

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



**Condition 16: General Condition - Right to Inspect**  
Effective between the dates of 03/21/2012 and 03/20/2017

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

**Item 16.1:**

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

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

**Condition 17: Standard Requirements - Progress Reports**  
Effective between the dates of 03/21/2012 and 03/20/2017

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

**Item 17.1:**

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

- (i) dates for achieving the activities, milestones, or compliance required in the schedule of compliance, and dates when such activities, milestones or compliance were achieved; and
- (ii) an explanation of why any dates in the schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

**Condition 18: Off Permit Changes**  
Effective between the dates of 03/21/2012 and 03/20/2017

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

**Item 18.1:**

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





Effective between the dates of 03/21/2012 and 03/20/2017

Applicable Federal Requirement:40CFR 82, Subpart F

**Item 21.1:**

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

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

**Condition 22: Compliance Certification**

Effective between the dates of 03/21/2012 and 03/20/2017

Applicable Federal Requirement:6 NYCRR 200.7

**Item 22.1:**

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

Emission Unit: 1-LM25T

Emission Unit: 1-LM60T

Regulated Contaminant(s):

CAS No: 007664-41-7 AMMONIA

**Item 22.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

THIS IS THE AMMONIA EMISSION LIMIT DURING SHUTDOWN OF BOTH UNITS. THIS EMISSION LIMIT IS A POUND PER SHUTDOWN LIMIT WHICH IS NOT TO EXCEED 120 MINUTES IN DURATION.

Manufacturer Name/Model Number: ROSEMOUNT 951C

Upper Permit Limit: 7.99 pounds

Reference Test Method: EPA METHOD 7

Monitoring Frequency: CONTINUOUS

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED PER OCCURRENCE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2012.

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



**Condition 23: Compliance Certification**  
Effective between the dates of 03/21/2012 and 03/20/2017

**Applicable Federal Requirement:6 NYCRR 200.7**

**Item 23.1:**

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

Emission Unit: 1-LM25T

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

**Item 23.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

THIS IS THE AMMONIA EMISSION LIMIT DURING SHUTDOWN OF THE LM2500. THIS EMISSION LIMIT IS A POUND PER SHUTDOWN LIMIT WHICH IS NOT TO EXCEED 120 MINUTES IN DURATION.

Manufacturer Name/Model Number: ROSEMOUNT 951C

Upper Permit Limit: 3.44 pounds

Reference Test Method: EPA METHOD 7

Monitoring Frequency: CONTINUOUS

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED PER OCCURRENCE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2012.

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

**Condition 24: Compliance Certification**  
Effective between the dates of 03/21/2012 and 03/20/2017

**Applicable Federal Requirement:6 NYCRR 200.7**

**Item 24.1:**

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

Emission Unit: 1-LM60T

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

**Item 24.2:**

Compliance Certification shall include the following monitoring:

**New York State Department of Environmental Conservation**

Permit ID: 6-4012-00053/00010

Facility DEC ID: 6401200053



Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

THIS IS THE AMMONIA EMISSION LIMIT DURING SHUTDOWN OF THE LM6000. THIS EMISSION LIMIT IS A POUND PER SHUTDOWN LIMIT WHICH IS NOT TO EXCEED 120 MINUTES IN DURATION.

Manufacturer Name/Model Number: ROSEMOUNT 951C

Upper Permit Limit: 4.55 pounds

Reference Test Method: EPA METHOD 7

Monitoring Frequency: CONTINUOUS

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED PER OCCURRENCE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2012.

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

**Condition 25: Compliance Certification**  
**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement: 6 NYCRR 200.7**

**Item 25.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-LM25T

Emission Unit: 1-LM60T

Regulated Contaminant(s):

CAS No: 007664-41-7 AMMONIA

**Item 25.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

THIS IS THE AMMONIA EMISSION LIMIT DURING STARTUP OF BOTH UNITS. THIS EMISSION LIMIT IS A POUND PER STARTUP LIMIT WHICH IS NOT TO EXCEED 180 MINUTES IN DURATION. STARTUP BEGINS WHEN FUEL FLOW IS INITIATED. MALFUNCTIONS AND EMERGENCIES ARE NOT INCLUDED IN THIS STARTUP LIMITATION.

Manufacturer Name/Model Number: ROSEMOUNT 951C

Upper Permit Limit: 10.31 pounds

**New York State Department of Environmental Conservation**

Permit ID: 6-4012-00053/00010

Facility DEC ID: 6401200053



Reference Test Method: EPA METHOD 7  
Monitoring Frequency: CONTINUOUS  
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED PER OCCURRENCE  
Reporting Requirements: QUARTERLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 4/30/2012.  
Subsequent reports are due every 3 calendar month(s).

**Condition 26: Compliance Certification**  
**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement:6 NYCRR 200.7**

**Item 26.1:**

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

Emission Unit: 1-LM25T

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

**Item 26.2:**

Compliance Certification shall include the following monitoring:

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

THIS IS THE AMMONIA EMISSION LIMIT DURING STARTUP OF THE LM2500. THIS EMISSION LIMIT IS A POUND PER STARTUP LIMIT WHICH IS NOT TO EXCEED 180 MINUTES IN DURATION. STARTUP BEGINS WHEN FUEL FLOW IS INITIATED. MALFUNCTIONS AND EMERGENCIES ARE NOT INCLUDED IN THIS STARTUP LIMITATION.

Manufacturer Name/Model Number: ROSEMOUNT 951C  
Upper Permit Limit: 5.05 pounds  
Reference Test Method: EPA METHOD 7  
Monitoring Frequency: CONTINUOUS  
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED PER OCCURRENCE  
Reporting Requirements: QUARTERLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 4/30/2012.  
Subsequent reports are due every 3 calendar month(s).

**Condition 27: Compliance Certification**  
**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement:6 NYCRR 200.7**

**New York State Department of Environmental Conservation**

Permit ID: 6-4012-00053/00010

Facility DEC ID: 6401200053



**Item 27.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-LM25T

Emission Unit: 1-LM60T

Regulated Contaminant(s):

CAS No: 007664-41-7 AMMONIA

**Item 27.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

AMMONIA SLIP IS MONITORED AFTER THE  
SELECTIVE CATALYTIC REDUCTION UNIT AND  
USED TO OPERATE THE SCR UNIT EFFECTIVELY.  
THE AVERAGE AMMONIA EMISSIONS ARE TO BE  
RECORDED HOURLY. AMMONIA MASS EMISSIONS  
ARE LIMITED TO 10 PPMVD (CORRECTED TO 15%  
O<sub>2</sub>) AND 6.6 LB/HR FOR THE LM6000 (3.4  
LB/HR FOR LM2500). THESE LIMITS ARE  
APPLICABLE TO THE ABOVE PROCESSES DURING  
STEADY STATE OPERATION. THIS LIMIT IS  
NOT APPLICABLE DURING STARTUP, SHUTDOWN,  
AND MALFUNCTIONS.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: AMMONIA

Manufacturer Name/Model Number: Rosemount 951C

Upper Permit Limit: 10 parts per million by volume (dry,  
corrected to 15% O<sub>2</sub>)

Reference Test Method: EPA Method 7

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2012.

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

**Condition 28: Compliance Certification**

**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement:6 NYCRR 200.7**

**Item 28.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

New York State Department of Environmental Conservation

Permit ID: 6-4012-00053/00010

Facility DEC ID: 6401200053



Emission Unit: 1-LM60T

Regulated Contaminant(s):

CAS No: 007664-41-7 AMMONIA

**Item 28.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

THIS IS THE AMMONIA EMISSION LIMIT DURING STARTUP OF THE LM6000. THIS EMISSION LIMIT IS A POUND PER STARTUP LIMIT WHICH IS NOT TO EXCEED 180 MINUTES IN DURATION. STARTUP BEGINS WHEN FUEL FLOW IS INITIATED. MALFUNCTIONS AND EMERGENCIES ARE NOT INCLUDED IN THIS STARTUP LIMITATION.

Manufacturer Name/Model Number: ROSEMOUNT 951C

Upper Permit Limit: 5.26 pounds

Reference Test Method: EPA METHOD 7

Monitoring Frequency: CONTINUOUS

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED PER OCCURRENCE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2012.

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

**Condition 29: Emission Unit Definition**

**Effective between the dates of 03/21/2012 and 03/20/2017**

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

**Item 29.1:**

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

Emission Unit: 1-AXBLR

Emission Unit Description:

TWO AUXILIARY BOILERS EXHAUSTING THROUGH A SINGLE STACK.

Building(s): 1

**Item 29.2:**

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

Emission Unit: 1-LM25T

Emission Unit Description:

GE LM 2500 COMBUSTION TURBINE/HRSG WITH WATER INJECTION, AND SCR, EXHAUSTING THROUGH A SINGLE STACK.



Building(s): 1

**Item 29.3:**

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

Emission Unit: 1-LM60T

Emission Unit Description:

GE LM 6000 COMBUSTION TURBINE/HRSG WITH  
DUCT BURNER, WATER INJECTION, AND SCR,  
EXHAUSTING THROUGH A SINGLE STACK.

Building(s): 1

**Condition 30: Facility Permissible Emissions**  
**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 30.1:**

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

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

CAS No: 000630-08-0 PTE: 378,000 pounds per year  
Name: CARBON MONOXIDE

CAS No: 007446-09-5 PTE: 67,060 pounds per year  
Name: SULFUR DIOXIDE

CAS No: 0NY210-00-0 PTE: 340,000 pounds per year  
Name: OXIDES OF NITROGEN

**Condition 31: Capping Monitoring Condition**  
**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 31.1:**

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

40 CFR 52.21

**Item 31.2:**

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

**Item 31.3:**

The owner or operator of the permitted facility must maintain all required records on-site for a

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period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

**Item 31.4:**

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

**Item 31.5:**

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

**Item 31.6:**

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

Emission Unit: 1-LM60T  
Process: 6DO

Emission Unit: 1-LM60T  
Process: 6NO

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

**Item 31.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

FACILITY WILL LIMIT THIS UNIT TO  
3,200,000 GALLONS OF NO. 2 FUEL OIL PER  
YEAR CALCULATED ON A DAILY ROLLING  
BASIS.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Upper Permit Limit: 3,200,000 gallons per year

Monitoring Frequency: DAILY

Averaging Method: ANNUAL TOTAL ROLLED DAILY

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2012.

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



**Condition 32: Capping Monitoring Condition**  
**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 32.1:**

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

40 CFR 52.21

**Item 32.2:**

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

**Item 32.3:**

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

**Item 32.4:**

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

**Item 32.5:**

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

**Item 32.6:**

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

Emission Unit: 1-AXBLR  
Process: BXB Emission Source: AUXB2

Emission Unit: 1-AXBLR  
Process: BXG Emission Source: AUXB2

Emission Unit: 1-AXBLR  
Process: BXO Emission Source: AUXB2

Regulated Contaminant(s):

**New York State Department of Environmental Conservation**

Permit ID: 6-4012-00053/00010

Facility DEC ID: 6401200053



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

**Item 32.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

STACK TESTING TO DETERMINE NO<sub>x</sub> EMISSIONS  
FROM THE CLEAVER BROOKS AUXILIARY BOILER  
STACK.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.12 pounds per million Btus

Reference Test Method: EPA METHOD 7

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 33: Capping Monitoring Condition**

**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 33.1:**

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

40 CFR 52.21

**Item 33.2:**

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

**Item 33.3:**

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

**Item 33.4:**

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

**Item 33.5:**

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

**Item 33.6:**

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

Emission Unit: 1-LM60T  
Process: 6NG

Emission Unit: 1-LM60T  
Process: 6NO

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

**Item 33.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CEMS TO MONITOR CO EMISSIONS FROM COMBUSTION TURBINE/HRSG STACK. THIS LIMIT IS APPLICABLE TO THE ABOVE PROCESSES DURING STEADY STATE OPERATION. THIS LIMIT IS NOT APPLICABLE DURING STARTUP, SHUTDOWN, AND MALFUNCTIONS.

Manufacturer Name/Model Number: SIEMENS ULTRAMAT

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 15.3 pounds per hour

Reference Test Method: EPA METHOD 10

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 4/30/2012.

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

**Condition 34:      Capping Monitoring Condition**  
**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 34.1:**

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



40 CFR 52.21

**Item 34.2:**

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

**Item 34.3:**

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

**Item 34.4:**

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

**Item 34.5:**

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

**Item 34.6:**

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

Emission Unit: 1-LM25T

Emission Unit: 1-LM60T

Regulated Contaminant(s):

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

**Item 34.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

THIS IS THE NO<sub>x</sub> EMISSION LIMIT DURING STARTUP OF BOTH UNITS. THIS EMISSION LIMIT IS A POUND PER STARTUP LIMIT WHICH IS NOT TO EXCEED 180 MINUTES IN DURATION. STARTUP BEGINS WHEN FUEL FLOW IS INITIATED. MALFUNCTIONS AND EMERGENCIES ARE NOT INCLUDED IN THIS STARTUP LIMITATION.



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Emission Unit: 1-LM25T

Emission Unit: 1-LM60T

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 35.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

THIS IS THE CO EMISSION LIMIT DURING SHUTDOWN OF BOTH UNITS. THIS EMISSION LIMIT IS A POUND PER SHUTDOWN LIMIT WHICH IS NOT TO EXCEED 120 MINUTES IN DURATION.

Manufacturer Name/Model Number: SIEMENS ULTRAMAT

Upper Permit Limit: 64.4 pounds

Reference Test Method: EPA Method 10

Monitoring Frequency: CONTINUOUS

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED PER OCCURRENCE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2012.

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

**Condition 36: Capping Monitoring Condition**  
**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 36.1:**

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

40 CFR 52.21

**Item 36.2:**

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

**Item 36.3:**

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





Effective between the dates of 03/21/2012 and 03/20/2017

Applicable Federal Requirement:6 NYCRR Subpart 201-7

**Item 37.1:**

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

40 CFR 52.21

**Item 37.2:**

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

**Item 37.3:**

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

**Item 37.4:**

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

**Item 37.5:**

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

**Item 37.6:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-AXBLR

Process: BXB

Emission Source: AUXB2

Emission Unit: 1-AXBLR

Process: BXG

Emission Source: AUXB2

Emission Unit: 1-AXBLR

Process: BXO

Emission Source: AUXB2

Regulated Contaminant(s):

CAS No: 0NY210-00-0

OXIDES OF NITROGEN

**New York State Department of Environmental Conservation**

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Facility DEC ID: 6401200053



**Item 37.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

STACK TESTING TO DETERMINE NO<sub>x</sub> EMISSIONS  
FROM THE CLEAVER BROOKS AUXILIARY BOILER  
STACK.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 9.26 pounds per hour

Reference Test Method: EPA METHOD 7

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 38: Capping Monitoring Condition**  
**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 38.1:**

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

40 CFR 52.21

**Item 38.2:**

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

**Item 38.3:**

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

**Item 38.4:**

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

**Item 38.5:**

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

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the Act.

**Item 38.6:**

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

Emission Unit: 1-LM60T

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 38.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

THIS IS THE CO EMISSION LIMIT DURING SHUTDOWN OF THE LM6000. THIS EMISSION LIMIT IS A POUND PER SHUTDOWN LIMIT WHICH IS NOT TO EXCEED 120 MINUTES IN DURATION.

Manufacturer Name/Model Number: SIEMENS ULTRAMAT

Upper Permit Limit: 41.0 pounds

Reference Test Method: EPA Method 10

Monitoring Frequency: CONTINUOUS

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED PER OCCURRENCE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2012.

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

**Condition 39: Capping Monitoring Condition**

**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 39.1:**

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

40 CFR 52.21

**Item 39.2:**

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

**Item 39.3:**

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

**Item 39.4:**

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

**Item 39.5:**

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

**Item 39.6:**

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

Emission Unit: 1-LM60T

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 39.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

THIS IS THE CO EMISSION LIMIT DURING STARTUP OF THE LM6000. THIS EMISSION LIMIT IS A POUND PER STARTUP LIMIT WHICH IS NOT TO EXCEED 180 MINUTES IN DURATION. STARTUP BEGINS WHEN FUEL FLOW IS INITIATED. MALFUNCTIONS AND EMERGENCIES ARE NOT INCLUDED IN THIS STARTUP LIMITATION.

Manufacturer Name/Model Number: SIEMENS ULTRAMAT

Upper Permit Limit: 54.2 pounds

Reference Test Method: EPA Method 10

Monitoring Frequency: CONTINUOUS

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED PER OCCURRENCE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2012.



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

**Condition 40: Capping Monitoring Condition**  
**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement: 6 NYCRR Subpart 201-7**

**Item 40.1:**

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

40 CFR 52.21

**Item 40.2:**

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

**Item 40.3:**

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

**Item 40.4:**

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

**Item 40.5:**

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

**Item 40.6:**

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

Emission Unit: 1-LM60T

Regulated Contaminant(s):

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

**Item 40.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

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Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

THIS IS THE NO<sub>x</sub> EMISSION LIMIT DURING STARTUP OF THE LM6000. THIS EMISSION LIMIT IS A POUND PER STARTUP LIMIT WHICH IS NOT TO EXCEED 180 MINUTES IN DURATION. STARTUP BEGINS WHEN FUEL FLOW IS INITIATED. MALFUNCTIONS AND EMERGENCIES ARE NOT INCLUDED IN THIS STARTUP LIMITATION.

Manufacturer Name/Model Number: ROSEMOUNT 951C

Upper Permit Limit: 210.0 pounds

Reference Test Method: EPA Method 7

Monitoring Frequency: CONTINUOUS

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED PER OCCURRENCE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2012.

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

**Condition 41: Capping Monitoring Condition**  
**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 41.1:**

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

40 CFR 52.21

**Item 41.2:**

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

**Item 41.3:**

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

**Item 41.4:**

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

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applicable requirement.

**Item 41.5:**

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

**Item 41.6:**

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

Emission Unit: 1-LM60T  
Process: 6DG

Emission Unit: 1-LM60T  
Process: 6DO

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

**Item 41.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CEMS TO MONITOR CO EMISSIONS FROM COMBUSTION TURBINE/HRSG STACK. THIS LIMIT IS APPLICABLE TO THE ABOVE PROCESSES DURING STEADY STATE OPERATION. THIS LIMIT IS NOT APPLICABLE DURING STARTUP, SHUTDOWN, AND MALFUNCTIONS.

Manufacturer Name/Model Number: SIEMENS ULTRAMAT

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 22.5 pounds per hour

Reference Test Method: EPA METHOD 10

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 4/30/2012.

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

**Condition 42: Capping Monitoring Condition**  
**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 42.1:**

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to

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the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

40 CFR 52.21

**Item 42.2:**

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

**Item 42.3:**

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

**Item 42.4:**

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

**Item 42.5:**

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

**Item 42.6:**

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

Emission Unit: 1-LM25T

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 42.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

THIS IS THE CO EMISSION LIMIT DURING SHUTDOWN OF THE LM2500. THIS EMISSION LIMIT IS A POUND PER SHUTDOWN LIMIT WHICH IS NOT TO EXCEED 120 MINUTES IN DURATION.

Manufacturer Name/Model Number: SIEMENS ULTRAMAT

Upper Permit Limit: 23.4 pounds



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Regulated Contaminant(s):

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

**Item 43.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

THIS IS THE NO<sub>x</sub> EMISSION LIMIT DURING STARTUP OF THE LM2500. THIS EMISSION LIMIT IS A POUND PER STARTUP LIMIT WHICH IS NOT TO EXCEED 180 MINUTES IN DURATION. STARTUP BEGINS WHEN FUEL FLOW IS INITIATED. MALFUNCTIONS AND EMERGENCIES ARE NOT INCLUDED IN THIS STARTUP LIMITATION.

Manufacturer Name/Model Number: ROSEMOUNT 951C

Upper Permit Limit: 130.0 pounds

Reference Test Method: EPA Method 7

Monitoring Frequency: CONTINUOUS

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED PER OCCURRENCE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2012.

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

**Condition 44: Capping Monitoring Condition**

**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 44.1:**

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

40 CFR 52.21

**Item 44.2:**

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

**Item 44.3:**

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

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**Item 44.4:**

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

**Item 44.5:**

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

**Item 44.6:**

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

Emission Unit: 1-LM25T

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 44.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

THIS IS THE CO EMISSION LIMIT DURING STARTUP OF THE LM2500. THIS EMISSION LIMIT IS A POUND PER STARTUP LIMIT WHICH IS NOT TO EXCEED 180 MINUTES IN DURATION. STARTUP BEGINS WHEN FUEL FLOW IS INITIATED. MALFUNCTIONS AND EMERGENCIES ARE NOT INCLUDED IN THIS STARTUP LIMITATION.

Manufacturer Name/Model Number: SIEMENS ULTRAMAT

Upper Permit Limit: 43.1 pounds

Reference Test Method: EPA Method 10

Monitoring Frequency: CONTINUOUS

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED PER OCCURRENCE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2012.

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

**Condition 45: Capping Monitoring Condition**  
**Effective between the dates of 03/21/2012 and 03/20/2017**



**Applicable Federal Requirement: 6 NYCRR Subpart 201-7**

**Item 45.1:**

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

40 CFR 52.21

**Item 45.2:**

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

**Item 45.3:**

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

**Item 45.4:**

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

**Item 45.5:**

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

**Item 45.6:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5      SULFUR DIOXIDE

**Item 45.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE FACILITY SHALL LIMIT THE DISTILLATE OIL FUEL SULFUR CONTENT TO 0.08% BY WEIGHT. TO AID IN PERMIT STREAMLINING, THIS CONDITION ALSO COVERS THE FUEL SULFUR REQUIREMENTS OF PART 225-1, 40 CFR

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60 SUBPART Db, Dc, & GG.

Work Practice Type: PARAMETER OF PROCESS MATERIAL  
Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL  
Parameter Monitored: SULFUR CONTENT  
Upper Permit Limit: 0.08 percent by weight  
Reference Test Method: ASTM D 2880-71 OR EQUIVALENT  
Monitoring Frequency: PER DELIVERY  
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY  
TIME (INSTANTANEOUS/DISCRETE OR GRAB)  
Reporting Requirements: QUARTERLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 4/30/2012.  
Subsequent reports are due every 3 calendar month(s).

**Condition 46: Capping Monitoring Condition**  
**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement: 6 NYCRR Subpart 201-7**

**Item 46.1:**

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

40 CFR 52.21

**Item 46.2:**

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

**Item 46.3:**

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

**Item 46.4:**

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

**Item 46.5:**

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

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**Item 46.6:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

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

**Item 46.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

OGDENSBURG ENERGY WILL MONITOR FUEL USE (NATURAL GAS, BIODIESEL, & DISTILLATE OIL) IN EACH EMISSION SOURCE TO MAINTAIN FACILITY WIDE NO<sub>x</sub> EMISSIONS BELOW 170 TONS PER YEAR

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: FUEL

Upper Permit Limit: 170.0 tons per year

Reference Test Method: EPA METHOD 7

Monitoring Frequency: DAILY

Averaging Method: ANNUAL MAXIMUM ROLLED DAILY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2013.

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

**Condition 47: Capping Monitoring Condition  
Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 47.1:**

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

40 CFR 52.21

**Item 47.2:**

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

**Item 47.3:**

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

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other state and federal air pollution control requirements, regulations or law.

**Item 47.4:**

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

**Item 47.5:**

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

**Item 47.6:**

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

Emission Unit: 1-LM25T  
Process: 25O

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

**Item 47.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

FACILITY WILL LIMIT THIS UNIT TO  
1,950,000 GALLONS OF NO. 2 FUEL OIL PER  
YEAR CALCULATED ON A DAILY ROLLING  
BASIS.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Upper Permit Limit: 1,950,000 gallons per year

Monitoring Frequency: DAILY

Averaging Method: ANNUAL TOTAL ROLLED DAILY

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2012.

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

**Condition 48:      Capping Monitoring Condition**  
**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

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**Item 48.1:**

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

40 CFR 52.21

**Item 48.2:**

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

**Item 48.3:**

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

**Item 48.4:**

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

**Item 48.5:**

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

**Item 48.6:**

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

Emission Unit: 1-LM25T  
Process: 25O

Emission Unit: 1-LM60T  
Process: 6DO

Emission Unit: 1-LM60T  
Process: 6NO

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

**Item 48.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

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Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CEMS TO MONITOR NO<sub>x</sub> EMISSIONS FROM THE COMBUSTION TURBINE/HRSG STACK WHILE FIRING DISTILLATE OIL. THIS LIMIT IS APPLICABLE TO THE ABOVE PROCESSES DURING STEADY STATE OPERATION. THIS LIMIT IS NOT APPLICABLE DURING STARTUP, SHUTDOWN, AND MALFUNCTIONS.

Manufacturer Name/Model Number: ROSEMOUNT 951C

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 18.0 parts per million by volume  
(dry, corrected to 15% O<sub>2</sub>)

Reference Test Method: EPA METHOD 7

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 4/30/2012.

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

**Condition 49: Capping Monitoring Condition**  
**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 49.1:**

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

40 CFR 52.21

**Item 49.2:**

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

**Item 49.3:**

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

**Item 49.4:**

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

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applicable requirement.

**Item 49.5:**

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

**Item 49.6:**

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

Emission Unit: 1-LM25T

Emission Unit: 1-LM60T

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 49.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

THIS IS THE CO EMISSION LIMIT DURING  
STARTUP OF BOTH UNITS. THIS EMISSION  
LIMIT IS A POUND PER STARTUP LIMIT WHICH  
IS NOT TO EXCEED 180 MINUTES IN DURATION.  
STARTUP BEGINS WHEN FUEL FLOW IS  
INITIATED. MALFUNCTIONS AND EMERGENCIES  
ARE NOT INCLUDED IN THIS STARTUP  
LIMITATION.

Manufacturer Name/Model Number: SIEMENS ULTRAMAT

Upper Permit Limit: 97.3 pounds

Reference Test Method: EPA Method 10

Monitoring Frequency: CONTINUOUS

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED PER  
OCCURRENCE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2012.

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

**Condition 50: Capping Monitoring Condition**

**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 50.1:**

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to

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the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

40 CFR 52.21

**Item 50.2:**

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

**Item 50.3:**

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

**Item 50.4:**

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

**Item 50.5:**

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

**Item 50.6:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5      SULFUR DIOXIDE

**Item 50.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The facility shall limit SO<sub>2</sub> emissions to 67,060 lbs per year calculated on monthly rolling basis. This shall be calculated based on fuel usage and the sulfur content of the fuel burned in each unit.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: FUEL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 67060 pounds per year

Monitoring Frequency: MONTHLY

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Averaging Method: ANNUAL TOTAL ROLLED MONTHLY

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2012.

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

**Condition 51: Capping Monitoring Condition**  
**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement: 6 NYCRR Subpart 201-7**

**Item 51.1:**

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

40 CFR 52.21

**Item 51.2:**

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

**Item 51.3:**

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

**Item 51.4:**

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

**Item 51.5:**

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

**Item 51.6:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-LM60T

Regulated Contaminant(s):

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

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**Item 51.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

THIS IS THE NO<sub>x</sub> EMISSION LIMIT DURING SHUTDOWN OF THE LM6000. THIS EMISSION LIMIT IS A POUND PER SHUTDOWN LIMIT WHICH IS NOT TO EXCEED 120 MINUTES IN DURATION.

Manufacturer Name/Model Number: ROSEMOUNT 951C

Upper Permit Limit: 46.0 pounds

Reference Test Method: EPA Method 7

Monitoring Frequency: CONTINUOUS

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED PER OCCURRENCE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2012.

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

**Condition 52: Capping Monitoring Condition**

**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 52.1:**

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

40 CFR 52.21

**Item 52.2:**

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

**Item 52.3:**

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

**Item 52.4:**

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

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period and a comparison to the threshold levels that would require compliance with an applicable requirement.

**Item 52.5:**

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

**Item 52.6:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 52.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

OGDENSBURG ENERGY WILL MONITOR FUEL USE (NATURAL GAS, BIODIESEL, & DISTILLATE OIL) IN EACH EMISSION SOURCE TO MAINTAIN FACILITY WIDE CO EMISSIONS BELOW 189 TONS PER YEAR

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: FUEL

Upper Permit Limit: 189.0 tons per year

Reference Test Method: EPA METHOD 10

Monitoring Frequency: DAILY

Averaging Method: ANNUAL MAXIMUM ROLLED DAILY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2013.

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

**Condition 53: Capping Monitoring Condition**

**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 53.1:**

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

40 CFR 52.21

**Item 53.2:**

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

**Item 53.3:**

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

**Item 53.4:**

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

**Item 53.5:**

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

**Item 53.6:**

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

Emission Unit: 1-LM60T  
Process: 6DG

Emission Unit: 1-LM60T  
Process: 6DO

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

**Item 53.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CEMS TO MONITOR CO EMISSIONS FROM COMBUSTION TURBINE/HRSG STACK. THIS LIMIT IS APPLICABLE TO THE ABOVE PROCESSES DURING STEADY STATE OPERATION. THIS LIMIT IS NOT APPLICABLE DURING STARTUP, SHUTDOWN, AND MALFUNCTIONS.

Manufacturer Name/Model Number: SIEMENS ULTRAMAT

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 21.0 parts per million by volume



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Emission Unit: 1-LM60T

Regulated Contaminant(s):

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

**Item 54.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

THIS IS THE NO<sub>x</sub> EMISSION LIMIT DURING SHUTDOWN OF BOTH UNITS. THIS EMISSION LIMIT IS A POUND PER SHUTDOWN LIMIT WHICH IS NOT TO EXCEED 120 MINUTES IN DURATION.

Manufacturer Name/Model Number: ROSEMOUNT 951C

Upper Permit Limit: 81.0 pounds

Reference Test Method: EPA Method 7

Monitoring Frequency: CONTINUOUS

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED PER OCCURRENCE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2012.

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

**Condition 55: Capping Monitoring Condition**

**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 55.1:**

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

40 CFR 52.21

**Item 55.2:**

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

**Item 55.3:**

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

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**Item 55.4:**

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

**Item 55.5:**

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

**Item 55.6:**

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

Emission Unit: 1-LM25T

Regulated Contaminant(s):

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

**Item 55.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

THIS IS THE NO<sub>x</sub> EMISSION LIMIT DURING SHUTDOWN OF THE LM2500. THIS EMISSION LIMIT IS A POUND PER SHUTDOWN LIMIT WHICH IS NOT TO EXCEED 120 MINUTES IN DURATION.

Manufacturer Name/Model Number: ROSEMOUNT 951C

Upper Permit Limit: 35.0 pounds

Reference Test Method: EPA Method 7

Monitoring Frequency: CONTINUOUS

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED PER OCCURRENCE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2012.

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

**Condition 56: Notification**

**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement:6 NYCRR 202-1.2**

**Item 56.1:**

A person who is required by the commissioner to submit a stack test report shall notify the

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commissioner, in writing, not less than 30 days prior to the test, of the time and date of the test. Such notification shall also include the acceptable procedures to be used to stack test including sampling and analytical procedures. Such person shall allow the commissioner, or his representative, free access to observe stack testing being conducted by such person.

**Condition 57: Acceptable procedures**  
**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement:6 NYCRR 202-1.3**

**Item 57.1:**

Emission testing, sampling, and analytical determinations to ascertain compliance with this Subpart shall be conducted in accordance with test methods acceptable to the commissioner.

**Condition 58: Acceptable procedures - Stack test report submittal**  
**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement:6 NYCRR 202-1.3**

**Item 58.1:**

Emission test reports must be submitted in triplicate to the commissioner within 60 days after the completion of the tests, unless additional time is requested in writing.

**Condition 59: Alternate test methods**  
**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement:6 NYCRR 202-1.3**

**Item 59.1:**

Alternate emission test methods or deviations from acceptable test methods may be utilized if it is impractical to utilize the acceptable test methods or where no applicable test method is available, if prior acceptance of the proposed alternate method is granted by the commissioner.

**Condition 60: Prohibitions**  
**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement:6 NYCRR 202-1.5**

**Item 60.1:**

No person shall conceal an emission by the use of air or other gaseous diluents to achieve compliance with an emission standard which is based on the concentration of a contaminant in the gases emitted through a stack.

**Condition 61: Air pollution prohibited**  
**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement:6 NYCRR 211.1**

**Item 61.1:**

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.

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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 62: Compliance Certification**  
**Effective between the dates of 03/21/2012 and 03/20/2017**

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

**Item 62.1:**

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

Emission Unit: 1-AXBLR Process: AXO	Emission Source: AUXBL
Emission Unit: 1-AXBLR Process: BXO	Emission Source: AUXB2
Emission Unit: 1-LM25T Process: 25O	Emission Source: 00CT2
Emission Unit: 1-LM60T Process: 6DO	Emission Source: 00CT1
Emission Unit: 1-LM60T Process: 6NO	Emission Source: 00CT1

**Item 62.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE PERMITTEE SHALL RETAIN FUEL OIL SUPPLIER CERTIFICATIONS FOR EACH SHIPMENT OF OIL RECEIVED. SUCH CERTIFICATIONS SHALL CONTAIN, AS A MINIMUM: SUPPLIER NAME, DATE OF SHIPMENT, QUANTITY SHIPPED, 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. TO AID IN PERMIT STREAMLINING, THIS CONDITION ALSO COVERS THE FUEL OIL SULFUR CERTIFICATION REQUIREMENTS OF PART 225-1, 40 CFR 60 SUBPARTS Db, Dc, & Gg.

Reference Test Method: ASTM D 2880-71 OR EQUIVALENT

Monitoring Frequency: PER DELIVERY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)





1) Observe the stack(s) or vent(s) once per day for visible emissions. This observation(s) must be conducted during daylight hours except during adverse weather conditions (fog, rain, or snow).

2) The results of each observation must be recorded in a bound logbook or other format acceptable to the Department. The following data must be recorded for each stack:

- weather condition
- was a plume observed?

This logbook must be retained at the facility for five (5) years after the date of the last entry.

3) If the operator observes any visible emissions (other than steam - see below) two consecutive days, then the Method 9 analysis (based upon a 6-minute mean) of the affected emission point(s) must be conducted within two (2) business days of such occurrence. The results of the Method 9 analysis must be recorded in the logbook. The operator must contact the Regional Air Pollution Control Engineer within one (1) business day of performing the Method 9 analysis if the opacity standard is contravened. Upon notification, any corrective actions or future compliance schedules shall be presented to the Department for acceptance.

**\*\* NOTE \*\*** Steam plumes generally form after leaving the top of the stack (this is known as a detached plume). The distance between the stack and the beginning of the detached plume may vary, however, there is (normally) a distinctive distance between the plume and stack. Steam plumes are white in color and have a billowy consistency. Steam plumes dissipate within a short distance of the stack (the colder the air the longer the steam plume will last) and leave no dispersion trail downwind of the stack.

To aid in permit streamlining, the opacity standard in this condition also covers the requirements of 40 CFR 60.43c. This condition applies to all loads of operation with the exception of startup, shutdown, and malfunction.

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

**New York State Department of Environmental Conservation**

Permit ID: 6-4012-00053/00010

Facility DEC ID: 6401200053



Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2012.

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

**Condition 65: Compliance Certification**  
**Effective between the dates of 03/21/2012 and 03/20/2017**

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

**Item 65.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-AXBLR

Process: AXG

Emission Source: AUXBL

Emission Unit: 1-AXBLR

Process: AXO

Emission Source: AUXBL

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 65.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No owner or operator of a combustion installation shall emit greater than 20 percent opacity except for one six minute period per hour, not to exceed 27 percent, based upon the six minute average utilizing a continuous opacity monitor (COM). The opacity standard in this condition also covers the requirements of 40 CFR 60.43b and the monitoring requirements of 60.48b. This condition applies to all loads of boiler operation with the exception of startup, shutdown, and malfunction.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Monitoring Frequency: CONTINUOUS

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2012.

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

**Condition 66: Compliance Certification**  
**Effective between the dates of 03/21/2012 and 03/20/2017**

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



**Item 66.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-AXBLR

Process: AXO

Emission Source: AUXBL

Emission Unit: 1-AXBLR

Process: BXO

Emission Source: AUXB2

Emission Unit: 1-LM25T

Process: 25O

Emission Source: 00CT2

Emission Unit: 1-LM60T

Process: 6DO

Emission Source: 00CT1

Emission Unit: 1-LM60T

Process: 6NO

Emission Source: 00CT1

Regulated Contaminant(s):

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

CAS No: 0NY075-00-0 PARTICULATES

**Item 66.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

Upon request the facility shall perform the following:

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





the unit's monitor certification requirements under sections 243-8.1(b)(1), (2), (3), or (7) and for each control period thereafter.

A CAIR NOx Ozone Season allowance shall not be deducted, for compliance with the requirements under paragraph (c)(1) of this section, for a control period in a calendar year before the year for which the CAIR NOx Ozone Season allowance was allocated.

CAIR NOx Ozone Season allowances shall be held in, deducted from, or transferred into or among CAIR NOx Ozone Season Allowance Tracking System accounts in accordance with Subparts 243-6, 243-7, and 243-9.

A CAIR NOx Ozone Season allowance is a limited authorization to emit one ton of nitrogen oxides in accordance with the CAIR NOx Ozone Season Trading Program. No provision of the CAIR NOx Ozone Season Trading Program, the CAIR permit application, the CAIR permit, or an exemption under section 243-1.5 and no provision of law shall be construed to limit the authority of the State or the United States to terminate or limit such authorization.

A CAIR NOx Ozone Season allowance does not constitute a property right.

Upon recordation by the Administrator under Subpart 243-6, 243-7, or 243-9, every allocation, transfer, or deduction of a CAIR NOx Ozone Season allowance to or from a CAIR NOx Ozone Season source's compliance account is incorporated automatically in any CAIR permit of the source.

**Condition 70: Excess emission requirements**  
**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement:6 NYCRR 243-1.6 (d)**

**Item 70.1:**

If a CAIR NOx Ozone Season source emits nitrogen oxides during any control period in excess of the CAIR NOx Ozone Season emissions limitation, then:

(1) the owners and operators of the source and each CAIR NOx Ozone Season unit at the source shall surrender the CAIR NOx Ozone Season allowances required for deduction under section 243-6.5(d)(1) and pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Act or applicable State law; and

(2) each ton of such excess emissions and each day of such control period shall constitute a separate violation of this Subpart, the Act, and applicable State law.

**Condition 71: Recordkeeping and reporting requirements**  
**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement:6 NYCRR 243-1.6 (e)**

**Item 71.1:**

Unless otherwise provided, the owners and operators of the CAIR NOx Ozone Season source and each CAIR NOx Ozone Season 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 before the end of five years, in writing by the department or the Administrator.



(i) The certificate of representation under section 243-2.4 for the CAIR designated representative for the source and each CAIR NOx Ozone Season unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation; 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 certificate of representation under section 243-2.4 changing the CAIR designated representative.

(ii) All emissions monitoring information, in accordance with Subpart 243-8, provided that to the extent that Subpart 243-8 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 CAIR NOx Ozone Season Trading Program.

(iv) Copies of all documents used to complete a CAIR permit application and any other submission under the CAIR NOx Ozone Season Trading Program or to demonstrate compliance with the requirements of the CAIR NOx Ozone Season Trading Program.

**Condition 72: Compliance Certification**  
**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement:6 NYCRR Subpart 244-1**

**Item 72.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 72.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES  
Monitoring Description:

1) As of midnight of March 1, or midnight of the first business day thereafter if March 1 is not a business day, the owners and operators shall hold, in their compliance account, Clean Air Interstate Rule (CAIR) NOx allowances available for compliance deductions for the previous control period (January 1 through December 31), in an amount not less than the total tons of nitrogen oxides emissions from all CAIR NOx units at the source during that control period. A CAIR NOx allowance shall not be deducted for a control period in a calendar year before the year for which the CAIR NOx allowance was allocated. [244-1.6(c)(1), 244-1.2(b)(5), 244-1.2(b)(36), 244-1.6(c)(3)]

2) The owners and operators shall hold in their compliance account, CAIR NOx allowances available for compliance deductions for the control period starting on the later of January 1, 2009 or the deadline for meeting a CAIR NOx unit's monitor certification requirements under section 244-8.1(b)(1), (2), or (5) and for each control



period thereafter. [244-1.6(c)(2)]

3) If a CAIR NO<sub>x</sub> source emits nitrogen oxides during any control period in excess of the CAIR NO<sub>x</sub> emissions limitation, the owners and operators of the CAIR NO<sub>x</sub> source shall surrender the CAIR NO<sub>x</sub> allowances required for deduction under 6NYCRR Part 244-6.5(d)(1) and pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Act or applicable State law. Each ton of such excess emissions and each day of such control period shall constitute a separate violation of this permit, the Act, and applicable State law. [(244-1.6(d)]

4) Unless otherwise provided, the owners and operators of the CAIR NO<sub>x</sub> source shall keep on site 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 before the end of five years, in writing by the department or the Administrator:  
[244-1.6(e)]

(i) The certificate of representation under 6NYCRR Part 244-2.4 for the CAIR designated representative for the source and all documents that demonstrate the truth of the statements in the certificate of representation; 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 certificate of representation under 6NYCRR Part 244-2.4 changing the CAIR designated representative.

(ii) All emissions monitoring information, in accordance with 6NYCRR Part 244-8, provided that to the extent that 6NYCRR Part 244-8 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 CAIR NO<sub>x</sub> Annual Trading Program.

(iv) Copies of all documents used to complete a CAIR permit application and any other submission under the CAIR NO<sub>x</sub> Annual Trading Program or to demonstrate compliance with the requirements of the CAIR NO<sub>x</sub> Annual Trading Program.

Reporting Requirements: MARCH 1

**Condition 73: Compliance Certification**  
**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement:6 NYCRR Subpart 244-2**



**Item 73.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 73.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

1) Each CAIR NOx source shall have one CAIR designated representative and may have one alternate representative, as per 6NYCRR Part 244-2.2, with regard to all matters under the CAIR NOx Annual Trading Program. The CAIR designated representative shall be selected by an agreement binding on the owners and operators of the source and act in accordance with the certification statement in 6NYCRR Part 244-2.4(a)(4)(iv). Upon receipt by the Administrator of a complete certificate of representation under 6NYCRR Part 244-2.4, the CAIR designated representative of the source shall represent and, by his or her representations, actions, inactions, or submissions, legally bind each owner and operator of the CAIR NOx source represented in all matters pertaining to the CAIR NOx Annual Trading Program, notwithstanding any agreement between the CAIR designated representative and such owners and operators. The owners and operators shall be bound by any decision or order issued to the CAIR designated representative by the department, the Administrator, or a court regarding the source.

2) Each submission under the CAIR NOx Annual Trading Program shall be submitted, signed, and certified by the CAIR designated representative for each CAIR NOx source on behalf of which the submission is made. Each such submission shall include the following certification statement by the CAIR designated representative: "I am authorized to make this submission on behalf of the owners and operators of the source or 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."

Reporting Requirements: MARCH 1

**Condition 74: Compliance Certification**



Effective between the dates of 03/21/2012 and 03/20/2017

Applicable Federal Requirement:6 NYCRR Subpart 244-8

**Item 74.1:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

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

**Item 74.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Monitoring and Reporting NOX emissions

(1) The owners and operators, and to the extent applicable, the CAIR designated representative shall comply with all recordkeeping and reporting requirements in this condition, the applicable recordkeeping and reporting requirements under 40 CFR 75, and the requirements of 6NYCRR Part 244-2.1(e)(1).

(2) The CAIR designated representative shall submit quarterly reports of the the NOx mass emissions data and heat input data for each CAIR NOx unit, in an electronic quarterly report in a format prescribed by the Administrator, for each calendar quarter beginning with the calendar quarter corresponding to the earlier of the date of provisional certification or the applicable deadline for initial certification under 6NYCRR Part 244-8.1(b), unless that quarter is the third or fourth quarter of 2007, in which case reporting shall commence in the quarter covering January 1, 2008 through March 31, 2008.

(3) The CAIR designated representative shall submit each quarterly report to the Administrator within 30 days following the end of the calendar quarter covered by the report. Quarterly reports shall be submitted in the manner specified in 40 CFR 75.73(f).

(4) For CAIR NOx units that are also subject to an Acid Rain emissions limitation or the CAIR NOx Ozone Season Trading Program, CAIR SO2 Trading Program, or the Mercury Reduction Program for Coal-Fired Electric Utility Steam Generating Units (6NYCRR Part 246), quarterly reports shall include the applicable data and information required by Subparts F through I of 40 CFR Part 75 as applicable, in addition to the NOx mass emission data, heat input data, and other information required by this



Subpart.

(5) 'Compliance certification.' The CAIR designated representative shall submit to the Administrator a compliance certification (in a format prescribed by the Administrator) in support of each quarterly report based on reasonable inquiry of those persons with primary responsibility for ensuring that all of the unit's emissions are correctly and fully monitored. The certification shall state that:

(i) the monitoring data submitted were recorded in accordance with the applicable requirements of 6NYCRR Part 244 and 40 CFR Part 75, including the quality assurance procedures and specifications; and

(ii) for a unit with add-on NO<sub>x</sub> emission controls and for all hours where NO<sub>x</sub> data are substituted in accordance with 40 CFR 75.34(a)(1), the add-on emission controls were operating within the range of parameters listed in the quality assurance/quality control program under appendix B to 40 CFR Part 75 and the substitute data values do not systematically underestimate NO<sub>x</sub> emissions.

(6) Whenever any monitoring system fails to meet the quality-assurance and quality-control requirements or data validation requirements of 40 CFR part 75, data shall be substituted using the applicable missing data procedures in Subpart D or Subpart H of, or appendix D or appendix E to 40 CFR part 75. [ 244-8.3(a) ]

(7) Whenever the owner or operator makes a replacement, modification, or change in any certified continuous emission monitoring system under 6NYCRR Part 244-8.1(a)(1) that may significantly affect the ability of the system to accurately measure or record NO<sub>x</sub> mass emissions or heat input rate or to meet the quality-assurance and quality-control requirements of 40 CFR 75.21 or appendix B to 40 CFR Part 75, the owner or operator shall recertify the monitoring system in accordance with 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 may significantly change the stack flow or concentration profile, the owner or operator shall recertify each continuous emission monitoring system whose accuracy is potentially affected by the change, in accordance with 40 CFR 75.20(b). Examples of changes to a continuous emission monitoring system that require recertification include replacement of the analyzer, complete replacement of an existing continuous emission monitoring system, or change in location or orientation of the sampling probe or site.



Any fuel flowmeter system, and any excepted NO<sub>x</sub> monitoring system under appendix E to 40 CFR part 75, under 6NYCRR Part 244-8.1(a)(1) are subject to the recertification requirements in 40 CFR 75.20(g)(6). [224-8.2(d)(2)]

Monitoring Frequency: CONTINUOUS  
Averaging Method: ANNUAL TOTAL  
Reporting Requirements: QUARTERLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 4/30/2012.  
Subsequent reports are due every 3 calendar month(s).

**Condition 75: CAIR SO<sub>2</sub> Trading Program General Provisions**  
**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement: 6 NYCRR Subpart 245-1**

**Item 75.1:**

1) As of midnight of March 1, or midnight of the first business day thereafter (if March 1 is not a business day) for a control period, the owners and operators of each Clean Air Interstate Rule (CAIR) SO<sub>2</sub> source shall hold, in the source's compliance account, a tonnage equivalent in CAIR SO<sub>2</sub> allowances available for compliance deductions for the control period (January 1 through December 31) not less than the tons of total sulfur dioxide emissions for the control period from all CAIR SO<sub>2</sub> units at the source. A CAIR SO<sub>2</sub> allowance shall not be deducted, for compliance with the requirements under paragraph (2) of this section, for a control period in a calendar year before the year for which the CAIR SO<sub>2</sub> allowance was allocated. [(245-1.2(b)(5), 245-1.6(c)(1), 245-1.2(b)(36), 245-1.6(c)(3)]

2) The owners and operators shall hold in their compliance account, CAIR SO<sub>2</sub> allowances available for compliance deductions for the control period starting on the later of January 1, 2010 or the deadline for meeting a CAIR SO<sub>2</sub> unit's monitor certification requirements under section 245-8.1(b)(1), (2), or (5) and for each control period thereafter. [245-1.6(c)(2)]

3) If a CAIR SO<sub>2</sub> source emits sulfur dioxide during any control period in excess of the CAIR SO<sub>2</sub> emissions limitation, the owners and operators of the source shall surrender the CAIR SO<sub>2</sub> allowances required for deduction under 6NYCRR Part 245-6.5(d)(1) and pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Act or applicable State law. Each ton of such excess emissions and each day of such control period shall constitute a separate violation of this Subpart, the Act, and applicable State law. [(245-1.6(d)]

4) Unless otherwise provided, the owners and operators of the CAIR SO<sub>2</sub> 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 before the end of five years, in writing by the department or the Administrator: [245-1.6(e)]

(i) The certificate of representation under 6NYCRR Part 245-2.4 for the CAIR designated representative for the source and all documents that demonstrate the truth of the statements in the certificate of representation; 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 certificate of representation under 6NYCRR Part 245-2.4 changing the





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

**Item 77.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Monitoring and Reporting SO<sub>2</sub> emissions:

1) The owners and operators, and to the extent applicable, the Clean Air Interstate Rule (CAIR) designated representative, of a CAIR SO<sub>2</sub> unit, shall comply with the monitoring, recordkeeping, and reporting requirements as provided in Subpart 6 NYCRR Part 245-8 and in 40 CFR Part 75, Subparts F and G. For purposes of complying with such requirements, the definitions in section 245-1.2 and 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 deemed to refer to the terms "CAIR SO<sub>2</sub> unit," "CAIR designated representative," and "continuous emission monitoring system" (or "CEMS") respectively, as defined in section 245-1.2. The owner or operator of a unit that is not a CAIR SO<sub>2</sub> unit but that is monitored under 40 CFR 75.16(b)(2) shall comply with the same monitoring, recordkeeping, and reporting requirements as a CAIR SO<sub>2</sub> unit. [245-8.1]

2) The owner or operator of each CAIR SO<sub>2</sub> unit shall:  
[245-8.1(a)]

(i) install all monitoring systems required under this Subpart for monitoring SO<sub>2</sub> mass emissions and individual unit heat input (including all systems required to monitor SO<sub>2</sub> concentration, stack gas moisture content, stack gas flow rate, CO<sub>2</sub> or O<sub>2</sub> concentration, and fuel flow rate, as applicable, in accordance with 40 CFR 75.11 and 40 CFR 75.16);

(ii) successfully complete all certification tests required under Part 245-8.2 and meet all other requirements of this section and 40 CFR Part 75 applicable to the monitoring systems under this section; and

(iii) record, report, and quality-assure the data from the monitoring systems under paragraph of this section.

3) The owner or operator shall meet the monitoring system certification and other requirements of section 245-8.1(a)(1) and (2) on or before the following dates. The owner or operator shall record, report, and quality-assure the data from the monitoring systems under section 245-8.1(a)(1) on and after the following dates.



[245-8.1(b)]

(i) For the CAIR SO<sub>2</sub> unit that commences commercial operation before July 1, 2008, by January 1, 2009.

(ii) For the CAIR SO<sub>2</sub> unit that commences commercial operation on or after July 1, 2008, by the later of the following dates: January 1, 2009; or 90 unit operating days or 180 calendar days, whichever occurs first, after the date on which the unit commences commercial operation.

4) Whenever the owner or operator makes a replacement, modification, or change in any certified continuous emission monitoring system under section 245-8.1(a)(1) that may significantly affect the ability of the system to accurately measure or record SO<sub>2</sub> mass emissions or heat input rate or to meet the quality-assurance and quality-control requirements of 40 CFR 75.21 or appendix B to 40 CFR Part 75, the owner or operator shall recertify the monitoring system in accordance with 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 may significantly change the stack flow or concentration profile, the owner or operator shall recertify each continuous emission monitoring system whose accuracy is potentially affected by the change, in accordance with 40 CFR 75.20(b). Examples of changes to a continuous emission monitoring system that require recertification include: replacement of the analyzer, complete replacement of an existing continuous emission monitoring system, or change in location or orientation of the sampling probe or site. Any fuel flowmeter system under section 245-8.1(a)(1) is subject to the recertification requirements in 40 CFR 75.20(g)(6). [245-8.2(d)(2)]

5) Whenever any monitoring system fails to meet the quality-assurance and quality-control requirements or data validation requirements of 40 CFR Part 75, data shall be substituted using the applicable missing data procedures in Subpart D of or appendix D to 40 CFR Part 75.

[245-8.3(a)]

6) The CAIR designated representative shall comply with all recordkeeping and reporting requirements in section 245-8.3, the applicable recordkeeping and reporting requirements in Subparts F and G of 40 CFR Part 75, and the requirements of section 245-2.1(e)(1).

[245-8.5(a)]

7) The owner or operator of a CAIR SO<sub>2</sub> unit shall comply with requirements of 40 CFR 75.62 for monitoring plans.

[245-8.5(b)]



8) The CAIR designated representative shall submit an application to the department within 45 days after completing all initial certification or recertification tests required under section 245-8.2, including the information required under 40 CFR 75.63. [245-8.5(c)]

9) The CAIR designated representative shall submit quarterly reports of the SO<sub>2</sub> mass emissions data and heat input data for each CAIR SO<sub>2</sub> unit, in an electronic quarterly report in a format prescribed by the Administrator, for each calendar quarter beginning with: [245-8.5(d)(1)]

- i) the calendar quarter covering January 1, 2009 through March 31, 2009 for a unit that commences commercial operation before July 1, 2008; or
- ii) for a unit that commences commercial operation on or after July 1, 2008, the calendar quarter corresponding to the earlier of the date of provisional certification or the applicable deadline for initial certification under section 245-8.1(b), unless that quarter is the third or fourth quarter of 2008, in which case reporting shall commence in the quarter covering January 1, 2009 through March 31, 2009.

10) The CAIR designated representative shall submit each quarterly report to the Administrator within 30 days following the end of the calendar quarter covered by the report. Quarterly reports shall be submitted in the manner specified in 40 CFR 75.64. [245-8.5(d)(2)]

11) For CAIR SO<sub>2</sub> units that are also subject to an Acid Rain emissions limitation or the CAIR NO<sub>x</sub> Annual Trading Program, CAIR NO<sub>x</sub> Ozone Season Trading Program, or the Mercury Reduction Program for Coal-Fired Electric Utility Steam Generating Units (6 NYCRR Part 246), quarterly reports shall include the applicable data and information required by Subparts F through I of 40 CFR Part 75 as applicable, in addition to the SO<sub>2</sub> mass emission data, heat input data, and other information required by this Subpart. [245-8.5(d)(3)]

12) The CAIR designated representative shall submit to the Administrator a compliance certification (in a format prescribed by the Administrator) in support of each quarterly report based on reasonable inquiry of those persons with primary responsibility for ensuring that all of the unit's emissions are correctly and fully monitored. The certification shall state that: [245-8.5(e)]

- i) the monitoring data submitted were recorded in accordance with the applicable requirements of this



Subpart and 40 CFR Part 75, including the quality assurance procedures and specifications; and  
ii) for a unit with add-on SO<sub>2</sub> emission controls and for all hours where SO<sub>2</sub> data are substituted in accordance with 40 CFR 75.34(a)(1), the add-on emission controls were operating within the range of parameters listed in the quality assurance/quality control program under appendix B to 40 CFR Part 75 and the substitute data values do not systematically underestimate SO<sub>2</sub> emissions.

Monitoring Frequency: CONTINUOUS  
Averaging Method: ANNUAL TOTAL  
Reporting Requirements: QUARTERLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 4/30/2012.  
Subsequent reports are due every 3 calendar month(s).

**Condition 78: Compliance Certification**  
**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement:40CFR 52.21, Subpart A**

**Item 78.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 78.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES  
Monitoring Description:

Ambient air temperature must be continuously measured and recorded. Measurements shall be accurate to within +/- 3 deg F.

Monitoring Frequency: CONTINUOUS  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 7/30/2012.  
Subsequent reports are due every 6 calendar month(s).

**Condition 79: Compliance Certification**  
**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement:40CFR 52.21, Subpart A**

**Item 79.1:**

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

Emission Unit: 1-AXBLR  
Process: AXG

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Emission Unit: 1-AXBLR  
Process: AXO

Emission Unit: 1-LM25T

Emission Unit: 1-LM60T

**Item 79.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Permittee shall submit a quarterly written CEM report to NYSDEC for every calendar year quarter. All quarterly reports shall be post marked by the 30th day following the end of each calendar quarter and shall include:

1. CEMS down time (40 CFR 60.7(b)) and excess emissions (40 CFR 60.7(c)) in a summary report format, as found in 40 CFR 60.7(d), or equivalent.
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<sub>x</sub> or CO, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits set forth in this permit.
4. For the purposes of this permit, excess emissions indicated by the CEM system for one hour block periods other than start-ups and shutdowns, malfunctions (as stated in 6NYCRR Subpart 201-1.4) and CEM calibrations may be considered violations of the applicable emission limits.

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 4/30/2012.

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

**Condition 80: Minimum requirements.**

**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement:40CFR 52.21(j)(1), Subpart A**

**Item 80.1:**

The affected facility shall, at a minimum, meet each applicable emission limitation under the State Implementation Plan and each applicable emissions standard and standard of performance under Parts 40 CFR 60 and 61.

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**Condition 81: EPA Region 2 address.**

**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement:40CFR 60.4, NSPS Subpart A**

**Item 81.1:**

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

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

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

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

**Condition 82: Recordkeeping requirements.**

**Effective between the dates of 03/21/2012 and 03/20/2017**

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

**Item 82.1:**

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

**Condition 83: Excess emissions report.**

**Effective between the dates of 03/21/2012 and 03/20/2017**

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

**Item 83.1:**

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 84: Facility files for subject sources.**

**Effective between the dates of 03/21/2012 and 03/20/2017**

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

**Item 84.1:**

The following files shall be maintained at the facility for all affected sources: all measurements,





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Monitoring Description:

OPACITY STANDARD COMPLIANCE  
TESTING

THIS CONDITION APPLIES TO THE LM6000,  
LM2500, AND AUXB2

1. OBSERVATIONS SHALL BE CONDUCTED IN  
ACCORDANCE WITH REFERENCE METHOD 9 IN  
APPENDIX A OR THIS PART 40 CFR 60 ( OR  
EQUIVALENT METHOD APPROVED BY THE  
ADMINISTRATOR INCLUDING CONTINUOUS  
OPACITY MONITORS);

2. THE OPACITY STANDARDS APPLY AT ALL  
TIMES EXCEPT DURING PERIODS OF START-UP,  
SHUTDOWN, AND MALFUNCTION;

3. ALL OTHER APPLICABLE CONDITIONS CITED  
IN SECTION 60.11 OF THIS PART.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA Method 9

Monitoring Frequency: DAILY

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2012.

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

**Condition 87: Monitoring requirements.**

**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement:40CFR 60.13, NSPS Subpart A**

**Item 87.1:**

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

**Condition 88: Compliance Certification**

**Effective between the dates of 03/21/2012 and 03/20/2017**

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

**Item 88.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-AXBLLR

Process: BXB

Emission Source: AUXB2

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Emission Unit: 1-AXBLR  
Process: BXG

Emission Source: AUXB2

Emission Unit: 1-AXBLR  
Process: BXO

Emission Source: AUXB2

Emission Unit: 1-LM60T  
Process: 6DG

Emission Source: 000DB

Emission Unit: 1-LM60T  
Process: 6DO

Emission Source: 000DB

**Item 88.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE FACILITY OWNER OR OPERATOR SHALL MAINTAIN REPORTS OR

RECORDS IN ACCORDANCE WITH THE REQUIREMENTS OF THIS SECTION.

THESE REQUIREMENTS INCLUDE:

1. The owner or operator of an affected facility shall record and maintain records of the amounts of fuel combusted during each day.
2. The owner or operator of each affected facility subject to the SO2 emission limits, fuel oil sulfur limits, or percent reduction requirements under §60.42c shall submit semi-annual reports to the Administrator.
3. All records and reports required under this section are to be maintained at the facility for at least two years. Records at Title V facilities must be maintained at the facility for at least five 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 7/30/2012.

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

**Condition 89:** The applicability of 40CFR 60-GG to this facility. Effective between the dates of 03/21/2012 and 03/20/2017

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

**Item 89.1:**

This facility is subject to the applicable requirements of this Subpart. More stringent emission limits than those contained in this Subpart are contained in the emission unit compliance certification special conditions of this permit.



**Condition 90: Compliance Certification**  
Effective between the dates of 03/21/2012 and 03/20/2017

**Applicable Federal Requirement:40CFR 60.334(b), NSPS Subpart GG**

**Item 90.1:**

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

Emission Unit: 1-LM25T

Emission Unit: 1-LM60T

**Item 90.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of any stationary gas turbine that commenced construction, reconstruction or modification after October 3, 1977, but before July 8, 2004, and which uses water or steam injection to control NOX emissions may, as an alternative to operating the continuous monitoring system described in paragraph (a) of this section, install, certify, maintain, operate, and quality-assure a continuous emission monitoring system (CEMS) consisting of NOX and O2 monitors. As an alternative, a CO2 monitor may be used to adjust the measured NOX concentrations to 15 percent O2 by either converting the CO2 hourly averages to equivalent O2 concentrations using Equation F<sub>14a</sub> or F<sub>14b</sub> in appendix F to 40 CFR Part 75 and making the adjustments to 15 percent O2, or by using the CO2 readings directly to make the adjustments, as described in Method 20. If the option to use a CEMS is chosen, the CEMS shall be installed, certified, maintained and operated as specified in 40 CFR 60.334(b)(1), (2) and (3).

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 1/30/2013.

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

**Condition 91: Compliance Certification**  
Effective between the dates of 03/21/2012 and 03/20/2017

**Applicable Federal Requirement:40CFR 60.334(h)(3), NSPS Subpart GG**

**Item 91.1:**

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

Emission Unit: 1-LM25T  
Process: 25G

Emission Unit: 1-LM60T  
Process: 6DG

Emission Unit: 1-LM60T  
Process: 6NG

**Item 91.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Notwithstanding the provisions of paragraph (h)(1) of 40 CFR 60.334(h), the owner or operator may elect not to monitor the total sulfur content of the gaseous fuel combusted in the turbine, if the gaseous fuel is demonstrated to meet the definition of natural gas in §60.331(u), regardless of whether an existing custom schedule approved by the administrator for subpart GG requires such monitoring. The owner or operator shall use one of the following sources of information to make the required demonstration:

(i) The gas quality characteristics in a current, valid purchase contract, tariff sheet or transportation contract for the gaseous fuel, specifying that the maximum total sulfur content of the fuel is 20.0 grains/100 scf or less;  
or

(ii) Representative fuel sampling data which show that the sulfur content of the gaseous fuel does not exceed 20 grains/100 scf. At a minimum, the amount of fuel sampling data specified in section 2.3.1.4 or 2.3.2.4 of appendix D to 40 CFR part 75 of this chapter is required.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 92:** Affected source

Effective between the dates of 03/21/2012 and 03/20/2017

Applicable Federal Requirement: 40CFR 63.11194(a), Subpart JJJJJ

**Item 92.1:**

The affected source is the collection of all existing industrial, commercial, and institutional

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boilers within a subcategory (coal, biomass, oil) and each new or reconstructed industrial, commercial, or institutional boiler.

**Condition 93: Compliance Certification**  
Effective between the dates of 03/21/2012 and 03/20/2017

**Applicable Federal Requirement:40CFR 63.11201(b), Subpart JJJJJJ**

**Item 93.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 93.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an existing or new coal, new biomass and new oil boiler (units with heat input capacity of 10 mmBtu/hr or greater) must minimize the boiler's startup and shutdown periods following the manufacturer's recommended procedures. If manufacturer's recommended procedures are not available, the owner or operator must follow recommended procedures for a unit of similar design for which manufacturer's recommended procedures are available.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 94: Compliance Certification**  
Effective between the dates of 03/21/2012 and 03/20/2017

**Applicable Federal Requirement:40CFR 63.11201(b), Subpart JJJJJJ**

**Item 94.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 94.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a new or existing coal-fired boiler greater than 10 mmBtu and new and existing biomass-fired and oil-fired boilers must conduct a tune-up of the boiler biennially according to the following procedures.

(1) As applicable, inspect the burner, and clean or replace any components of the burner as necessary (the owner or operator may delay the burner inspection until



the next scheduled unit shutdown, but must inspect each burner at least once every 36 months).

(2) Inspect the flame pattern, as applicable, and adjust the burner as necessary to optimize the flame pattern. The adjustment should be consistent with the manufacturer's specifications, if available.

(3) Inspect the system controlling the air-to-fuel ratio, as applicable, and ensure that it is correctly calibrated and functioning properly.

(4) Optimize total emissions of carbon monoxide. This optimization should be consistent with the manufacturer's specifications, if available.

(5) Measure the concentrations in the effluent stream of carbon monoxide in parts per million, by volume, and oxygen in volume percent, before and after the adjustments are made (measurements may be either on a dry or wet basis, as long as it is the same basis before and after the adjustments are made).

(6) Maintain onsite and submit biennial report containing the information in paragraphs (i) through (iii).

(i) The concentrations of CO in the effluent stream in parts per million, by volume, and oxygen in volume percent, measured before and after the tune-up of the boiler.

(ii) A description of any corrective actions taken as a part of the tune-up of the boiler.

(iii) The type and amount of fuel used over the 12 months prior to the biennial tune-up of the boiler.

(7) If the unit is not operating on the required date for a tune-up, the tune-up must be conducted within one week of startup.

Monitoring Frequency: EVERY TWO YEARS  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 7/30/2012.  
Subsequent reports are due every 6 calendar month(s).

**Condition 95: Compliance Certification**  
**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement: 40CFR 63.11201(c), Subpart JJJJJ**

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**Item 95.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 95.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The owner or operator of an industrial, commercial, or institutional boiler that demonstrates compliance with a performance stack test must maintain the operating load of each unit such that it does not exceed 110 percent of the average operating load recorded during the most recent performance stack test.

The owner must continuously demonstrate compliance as per 40 CFR 63.11222.

The owner or operator must monitor, collect data and maintain records as per 40 CFR 63.11221 and 40 CFR 63.11225.

Parameter Monitored: HEAT INPUT

Upper Permit Limit: 110 percent

Monitoring Frequency: CONTINUOUS

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE -  
SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2012.

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

**Condition 96: Good air pollution control practices  
Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement: 40CFR 63.11205(a), Subpart JJJJJ**

**Item 96.1:**

At all times the owner or operator must operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not require any further efforts to reduce emissions if levels required by this standard have been achieved. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Administrator that may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.

**Condition 97: Compliance Certification  
Effective between the dates of 03/21/2012 and 03/20/2017**



**Applicable Federal Requirement:40CFR 63.11222(a)(2), Subpart JJJJJJ**

**Item 97.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 97.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

An owner or operator that has an applicable mercury or PM emission limit must keep records of the type and amount of all fuels burned in each boiler during the reporting period to demonstrate that all fuel types and mixtures of fuels burned would result in lower emissions of mercury than the applicable emission limit (if he/she demonstrates compliance through fuel analysis), or result in lower fuel input of mercury than the maximum values calculated during the last performance stack test (if he/she demonstrates compliance through performance stack testing).

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 7/30/2012.

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

**Condition 98: Compliance Certification**

**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement:40CFR 63.11225(b), Subpart JJJJJJ**

**Item 98.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 98.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator must prepare, by March 1 of each year, and submit to the delegated authority upon request, an annual compliance certification report for the previous calendar year containing the information specified in paragraphs (1) through (4). The owner or operator must submit the report by March 15 if he/she had any instance described by paragraph (3). For boilers that are subject only to a requirement to conduct a biennial tune-up according to 40 CFR 63.11223(a) and not subject to emission limits or operating limits, the owner or operator may prepare only a biennial compliance report as specified



in paragraphs (1) through (4), instead of a semi-annual compliance report.

(1) Company name and address.

(2) Statement by a responsible official, with the official's name, title, phone number, e-mail address, and signature, certifying the truth, accuracy and completeness of the notification and a statement of whether the source has complied with all the relevant standards and other requirements of this subpart.

(3) If the source experiences any deviations from the applicable requirements during the reporting period, include a description of deviations, the time periods during which the deviations occurred, and the corrective actions taken.

(4) The total fuel use by each affected boiler subject to an emission limit, for each calendar month within the reporting period, including, but not limited to, a description of the fuel, whether the fuel has received a non-waste determination by the owner or operator or EPA through a petition process to be a non-waste under 40 CFR 241.3(c), whether the fuel(s) were processed from discarded non-hazardous secondary materials within the meaning of 40 CFR 241.3, and the total fuel usage amount with units of measure.

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 1/30/2013.

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

**Condition 99: Compliance Certification**  
**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement: 40CFR 63.11225(c), Subpart JJJJJ**

**Item 99.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 99.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator must maintain the records specified in paragraphs (1) through (5).



(1) As required in 40 CFR 63.10(b)(2)(xiv), the owner or operator must keep a copy of each notification and report that he/she submitted to comply with this subpart and all documentation supporting any Initial Notification or Notification of Compliance Status that he/she submitted.

(2) The owner or operator must keep records to document conformance with the work practices, emission reduction measures, and management practices required by 40 CFR 63.11214 as specified in paragraphs (i) and (ii).

(i) Records must identify each boiler, the date of tune-up, the procedures followed for tune-up, and the manufacturer's specifications to which the boiler was tuned.

(ii) Records documenting the fuel type(s) used monthly by each boiler, including, but not limited to, a description of the fuel, including whether the fuel has received a non-waste determination by the owner or operator or EPA, and the total fuel usage amount with units of measure. If the owner or operator combusts non-hazardous secondary materials that have been determined not to be solid waste pursuant to 40 CFR 241.3(b)(1), he/she must keep a record which documents how the secondary material meets each of the legitimacy criteria. If the owner or operator combusts a fuel that has been processed from a discarded non-hazardous secondary material pursuant to 40 CFR 241.3(b)(4), he/she must keep records as to how the operations that produced the fuel satisfies the definition of processing in 40 CFR 241.2. If the fuel received a non-waste determination pursuant to the petition process submitted under 40 CFR 241.3(c), the owner or operator must keep a record that documents how the fuel satisfies the requirements of the petition process.

(3) For sources that demonstrate compliance through fuel analysis, a copy of all calculations and supporting documentation that were done to demonstrate compliance with the mercury emission limits. Supporting documentation should include results of any fuel analyses. The owner or operator can use the results from one fuel analysis for multiple boilers provided they are all burning the same fuel type.

(4) Records of the occurrence and duration of each malfunction of the boiler, or of the associated air pollution control and monitoring equipment.

(5) Records of actions taken during periods of malfunction to minimize emissions in accordance with the general duty



to minimize emissions in 40 CFR 63.11205(a), including corrective actions to restore the malfunctioning boiler, air pollution control, or monitoring equipment to its normal or usual manner of operation.

(6) The owner or operator must keep the records of all inspection and monitoring data required by 40 CFR 63.11221 and 63.11222, and the information identified in paragraphs (i) through (vi) for each required inspection or monitoring.

(i) The date, place, and time of the monitoring event.

(ii) Person conducting the monitoring.

(iii) Technique or method used.

(iv) Operating conditions during the activity.

(v) Results, including the date, time, and duration of the period from the time the monitoring indicated a problem to the time that monitoring indicated proper operation.

(vi) Maintenance or corrective action taken (if applicable).

(7) An owner or operator that uses a bag leak detection system must keep the records specified in paragraphs (i) through (iii).

(i) Records of the bag leak detection system output.

(ii) Records of bag leak detection system adjustments, including the date and time of the adjustment, the initial bag leak detection system settings, and the final bag leak detection system settings.

(iii) The date and time of all bag leak detection system alarms, and for each valid alarm, the time you initiated corrective action, the corrective action taken, and the date on which corrective action was completed.

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 7/30/2012.

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



**Condition 100: Form of records**

**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement:40CFR 63.11225(d), Subpart JJJJJJ**

**Item 100.1:**

Records must be in a form suitable and readily available for expeditious review, according to 40 CFR 63.10(b)(1). As specified in 40 CFR 63.10(b)(1), the owner or operator must keep each record for 5 years following the date of each recorded action. You must keep each record onsite for at least 2 years after the date of each recorded action according to 40 CFR 63.10(b)(1). The owner or operator may keep the records off site for the remaining 3 years.

**Condition 101: Affirmative defense**

**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement:40CFR 63.11226(a), Subpart JJJJJJ**

**Item 101.1:**

To establish the affirmative defense in any action to enforce such a limit, the owner or operator must timely meet the notification requirements in 40 CFR 63.11226(b), and must prove by a preponderance of evidence that:

(1) The excess emissions:

(i) Were caused by a sudden, infrequent, and unavoidable failure of air pollution control and monitoring equipment, process equipment, or a process to operate in a normal or usual manner, and

(ii) Could not have been prevented through careful planning, proper design or better operation and maintenance practices; and

(iii) Did not stem from any activity or event that could have been foreseen and avoided, or planned for; and

(iv) Were not part of a recurring pattern indicative of inadequate design, operation, or maintenance; and

(2) Repairs were made as expeditiously as possible when the applicable emission limitations were being exceeded. Off-shift and overtime labor were used, to the extent practicable to make these repairs; and

(3) The frequency, amount and duration of the excess emissions (including any bypass) were minimized to the maximum extent practicable during periods of such emissions; and

(4) If the excess emissions resulted from a bypass of control equipment or a process, then the bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; and

(5) All possible steps were taken to minimize the impact of the excess emissions on ambient air quality, the environment and human health; and

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(6) All emissions monitoring and control systems were kept in operation if at all possible, consistent with safety and good air pollution control practices; and

(7) All of the actions in response to the excess emissions were documented by properly signed, contemporaneous operating logs; and

(8) At all times, the facility was operated in a manner consistent with good practices for minimizing emissions; and

(9) A written root cause analysis has been prepared, the purpose of which is to determine, correct, and eliminate the primary causes of the malfunction and the excess emissions resulting from the malfunction event at issue. The analysis shall also specify, using best monitoring methods and engineering judgment, the amount of excess emissions that were the result of the malfunction.

**Condition 102: Malfunction**

**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement:40CFR 63.11226(b), Subpart JJJJJ**

**Item 102.1:**

The owner or operator of the facility experiencing an exceedance of its emission limit(s) during a malfunction shall notify the Administrator by telephone or facsimile (FAX) transmission as soon as possible, but no later than two business days after the initial occurrence of the malfunction, if it wishes to avail itself of an affirmative defense to civil penalties for that malfunction. The owner or operator seeking to assert an affirmative defense shall also submit a written report to the Administrator within 45 days of the initial occurrence of the exceedance of the standard in 40 CFR 63.11201 to demonstrate, with all necessary supporting documentation, that it has met the requirements set forth in 40 CFR 63.11226(a). The owner or operator may seek an extension of this deadline for up to 30 additional days by submitting a written request to the Administrator before the expiration of the 45 day period. Until a request for an extension has been approved by the Administrator, the owner or operator is subject to the requirement to submit such report within 45 days of the initial occurrence of the exceedance.

**Condition 103: General provisions**

**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement:40CFR 63.11235, Subpart JJJJJ**

**Item 103.1:**

Table 8 to subpart JJJJJ shows which parts of the General Provisions in 40 CFR 63.1 through 63.15 apply to the facility. The owner or operator is responsible for ensuring they comply with all General Provisions contained in Table 8.

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

**Condition 104: Emission Point Definition By Emission Unit**

**Effective between the dates of 03/21/2012 and 03/20/2017**



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

**Item 104.1:**

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

Emission Unit: 1-AXBLR

Emission Point: 00003

Height (ft.): 175

Diameter (in.): 36

NYTMN (km.): 4952.74

NYTME (km.): 464.927

Building: 1

**Item 104.2:**

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

Emission Unit: 1-LM25T

Emission Point: 00002

Height (ft.): 175

Diameter (in.): 108

NYTMN (km.): 4952.724

NYTME (km.): 464.927

Building: 1

**Item 104.3:**

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

Emission Unit: 1-LM60T

Emission Point: 00001

Height (ft.): 175

Diameter (in.): 132

NYTMN (km.): 4952.724

NYTME (km.): 464.927

Building: 1

**Condition 105: Process Definition By Emission Unit**  
**Effective between the dates of 03/21/2012 and 03/20/2017**

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

**Item 105.1:**

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

Emission Unit: 1-AXBLR

Process: AXB

Source Classification Code: 1-02-005-05

Process Description:

Auxiliary boiler firing a methyl ester or biodiesel fuel.

Fuel is expected to be 99% biodiesel.

Emission Source/Control: AUXBL - Combustion

Design Capacity: 96 million Btu per hour

**Item 105.2:**

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

Emission Unit: 1-AXBLR

Process: AXG

Source Classification Code: 1-03-006-01

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Process Description: ZURN KEYSTONE AUXILIARY BOILER FIRING NATURAL GAS.

Emission Source/Control: AUXBL - Combustion  
Design Capacity: 96 million Btu per hour

**Item 105.3:**

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

Emission Unit: 1-AXBLR  
Process: AXO Source Classification Code: 1-03-005-01  
Process Description:  
ZURN KEYSTONE AUXILIARY BOILER FIRING  
DISTILLATE OIL.

Emission Source/Control: AUXBL - Combustion  
Design Capacity: 96 million Btu per hour

**Item 105.4:**

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

Emission Unit: 1-AXBLR  
Process: BXB Source Classification Code: 1-02-005-05  
Process Description:  
Auxiliary boiler firing a methyl ester or biodiesel fuel.  
Fuel is expected to be 99% biodiesel.

Emission Source/Control: AUXB2 - Combustion  
Design Capacity: 77.3 million BTUs per hour

**Item 105.5:**

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

Emission Unit: 1-AXBLR  
Process: BXG Source Classification Code: 1-03-006-02  
Process Description:  
Clever Brooks Auxiliary Boiler firing natural gas.

Emission Source/Control: AUXB2 - Combustion  
Design Capacity: 77.3 million BTUs per hour

**Item 105.6:**

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

Emission Unit: 1-AXBLR  
Process: BXO Source Classification Code: 1-03-005-02  
Process Description:  
Clever Brooks Auxiliary Boiler firing distillate oil

Emission Source/Control: AUXB2 - Combustion  
Design Capacity: 77.3 million BTUs per hour



**Item 105.7:**

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

Emission Unit: 1-LM25T  
Process: 25G Source Classification Code: 2-02-002-02  
Process Description: LM 2500 COMBUSTION TURBINE FIRING NATURAL GAS.

Emission Source/Control: 00CT2 - Combustion  
Design Capacity: 253.7 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 105.8:**

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

Emission Unit: 1-LM25T  
Process: 25O Source Classification Code: 2-03-001-02  
Process Description: LM 2500 COMBUSTION TURBINE DISTILLATE OIL.

Emission Source/Control: 00CT2 - Combustion  
Design Capacity: 253.7 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 105.9:**

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

Emission Unit: 1-LM60T  
Process: 6DG Source Classification Code: 2-03-002-03  
Process Description:  
LM 6000 COMBUSTION TURBINE FIRING NATURAL  
GAS AND OPERATING WITH DUCT BURNERS FIRING  
NATURAL GAS.

Emission Source/Control: 000DB - Combustion  
Design Capacity: 59.6 million Btu per hour

Emission Source/Control: 00CT1 - Combustion  
Design Capacity: 416.5 million Btu per hour

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

Emission Source/Control: WINJ1 - Control



Control Type: STEAM OR WATER INJECTION

**Item 105.10:**

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

Emission Unit: 1-LM60T  
Process: 6DO Source Classification Code: 2-02-001-03  
Process Description:  
LM 6000 COMBUSTION TURBINE FIRING  
DISTILLATE OIL AND OPERATING WITH DUCT  
BURNERS FIRING NATURAL GAS.

Emission Source/Control: 000DB - Combustion  
Design Capacity: 59.6 million Btu per hour

Emission Source/Control: 00CT1 - Combustion  
Design Capacity: 416.5 million Btu per hour

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

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

**Item 105.11:**

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

Emission Unit: 1-LM60T  
Process: 6NG Source Classification Code: 2-03-002-02  
Process Description:  
LM 6000 COMBUSTION TURBINE FIRING NATURAL  
GAS AND OPERATING WITHOUT DUCT BURNERS.

Emission Source/Control: 00CT1 - Combustion  
Design Capacity: 416.5 million Btu per hour

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

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

**Item 105.12:**

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

Emission Unit: 1-LM60T  
Process: 6NO Source Classification Code: 2-03-001-02  
Process Description:  
LM 6000 COMBUSTION TURBINE FIRING  
DISTILLATE OIL AND OPERATING WITHOUT DUCT  
BURNERS.

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Emission Source/Control: 00CT1 - Combustion  
Design Capacity: 416.5 million Btu per hour

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

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

**Condition 106: Process Permissible Emissions**  
Effective between the dates of 03/21/2012 and 03/20/2017

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 106.1:**

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

Emission Unit: 1-AXBLR Process: AXG  
CAS No: 000630-08-0  
Name: CARBON MONOXIDE  
PTE(s): 20.6 pounds per hour  
0.2 pounds per million Btus  
180,456 pounds per year

Emission Unit: 1-AXBLR Process: AXO  
CAS No: 000630-08-0  
Name: CARBON MONOXIDE  
PTE(s): 19.8 pounds per hour  
0.2 pounds per million Btus  
21,463 pounds per year

Emission Unit: 1-AXBLR Process: BXO  
CAS No: 000630-08-0  
Name: CARBON MONOXIDE  
PTE(s): 2.78 pounds per hour  
0.036 pounds per million Btus  
24,353 pounds per year

Emission Unit: 1-LM25T Process: 25G  
CAS No: 000630-08-0  
Name: CARBON MONOXIDE  
PTE(s): 17.5 parts per million (by volume)  
10.3 pounds per hour  
90,228 pounds per year

Emission Unit: 1-LM25T Process: 25O



CAS No: 000630-08-0  
Name: CARBON MONOXIDE  
PTE(s): 37.5 parts per million (by volume)  
21.9 pounds per hour  
23,652 pounds per year

Emission Unit: 1-LM60T Process: 6DG

CAS No: 000630-08-0  
Name: CARBON MONOXIDE  
PTE(s): 21 parts per million (by volume)  
22.5 pounds per hour  
197,100 pounds per year

Emission Unit: 1-LM60T Process: 6DO

CAS No: 000630-08-0  
Name: CARBON MONOXIDE  
PTE(s): 21 parts per million (by volume)  
22.5 pounds per hour  
24,278 pounds per year

Emission Unit: 1-LM60T Process: 6NG

CAS No: 000630-08-0  
Name: CARBON MONOXIDE  
PTE(s): 15 parts per million (by volume)  
15.3 pounds per hour  
134,028 pounds per year

Emission Unit: 1-LM60T Process: 6NO

CAS No: 000630-08-0  
Name: CARBON MONOXIDE  
PTE(s): 15 parts per million (by volume)  
15.3 pounds per hour  
16,509 pounds per year

Emission Unit: 1-AXBLR Process: AXG

CAS No: 0NY210-00-0  
Name: OXIDES OF NITROGEN  
PTE(s): 20.6 pounds per hour  
0.2 pounds per million Btus  
180,456 pounds per year

Emission Unit: 1-AXBLR Process: AXO

CAS No: 0NY210-00-0  
Name: OXIDES OF NITROGEN  
PTE(s): 19.8 pounds per hour

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0.2 pounds per million Btus  
21,463 pounds per year

Emission Unit: 1-AXBRL Process: BXG

CAS No: 0NY210-00-0  
Name: OXIDES OF NITROGEN  
PTE(s): 9.26 pounds per hour

0.12 pounds per million Btus  
69,300 pounds per year

Emission Unit: 1-AXBRL Process: BXO

CAS No: 0NY210-00-0  
Name: OXIDES OF NITROGEN  
PTE(s): 9.26 pounds per hour

0.12 pounds per million Btus  
69,300 pounds per year

Emission Unit: 1-LM25T Process: 25G

CAS No: 0NY210-00-0  
Name: OXIDES OF NITROGEN  
PTE(s): 9 parts per million (by volume)

8.4 pounds per hour  
73,584 pounds per year

Emission Unit: 1-LM25T Process: 25O

CAS No: 0NY210-00-0  
Name: OXIDES OF NITROGEN  
PTE(s): 18 parts per million (by volume)

17.3 pounds per hour  
18,684 pounds per year

Emission Unit: 1-LM60T Process: 6DG

CAS No: 0NY210-00-0  
Name: OXIDES OF NITROGEN  
PTE(s): 9 parts per million (by volume)

15.8 pounds per hour  
138,408 pounds per year

Emission Unit: 1-LM60T Process: 6DO

CAS No: 0NY210-00-0  
Name: OXIDES OF NITROGEN  
PTE(s): 18 parts per million (by volume)

32.4 pounds per hour  
34,960 pounds per year

Emission Unit: 1-LM60T Process: 6NG

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CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

PTE(s): 9 parts per million (by volume)

13.5 pounds per hour

118,260 pounds per year

Emission Unit: 1-LM60T

Process: 6NO

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

PTE(s): 18 parts per million (by volume)

28 pounds per hour

30,212 pounds per year

**Condition 107: Compliance Certification**  
**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement:6 NYCRR 202-1.1**

**Item 107.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-AXBLR

Process: AXG

Emission Source: AUXBL

Regulated Contaminant(s):

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

CAS No: 0NY075-00-0 PARTICULATES

**Item 107.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

STACK TESTING IS REQUIRED FOR PM/PM-10  
EMISSIONS ONCE DURING THE TERM OF THIS  
PERMIT TO DETERMINE COMPLIANCE.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 1.03 pounds per hour

Reference Test Method: EPA METHOD 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 108: Compliance Certification**  
**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement:40CFR 63.11201(a), Subpart JJJJJ**

**Item 108.1:**

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

Emission Unit: 1-AXBRL

Process: AXB

Emission Source: AUXBL

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 108.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The owner or operator of a new industrial, commercial, or institutional oil-fired boiler with heat input capacity of 10 million Btu per hour or greater located at an area source of HAP emissions must limit the concentration of particulate matter emissions.

The concentration limit for particulate matter is 0.03 lb/mmBtu of heat input or less based on the average of three 1-hour runs.

The performance stack test must be conducted at the representative operating load conditions while burning the type of fuel or mixture of fuels that have the highest emissions potential for each regulated pollutant. The owner or operator of an industrial, commercial, or institutional boiler that demonstrates compliance with a performance stack test must maintain the operating load of each unit such that it does not exceed 110 percent of the average operating load recorded during the most recent performance stack test.

The facility must also meet the applicable operating limits listed in table 3 of subpart JJJJJ.

Initial compliance will be demonstrated according to the provisions in 40 CFR 63.11211.

Subsequent performance tests will be required as specified in 40 CFR 63.11220, which requires performance tests to be conducted on a triennial basis, no more than 37 months after the previous performance test.

Continuous compliance will then be demonstrated according to 40 CFR 63.11222. The facility must keep records and submit the notifications and reports according to the provisions in 40 CFR 63.11225.

Parameter Monitored: PARTICULATES



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**Item 111.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-LM25T

Process: 25G

Regulated Contaminant(s):

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

CAS No: 0NY075-00-0 PARTICULATES

**Item 111.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

STACK TESTING IS REQUIRED FOR PM/PM-10  
EMISSIONS ONCE DURING THE TERM OF THIS  
PERMIT TO DETERMINE COMPLIANCE.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 3.1 pounds per hour

Reference Test Method: EPA METHOD 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 112: Compliance Certification**

Effective between the dates of 03/21/2012 and 03/20/2017

Applicable Federal Requirement:6 NYCRR 202-1.1

**Item 112.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-LM60T

Process: 6DG

Regulated Contaminant(s):

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

CAS No: 0NY075-00-0 PARTICULATES

**Item 112.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

STACK TESTING IS REQUIRED FOR PM/PM-10  
EMISSIONS ONCE DURING THE TERM OF THIS  
PERMIT TO DETERMINE COMPLIANCE.

Parameter Monitored: PARTICULATES

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Upper Permit Limit: 6.58 pounds per hour  
Reference Test Method: EPA METHOD 5  
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT  
Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 113: Compliance Certification**  
**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable Federal Requirement: 6 NYCRR 202-1.1**

**Item 113.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-LM60T  
Process: 6NG

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

**Item 113.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING  
Monitoring Description:  
STACK TESTING IS REQUIRED FOR PM/PM-10  
EMISSIONS ONCE DURING THE TERM OF THIS  
PERMIT TO DETERMINE COMPLIANCE.

Parameter Monitored: PARTICULATES  
Upper Permit Limit: 5.93 pounds per hour  
Reference Test Method: EPA METHOD 5  
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT  
Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE



**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 114: Contaminant List**  
**Effective between the dates of 03/21/2012 and 03/20/2017**

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

**Item 114.1:**  
Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 000124-38-9  
Name: CARBON DIOXIDE



CAS No: 000630-08-0  
Name: CARBON MONOXIDE

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

CAS No: 007664-41-7  
Name: AMMONIA

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

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

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

**Condition 115: Unavoidable noncompliance and violations  
Effective between the dates of 03/21/2012 and 03/20/2017**

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

**Item 115.1:**

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

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

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





(1) The owners and operators of each CO<sub>2</sub> budget source and each CO<sub>2</sub> budget unit at the source shall hold CO<sub>2</sub> allowances available for compliance deductions under Section 242-6.5, as of the CO<sub>2</sub> allowance transfer deadline, in the source's compliance account in an amount not less than the total CO<sub>2</sub> emissions for the control period from all CO<sub>2</sub> budget units at the source, as determined in accordance with Subparts 242-6 and 242-8.

(2) Each ton of CO<sub>2</sub> emitted in excess of the CO<sub>2</sub> budget emissions limitation shall constitute a separate violation of this Part and applicable state law.

(3) A CO<sub>2</sub> budget unit shall be subject to the requirements specified in item 1 starting on the later, of January 1, 2009 or the date on which the unit commences operation.

(4) CO<sub>2</sub> allowances shall be held in, deducted from, or transferred among CO<sub>2</sub> Allowance Tracking System accounts in accordance with Subparts 242-5, 242-6, and 242-7, and Section 242-10.7.

(5) A CO<sub>2</sub> allowance shall not be deducted, in order to comply with the requirements specified in item 1, for a control period that ends prior to the allocation year for which the CO<sub>2</sub> allowance was allocated. A CO<sub>2</sub> offset allowance shall not be deducted, in order to comply with the requirements under item 1, beyond the applicable percent limitations set out in 6NYCRR Part 242-6.5(a)(3).

(6) A CO<sub>2</sub> allowance under the CO<sub>2</sub> Budget Trading Program is a limited authorization by the Department or a participating state to emit one ton of CO<sub>2</sub> in accordance with the CO<sub>2</sub> Budget Trading Program. No provision of the CO<sub>2</sub> Budget Trading Program, the CO<sub>2</sub> budget permit application, or the CO<sub>2</sub> budget permit or any provision of law shall be construed to limit the authority of the Department or a participating state to terminate or limit such authorization.

(7) A CO<sub>2</sub> allowance under the CO<sub>2</sub> Budget Trading Program does not constitute a property right.

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 7/30/2012.



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

**Condition 118: Compliance Demonstration**  
Effective between the dates of 03/21/2012 and 03/20/2017

**Applicable State Requirement: 6 NYCRR 242-1.5**

**Item 118.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 118.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owners and operators of the CO<sub>2</sub> budget source and each CO<sub>2</sub> budget unit at the source shall keep on site at the source each of the following documents for a period of 10 years from the date the document is created. This period may be extended for cause, at any time prior to the end of 10 years, in writing by the department.

(i) The account certificate of representation for the CO<sub>2</sub> authorized account representative for the source and each CO<sub>2</sub> 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 Part 242-2.4, provided that the certificate and documents shall be retained on site at the source beyond such 10-year period until such documents are superseded because of the submission of a new account certificate of representation.

(ii) All emissions monitoring information, in accordance with Subpart 242-8 and 40 CFR 75.57.

(iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the CO<sub>2</sub> Budget Trading Program.

(iv) Copies of all documents used to complete a CO<sub>2</sub> budget permit application and any other submission under the CO<sub>2</sub> Budget Trading Program or to demonstrate compliance with the requirements of the CO<sub>2</sub> Budget Trading Program.

The CO<sub>2</sub> authorized account representative of a CO<sub>2</sub> budget source and each CO<sub>2</sub> budget unit at the source shall submit the reports and compliance certifications required under the CO<sub>2</sub> Budget Trading Program, including those under Subpart 242-4.

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 7/30/2012.

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

**Condition 119: Compliance Demonstration**  
**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable State Requirement:6 NYCRR Subpart 242-4**

**Item 119.1:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000124-38-9 CARBON DIOXIDE

**Item 119.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Annual Compliance Certification Report:

(a) For each control period in which a CO2 budget source is subject to the CO2 requirements of subdivision 242-1.5(c) of this Part, CO2 authorized account representative of the source shall submit to the department by March 1st following the relevant control period, a compliance certification report. The control period is a three-calendar-year time period.

(b) The compliance certification report shall include the following elements:

(1) identification of the source and each CO2 budget unit at the source;

(2) as an option, the serial numbers of the CO2 allowances that are to be deducted from the source's compliance account under section 242-6.5 of this Part for the control period, including the serial numbers of any CO2 offset allowances that are to be deducted subject to the limitations of section 242-6.5(a)(3) of this Part; and

(3) the compliance certification under subdivision (c) of this section (below).

(c) In the compliance certification report the CO2 authorized account representative shall certify, based on reasonable inquiry of those persons with primary



responsibility for operating the source and the CO2 budget units at the source in compliance with the CO2 Budget Trading Program, whether the source and each CO2 budget unit at the source for which the compliance certification is submitted was operated during the calendar years covered by the report in compliance with the requirements of the CO2 Budget Trading Program, including:

(1) whether the source was operated in compliance with the CO2 requirements of section 242-1.5(c) of this Part;

(2) whether the monitoring plan applicable to each unit at the source has been maintained to reflect the actual operation and monitoring of the unit, and contains all information necessary to attribute CO2 emissions to the unit, in accordance with Subpart 242-8 of this Part;

(3) whether all the CO2 emissions from the units at the source 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 242-8 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 242-8 of each monitor at each unit at the source, or for using an excepted monitoring method or alternative monitoring method approved under Subpart 242-8 of this Part, if any, have changed; and

(5) if a change is required to be reported under paragraph (c)(4) above, specify the nature of the change, the reason for the change, when the change occurred, and how the unit's compliance status was determined subsequent to the change, including what method was used to determine emissions when a change mandated the need for monitor recertification.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 121: Compliance Demonstration**  
**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable State Requirement:6 NYCRR Subpart 242-8**



**Item 121.1:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):  
CAS No: 000124-38-9 CARBON DIOXIDE

**Item 121.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Recordkeeping and Reporting (6NYCRR Part 242-8.5)

- (a) General provisions. The CO<sub>2</sub> authorized account representative shall comply with all recordkeeping and reporting requirements in this section, the applicable record keeping and reporting requirements under 40 CFR 75.73 and with the requirements of section 242-2.1(e) of this Part.
- (b) Monitoring plans. The owner or operator of a CO<sub>2</sub> budget unit shall submit a monitoring plan in the manner prescribed in 40 CFR 75.62.
- (c) Certification applications. The CO<sub>2</sub> authorized account representative shall submit an application to the department within 45 days after completing all CO<sub>2</sub> monitoring system initial certification or recertification tests required under section 242-8.2 of this Subpart including the information required under 40 CFR 75.63 and 40 CFR 75.53(e) and (f).
- (d) Quarterly reports. The CO<sub>2</sub> authorized account representative shall submit quarterly reports, as follows:
  - (1) The CO<sub>2</sub> authorized account representative shall report the CO<sub>2</sub> mass emissions data and heat input data for the CO<sub>2</sub> budget unit, in an electronic format prescribed by the administrator unless otherwise prescribed by the department for each calendar quarter.
  - (2) The CO<sub>2</sub> authorized account representative shall submit each quarterly report to the department or its agent within 30 days following the end of the calendar quarter covered by the report. Quarterly reports shall be submitted in the manner specified in subpart H of 40 CFR part 75 and 40 CFR 75.64. Quarterly reports shall be submitted for each CO<sub>2</sub> budget unit (or group of units using a common stack), and shall include all of the data and information required in subpart G of 40 CFR part 75, except for opacity, NO<sub>x</sub>, and SO<sub>2</sub> provisions.
  - (3) The CO<sub>2</sub> authorized account representative shall



submit to the department or its agent a compliance certification in support of each quarterly report based on reasonable inquiry of those persons with primary responsibility for ensuring that all of the unit's emissions are correctly and fully monitored. The certification shall state that:

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

(ii) for a unit with add-on CO<sub>2</sub> emissions controls and for all hours where data are substituted in accordance with 40 CFR 75.34(a)(1), the add-on emissions controls were operating within the range of parameters listed in the quality assurance/quality control program under appendix B of 40 CFR part 75 and the substitute values do not systematically underestimate CO<sub>2</sub> emissions; and

(iii) the CO<sub>2</sub> concentration values substituted for missing data under Subpart D of 40 CFR part 75 do not systematically underestimate CO<sub>2</sub> emissions.

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 4/30/2012.

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

**Condition 120: Compliance Demonstration**  
**Effective between the dates of 03/21/2012 and 03/20/2017**

**Applicable State Requirement: 6 NYCRR 242-8.5**

**Item 120.1:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000124-38-9 CARBON DIOXIDE

**Item 120.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Recordkeeping and Reporting (6NYCRR Part 242-8.5)

(a) General provisions. The CO<sub>2</sub> authorized account representative shall comply with all recordkeeping and reporting requirements in this section, the applicable record keeping and reporting requirements under 40 CFR 75.73 and with the requirements of section 242-2.1(e) of this Part.



(b) Monitoring plans. The owner or operator of a CO<sub>2</sub> budget unit shall submit a monitoring plan in the manner prescribed in 40 CFR 75.62.

(c) Certification applications. The CO<sub>2</sub> authorized account representative shall submit an application to the department within 45 days after completing all CO<sub>2</sub> monitoring system initial certification or recertification tests required under section 242-8.2 of this Subpart including the information required under 40 CFR 75.63 and 40 CFR 75.53(e) and (f).

(d) Quarterly reports. The CO<sub>2</sub> authorized account representative shall submit quarterly reports, as follows:

(1) The CO<sub>2</sub> authorized account representative shall report the CO<sub>2</sub> mass emissions data and heat input data for the CO<sub>2</sub> budget unit, in an electronic format prescribed by the administrator unless otherwise prescribed by the department for each calendar quarter.

(2) The CO<sub>2</sub> authorized account representative shall submit each quarterly report to the department or its agent within 30 days following the end of the calendar quarter covered by the report. Quarterly reports shall be submitted in the manner specified in subpart H of 40 CFR part 75 and 40 CFR 75.64. Quarterly reports shall be submitted for each CO<sub>2</sub> budget unit (or group of units using a common stack), and shall include all of the data and information required in subpart G of 40 CFR part 75, except for opacity, NO<sub>x</sub>, and SO<sub>2</sub> provisions.

(3) The CO<sub>2</sub> authorized account representative shall submit to the department or its agent a compliance certification in support of each quarterly report based on reasonable inquiry of those persons with primary responsibility for ensuring that all of the unit's emissions are correctly and fully monitored. The certification shall state that:

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

(ii) for a unit with add-on CO<sub>2</sub> emissions controls and for all hours where data are substituted in accordance with 40 CFR 75.34(a)(1), the add-on emissions controls were operating within the range of parameters listed in the quality assurance/quality control program under appendix B of 40 CFR part 75 and the substitute values do not systematically underestimate CO<sub>2</sub> emissions; and

(iii) the CO<sub>2</sub> concentration values substituted for missing data under Subpart D of 40 CFR part 75 do not systematically underestimate CO<sub>2</sub> emissions.

**New York State Department of Environmental Conservation**

**Permit ID: 6-4012-00053/00010**

**Facility DEC ID: 6401200053**



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 4/30/2012.

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

