



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 6-4012-00053/00010
Effective Date: 04/05/2019 Expiration Date: 04/04/2024

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

Contact: GREG SHARLAND
ALLIANCE ENERGY
110 E SENECA ST
SHERRILL, NY 13461
(315) 393-9048

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

Description:

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: THOMAS G VOSS
NYSDEC - REGION 6
317 WASHINGTON ST
WATERTOWN, NY 13601-3787

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 the expiration of permits for Title V and State Facility Permits.

Item 3.3

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



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

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

Item 4.1:

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

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

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

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

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Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

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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: 04/05/2019

Permit Expiration Date: 04/04/2024



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6 NYCRR 200.6: Acceptable Ambient Air Quality
- 2 6 NYCRR 201-6.4 (a) (7): Fees
- 3 6 NYCRR 201-6.4 (c): Recordkeeping and Reporting of Compliance Monitoring
- 4 6 NYCRR 201-6.4 (c) (2): Records of Monitoring, Sampling, and Measurement
- 5 6 NYCRR 201-6.4 (c) (3) (ii): Compliance Certification
- 6 6 NYCRR 201-6.4 (e): Compliance Certification
- 7 6 NYCRR 202-2.1: Compliance Certification
- 8 6 NYCRR 202-2.5: Recordkeeping requirements
- 9 6 NYCRR 215.2: Open Fires - Prohibitions
- 10 6 NYCRR 200.7: Maintenance of Equipment
- 11 6 NYCRR 201-1.7: Recycling and Salvage
- 12 6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 13 6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
- 14 6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
- 15 6 NYCRR 201-6.4 (a) (4): Requirement to Provide Information
- 16 6 NYCRR 201-6.4 (a) (8): Right to Inspect
- 17 6 NYCRR 201-6.4 (f) (6): Off Permit Changes
- 18 6 NYCRR 202-1.1: Required Emissions Tests
- 19 40 CFR Part 68: Accidental release provisions.
- 20 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 21 6 NYCRR 200.7: Compliance Certification
- 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 200.7: Compliance Certification
- 30 6 NYCRR 200.7: Compliance Certification
- 31 6 NYCRR 200.7: Compliance Certification
- 32 6 NYCRR 200.7: Compliance Certification
- 33 6 NYCRR 200.7: Compliance Certification
- 34 6 NYCRR 200.7: Compliance Certification
- 35 6 NYCRR 200.7: Compliance Certification
- 36 6 NYCRR 200.7: Compliance Certification
- 37 6 NYCRR 200.7: Compliance Certification
- 38 6 NYCRR 200.7: Compliance Certification
- 39 6 NYCRR 200.7: Compliance Certification
- 40 6 NYCRR 200.7: Compliance Certification
- 41 6 NYCRR 200.7: Compliance Certification
- 42 6 NYCRR 200.7: Compliance Certification
- 43 6 NYCRR 200.7: Compliance Certification

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- 44 6 NYCRR 200.7: Compliance Certification
- 45 6 NYCRR 200.7: Compliance Certification
- 46 6 NYCRR 200.7: Compliance Certification
- 47 6 NYCRR 200.7: Compliance Certification
- 48 6 NYCRR 200.7: Compliance Certification
- 49 6 NYCRR 200.7: Compliance Certification
- 50 6 NYCRR Subpart 201-6: Emission Unit Definition
- 51 6 NYCRR Subpart 201-6: Compliance Certification
- 52 6 NYCRR Subpart 201-6: Compliance Certification
- 53 6 NYCRR 201-6.4 (d) (4): Progress Reports Due Semiannually
- 54 6 NYCRR Subpart 201-7: Facility Permissible Emissions
- *55 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *56 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 57 6 NYCRR 202-1.2: Notification
- 58 6 NYCRR 202-1.3: Acceptable procedures
- 59 6 NYCRR 202-1.3: Acceptable procedures - Stack test report submittal
- 60 6 NYCRR 202-1.3: Alternate test methods
- 61 6 NYCRR 202-1.5: Prohibitions
- 62 6 NYCRR 211.2: Visible Emissions Limited
- 63 6 NYCRR 225-1.2 (h): Compliance Certification
- 64 6 NYCRR 227-1.2 (a) (1): Compliance Certification
- 65 6 NYCRR 227-1.3: Compliance Certification
- 66 6 NYCRR 227-1.3 (a): Compliance Certification
- 67 40CFR 52.21(j)(1), Subpart A: Minimum requirements.
- 68 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
- 69 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 70 40CFR 60.7(d), NSPS Subpart A: Excess emissions report.
- 71 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
- 72 40CFR 60.11, NSPS Subpart A: Compliance Certification
- 73 40CFR 60.11, NSPS Subpart A: Compliance Certification
- 74 40CFR 60.13, NSPS Subpart A: Monitoring requirements.
- 75 40CFR 60.48c, NSPS Subpart Dc: Compliance Certification
- 76 40CFR 60.334(d), NSPS Subpart GG: Compliance Certification
- 77 40CFR 60.334(h)(3), NSPS Subpart GG: Compliance Certification
- 78 40CFR 63, Subpart JJJJJ: Applicability
- 79 40CFR 63, Subpart ZZZZ: Applicability
- 80 40 CFR Part 72: Facility Subject to Title IV Acid Rain Regulations and Permitting
- 81 40CFR 97.406, Subpart AAAAA: Compliance Certification
- 82 40CFR 97.606, Subpart CCCCC: Compliance Certification
- 83 40CFR 97, Subpart EEEEE: Compliance Certification
- Emission Unit Level**
- 84 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
- 85 6 NYCRR Subpart 201-6: Process Definition By Emission Unit
- 86 6 NYCRR Subpart 201-7: Process Permissible Emissions
- EU=1-AXBLR,Proc=AXG,ES=AUXBL**
- 87 6 NYCRR 200.7: Compliance Certification
- EU=1-AXBLR,Proc=BXB,ES=AUXB2**
- 88 40CFR 60.46c(e), NSPS Subpart Dc: Exemption from sulfur dioxide monitoring requirements.



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

89 40CFR 60.46c(e), NSPS Subpart Dc: Exemption from sulfur dioxide monitoring requirements.

EU=1-LM25T,Proc=25G

90 6 NYCRR 200.7: Compliance Certification

EU=1-LM60T,Proc=6DG

91 6 NYCRR 200.7: Compliance Certification

EU=1-LM60T,Proc=6NG

92 6 NYCRR 200.7: Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 93 ECL 19-0301: Contaminant List
- 94 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 95 6 NYCRR 211.1: Air pollution prohibited
- 96 6 NYCRR 242-1.5: Compliance Demonstration
- 97 6 NYCRR 242-1.5: Compliance Demonstration
- 98 6 NYCRR Subpart 242-4: Compliance Demonstration
- 99 6 NYCRR Subpart 242-8: Compliance Demonstration
- 100 6 NYCRR 251.6 (d): Compliance Demonstration

Emission Unit Level

- 101 6 NYCRR 251.3 (a): 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: Public Access to Recordkeeping for Title V Facilities - 6 NYCRR 201-1.10 (b)

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

Item B: Timely Application for the Renewal of Title V Permits - 6 NYCRR 201-6.2 (a) (4)

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

Item C: Certification by a Responsible Official - 6 NYCRR 201-6.2 (d) (12)

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

Item D: Requirement to Comply With All Conditions - 6 NYCRR 201-6.4 (a) (2)

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

Item E: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR 201-6.4 (a) (3)

This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and



reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

Item F: Cessation or Reduction of Permitted Activity Not a Defense - 6 NYCRR 201-6.4 (a) (5)

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

Item G: Property Rights - 6 NYCRR 201-6.4 (a) (6)

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

Item H: Severability - 6 NYCRR 201-6.4 (a) (9)

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

Item I: Permit Shield - 6 NYCRR 201-6.4 (g)

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

i. The ability of the Department to seek to bring suit on behalf of the State of New York, or the Administrator to seek to bring suit on behalf of the United States, to immediately restrain any person causing or contributing to pollution presenting an imminent and substantial endangerment to public health, welfare or the environment to stop the emission of air pollutants causing or contributing to such pollution;

ii. The liability of a permittee of the Title V



facility for any violation of applicable requirements prior to or at the time of permit issuance;

iii. The applicable requirements of Title IV of the Act;

iv. The ability of the Department or the Administrator to obtain information from the permittee concerning the ability to enter, inspect and monitor the facility.

Item J: Reopening for Cause - 6 NYCRR 201-6.4 (i)

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

i. When additional applicable requirements under the act become applicable to a title V facility with a remaining permit term of 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 the 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 section 201- 6.6 of this Subpart.

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

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

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

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

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

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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 04/05/2019 and 04/04/2024

Applicable Federal Requirement: 6 NYCRR 201-6.4 (a) (7)

Item 2.1:

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

Condition 3: Recordkeeping and Reporting of Compliance Monitoring
Effective between the dates of 04/05/2019 and 04/04/2024

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

Item 3.1:

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

(i) The date, place, and time of sampling or measurements;

(ii) The date(s) analyses were performed;

(iii) The company or entity that performed the analyses;

(iv) The analytical techniques or methods used including quality assurance and quality control procedures if required;

(v) The results of such analyses including quality assurance data where required; and

(vi) The operating conditions as existing at the time of sampling or measurement.

Any deviation from permit requirements must be clearly identified in all records and reports. Reports must be certified by a responsible official, consistent with Section 201-6.2 of Part 201.

Condition 4: Records of Monitoring, Sampling, and Measurement
Effective between the dates of 04/05/2019 and 04/04/2024

Applicable Federal Requirement: 6 NYCRR 201-6.4 (c) (2)

Item 4.1:

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



reports required by the permit.

Condition 5: Compliance Certification
Effective between the dates of 04/05/2019 and 04/04/2024

Applicable Federal Requirement: 6 NYCRR 201-6.4 (c) (3) (ii)

Item 5.1:

The Compliance Certification activity will be performed for the Facility.

Item 5.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

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

- (1) For emissions of a hazardous air pollutant (as identified in an applicable regulation) that continue for more than an hour in excess of permit requirements, the report must be made within 24 hours of the occurrence.
- (2) For emissions of any regulated air pollutant, excluding those listed in paragraph (1) of this section, that continue for more than two hours in excess of permit requirements, the report must be made within 48 hours.
- (3) For all other deviations from permit requirements,



the report shall be contained in the 6 month monitoring report required above.

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

If above paragraphs (1) or (2) are met, the source must notify the permitting authority by telephone during normal business hours at the Regional Office of jurisdiction for this permit, attention Regional Air Pollution Control Engineer (RAPCE) according to the timetable listed in paragraphs (1) and (2) of this section. For deviations and incidences that must be reported outside of normal business hours, on weekends, or holidays, the DEC Spill Hotline phone number at 1-800-457-7362 shall be used. A written notice, certified by a responsible official consistent with 6 NYCRR Part 201-6.2(d)(12), must be submitted within 10 working days of an occurrence for deviations reported under (1) and (2). All deviations reported under paragraphs (1) and (2) of this section must also be identified in the 6 month monitoring report required above.

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

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

In the case of any emission testing performed during the previous six month reporting period, either due to a request by the Department, EPA, or a regulatory requirement, the permittee shall include in the semiannual

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report a summary of the testing results and shall indicate whether or not the Department or EPA has approved the results.

All semiannual reports may be submitted electronically or physically. Electronic reports shall be submitted using the Department's Air Compliance and Emissions Electronic-Reporting system (ACE). If the facility owner or operator elects to send physical copies instead, two copies shall be sent to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office) and one copy shall be sent to the Administrator (or his or her representative). Mailing addresses for the above referenced persons are contained in the monitoring condition for 6 NYCRR Part 201-6.4(e), contained elsewhere in this permit.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2019.

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

Condition 6: Compliance Certification
Effective between the dates of 04/05/2019 and 04/04/2024

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

Item 6.1:

The Compliance Certification activity will be performed for the Facility.

Item 6.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

- i. Compliance certifications shall contain:
 - the identification of each term or condition of the permit that is the basis of the certification;
 - the compliance status;
 - whether compliance was continuous or intermittent;
 - the method(s) used for determining the compliance status of the facility, currently and over the reporting period consistent with the monitoring and related recordkeeping and reporting requirements of this permit;
 - such other facts as the Department may require to determine the compliance status of the facility as

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specified in any special permit terms or conditions;
and
- such additional requirements as may be specified elsewhere in this permit related to compliance certification.

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

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

iv. All annual compliance certifications may be submitted electronically or physically. Electronic reports shall be submitted using the Department's Air Compliance and Emissions Electronic-Reporting system (ACE). If the facility owner or operator elects to send physical copies instead, two copies shall be sent to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office) and one copy shall be sent to the Administrator (or his or her representative). The mailing addresses for the above referenced persons are:

Chief – Air Compliance Branch
USEPA Region 2 DECA/ACB
290 Broadway, 21st Floor
New York, NY 10007

The address for the RAPCE is as follows:

Regional Air Pollution Control Engineer
State Office Building
317 Washington Street
Watertown, NY 13601-3787

The address for the BQA is as follows:

NYSDEC
Bureau of Quality Assurance

New York State Department of Environmental Conservation

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625 Broadway
Albany, NY 12233-3258

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2020.
Subsequent reports are due on the same day each year

Condition 7: Compliance Certification
Effective between the dates of 04/05/2019 and 04/04/2024

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 04/05/2019 and 04/04/2024

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 04/05/2019 and 04/04/2024

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 04/05/2019 and 04/04/2024

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 04/05/2019 and 04/04/2024

Applicable Federal Requirement:6 NYCRR 201-1.7

Item 11.1:

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

Condition 12: Prohibition of Reintroduction of Collected Contaminants to the air
Effective between the dates of 04/05/2019 and 04/04/2024

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 04/05/2019 and 04/04/2024

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

Item 13.1:

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

Condition 14: Trivial Sources - Proof of Eligibility
Effective between the dates of 04/05/2019 and 04/04/2024



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

Item 14.1:

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

Condition 15: Requirement to Provide Information
Effective between the dates of 04/05/2019 and 04/04/2024

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

Item 15.1:

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

Condition 16: Right to Inspect
Effective between the dates of 04/05/2019 and 04/04/2024

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

Item 16.1:

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

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

Condition 17: Off Permit Changes
Effective between the dates of 04/05/2019 and 04/04/2024



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

Item 17.1:

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

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

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

**Condition 18: Required Emissions Tests
Effective between the dates of 04/05/2019 and 04/04/2024**

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 18.1:

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

**Condition 19: Accidental release provisions.
Effective between the dates of 04/05/2019 and 04/04/2024**

Applicable Federal Requirement:40 CFR Part 68

Item 19.1:

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

- a) The owner or operator shall comply with the provisions of 40 CFR Part 68 and;
- b) The owner or operator shall submit at the time of permit issuance (if not previously submitted) one of the following, if such quantities are present:
 - 1) A compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided

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in 40 CFR §68.10(a) or,

2) A certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of the Risk Management Plan. Information should be submitted to:

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

Condition 20: Recycling and Emissions Reduction
Effective between the dates of 04/05/2019 and 04/04/2024

Applicable Federal Requirement:40CFR 82, Subpart F

Item 20.1:

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 21: Compliance Certification
Effective between the dates of 04/05/2019 and 04/04/2024

Applicable Federal Requirement:6 NYCRR 200.7

Item 21.1:

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

Emission Unit: 1-LM25T

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

Item 21.2:

Compliance Certification shall include the following monitoring:

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



New York State Department of Environmental Conservation

Permit ID: 6-4012-00053/00010

Facility DEC ID: 6401200053

Upper Permit Limit: 23.4 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 7/30/2019.
Subsequent reports are due every 3 calendar month(s).

Condition 22: Compliance Certification
Effective between the dates of 04/05/2019 and 04/04/2024

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
Process: 25G

Emission Unit: 1-LM60T
Process: 6DG

Emission Unit: 1-LM60T
Process: 6NG

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

Item 22.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CEMS TO MONITOR NO_x EMISSIONS FROM THE COMBUSTION TURBINE/HRSG STACK WHILE FIRING NATURAL GAS. 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: 9.0 parts per million by volume
(dry, corrected to 15% O₂)

Reference Test Method: EPA METHOD 7

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)



New York State Department of Environmental Conservation

Permit ID: 6-4012-00053/00010

Facility DEC ID: 6401200053

Reports due 30 days after the reporting period.
The initial report is due 7/30/2019.
Subsequent reports are due every 3 calendar month(s).

Condition 23: Compliance Certification
Effective between the dates of 04/05/2019 and 04/04/2024

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-LM60T
Process: 6NG

Emission Unit: 1-LM60T
Process: 6NO

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

Item 23.2:

Compliance Certification shall include the following monitoring:

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 7/30/2019.

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

Condition 24: Compliance Certification
Effective between the dates of 04/05/2019 and 04/04/2024

Applicable Federal Requirement:6 NYCRR 200.7

Item 24.1:

The Compliance Certification activity will be performed for the facility:

New York State Department of Environmental Conservation

Permit ID: 6-4012-00053/00010

Facility DEC ID: 6401200053



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 24.2:

Compliance Certification shall include the following monitoring:

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: 15.0 parts per million by volume
(dry, corrected to 15% O₂)

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 7/30/2019.

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

Condition 25: Compliance Certification

Effective between the dates of 04/05/2019 and 04/04/2024

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-LM60T
Process: 6DG

Emission Unit: 1-LM60T
Process: 6DO

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

New York State Department of Environmental Conservation

Permit ID: 6-4012-00053/00010

Facility DEC ID: 6401200053



Item 25.2:

Compliance Certification shall include the following monitoring:

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 7/30/2019.

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

Condition 26: Compliance Certification

Effective between the dates of 04/05/2019 and 04/04/2024

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: 0NY210-00-0 OXIDES OF NITROGEN

Item 26.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

THIS IS THE NO_x 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.



New York State Department of Environmental Conservation

Permit ID: 6-4012-00053/00010

Facility DEC ID: 6401200053

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 7/30/2019.
Subsequent reports are due every 3 calendar month(s).

Condition 27: Compliance Certification
Effective between the dates of 04/05/2019 and 04/04/2024

Applicable Federal Requirement:6 NYCRR 200.7

Item 27.1:

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

Emission Unit: 1-LM60T

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

Item 27.2:

Compliance Certification shall include the following monitoring:

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

THIS IS THE NO_x 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 7/30/2019.
Subsequent reports are due every 3 calendar month(s).

Condition 28: Compliance Certification
Effective between the dates of 04/05/2019 and 04/04/2024

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 28.1:

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

Emission Unit: 1-LM60T

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

Item 28.2:

Compliance Certification shall include the following monitoring:

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 7/30/2019.

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

Condition 29: Compliance Certification
Effective between the dates of 04/05/2019 and 04/04/2024

Applicable Federal Requirement:6 NYCRR 200.7

Item 29.1:

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

Emission Unit: 1-LM25T

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

Item 29.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

New York State Department of Environmental Conservation

Permit ID: 6-4012-00053/00010

Facility DEC ID: 6401200053



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 7/30/2019.

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

Condition 30: Compliance Certification

Effective between the dates of 04/05/2019 and 04/04/2024

Applicable Federal Requirement:6 NYCRR 200.7

Item 30.1:

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: 000630-08-0 CARBON MONOXIDE

Item 30.2:

Compliance Certification shall include the following monitoring:

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



New York State Department of Environmental Conservation

Permit ID: 6-4012-00053/00010

Facility DEC ID: 6401200053

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 7/30/2019.
Subsequent reports are due every 3 calendar month(s).

Condition 31: Compliance Certification
Effective between the dates of 04/05/2019 and 04/04/2024

Applicable Federal Requirement:6 NYCRR 200.7

Item 31.1:

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: 000630-08-0 CARBON MONOXIDE

Item 31.2:

Compliance Certification shall include the following monitoring:

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 7/30/2019.
Subsequent reports are due every 3 calendar month(s).

Condition 32: Compliance Certification
Effective between the dates of 04/05/2019 and 04/04/2024

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 32.1:

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 32.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CEMS TO MONITOR NO_x 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% O₂)

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 7/30/2019.

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

Condition 33: Compliance Certification

Effective between the dates of 04/05/2019 and 04/04/2024

Applicable Federal Requirement:6 NYCRR 200.7

Item 33.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-AXBLR

New York State Department of Environmental Conservation

Permit ID: 6-4012-00053/00010

Facility DEC ID: 6401200053



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

Item 33.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

STACK TESTING TO DETERMINE NO_x 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 34: Compliance Certification

Effective between the dates of 04/05/2019 and 04/04/2024

Applicable Federal Requirement:6 NYCRR 200.7

Item 34.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-AXBLR
Process: AXB Emission Source: AUXBL

Emission Unit: 1-AXBLR
Process: AXG Emission Source: AUXBL

Emission Unit: 1-AXBLR
Process: AXO Emission Source: AUXBL

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

Item 34.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

New York State Department of Environmental Conservation

Permit ID: 6-4012-00053/00010

Facility DEC ID: 6401200053



Monitoring Description:

STACK TESTING TO MONITOR NO_x EMISSIONS FROM THE ZURN KEYSTONE AUXILIARY BOILER STACK. TO AID IN PERMIT STREAMLINING, THIS CONDITION ALSO COVERS THE REQUIREMENTS OF 40 CFR 60.44b and 40 CFR 60.48b.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.20 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 35: Compliance Certification

Effective between the dates of 04/05/2019 and 04/04/2024

Applicable Federal Requirement: 6 NYCRR 200.7

Item 35.1:

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 35.2:

Compliance Certification shall include the following monitoring:

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

(dry, corrected to 15% O₂)

Reference Test Method: EPA METHOD 10

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR 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 7/30/2019.

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

Condition 36: Compliance Certification

Effective between the dates of 04/05/2019 and 04/04/2024

Applicable Federal Requirement:6 NYCRR 200.7

Item 36.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 36.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE FACILITY SHALL LIMIT THE DISTILLATE OIL FUEL SULFUR CONTENT TO 0.0015% BY WEIGHT. TO AID IN PERMIT STREAMLINING, THIS CONDITION ALSO COVERS THE FUEL SULFUR REQUIREMENTS OF PART 225-1, 40 CFR 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: 0.0015 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: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2019.

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

Condition 37: Compliance Certification

Effective between the dates of 04/05/2019 and 04/04/2024

Applicable Federal Requirement:6 NYCRR 200.7

Item 37.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-LM25T



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: 0NY210-00-0 OXIDES OF NITROGEN

Item 37.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

THIS IS THE NO_x 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 7/30/2019.

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

Condition 38: Compliance Certification
Effective between the dates of 04/05/2019 and 04/04/2024

Applicable Federal Requirement:6 NYCRR 200.7

Item 38.1:

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: 0NY210-00-0 OXIDES OF NITROGEN

Item 38.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

THIS IS THE NO_x EMISSION LIMIT DURING STARTUP OF BOTH UNITS. THIS EMISSION LIMIT IS A POUND PER STARTUP LIMIT WHICH



New York State Department of Environmental Conservation

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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: 340.0 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 7/30/2019.
Subsequent reports are due every 3 calendar month(s).

Condition 39: Compliance Certification
Effective between the dates of 04/05/2019 and 04/04/2024

Applicable Federal Requirement:6 NYCRR 200.7

Item 39.1:

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

Item 39.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
STACK TESTING TO DETERMINE NO_x 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



New York State Department of Environmental Conservation

Permit ID: 6-4012-00053/00010

Facility DEC ID: 6401200053

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 40: Compliance Certification
Effective between the dates of 04/05/2019 and 04/04/2024

Applicable Federal Requirement:6 NYCRR 200.7

Item 40.1:

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

Emission Unit: 1-LM25T

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

Item 40.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

THIS IS THE NO_x 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 7/30/2019.

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

Condition 41: Compliance Certification
Effective between the dates of 04/05/2019 and 04/04/2024

Applicable Federal Requirement:6 NYCRR 200.7

Item 41.1:

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

Emission Unit: 1-LM60T

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

New York State Department of Environmental Conservation

Permit ID: 6-4012-00053/00010

Facility DEC ID: 6401200053



Item 41.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

THIS IS THE NO_x 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 7/30/2019.

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

Condition 42: Compliance Certification

Effective between the dates of 04/05/2019 and 04/04/2024

Applicable Federal Requirement:6 NYCRR 200.7

Item 42.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-LM60T

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 42.2:

Compliance Certification shall include the following monitoring:

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



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Permit ID: 6-4012-00053/00010

Facility DEC ID: 6401200053

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 7/30/2019.
Subsequent reports are due every 3 calendar month(s).

Condition 43: Compliance Certification
Effective between the dates of 04/05/2019 and 04/04/2024

Applicable Federal Requirement:6 NYCRR 200.7

Item 43.1:

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 43.2:

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 7/30/2019.
Subsequent reports are due every 3 calendar month(s).

Condition 44: Compliance Certification
Effective between the dates of 04/05/2019 and 04/04/2024

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 44.1:

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 44.2:

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 7/30/2019.

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

Condition 45: Compliance Certification
Effective between the dates of 04/05/2019 and 04/04/2024

Applicable Federal Requirement:6 NYCRR 200.7

Item 45.1:

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 45.2:

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 LM6000. THIS



New York State Department of Environmental Conservation

Permit ID: 6-4012-00053/00010

Facility DEC ID: 6401200053

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 7/30/2019.

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

Condition 46: Compliance Certification
Effective between the dates of 04/05/2019 and 04/04/2024

Applicable Federal Requirement:6 NYCRR 200.7

Item 46.1:

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 46.2:

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

Reference Test Method: EPA METHOD 7

Monitoring Frequency: CONTINUOUS

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED PER
OCCURRENCE

Reporting Requirements: QUARTERLY (CALENDAR)



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Permit ID: 6-4012-00053/00010

Facility DEC ID: 6401200053

Reports due 30 days after the reporting period.
The initial report is due 7/30/2019.
Subsequent reports are due every 3 calendar month(s).

Condition 47: Compliance Certification
Effective between the dates of 04/05/2019 and 04/04/2024

Applicable Federal Requirement:6 NYCRR 200.7

Item 47.1:

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 47.2:

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 7/30/2019.

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

Condition 48: Compliance Certification
Effective between the dates of 04/05/2019 and 04/04/2024

Applicable Federal Requirement:6 NYCRR 200.7

Item 48.1:

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-LM25T

Emission Unit: 1-LM60T

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

Item 48.2:

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%
O₂) 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.

Manufacturer Name/Model Number: Rosemount 951C

Parameter Monitored: AMMONIA

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

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 7/30/2019.

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

Condition 49: Compliance Certification
Effective between the dates of 04/05/2019 and 04/04/2024

Applicable Federal Requirement:6 NYCRR 200.7

Item 49.1:

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

New York State Department of Environmental Conservation

Permit ID: 6-4012-00053/00010

Facility DEC ID: 6401200053



Item 49.2:

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 7/30/2019.

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

Condition 50: Emission Unit Definition

Effective between the dates of 04/05/2019 and 04/04/2024

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 50.1:

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 50.2:

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 50.3:

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

Emission Unit: 1-LM60T



New York State Department of Environmental Conservation

Permit ID: 6-4012-00053/00010

Facility DEC ID: 6401200053

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 51: Compliance Certification
Effective between the dates of 04/05/2019 and 04/04/2024

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 51.1:

The Compliance Certification activity will be performed for the Facility.

Item 51.2:

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 def F.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2019.

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

Condition 52: Compliance Certification
Effective between the dates of 04/05/2019 and 04/04/2024

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 52.1:

The Compliance Certification activity will be performed for the Facility.

Item 52.2:

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

New York State Department of Environmental Conservation

Permit ID: 6-4012-00053/00010

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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 NOx 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 7/30/2019.

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

Condition 53: Progress Reports Due Semiannually
Effective between the dates of 04/05/2019 and 04/04/2024

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

Item 53.1:

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 54: Facility Permissible Emissions
Effective between the dates of 04/05/2019 and 04/04/2024

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 54.1:

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: 196,000 pounds per year

Name: CARBON MONOXIDE



New York State Department of Environmental Conservation

Permit ID: 6-4012-00053/00010

Facility DEC ID: 6401200053

CAS No: 0NY210-00-0

PTE: 196,000 pounds per year

Name: OXIDES OF NITROGEN

Condition 55: Capping Monitoring Condition
Effective between the dates of 04/05/2019 and 04/04/2024

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:

6 NYCRR Subpart 231-8

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.

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.

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 55.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC



OPERATIONS

Monitoring Description:

The Ogdensburg Energy facility will limit facility wide emissions of carbon monoxide below 98 tons per year based on a 12-month maximum rolled monthly.

Compliance with this facility wide emission limit will be determined by utilizing Continuous Emission Monitoring (CEM) devices and fuel use (natural gas, biodiesel, and distillate oil) data for all emission sources on site.

Emissions from units 1-LM25T and 1-LM60T shall be measured daily from the CEM. Emissions from unit 1-AXBLR shall be calculated on a monthly basis for each fuel and summed together to determine the total carbon monoxide emissions from this unit. Emissions of carbon monoxide from 1-AXBLR shall be calculated as below.

$$1\text{-AXBLR Monthly CO Emissions (lbs)} = (\text{NG} \times 0.084 \text{ lb/mmbtu}) + (\text{DO} \times 0.2 \text{ lb/mmbtu}) + (\text{BD} \times 0.036 \text{ lb/mmbtu})$$

Where:

NG = Natural Gas Combusted (mmbtu)

DO = Distillate Oil Combusted (mmbtu)

BD = Biodiesel combusted (mmbtu)

The facility shall sum the carbon monoxide emissions from units 1-LM25T, 1-LM60T, 1-AXBLR, and all exempt and trivial units to determine the facility wide monthly carbon monoxide emissions. The most recent calculated monthly carbon monoxide emissions shall be added to the previous 11 month total to calculate a 12 month rolling total. Records shall be kept on site in a form acceptable to the Department and be available to the Department upon request. All records must be kept on site for no less than five years from the date of record.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: FUEL

Upper Permit Limit: 98 tons per year

Reference Test Method: EPA METHOD 10

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED DAILY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2020.

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

Condition 56: Capping Monitoring Condition
Effective between the dates of 04/05/2019 and 04/04/2024

Applicable Federal Requirement:6 NYCRR Subpart 201-7

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Item 56.1:

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

6 NYCRR Subpart 231-8

Item 56.2:

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

Item 56.3:

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 56.4:

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 56.5:

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 56.6:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

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

Item 56.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The Ogdensburg Energy facility will limit facility wide emissions of oxides of nitrogen below 98 tons per year based on a 12-month maximum rolled monthly.

Compliance with this facility wide emission limit will be determined by utilizing Continuous Emission Monitoring

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(CEM) devices and fuel use (natural gas, biodiesel, and distillate oil) data for all emission sources on site. Emissions from units 1-LM25T and 1-LM60T shall be measured daily from the CEM. Emissions from unit 1-AXBLR shall be calculated on a monthly basis for each fuel and summed together to determine the total oxides of nitrogen emissions from this unit. Emissions of oxides of nitrogen from 1-AXBLR shall be calculated as below.

$$1\text{-AXBLR Monthly NOx Emissions (lbs)} = (\text{NG} \times 0.2 \text{ lb/mmbtu}) + (\text{DO} \times 0.2 \text{ lb/mmbtu}) + (\text{BD} \times 0.2 \text{ lb/mmbtu})$$

Where:

NG = Natural Gas Combusted (mmbtu)

DO = Distillate Oil Combusted (mmbtu)

BD = Biodiesel combusted (mmbtu)

The facility shall sum the oxides of nitrogen emissions from units 1-LM25T, 1-LM60T, 1-AXBLR and all exempt and trivial units to determine the facility wide monthly oxides of nitrogen emissions. The most recent calculated monthly oxides of nitrogen emissions shall be added to the previous 11 month total to calculate a 12 month rolling total. Records shall be kept on site in a form acceptable to the Department and be available to the Department upon request. All records must be kept on site for no less than five years from the date of record.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: FUEL

Upper Permit Limit: 98 tons per year

Reference Test Method: EPA METHOD 7

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED DAILY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2020.

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

Condition 57: Notification

Effective between the dates of 04/05/2019 and 04/04/2024

Applicable Federal Requirement:6 NYCRR 202-1.2

Item 57.1:

A person who is required by the commissioner to submit a stack test report shall notify the 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 58: Acceptable procedures
Effective between the dates of 04/05/2019 and 04/04/2024

Applicable Federal Requirement:6 NYCRR 202-1.3

Item 58.1:
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 59: Acceptable procedures - Stack test report submittal
Effective between the dates of 04/05/2019 and 04/04/2024

Applicable Federal Requirement:6 NYCRR 202-1.3

Item 59.1:
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 60: Alternate test methods
Effective between the dates of 04/05/2019 and 04/04/2024

Applicable Federal Requirement:6 NYCRR 202-1.3

Item 60.1:
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 61: Prohibitions
Effective between the dates of 04/05/2019 and 04/04/2024

Applicable Federal Requirement:6 NYCRR 202-1.5

Item 61.1:
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 62: Visible Emissions Limited
Effective between the dates of 04/05/2019 and 04/04/2024

Applicable Federal Requirement:6 NYCRR 211.2

Item 62.1:
Except as permitted by a specific part of this Subchapter and for open fires for which a restricted burning permit has been issued, no person shall cause or allow any air contamination source to emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.

Condition 63: Compliance Certification

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Effective between the dates of 04/05/2019 and 04/04/2024

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

Item 63.1:

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 63.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Owners and/or operators of a stationary combustion installations that fire distillate oil are limited to the firing of distillate oil with 0.0015 percent sulfur by weight or less on or after July 1, 2016. Compliance with this limit will be based on vendor certifications.

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

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



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Permit ID: 6-4012-00053/00010

Facility DEC ID: 6401200053

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 64: Compliance Certification

Effective between the dates of 04/05/2019 and 04/04/2024

Applicable Federal Requirement: 6 NYCRR 227-1.2 (a) (1)

Item 64.1:

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 64.2:

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.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.10 pounds per million Btus

Reference Test Method: EPA Method 5



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Facility DEC ID: 6401200053

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 2-HOUR BLOCK AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 65: Compliance Certification

Effective between the dates of 04/05/2019 and 04/04/2024

Applicable Federal Requirement: 6 NYCRR 227-1.3

Item 65.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-AXBLR

Emission Unit: 1-LM25T

Emission Unit: 1-LM60T

Item 65.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Operators of oil-fired boilers which are not exempt from permitting and where a continuous opacity monitor is not utilized for measuring smoke emissions, shall be required to perform the following:

1) Observe the stack for each boiler which is operating on oil 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:

- date and time of day
- observer's name
- identity of emission point
- weather condition
- was a plume observed?

Incident weather conditions shall be recorded for those days when observations are prohibited. 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 firing oil



(the firing of other fuels in between days of firing oil does not count as an interruption in the consecutive days of firing oil), then a 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.

Monitoring Frequency: DAILY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2020.
Subsequent reports are due every 12 calendar month(s).

Condition 66: Compliance Certification
Effective between the dates of 04/05/2019 and 04/04/2024

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

Item 66.1:
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

Item 66.2:
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

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Condition 69: Recordkeeping requirements.

Effective between the dates of 04/05/2019 and 04/04/2024

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

Item 69.1:

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 70: Excess emissions report.

Effective between the dates of 04/05/2019 and 04/04/2024

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

Item 70.1:

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 71: Facility files for subject sources.

Effective between the dates of 04/05/2019 and 04/04/2024

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

Item 71.1:

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

Condition 72: Compliance Certification

Effective between the dates of 04/05/2019 and 04/04/2024

Applicable Federal Requirement:40CFR 60.11, NSPS Subpart A

Item 72.1:

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):

New York State Department of Environmental Conservation

Permit ID: 6-4012-00053/00010

Facility DEC ID: 6401200053



CAS No: 0NY075-00-0 PARTICULATES

Item 72.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

OPACITY STANDARD COMPLIANCE
TESTING

THIS CONDITION APPLIES TO EMISSION UNIT:
1-AXBLLR, EMISSION SOURCE, AUXBL

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.
4. DURING PERIODS OF EXTREME COLD, HUMIDITY, AND/OR BAROMETRIC PRESSURE, WHILE FIRING NATURAL GAS, WHEN THE WATER VAPOR IN THE EXHAUST STREAM CONDENSES UPSTREAM OF THE OPACITY ANALYZER, THE OPACITY STANDARD MAY BE WAIVED FOR THE DURATION OF THE ABOVE OCCURANCE. NOTIFICATION TO THE DEPARTMENT BY LETTER DESCRIBING THE OCCURANCE MUST BE WITHIN 72 HOURS. THE LETTER SHALL ALSO CONTAIN THE PROCEDURE USED TO PROPERLY CONFIRM THIS EVENT.

Manufacturer Name/Model Number: UFI 500C

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA Method 9

Monitoring Frequency: CONTINUOUS

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2019.

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

Condition 73: Compliance Certification

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Effective between the dates of 04/05/2019 and 04/04/2024

Applicable Federal Requirement:40CFR 60.11, NSPS Subpart A

Item 73.1:

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

Emission Unit: 1-LM25T

Emission Unit: 1-LM60T

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 73.2:

Compliance Certification shall include the following monitoring:

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

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



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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 7/30/2019.
Subsequent reports are due every 6 calendar month(s).

Condition 74: Monitoring requirements.
Effective between the dates of 04/05/2019 and 04/04/2024

Applicable Federal Requirement:40CFR 60.13, NSPS Subpart A

Item 74.1:

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

Condition 75: Compliance Certification
Effective between the dates of 04/05/2019 and 04/04/2024

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

Item 75.1:

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
Emission Unit: 1-LM60T Process: 6DG	Emission Source: 000DB
Emission Unit: 1-LM60T Process: 6DO	Emission Source: 000DB

Item 75.2:

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:

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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 7/30/2019.

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

Condition 76: Compliance Certification
Effective between the dates of 04/05/2019 and 04/04/2024

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

Item 76.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-LM25T

Emission Unit: 1-LM60T

Item 76.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of any new turbine constructed after July 8, 2004, and which uses water or steam injection to control NO_x emissions may elect to use either the requirements in paragraph (a) of 40 CFR 60.334 for continuous water or steam to fuel ratio monitoring or may use a NO_x CEMS installed, certified, operated, maintained, and quality-assured as described in paragraph (b) of 40 CFR 60.334.

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2020.

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

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Permit ID: 6-4012-00053/00010

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Condition 77: Compliance Certification

Effective between the dates of 04/05/2019 and 04/04/2024

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

Item 77.1:

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 77.2:

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 78: Applicability

Effective between the dates of 04/05/2019 and 04/04/2024



Applicable Federal Requirement:40CFR 63, Subpart JJJJJJ

Item 78.1:

Facilities that are area sources of HAP with industrial, commercial, or institutional boilers must comply with applicable portions of 40 CFR 63 JJJJJJ.

Condition 79: Applicability
Effective between the dates of 04/05/2019 and 04/04/2024

Applicable Federal Requirement:40CFR 63, Subpart ZZZZ

Item 79.1:

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

Condition 80: Facility Subject to Title IV Acid Rain Regulations and Permitting
Effective between the dates of 04/05/2019 and 04/04/2024

Applicable Federal Requirement:40 CFR Part 72

Item 80.1: This facility is subject to the Title IV Acid Rain Regulations found in 40 CFR Parts 72, 73, 75, 76, 77 and 78. The Acid Rain Permit is an attachment to this permit.

Condition 81: Compliance Certification
Effective between the dates of 04/05/2019 and 04/04/2024

Applicable Federal Requirement:40CFR 97.406, Subpart AAAAA

Item 81.1:

The Compliance Certification activity will be performed for the Facility.

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

Item 81.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(1) The facility shall comply with the requirement to have a designated representative, and may have an alternate designated representative, in accordance with §§97.413 through 97.418 of Subpart AAAAA. The facility shall notify the Department of this representative (and alternative) with contact information upon issuance of this permit and when any changes are made to the representative (or alternative) or their contact information.



(2) The facility, and the designated representative, of each TR NOx Annual source (facility) and each TR NOx Annual Unit at the facility shall comply with the monitoring, reporting, and recordkeeping requirements of §§97.430 through 97.435 of Subpart AAAAA and subpart H of part 75 of this chapter. This includes but is not limited to: requirements for installation, certification, and data accounting for all required monitoring systems; requirements for recording, reporting, and quality-assurance of the data; and certification of compliance of such data. Data from continuous emission monitoring equipment are submitted quarterly (calendar year). These reports are generally due 30 days after the end of a calendar quarter. All other monitoring data are submitted to the DEC semiannually (calendar year). These reports are due on January 30th and July 30th of each year.

(3) The emissions data determined shall be used to calculate allocations of TR NOx Annual allowances and to determine compliance with the TR NOx Annual emissions limitation and assurance provisions. As of the allowance transfer deadline for a control period in a given year, the owners and operators of each TR NOx Annual facility and each TR NOx Annual Unit at the facility shall hold, in the facilities compliance account, TR NOx Annual allowances available for deduction for such control period under §97.424(a) in an amount not less than the tons of total NOx emissions for such control period from all TR NOx Annual Units at the facility.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 82: Compliance Certification
Effective between the dates of 04/05/2019 and 04/04/2024

Applicable Federal Requirement:40CFR 97.606, Subpart CCCCC

Item 82.1:

The Compliance Certification activity will be performed for the Facility.

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

Item 82.2:

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: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(1) The facility shall comply with the requirement to have a designated representative, and may have an alternate designated representative, in accordance with §§97.613 through 97.618 of Subpart CCCCC. The facility shall notify the Department of this representative (and alternative) with contact information upon issuance of this permit and when any changes are made to the representative (or alternative) or their contact information.

(2) The facility, and the designated representative, of each TR SO₂ Group 1 source (facility) and each TR SO₂ Group 1 Unit at the facility shall comply with the monitoring, reporting, and recordkeeping requirements of §§97.630 through 97.635 of Subpart CCCCC and subpart H of part 75 of this chapter. This includes but is not limited to: requirements for installation, certification, and data accounting for all required monitoring systems; requirements for recording, reporting, and quality-assurance of the data; and certification of compliance of such data. Data from continuous emission monitoring equipment are submitted quarterly (calendar year). These reports are generally due 30 days after the end of a calendar quarter. All other monitoring data are submitted to the DEC semiannually (calendar year). These reports are due on January 30th and July 30th of each year.

(3) The emissions data determined shall be used to calculate allocations of TR SO₂ Group 1 allowances and to determine compliance with the TR SO₂ Group 1 emissions limitation and assurance provisions. As of the allowance transfer deadline for a control period in a given year, the owners and operators of each TR SO₂ Group 1 facility and each TR SO₂ Group 1 Unit at the facility shall hold, in the facilities' compliance account, TR SO₂ Group 1 allowances available for deduction for such control period under §97.624(a) in an amount not less than the tons of total SO₂ emissions for such control period from all TR SO₂ Group 1 Units at the facility.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 83: Compliance Certification

Effective between the dates of 04/05/2019 and 04/04/2024

Applicable Federal Requirement:40CFR 97, Subpart EEEEE



Item 83.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

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

Item 83.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

- (1) The facility shall comply with the requirement to have a designated representative, and may have an alternate designated representative, in accordance with §§97.813 through 97.818 of Subpart EEEEE. The facility shall notify the Department of this representative (and alternate) with contact information upon issuance of this permit and when any changes are made to the representative (or alternate) or their contact information.
- (2) The facility, and the designated representative, of each CSAPR NO_x Ozone Season source (facility) and each CSAPR NO_x Ozone Season Unit at the facility must comply with the monitoring, reporting, and recordkeeping requirements of §§97.830 through 97.835 of Subpart EEEEE and subpart H of part 75 of this chapter. This includes but is not limited to: requirements for installation, certification, and data accounting for all required monitoring systems; requirements for recording, reporting, and quality assurance of the data; and certification of compliance of such data. Data from continuous emission monitoring equipment are to be submitted quarterly (calendar year). These reports are generally due 30 days after the end of a calendar quarter. All other monitoring data are to be submitted to the DEC semiannually (calendar year). These reports are due on January 30th and July 30th of each year.
- (3) The emissions data determined shall be used to calculate allocations of CSAPR NO_x Ozone Season allowances and to determine compliance with the CSAPR NO_x Ozone Season emissions limitation and assurance provisions. As of the allowance transfer deadline for a control period in a given year, the owners and operators of each CSAPR NO_x Ozone Season facility and each CSAPR NO_x Ozone Season Unit at the facility shall hold, in the facilities compliance account, CSAPR NO_x Ozone Season allowances available for deduction for such control period under §97.824(a) in an amount not less than the tons of total NO_x emissions for such control period from all CSAPR NO_x Ozone Season Units at the facility.



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: AS REQUIRED - SEE MONITORING DESCRIPTION

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

Condition 84: Emission Point Definition By Emission Unit
Effective between the dates of 04/05/2019 and 04/04/2024

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 84.1:

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 84.2:

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.): 4952.587

NYTME (km.): 464.998

Building: 1

Item 84.3:

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.): 4952.587

NYTME (km.): 464.998

Building: 1

Condition 85: Process Definition By Emission Unit
Effective between the dates of 04/05/2019 and 04/04/2024

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 85.1:

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.

New York State Department of Environmental Conservation

Permit ID: 6-4012-00053/00010

Facility DEC ID: 6401200053



Fuel is expected to be 99% biodiesel.

Emission Source/Control: AUXBL - Combustion

Design Capacity: 96 million Btu per hour

Item 85.2:

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

Process Description: ZURN KEYSTONE AUXILIARY BOILER FIRING NATURAL GAS.

Emission Source/Control: AUXBL - Combustion

Design Capacity: 96 million Btu per hour

Item 85.3:

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 85.4:

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 85.5:

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:

Cleaver Brooks Auxiliary Boiler firing natural gas.

Emission Source/Control: AUXB2 - Combustion

Design Capacity: 77.3 million BTUs per hour

Item 85.6:

New York State Department of Environmental Conservation

Permit ID: 6-4012-00053/00010

Facility DEC ID: 6401200053



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:
Cleaver Brooks Auxiliary Boiler firing distillate oil

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

Item 85.7:

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 85.8:

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 85.9:

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.



New York State Department of Environmental Conservation

Permit ID: 6-4012-00053/00010

Facility DEC ID: 6401200053

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 85.10:

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 85.11:

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

New York State Department of Environmental Conservation

Permit ID: 6-4012-00053/00010

Facility DEC ID: 6401200053



Item 85.12:

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.

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 86: Process Permissible Emissions
Effective between the dates of 04/05/2019 and 04/04/2024

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 86.1:

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

New York State Department of Environmental Conservation

Permit ID: 6-4012-00053/00010

Facility DEC ID: 6401200053



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

New York State Department of Environmental Conservation

Permit ID: 6-4012-00053/00010

Facility DEC ID: 6401200053



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
0.2 pounds per million Btus
21,463 pounds per year

Emission Unit: 1-AXBLR 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-AXBLR 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

New York State Department of Environmental Conservation

Permit ID: 6-4012-00053/00010

Facility DEC ID: 6401200053



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

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 87: Compliance Certification

Effective between the dates of 04/05/2019 and 04/04/2024

Applicable Federal Requirement: 6 NYCRR 200.7

Item 87.1:

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 87.2:

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



New York State Department of Environmental Conservation

Permit ID: 6-4012-00053/00010

Facility DEC ID: 6401200053

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 88: Exemption from sulfur dioxide monitoring requirements.
Effective between the dates of 04/05/2019 and 04/04/2024**

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

Item 88.1:

This Condition applies to Emission Unit: 1-AXBLR

Process: BXB

Emission Source:

AUXB2

Item 88.2:

Facilities subject to paragraphs 40 CFR 60-Dc.42c(h)(1), (2), or (3) showing compliance through vendor certification shall be exempt from section 40 CFR 60-Dc.46c.

**Condition 89: Exemption from sulfur dioxide monitoring requirements.
Effective between the dates of 04/05/2019 and 04/04/2024**

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

Item 89.1:

This Condition applies to Emission Unit: 1-AXBLR

Process: BXO

Emission

Source: AUXB2

Item 89.2:

Facilities subject to paragraphs 40 CFR 60-Dc.42c(h)(1), (2), or (3) showing compliance through vendor certification shall be exempt from section 40 CFR 60-Dc.46c.

**Condition 90: Compliance Certification
Effective between the dates of 04/05/2019 and 04/04/2024**

Applicable Federal Requirement:6 NYCRR 200.7

Item 90.1:

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 90.2:



New York State Department of Environmental Conservation

Permit ID: 6-4012-00053/00010

Facility DEC ID: 6401200053

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 91: Compliance Certification

Effective between the dates of 04/05/2019 and 04/04/2024

Applicable Federal Requirement:6 NYCRR 200.7

Item 91.1:

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 91.2:

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: 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 92: Compliance Certification

Effective between the dates of 04/05/2019 and 04/04/2024

Applicable Federal Requirement:6 NYCRR 200.7

Item 92.1:

New York State Department of Environmental Conservation

Permit ID: 6-4012-00053/00010

Facility DEC ID: 6401200053



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 92.2:

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: Emergency Defense - 6 NYCRR 201-1.5

An emergency, as defined by subpart 201-2, constitutes an affirmative defense to penalties sought in an enforcement action brought by the Department for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

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

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

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

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

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

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

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

Item B: General Provisions for State Enforceable Permit Terms and Condition - 6 NYCRR Part 201-5

Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all criteria, emission limits, terms, conditions, and



standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

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

STATE ONLY APPLICABLE REQUIREMENTS

The following conditions are state applicable requirements and are not subject to compliance certification requirements unless otherwise noted or required under 6 NYCRR Part 201.

Condition 93: Contaminant List
Effective between the dates of 04/05/2019 and 04/04/2024

Applicable State Requirement:ECL 19-0301

Item 93.1:

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 94: Malfunctions and start-up/shutdown activities
Effective between the dates of 04/05/2019 and 04/04/2024

Applicable State Requirement:6 NYCRR 201-1.4

Item 94.1:

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

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

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

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

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

Condition 95: Air pollution prohibited
Effective between the dates of 04/05/2019 and 04/04/2024

Applicable State Requirement:6 NYCRR 211.1

Item 95.1:

No person shall cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity, characteristic or duration which are injurious to human, plant or animal life or to



property, or which unreasonably interfere with the comfortable enjoyment of life or property. Notwithstanding the existence of specific air quality standards or emission limits, this prohibition applies, but is not limited to, any particulate, fume, gas, mist, odor, smoke, vapor, pollen, toxic or deleterious emission, either alone or in combination with others.

Condition 96: Compliance Demonstration
Effective between the dates of 04/05/2019 and 04/04/2024

Applicable State Requirement: 6 NYCRR 242-1.5

Item 96.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 96.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owners and operators and, to the extent applicable, the CO₂ authorized account representative of each CO₂ budget source and each CO₂ budget unit at the source shall comply with the monitoring requirements of Subpart 242-8. The emissions measurements recorded and reported in accordance with Subpart 242-8 of this Part shall be used to determine compliance by the unit with the following CO₂ requirements:

(1) The owners and operators of each CO₂ budget source and each CO₂ budget unit at the source shall hold CO₂ allowances available for compliance deductions under Section 242-6.5, as of the CO₂ allowance transfer deadline, in the source's compliance account in an amount not less than the total CO₂ emissions for the control period from all CO₂ budget units at the source, as determined in accordance with Subparts 242-6 and 242-8.

(2) Each ton of CO₂ emitted in excess of the CO₂ budget emissions limitation shall constitute a separate violation of this Part and applicable state law.

(3) A CO₂ 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) CO₂ allowances shall be held in, deducted from, or transferred among CO₂ Allowance Tracking System accounts in accordance with Subparts 242-5, 242-6, and 242-7, and Section 242-10.7.

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(5) A CO2 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 CO2 allowance was allocated. A CO2 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 CO2 allowance under the CO2 Budget Trading Program is a limited authorization by the Department or a participating state to emit one ton of CO2 in accordance with the CO2 Budget Trading Program. No provision of the CO2 Budget Trading Program, the CO2 budget permit application, or the CO2 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 CO2 allowance under the CO2 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 7/30/2019.

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

Condition 97: Compliance Demonstration
Effective between the dates of 04/05/2019 and 04/04/2024

Applicable State Requirement:6 NYCRR 242-1.5

Item 97.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 97.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owners and operators of the CO2 budget source and each CO2 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 CO2 authorized account representative for the source and each

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CO2 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 CO2 Budget Trading Program.

(iv) Copies of all documents used to complete a CO2 budget permit application and any other submission under the CO2 Budget Trading Program or to demonstrate compliance with the requirements of the CO2 Budget Trading Program.

The CO2 authorized account representative of a CO2 budget source and each CO2 budget unit at the source shall submit the reports and compliance certifications required under the CO2 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 7/30/2019.

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

Condition 98: Compliance Demonstration
Effective between the dates of 04/05/2019 and 04/04/2024

Applicable State Requirement:6 NYCRR Subpart 242-4

Item 98.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000124-38-9 CARBON DIOXIDE

Item 98.2:

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

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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 99: Compliance Demonstration
Effective between the dates of 04/05/2019 and 04/04/2024

Applicable State Requirement:6 NYCRR Subpart 242-8

Item 99.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000124-38-9 CARBON DIOXIDE

Item 99.2:

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 CO2 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 CO2 budget unit shall submit a monitoring plan in the manner prescribed in 40 CFR 75.62.



(c) Certification applications. The CO₂ authorized account representative shall submit an application to the department within 45 days after completing all CO₂ 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 CO₂ authorized account representative shall submit quarterly reports, as follows:

(1) The CO₂ authorized account representative shall report the CO₂ mass emissions data and heat input data for the CO₂ budget unit, in an electronic format prescribed by the administrator unless otherwise prescribed by the department for each calendar quarter.

(2) The CO₂ 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 CO₂ 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_x, and SO₂ provisions.

(3) The CO₂ 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 CO₂ 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 CO₂ emissions; and

(iii) the CO₂ concentration values substituted for missing data under Subpart D of 40 CFR part 75 do not systematically underestimate CO₂ emissions.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)



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Reports due 30 days after the reporting period.
The initial report is due 7/30/2019.
Subsequent reports are due every 3 calendar month(s).

Condition 100: Compliance Demonstration
Effective between the dates of 04/05/2019 and 04/04/2024

Applicable State Requirement:6 NYCRR 251.6 (d)

Item 100.1:
The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 000124-38-9 CARBON DIOXIDE

Item 100.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The owner or operator that utilizes vendor certified fuel receipts to monitor the Btu content of a fuel must maintain these receipts in a bound log book. The owner or operator must maintain all records associated with these requirements on site or at a location acceptable to the Department for a minimum of five years.

Monitoring Frequency: PER DELIVERY
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2019.
Subsequent reports are due every 3 calendar month(s).

**** Emission Unit Level ****

Condition 101: Compliance Demonstration
Effective between the dates of 04/05/2019 and 04/04/2024

Applicable State Requirement:6 NYCRR 251.3 (a)

Item 101.1:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: 1-AXBLR

Emission Unit: 1-LM25T

Regulated Contaminant(s):
CAS No: 000124-38-9 CARBON DIOXIDE

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Item 101.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Owners or operators of boilers that are permitted to fire greater than 70 percent fossil fuel, combined cycle combustion turbines, or stationary internal combustion engines that fire only gaseous fuel, except for those emission sources directly attached to a gasifier, are required to meet an emission rate of 120 pounds of CO₂ per million Btu of input (input-based limit). These emission limits are measured on a 12-month rolling average basis, calculated by dividing the annual total of CO₂ emissions over the relevant 12-month period by the annual total Btus (input-based limit) fired. The owner or operator must maintain all records associated with these requirements on site or at a location acceptable to the Department for a minimum of five years.

Manufacturer Name/Model Number: CO₂ Continuous Monitor

Parameter Monitored: CARBON DIOXIDE

Upper Permit Limit: 120 pounds per million Btus

Monitoring Frequency: CONTINUOUS

Averaging Method: 12 MONTH AVERAGE - ROLLED MONTHLY

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2019.

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