



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

**IDENTIFICATION INFORMATION**

Permit Type: Air Title V Facility  
Permit ID: 7-0348-00027/00011  
Effective Date: 12/02/2013 Expiration Date: 12/01/2018

Permit Issued To: STATE UNIVERSITY OF NEW YORK  
STATE UNIVERSITY PLAZA  
381 BROADWAY  
ALBANY, NY 12246

Contact: SANDY S DE JOHN  
SUNY AT BINGHAMTON  
PO BOX 6000  
BINGHAMTON, NY 13902-6000  
(607) 777-4017

Facility: SUNY AT BINGHAMTON  
4400 VESTAL PKWY E  
BINGHAMTON, NY 13902

Description:  
Title V Renewal

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: JOSEPH M DLUGOLENSKI  
1285 FISHER AVE  
CORTLAND, NY 13045-1090

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 7 HEADQUARTERS



**DEC GENERAL CONDITIONS**

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

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

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

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

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

**Item 1.1:**

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

**Item 1.2:**

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

**Item 1.3:**

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

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

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

**Item 2.1:**

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

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

**Applicable State Requirement: 6 NYCRR 621.11**

**Item 3.1:**

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

**Item 3.2:**

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

**Item 3.3:**

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



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

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

**Item 4.1:**

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

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

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

**Condition 5: Submission of application for permit modification or renewal-REGION 7 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 7 Headquarters  
Division of Environmental Permits  
615 Erie Blvd West  
Syracuse, NY 13204-2400  
(315) 426-7400

**New York State Department of Environmental Conservation**

Permit ID: 7-0348-00027/00011

Facility DEC ID: 7034800027



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

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

**IDENTIFICATION INFORMATION**

Permit Issued To: STATE UNIVERSITY OF NEW YORK  
STATE UNIVERSITY PLAZA  
381 BROADWAY  
ALBANY, NY 12246

Facility: SUNY AT BINGHAMTON  
4400 VESTAL PKWY E  
BINGHAMTON, NY 13902

Authorized Activity By Standard Industrial Classification Code:  
8221 - COLLEGES AND UNIVERSITIES, NEC

Permit Effective Date: 12/02/2013

Permit Expiration Date: 12/01/2018



## LIST OF CONDITIONS

### FEDERALLY ENFORCEABLE CONDITIONS

#### Facility Level

- 1 6 NYCRR 200.6: Acceptable Ambient Air Quality
- 2 6 NYCRR 201-6.4 (a) (7): Fees
- 3 6 NYCRR 201-6.4 (c): Recordkeeping and Reporting of Compliance Monitoring
- 4 6 NYCRR 201-6.4 (c) (2): Records of Monitoring, Sampling, and Measurement
- 5 6 NYCRR 201-6.4 (c) (3) (ii): Compliance Certification
- 6 6 NYCRR 201-6.4 (e): Compliance Certification
- 7 6 NYCRR 202-2.1: Compliance Certification
- 8 6 NYCRR 202-2.5: Recordkeeping requirements
- 9 6 NYCRR 215.2: Open Fires - Prohibitions
- 10 6 NYCRR 200.7: Maintenance of Equipment
- 11 6 NYCRR 201-1.7: Recycling and Salvage
- 12 6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 13 6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
- 14 6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
- 15 6 NYCRR 201-6.4 (a) (4): Requirement to Provide Information
- 16 6 NYCRR 201-6.4 (a) (8): Right to Inspect
- 17 6 NYCRR 201-6.4 (f) (6): Off Permit Changes
- 18 6 NYCRR 202-1.1: Required Emissions Tests
- 19 40 CFR Part 68: Accidental release provisions.
- 20 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 21 6 NYCRR Subpart 201-6: Emission Unit Definition
- 22 6 NYCRR 201-6.4 (d) (4): Progress Reports Due Semiannually
- 23 6 NYCRR Subpart 201-7: Facility Permissible Emissions
- \*24 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*25 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 26 6 NYCRR 211.1: Air pollution prohibited
- 27 6 NYCRR 225-1.2: Compliance Certification
- 28 6 NYCRR 225-1.2: Compliance Certification
- 29 6 NYCRR 225-1.2: Compliance Certification
- 30 6 NYCRR 225-1.2: Compliance Certification
- 31 6 NYCRR 227-1.2 (c): Compliance Certification
- 32 6 NYCRR 227-1.2 (c): Compliance Certification
- 33 6 NYCRR 227-1.3: Compliance Certification
- 34 6 NYCRR 231-11.2 (c): Compliance Certification
- 35 40CFR 60, NSPS Subpart IIII: Compliance Certification
- 36 40CFR 60, NSPS Subpart JJJJ: Compliance Certification
- 37 40CFR 63, Subpart CCCCCC: Compliance Certification
- 38 40CFR 63, Subpart JJJJJJ: Compliance Certification
- 39 40CFR 63.11200, Subpart JJJJJJ: Compliance Certification
- 40 40CFR 63.11201(b), Subpart JJJJJJ: Compliance Certification
- 41 40CFR 63.11201(b), Subpart JJJJJJ: Compliance Certification
- 42 40CFR 63.11225(a), Subpart JJJJJJ: Compliance Certification
- 43 40CFR 63.11225(b), Subpart JJJJJJ: Compliance Certification

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- 44 40CFR 63.11225(c), Subpart JJJJJ: Compliance Certification
- 45 40CFR 63.11225(d), Subpart JJJJJ: Compliance Certification
- 46 40CFR 63, Subpart ZZZZ: Compliance Certification
- 47 40 CFR Part 64: Compliance Certification

**Emission Unit Level**

- 48 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
- 49 6 NYCRR Subpart 201-6: Process Definition By Emission Unit

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 50 ECL 19-0301: Contaminant List
- 51 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities

NOTE: \* preceding the condition number indicates capping.



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

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

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

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

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

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

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

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

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

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

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

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

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



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

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

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

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

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

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

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

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

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

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

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

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



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

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

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

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

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

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

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

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



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

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

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

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

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

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

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

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



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

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

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

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

**Condition 1: Acceptable Ambient Air Quality**  
**Effective between the dates of 12/02/2013 and 12/01/2018**

**Applicable Federal Requirement:6 NYCRR 200.6**

**Item 1.1:**  
Notwithstanding the provisions of 6 NYCRR Chapter III, Subchapter A, no person shall allow or permit any air contamination source to emit air contaminants in quantities which alone or in combination with emissions from other air contamination sources would contravene any applicable ambient air quality standard and/or cause air pollution. In such cases where contravention occurs or may occur, the Commissioner shall specify the degree and/or method of emission control required.

**Condition 2: Fees**  
**Effective between the dates of 12/02/2013 and 12/01/2018**

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

**Item 2.1:**  
The owner and/or operator of a stationary source shall pay fees to the Department consistent with the fee schedule authorized by ECL 72-0303.

**Condition 3: Recordkeeping and Reporting of Compliance Monitoring**  
**Effective between the dates of 12/02/2013 and 12/01/2018**

**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 12/02/2013 and 12/01/2018**

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

**Item 4.1:**

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

**Condition 5: Compliance Certification  
Effective between the dates of 12/02/2013 and 12/01/2018**

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

**Item 5.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 5.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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



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

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

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

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



Hotline phone number at 1-800-457-7362 shall be used. A written notice, certified by a responsible official consistent with 6 NYCRR Part 201-6.2(d)(12), must be submitted within 10 working days of an occurrence for deviations reported under (1) and (2). All deviations reported under paragraphs (1) and (2) of this section must also be identified in the 6 month monitoring report required above.

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

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

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

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

Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2014.  
Subsequent reports are due every 12 calendar month(s).



**Condition 6: Compliance Certification**  
**Effective between the dates of 12/02/2013 and 12/01/2018**

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

**Item 6.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 6.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

**New York State Department of Environmental Conservation**

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Facility DEC ID: 7034800027



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

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

The address for the RAPCE is as follows:

NYSDEC Region 7 Headquarters  
615 Erie Boulevard, West  
Syracuse, NY 13204-2400

The address for the BQA is as follows:

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

Monitoring Frequency: ANNUALLY  
Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2014.  
Subsequent reports are due on the same day each year

**Condition 7: Compliance Certification**  
**Effective between the dates of 12/02/2013 and 12/01/2018**

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

**Item 7.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 7.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES  
Monitoring Description:

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

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 12/02/2013 and 12/01/2018**

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

**Item 8.1:**

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

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

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

**Condition 9: Open Fires - Prohibitions**  
**Effective between the dates of 12/02/2013 and 12/01/2018**

**Applicable Federal Requirement:6 NYCRR 215.2**

**Item 9.1:**

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

**Item 9.2**

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

- (a) On-site burning in any town with a total population less than 20,000 of downed limbs and branches (including branches with attached leaves or needles) less than six inches in diameter and eight feet in length between May 15th and the following March 15th. For the purposes of this subdivision, the total population of a town shall include the population of any village or portion thereof located within the town. However, this subdivision shall not be construed to allow burning within any village.
- (b) Barbecue grills, maple sugar arches and similar outdoor cooking devices when actually used for cooking or processing food.
- (c) Small fires used for cooking and camp fires provided that only charcoal or untreated wood is used as fuel and the fire is not left unattended until extinguished.
- (d) On-site burning of agricultural wastes as part of a valid agricultural operation on contiguous agricultural lands larger than five acres actively devoted to agricultural or horticultural use, provided such waste is actually grown or generated on those lands and such waste is capable of being fully burned within a 24-hour period.
- (e) The use of liquid petroleum fueled smudge pots to prevent frost damage to crops.
- (f) Ceremonial or celebratory bonfires where not otherwise prohibited by law, provided that only 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 12/02/2013 and 12/01/2018**

**Applicable Federal Requirement:6 NYCRR 200.7**

**Item 10.1:**

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

**Condition 11: Recycling and Salvage**  
**Effective between the dates of 12/02/2013 and 12/01/2018**

**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 12/02/2013 and 12/01/2018**

**Applicable Federal Requirement:6 NYCRR 201-1.8**

**Item 12.1:**

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

**Condition 13: Exempt Sources - Proof of Eligibility**

**Effective between the dates of 12/02/2013 and 12/01/2018**

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

**Item 13.1:**

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

**Condition 14: Trivial Sources - Proof of Eligibility**

**Effective between the dates of 12/02/2013 and 12/01/2018**

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

**Item 14.1:**

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

**Condition 15: Requirement to Provide Information**

**Effective between the dates of 12/02/2013 and 12/01/2018**

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

**Item 15.1:**

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

**Condition 16: Right to Inspect**

**Effective between the dates of 12/02/2013 and 12/01/2018**

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



**Item 16.1:**

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

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

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

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

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

**Condition 17: Off Permit Changes**

**Effective between the dates of 12/02/2013 and 12/01/2018**

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

**Item 17.1:**

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

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

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

**Condition 18: Required Emissions Tests**

**Effective between the dates of 12/02/2013 and 12/01/2018**

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

**Item 18.1:**



**New York State Department of Environmental Conservation**

Permit ID: 7-0348-00027/00011

Facility DEC ID: 7034800027



**Item 21.1:**

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

Emission Unit: U-0001A

Emission Unit Description:

30 mmBtu/hr coal/gas high temperature hot water generator manufactured by International Boiler Works. The generator is equipped with Detroit Stoker vibra-grate coal stokers.

Building(s): 23

**Item 21.2:**

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

Emission Unit: U-0002A

Emission Unit Description:

70 mmBtu/hr coal/gas fired high temperature hot water generator (IBW) with Detroit Stoker vibra-grate system.

Building(s): 23

**Item 21.3:**

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

Emission Unit: U-0003A

Emission Unit Description:

70 mmBtu/hr heat input IBW high temperature hot water generator equipped with Detroit Stoker vibra-grate system.

Building(s): 23

**Item 21.4:**

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

Emission Unit: U-0004A

Emission Unit Description:

70 mmBtu/hr heat input IBW high temperature hot water generator equipped with Detroit Stoker vibra-grate system.

Building(s): 23

**Item 21.5:**

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

Emission Unit: U-0005A

Emission Unit Description:

One 50 mmBtu/hr flare stack burning propane. The flare is operated for about 15 minutes at start-up, 100 hours/year.

This flare is part of a liquid propane/air standby system capable of supplying 150 mmBtu/hr of LPG/air compatible with the natural gas supply system. Four aqua-blend (WBV 1600V) 30,000 gallon (maintained at 80% capacity) propane tanks act as a backup for emergency campus energy uses.



There are also two flares, rated at 2.24 mmBtu/hr, using propane, that operate from November-April. These flares are exempt combustion devices.

Building(s): 130  
23

**Condition 22: Progress Reports Due Semiannually**  
**Effective between the dates of 12/02/2013 and 12/01/2018**

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

**Item 22.1:**

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 23: Facility Permissible Emissions**  
**Effective between the dates of 12/02/2013 and 12/01/2018**

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

**Item 23.1:**

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: 007647-01-0 PTE: 20,000 pounds per year  
Name: HYDROGEN CHLORIDE

CAS No: 0NY210-00-0 PTE: 190,000 pounds per year  
Name: OXIDES OF NITROGEN

**Condition 24: Capping Monitoring Condition**  
**Effective between the dates of 12/02/2013 and 12/01/2018**

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

**Item 24.1:**

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 227-2

**Item 24.2:**

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

**Item 24.3:**

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 24.4:**

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 24.5:**

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 24.6:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

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

**Item 24.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Facility-wide emissions of oxides of nitrogen shall not exceed 95 tons/year, computed for each consecutive 12 month rolling period. Emissions will be calculated utilizing the following equations and emission factors:

Distillate oil firing: Tons NO<sub>x</sub> = (gallons of distillate oil fired)x(20 pounds NO<sub>x</sub>/1000 gallons of oil)/2000.

Coal firing in Units 1, 2 and 3: Tons NO<sub>x</sub> = (tons of coal or coal/wood fired)x(14.5 lb NO<sub>x</sub>/ton coal)/2000.



Coal firing in Unit 4: Tons NO<sub>x</sub> = (tons of coal or coal/wood fired)x(10.0 lb NO<sub>x</sub>/ton coal)/2000.

Wood and coal-wood co-firing in Units 1-4: Tons NO<sub>x</sub> = (tons of wood or coal/wood fired)x(12.6 lb NO<sub>x</sub>/ton fuel)/2000.

Natural gas combustion: (million cubic feet natural gas/month)x(140 lb NO<sub>x</sub> /MMcf Natural gas)/2000

Propane: (gallons or propane fired) x (19 pounds/1000 gallons)/2000

Facility-wide emissions shall be computed as the sum of emissions from distillate oil, natural gas, residual oil, propane and coal combustion. When so requested by the DEC in accordance with 6 NYCRR Part 202-1, the owners or operators shall determine site-specific emissions factors. Testing shall be done in accordance with the time frames and procedures of 6 NYCRR 202-1. Upon DEC approval of the emission test report, the owners or operators shall compute emissions using the revised factors.

The owners or operators shall provide to the DEC these data for each consecutive 12 month rolling period (in that reporting period) in the annual compliance certification. If annual NO<sub>x</sub> emissions exceed the cap at any time, the owners or operators shall submit a notice (in writing) to the DEC within 30 days of such excess emissions.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 95 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

**Condition 25: Capping Monitoring Condition**  
**Effective between the dates of 12/02/2013 and 12/01/2018**

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

**Item 25.1:**

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

6 NYCRR Subpart 201-6



**Item 25.2:**

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

**Item 25.3:**

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

**Item 25.4:**

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

**Item 25.5:**

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

**Item 25.6:**

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

Emission Unit: U-0001A

Emission Unit: U-0002A

Emission Unit: U-0003A

Emission Unit: U-0004A

Regulated Contaminant(s):

CAS No: 007647-01-0      HYDROGEN CHLORIDE

**Item 25.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

1. The facility shall not cause or allow the emissions of hydrogen chloride in excess of 9.5 tons per year for each and any 12 month rolling annual period.
2. Within 60 days of the effective date of this permit,



the owner or operator shall submit to the DEC a plan to sample and analyze emissions of chlorine in the coal and wood fuel it combusts. Fuel may be sampled and analyzed by the owner or the fuel supplier for each delivery received.

3. For each calendar month, the owner or operator shall record the amount of coal and wood combusted in the hot water generators.

4. For each calendar month, the owner or operator shall compute the actual emissions of HCl emitted from the facility, assuming all fuel bound chlorine is emitted as HCl. Emissions shall be computed using the fuel sampling and analysis data and the quantity of coal and wood combusted in the hot water generators.

5. On an annual basis, emissions of HCl computed from solid fuel firing shall be compared against emissions that would result based of purchase records.

On a semi-annual basis, the owner or operator shall submit to the DEC, in the semi-annual certification, a report of annual emissions and whether he or she has complied with this requirement. Additionally, in the event that HCl emissions during any 12 month rolling period exceed 9.5 tons, the owner or operator shall submit to the DEC a report of such excess emissions as soon as possible, but no later than two business days after becoming aware of such excess emission.

Parameter Monitored: HYDROGEN CHLORIDE

Upper Permit Limit: 9.5 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

**Condition 26: Air pollution prohibited**  
**Effective between the dates of 12/02/2013 and 12/01/2018**

**Applicable Federal Requirement:6 NYCRR 211.1**

**Item 26.1:**

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 27: Compliance Certification**  
Effective between the dates of 12/02/2013 and 12/01/2018

**Applicable Federal Requirement: 6 NYCRR 225-1.2**

**Item 27.1:**

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

Emission Unit: U-0001A  
Process: 002

Emission Unit: U-0002A  
Process: A22

Emission Unit: U-0003A  
Process: 006

Emission Unit: U-0004A  
Process: 008

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

**Item 27.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

This condition is applicable to the use of coal at the facility.

No person will sell, offer for sale, purchase or use coal which contains sulfur in a quantity exceeding the following limitations:

For each consecutive twelve month period: 1.7 pounds/mmBtu, computed on a BTU-weighted basis. The total sulfur content shall be divided by the total heat content.

Sampling and analysis shall be conducted in accordance with a coal sampling and analysis plan approved by the DEC. The owner or operator shall submit to the DEC a fuel sampling plan within 60 days of receipt of this permit. BTU-weighted calculations are not required if all samples are below 1.7 pounds sulfur per million BTU.

On a semi-annual basis, the owner or operator shall submit

**New York State Department of Environmental Conservation**

Permit ID: 7-0348-00027/00011

Facility DEC ID: 7034800027



to the DEC a report stating whether it has conducted sampling and analysis in accordance with that plan, and whether it has met the limits stated above. Additionally, the owners or operators shall submit to the DEC a report of excess emissions within 30 days of receipt of any analyses showing coal containing sulfur in excess of the above limits.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: BITUMINOUS COAL

Parameter Monitored: SULFUR

Upper Permit Limit: 1.7 pounds per million Btus

Reference Test Method: ASTM

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

**DESCRIPTION**

Averaging Method: 12-month rolling average

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

**Condition 28: Compliance Certification**

**Effective between the dates of 12/02/2013 and 12/01/2018**

**Applicable Federal Requirement: 6 NYCRR 225-1.2**

**Item 28.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-0001A

Process: 002

Emission Unit: U-0002A

Process: A22

Emission Unit: U-0003A

Process: 006

Emission Unit: U-0004A

Process: 008

Regulated Contaminant(s):

CAS No: 007446-09-5      SULFUR DIOXIDE

**Item 28.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:



This condition is applicable to the use of coal at the facility.

No person will sell, offer for sale, purchase or use coal which contains sulfur in a quantity exceeding the following limitations:

For each consecutive three month period: 1.9 pounds/mmBtu, computed on a BTU-weighted dry basis. The total sulfur content shall be divided by the total heat content.

Sampling and analysis shall be conducted in accordance with a coal sampling and analysis plan approved by the DEC. The owner or operator shall submit to the DEC a fuel sampling plan within 60 days of receipt of this permit. BTU-weighted calculations are not required if all samples are below 1.7 pounds sulfur per million BTU.

On a semi-annual basis, the owner or operator shall submit to the DEC a report stating whether it has conducted sampling and analysis in accordance with that plan, and whether it has met the limits stated above. Additionally, the owners or operators shall submit to the DEC a report of excess emissions within 30 days of receipt of any analyses showing coal containing sulfur in excess of the above limits.

Work Practice Type: PARAMETER OF PROCESS MATERIAL  
Process Material: BITUMINOUS COAL  
Parameter Monitored: SULFUR  
Upper Permit Limit: 1.7 pounds per million Btus  
Reference Test Method: ASTM  
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION  
Averaging Method: 3-MONTH AVERAGE ROLLED MONTHLY  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2014.  
Subsequent reports are due every 6 calendar month(s).

**Condition 29: Compliance Certification**  
**Effective between the dates of 12/02/2013 and 12/01/2018**

**Applicable Federal Requirement: 6 NYCRR 225-1.2**

**Item 29.1:**  
The Compliance Certification activity will be performed for the facility:  
The Compliance Certification applies to:

Emission Unit: U-0001A

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Permit ID: 7-0348-00027/00011

Facility DEC ID: 7034800027



Process: 002

Emission Unit: U-0002A

Process: A22

Emission Unit: U-0003A

Process: 006

Emission Unit: U-0004A

Process: 008

Regulated Contaminant(s):

CAS No: 007446-09-5      SULFUR DIOXIDE

**Item 29.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

This condition is applicable to the use of coal at the facility.

No person will sell, offer for sale, purchase or use coal which contains sulfur in a quantity exceeding the following limitations:

For each grab sample, 2.5 pounds/mmBtu, dry basis.

Sampling and analysis shall be conducted in accordance with a coal sampling and analysis plan approved by the DEC. The owner or operator shall submit to the DEC a fuel sampling plan within 60 days of receipt of this permit. BTU-weighted calculations are not required if all samples are below 1.7 pounds sulfur per million BTU.

On a semi-annual basis, the owner or operator shall submit to the DEC a report stating whether it has conducted sampling and analysis in accordance with that plan, and whether it has met the limits stated above. Additionally, the owners or operators shall submit to the DEC a report of excess emissions within 30 days of receipt of any analyses showing coal containing sulfur in excess of the above limits.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: BITUMINOUS COAL

Parameter Monitored: SULFUR

Upper Permit Limit: 2.5 pounds per million Btus

Reference Test Method: ASTM



Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

**Condition 30: Compliance Certification**  
Effective between the dates of 12/02/2013 and 12/01/2018

**Applicable Federal Requirement: 6 NYCRR 225-1.2**

**Item 30.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 30.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The facility uses only small amounts of fuel oil. This regulation limits the amount of sulfur allowed in the fuel oil. Because the fuel oil used by the facility is required, by specification, to contain sulfur at or below the allowable limit, the owner or operator shall be required to demonstrate compliance upon the request of the DEC.

No person will sell, offer for sale, purchase, or fire any fuel which exceeds the sulfur-in-fuel limitations stated below.

1. Owners and/or operators of any stationary combustion installation that fires oil are limited to the firing of oil with a sulfur content of 1.5% sulfur, by weight, through June 30, 2014.

2. Owners and/or operators of commercial, industrial, or residential emission sources that fire number two heating oil on or after July 1, 2012 are limited to the purchase of number two heating oil with 0.0015 percent sulfur by weight or less.

3. Owners and/or operators of a stationary combustion installation that fires distillate oil other than number two heating oil are limited to the purchase of distillate oil with 0.0015 percent sulfur by weight or less on or after July 1, 2014.





Emission Unit: U-0002A  
Process: 02W

Emission Unit: U-0002A  
Process: A22

Emission Unit: U-0003A  
Process: 006

Emission Unit: U-0003A  
Process: 03W

Emission Unit: U-0004A  
Process: 008

Emission Unit: U-0004A  
Process: 04W

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

**Item 31.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The owner or operator shall not cause or allow emissions of particulates from the High Temperature Hot Water Generators Units 2, 3 or 4 in excess of 0.60 pounds/mmBtu as measured using EPA Method 5.

Compliance shall be determined through stack testing conducted at least once per permit term, and at any other time as requested by the DEC. Testing shall be conducted in accordance with a test protocol approved by the DEC. A report of emissions shall be submitted to the DEC, in triplicate, within 30 days of completion of such testing.

Upper Permit Limit: 0.60 pounds per million Btus

Reference Test Method: EPA Method 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 32: Compliance Certification**  
**Effective between the dates of 12/02/2013 and 12/01/2018**

**Applicable Federal Requirement: 6 NYCRR 227-1.2 (c)**

**New York State Department of Environmental Conservation**

Permit ID: 7-0348-00027/00011

Facility DEC ID: 7034800027



**Item 32.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-0001A

Process: 002

Emission Unit: U-0001A

Process: 01W

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 32.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The owner or operator shall not cause or allow emissions of particulates from the High Temperature Hot Water Generators Unit 1 in excess of 0.60 pounds/mmBtu as measured using EPA Method 5.

Compliance shall be determined through stack testing conducted at least once per permit term, and at any other time as requested by the DEC. Testing shall be conducted in accordance with a test protocol approved by the DEC. A report of emissions shall be submitted to the DEC, in triplicate, within 30 days of completion of such testing.

Upper Permit Limit: 0.60 pounds per million Btus

Reference Test Method: EPA Method 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 33: Compliance Certification**

**Effective between the dates of 12/02/2013 and 12/01/2018**

**Applicable Federal Requirement:6 NYCRR 227-1.3**

**Item 33.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-0001A

Process: 002

Emission Unit: U-0001A

Process: 01W



Emission Unit: U-0002A  
Process: 02W

Emission Unit: U-0002A  
Process: A22

Emission Unit: U-0003A  
Process: 006

Emission Unit: U-0003A  
Process: 03W

Emission Unit: U-0004A  
Process: 008

Emission Unit: U-0004A  
Process: 04W

**Item 33.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

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

(b) Compliance with the opacity standard may be determined by:

(1) conducting observations in accordance with Reference Method 9; and/or

(2) evaluating Continuous Opacity Monitoring System (COMS) records and reports.

Pursuant to 6 NYCRR 201-6.4(b)(2), and as required elsewhere in this permit pursuant to 40 CFR Part 64, the owner or operator shall install, operate and maintain a device to continuously monitor and record opacity.

On a calendar quarter basis, the owner shall submit to the DEC a report of excess emissions. Such report shall identify, for each period of excess emission, the date and time the excess emission commenced and ended, the average opacity during that period, the cause of the excess emission and the corrective action. Such reports shall also identify periods of COMS down time.



Parameter Monitored: OPACITY  
Upper Permit Limit: 20 percent  
Reference Test Method: EPA Method 9 or Continuous Opacity Monitoring  
Monitoring Frequency: CONTINUOUS  
Averaging Method: 6 MINUTE AVERAGE  
Reporting Requirements: QUARTERLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2014.  
Subsequent reports are due every 3 calendar month(s).

**Condition 34: Compliance Certification**  
**Effective between the dates of 12/02/2013 and 12/01/2018**

**Applicable Federal Requirement: 6 NYCRR 231-11.2 (c)**

**Item 34.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 34.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

SUNY Binghamton has undertaken a program to repair the existing high temperature hot water generators; to modify the ductwork from each HTHWG by adding a flyash hopper; and to modify the bottom ash handling system.

These changes were reviewed by the DEC and were determined to be not subject to the DEC's Prevention of Significant Deterioration rules (6 NYCRR 231-8) because future actual emissions will not exceed prior actual emissions. The project is subject to 6 NYCRR 231-11.2(c).

The facility owner or operator must:

(1) maintain the following information for a minimum of five years:

(i) a description of the modification;

(ii) an identification of each new or modified emission source(s) including the associated processes and emission unit;

(iii) the calculation of the project emission potential for each modified emission source(s) including supporting documentation; and

(iv) the date the modification commenced operation.



(2) monitor the emissions of each regulated NSR contaminant from the emission source(s) that will increase as a result of the modification, and calculate and maintain a record of the annual emissions, in tons per year on a calendar year basis, for a period of five years following resumption of regular operations after the modification, or for a period of 10 years following resumption of regular operations after the change if the modification increases the design capacity of or potential to emit the regulated NSR contaminant at such emission source(s); and

(3) submit a report to the department within 30 days after the end of each year during which records must be generated in accordance with paragraph (2) of this subdivision. The report must contain:

(i) the name, address, and telephone number of the major facility;

(ii) the annual emissions as calculated pursuant to paragraph (2) of this subdivision; and

(iii) a comparison of actual annual emissions to the projected actual emissions and, if applicable, an explanation as to why the actual annual emissions exceeded the projected actual emissions.

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL TOTAL ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

**Condition 35: Compliance Certification**  
**Effective between the dates of 12/02/2013 and 12/01/2018**

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

**Item 35.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 35.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The University owns and operates numerous reciprocating internal combustion engines. The EPA has promulgated



Standards of Performance for Stationary Compression Ignition Internal Combustion Engines, found at 40 CFR Part 60, Subpart IIII.

1. Pre-2007 model year emergency ICE with a displacement of less than 10 liters per cylinder, that commenced construction after July 11, 2005 and were manufactured after April 1, 2006 must comply with:

- a. the emission standards of 40 CFR 60.4205(a), Table I;
- b. the fuel requirements of 40 CFR 60.4207(b);
- c. the monitoring requirements of 40 CFR 60.4209(a) and, if equipped with a particulate filter, 40 CFR 60.4209(b);
- d. the compliance requirements of 40 CFR 60.4211(a), (b), (f) and (g),

and appropriate testing and notification requirements.

2. 2007 model year and later emergency ICE with a displacement of less than 30 liters per cylinder, that commenced construction after July 11, 2005 and were manufactured after April 1, 2006 must comply with:

- a. the emission standards of 40 CFR 60.4205(b) and 60.4202;
- b. the fuel requirements of 40 CFR 60.4207(b);
- c. the monitoring requirements of 40 CFR 60.4209(a) and, if equipped with a particulate filter, 40 CFR 60.4209(b);
- d. the compliance requirements of 40 CFR 60.4211(a), (b), (f) and (g),

and appropriate testing and notification requirements.

3. The owner or operator shall determine the applicability of 40 CFR Part 60, Subpart IIII and the compliance status of each stationary internal combustion engine. The owner or operator shall also develop procedures to determine applicability, and assure compliance, for new purchases, modifications, and reconstructions relevant to stationary internal combustion



engines at the facility.

4. Within 180 days of the effective date of this permit, the owner or operator shall submit to the DEC a report identifying each potentially subject stationary internal combustion engine (e.g. emergency generators and fire pumps), indicating whether the engine is subject and stating whether the facility has complied with 40 CFR Part 60, Subpart IIII. Thereafter, on an annual, calendar year basis, the owner or operator shall certify the compliance status of each subject existing, new, modified, and reconstructed stationary internal combustion engine. This report and annual certifications may be combined with the owner or operator's reports and certifications as required in permit conditions related to 40 CFR Part 60, Subpart JJJJ and 40 CFR Part 63, Subpart ZZZZ. The annual reports are due within 30 days after the end of the calendar year.

5. Permit modifications or preconstruction permits are not required for changes (new engine installations, engine modifications, and engine reconstructions) to emergency stationary internal combustion engines, at this facility, as long as the following conditions are met:

- i. the engine(s) involved in the change meet the definition of "emergency stationary internal combustion engine" in section 60.4219,
- ii. the change will not cause the facility to be out of compliance with this permit condition, the terms of this permit, and/or the provisions of 40 CFR Part 60, Subpart IIII;
- iii. the change will not cause the facility to become subject to any additional applicable requirement;
- iv. the change will not cause the facility to be out of compliance with any applicable requirement;
- v. the change will not cause the facility to exceed any emission cap or limit.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

**Condition 36: Compliance Certification**  
**Effective between the dates of 12/02/2013 and 12/01/2018**



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

**Item 36.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 36.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The University owns and operates numerous reciprocating internal combustion engines. The EPA has promulgated Standards of Performance for Stationary Spark Ignition Internal Combustion Engines, found at 40 CFR Part 60, Subpart JJJJ.

1. The owner or operator shall comply with the emission standards of 40 CFR 60.4233, as applicable.
2. The owner or operator shall comply with the fuel use requirements of 40 CFR 60.4235, as applicable.
3. The owner or operator shall comply with the monitoring requirements of 40 CFR 60.4237, as applicable.
4. The owner or operator shall comply with the compliance requirements of 40 CFR 60.4243, as required.
5. You shall comply with the notification requirements of 40 CFR 60.4245, as applicable.
6. The owner or operator shall determine the applicability of 40 CFR Part 60, Subpart JJJJ and the compliance status of each stationary internal combustion engine. The owner or operator shall also develop procedures to determine applicability, and assure compliance, for new purchases, modifications, and reconstructions relevant to stationary internal combustion engines at the facility.
7. Within 180 days of the effective date of this permit, the owner or operator shall submit to the DEC a report identifying each potentially subject stationary internal combustion engine (e.g. emergency generators and fire pumps), indicating whether the engine is subject and stating whether the facility has complied with 40 CFR Part 60, Subpart JJJJ. Thereafter, on an annual, calendar year basis, the owner or operator shall certify the compliance status of each subject existing, new, modified, and reconstructed stationary internal combustion engine. This report and annual certifications may be combined with the owner or operator's reports and certifications as required.

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in permit conditions related to 40 CFR Part 60, Subpart IIII and 40 CFR Part 63, Subpart ZZZZ. The annual reports are due within 30 days after the end of the calendar year.

8. Permit modifications or preconstruction permits are not required for changes (new engine installations, engine modifications, and engine reconstructions) to emergency stationary internal combustion engines, at this facility, as long as the following conditions are met:

- i. the engine(s) involved in the change meet the definition of “emergency stationary internal combustion engine” in section 60.4248,
- ii. the change will not cause the facility to be out of compliance with this permit condition, the terms of this permit, and/or the provisions of 40 CFR Part 60, Subpart JJJ;
- iii. the change will not cause the facility to become subject to any additional applicable requirement;
- iv. the change will not cause the facility to be out of compliance with any applicable requirement;
- v. the change will not cause the facility to exceed any emission cap or limit.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

**Condition 37: Compliance Certification**  
**Effective between the dates of 12/02/2013 and 12/01/2018**

**Applicable Federal Requirement:40CFR 63, Subpart CCCCCC**

**Item 37.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 37.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Binghamton University operates a gasoline dispensing facility with a throughput of less than 10,000 gallons per month. The gasoline dispensing facility is subject to 40



CFR Part 63, Subpart CCCCCC.

1. Pursuant to 40 CFR 63.11115(a), the owner or operator must, at all times, operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Administrator which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.

2. Pursuant to 40 CFR 63.11125(d), each owner or operator of an affected source under this subpart shall keep records of the occurrence and duration of each malfunction of operation ( i.e., process equipment) or the air pollution control and monitoring equipment, and of actions taken during periods of malfunction to minimize emissions in accordance with 40 CFR §63.11115(a), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation.

3. Pursuant to § 63.11116(a), the owner or operator must not allow gasoline to be handled in a manner that would result in vapor releases to the atmosphere for extended periods of time. Measures to be taken include, but are not limited to, the following: (1) Minimize gasoline spills; (2) Clean up spills as expeditiously as practicable; (3) Cover all open gasoline containers and all gasoline storage tank fill-pipes with a gasketed seal when not in use; and (4) Minimize gasoline sent to open waste collection systems that collect and transport gasoline to reclamation and recycling devices, such as oil/water separators.

4. The owner or operator shall keep records to demonstrate that the monthly throughput is less than 10,000 gallons. The monthly throughput is the total volume of gasoline loaded into, or dispensed from, all the gasoline storage tanks located at a single affected gasoline dispensing facility. If BU has two or more gasoline dispensing facilities at separate locations within the area source, each gasoline dispensing facility is treated as a separate affected source.

On an annual calendar year basis, the owner or operator, in the annual certification, shall state whether he or she has complied with this requirement.

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Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

**Condition 38: Compliance Certification**  
**Effective between the dates of 12/02/2013 and 12/01/2018**

**Applicable Federal Requirement:40CFR 63, Subpart JJJJJJ**

**Item 38.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 38.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Binghamton University operates multiple small oil-fired  
boilers subject to 40 CFR Part 63, Subpart JJJJJJ.

The owner or operator must comply with 40 CFR Part 63,  
Subpart JJJJJJ as applicable to individual boilers,  
included but not limited to notifications, work practice  
standards, management practice standards, reporting and  
record retention.

On an annual basis, the owner or operator shall submit to  
the DEC a statement in the compliance certification  
whether he or she has complied with this requirement.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

**Condition 39: Compliance Certification**  
**Effective between the dates of 12/02/2013 and 12/01/2018**

**Applicable Federal Requirement:40CFR 63.11200, Subpart JJJJJJ**

**Item 39.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 39.2:**

Compliance Certification shall include the following monitoring:





Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator must conduct a one-time energy assessment as described in 40 CFR Part 63, Subpart 6J, Table 2.

1. The assessment must be conducted by a qualified energy assessor as defined in 40 CFR Part 63, Subpart JJJJJ unless waived by the EPA or the DEC.
2. The assessment must be completed no later than March 21, 2014.
3. The energy assessment must include a visual inspection of the hot water generators; an evaluation of the characteristics of the affected boiler systems, specifications of energy use systems, operating and maintenance procedures, and unusual operating constraints; an inventory of the major energy use systems consuming energy from the affected hot water generators and are under the control of the boiler owner or operator; a review of available architectural and engineering plans, facility operation and maintenance procedures and logs, and fuel usage; a list of major energy conservation measures that are within the facility's control; a list of the energy saving potential of the energy conservation measures identified; and a comprehensive report detailing the ways to improve efficiency, the cost of specific improvements, benefits, and the time frame for recouping those investments.
4. The extent of the energy assessment shall follow the extent and duration as defined under "energy assessment" in 40 CFR Part 63, section 63.11237.
5. No later than 120 days after March 21, 2014, the owner or operator must submit to the DEC and the EPA a Notification of Compliance Status. In addition to the information required in 40 CFR 63.9(h)(2), the notification must include the following certification of compliance, signed by a responsible official: "This facility has had an energy assessment performed according to 40 CFR 63.11214(c)."

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 41: Compliance Certification**  
**Effective between the dates of 12/02/2013 and 12/01/2018**

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

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**Item 41.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 41.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

1. The owner or operator must conduct a tune-up of the boiler either biennially or every five years, if equipped with an oxygen trim system in accordance with 40 CFR 63.112233 and Table 2 of 40 CFR Part 63, Subpart JJJJJJ.
2. The tune-up must include the elements in 40 CFR 63.11223(b), as applicable.
3. No later than January 20, 2014, or within 120 days after the source becomes subject to the standard, the owner or operator must submit to the DEC and the EPA a Notification of Compliance Status. The owner or operator is referred to 40 CFR 63.11225.
3. On a calendar year basis, the owner or operator shall submit to the DEC, in his or her annual certification, a notice of whether the tune-up was required and if so, the date the tune-up was completed.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

**Condition 42: Compliance Certification**

**Effective between the dates of 12/02/2013 and 12/01/2018**

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

**Item 42.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 42.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator must submit the notifications specified in paragraphs (1) through (5) to the administrator.



- (1) The owner or operator must submit all of the notifications in 40 CFR 63.7(b); 63.8(e) and (f); and 63.9(b) through (e), (g) and (h) that apply by the dates specified in those sections except as specified in paragraphs (a)(2) and (4) of 40 CFR 63.11225(a).
- (2) An Initial Notification must vbe submitted no later than January 20, 2014 or within 120 days after the source becomes subject to the standard.
- (3) If the owner or operator is required to conduct a performance stack test he/she must submit a Notification of Intent to conduct a performance test at least 60 days before the performance stack test is scheduled to begin.
- (4) The owner or operator must submit the Notification of Compliance Status no later than 120 days after the applicable compliance date specified in 40 CFR 63.11196 unless he/she must conduct a performance stack test. If the owner or operator must conduct a performance stack test, he/she must submit the Notification of Compliance Status within 60 days of completing the performance stack test. The owner or operator must submit the Notification of Compliance Status in accordance with paragraph (a)(4)(i) and (vi) of 40 CFR 63.11225. The Notification Status must include the information and certification of compliance in paragraphs (a)(4)(i) through (v) of 40 CFR 63.11225, as applicable, and signed by a responsible official.
  - (i) The owner or operator must submit the information required in 40 CFR 63.9(h)(2), except the information listed in 40 CFR 63.9(h)(2)(i)(B), (D), (E) and (f).
  - (ii) "This facility complies with the requirements in § 63.11214 to conduct an initial tune-up of the boiler."
  - (iii) "This facility has had an energy assessment performed according to § 63.11214(c)."
  - (iv) Units that install bag leak detection systems: "This facility complies with the requirements in 40 CFR 63.11224(f)."
  - (v) For units that do not qualify for a statutory exemption as provided in section 129(g)(1) of the Clean Air Act: "No secondary materials that are solid waste were combusted in any affected unit."



(vi) The notification must be submitted electronically using the Compliance and Emissions Data Reporting Interface (CEDRI) that is accessed through the EPA's Central Data Exchange (CDX) ([www.epa.gov/cdx](http://www.epa.gov/cdx)). However, if the reporting form specific to 40 CFR Part 63, Subpart JJJJJ is not available in CEDRI at the time the report is due, the written Notification of Compliance Status must be submitted to the Administrator at the appropriate address listed in 40 CFR 63.13.

(5) If the owner or operator is using data from a previously conducted emission test to serve as documentation of conformance with the emission standards and operating limits of this subpart he/she must include in the Notification of Compliance Status the date of the test and a summary of the results, not a complete test report, relative to 40 CFR Part 63, Subpart JJJJJ.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 43: Compliance Certification**  
**Effective between the dates of 12/02/2013 and 12/01/2018**

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

**Item 43.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 43.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator must prepare, by March 1 of each year, and submit to the delegated authority upon request, an annual compliance certification report for the previous calendar year containing the information specified in paragraphs (1) through (4). The owner or operator must submit the report by March 15 if he/she had any instance described by paragraph (3). For boilers that are subject only to a requirement to conduct a biennial or 5-year tune-up according to 40 CFR 63.11223(a) and not subject to emission limits or operating limits, the owner or operator may prepare only a biennial or 5-year compliance report as specified in paragraphs (1) and (2) of 40 CFR 63.11225(b).

(1) Company name and address.



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

(i) "This facility complies with the requirements in 40 CFR 63.11223 to conduct a biennial or 5-year tune-up, as applicable, of each boiler."

(ii) For units that do not qualify for a statutory exemption as provided in section 129(g)(1) of the Clean Air Act: "No secondary materials that are solid waste were combusted in any affected unit."

(iii) "This facility complies with the requirement in 40 CFR 63.11214(d) and 40 CFR 63.11223(a) to minimize the boiler's time spent during startup and shutdown and to conduct startups and shutdowns according to the manufacturer's recommended procedures or procedures specified for a boiler of similar design if manufacturer's recommended procedures are unavailable."

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

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 44: Compliance Certification**  
**Effective between the dates of 12/02/2013 and 12/01/2018**

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



**Item 44.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 44.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

(2) The owner or operator must keep records to document conformance with the work practices, emission reduction measures, and management practices required by 40 CFR 63.11214 and 63.11223 as specified in 40 CFR 63.11225(c)(2)(i) through (vi), below.

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

(ii) Reserved; not applicable at this time.

(iii) For each boiler required to conduct an energy assessment, you must keep a copy of the energy assessment report.

(iv) Reserved; not applicable at this time.

(v) Reserved; not applicable at this time.

(vi) Reserved; not applicable at this time.

(3) Reserved; not applicable at this time.

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

(5) Records of actions taken during periods of malfunction to minimize emissions in accordance with the general duty to minimize emissions in 40 CFR 63.11205(a), including corrective actions to restore the malfunctioning boiler, air pollution control, or monitoring equipment to its



normal or usual manner of operation.

(6) Reserved; not applicable at this time.

(7) Reserved; not applicable at this time.

On an annual basis, the owner or operator, in the annual Title V compliance certification, shall state whether he or she has complied with this condition.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

**Condition 45: Compliance Certification**  
**Effective between the dates of 12/02/2013 and 12/01/2018**

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

**Item 45.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 45.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator must maintain records in a form suitable and readily available for expeditious review. Each record must be kept for 5 years following the date of each recorded action. You must keep each record on-site or be accessible from a central location by computer or other means that instantly provides access at the site for 2 years after the date of each recorded action. The records may be kept off-site for the remaining 3 years.

On an annual basis, in the Title V compliance certification, the owner or operator shall state whether he or she has complied with this requirement.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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



**Condition 46: Compliance Certification**  
Effective between the dates of 12/02/2013 and 12/01/2018

**Applicable Federal Requirement: 40CFR 63, Subpart ZZZZ**

**Item 46.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 46.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

This facility has, on site, emergency stationary internal combustion engines.

Pursuant to 40 CFR 63.6585(f)(3), existing institutional emergency stationary RICE located at an area source of HAP emissions that do not operate or are not contractually obligated to be available for more than 15 hours per calendar year for the purposes specified in 40 § 63.6640(f)(2)(ii) and (iii) and that do not operate for the purpose specified in 40 § 63.6640(f)(4)(ii) do not have to meet the requirements of 40 CFR Part 63, Subpart ZZZZ and of Subpart A, including initial notification requirements.

Pursuant to 40 CFR 63.6590(c), a new or reconstructed stationary RICE located at an area source must meet the requirements of 40 CFR Part 63, Subpart ZZZZ by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines. No further requirements apply for such engines under 40 CFR Part 63, Subpart ZZZZ.

1. Each subject stationary internal combustion engine at this facility shall comply with the applicable provisions of 40 CFR Part 60, Subpart ZZZZ.
2. The owner or operator shall determine the applicability of 40 CFR Part 60, Subpart ZZZZ and the compliance status of each stationary internal combustion engine. The owner or operator shall also develop procedures to determine applicability, and assure compliance, for new purchases, modifications, and reconstructions relevant to stationary internal combustion engines at the facility.
3. Within 180 days of the effective date of this permit, the owner or operator shall submit to the DEC a report identifying each potentially subject stationary internal combustion engine (e.g. emergency generators and fire



pumps), indicating whether the engine is subject and stating whether the facility has complied with 40 CFR Part 60, Subpart ZZZZ. Thereafter, on an annual, calendar year basis, the owner or operator shall certify the compliance status of each subject existing, new, modified, and reconstructed stationary internal combustion engine. This report and annual certifications may be combined with the owner or operator's reports and certifications as required in permit conditions related to 40 CFR Part 60, Subpart IIII and 40 CFR Part 63, Subpart JJJJ. The annual reports are due within 30 days after the end of the calendar year.

4. Permit modifications or preconstruction permits are not required for changes (new engine installations, engine modifications, and engine reconstructions) to emergency stationary internal combustion engines, at this facility, as long as the following conditions are met:

i. the engine(s) involved in the change meet the definition of "emergency stationary RICE" in section 63.6675,

ii. the change will not cause the facility to be out of compliance with this permit condition, the terms of this permit, and/or the provisions of 40 CFR Part 60, Subpart ZZZZ;

iii. the change will not cause the facility to become subject to any additional applicable requirement;

iv. the change will not cause the facility to be out of compliance with any applicable requirement;

v. the change will not cause the facility to exceed any emission cap or limit.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

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

**Condition 47: Compliance Certification**  
**Effective between the dates of 12/02/2013 and 12/01/2018**

**Applicable Federal Requirement:40 CFR Part 64**

**Item 47.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:



Emission Unit: U-0001A

Emission Unit: U-0002A

Emission Unit: U-0003A

Emission Unit: U-0004A

**Item 47.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The four hot water generators are subject to 40 CFR Part 64. The applicant has installed continuous opacity monitors to implement the Compliance Assurance Monitoring Regulations for particulate matter. This condition implements CAM and is applicable whenever the hot water generator(s) combust solid fuel or mixtures of solid fuel with any other fuel.

1. The owner or operator shall install, operate and maintain Continuous Opacity Monitoring Systems (COMS) on each of its four stacks. The COMS shall be installed and maintained in accordance with the requirements found in 40 CFR Part 60, Appendix B, Performance Specification 1.

2. On a calendar quarter basis, excluding those calendar quarters where only natural gas is fired or coal or mixtures of solid fuel and other fuels are combusted for less than 168 cumulative hours, the owner or operator shall conduct an opacity audit following the procedures specified in 40 CFR Part 60, Appendix B, Performance Specification 1, Section 8.1(3).

3. No later than 90 days after the effective date of this permit, or the date that the New York State 2014 Fiscal Budget approval process is completed, whichever is later, the owner or operator shall submit to the DEC a written consent to comply with one of the following items (i) through (iv):

i) Within 180 days after the effective date of this permit, or the date that the New York State 2014 Fiscal Budget approval process is completed, whichever is later, the owner or operator shall install, on one of either Units 2, 3 or 4, a stack extension of diameter equivalent to the diameter used in the path length correction factor and an auxiliary continuous opacity monitor in addition to



the existing opacity monitor. The auxiliary continuous opacity monitor shall meet the specifications found in 40 CFR Part 60, Appendix B, performance specification 1. The owner shall operate both the existing continuous opacity monitor (with the path length correction factor) and the auxiliary continuous opacity monitor for a period of one year (365 days). The DEC may shorten the study period. At the conclusion of the annual operating period, the owner or operator shall submit to the DEC a report comparing simultaneous readings of both the existing continuous opacity monitor and the auxiliary opacity monitor.

ii) Within 180 days after the effective date of this permit, or the date that the New York State 2014 Fiscal Budget approval process is completed, whichever is later, the owner or operator may elect to remove the path length correction factor from the data acquisition and handling system from each unit and report uncorrected opacity. If this option is chosen, the owner or operator must comply with 6 NYCRR 227-1.3 (20 percent opacity) using data uncorrected for path length.

iii) Within 180 days after the effective date of this permit, or the date that the New York State 2014 Fiscal Budget approval process is completed, whichever is later, the owner or operator shall submit to the DEC an application for construction of advanced particulate matter control equipment. The owner or operator shall complete the installation of the advanced particulate control system no later than January 1, 2017.

iv) Within 60 days after after the effective date of this permit, or the date that the New York State 2014 Fiscal Budget approval process is completed, whichever is later, the owner or operator shall submit to the DEC a letter committing to cease purchasing coal on and after July, 2016, and commit to combusting natural gas until advanced particulate matter control devices are installed, after which the owner or operator may combust wood, natural gas, a propane and air mixture, or a combination of these fuels.

7. The owner or operator shall at all times maintain the COMS, including maintaining necessary parts for routine repairs of the monitoring equipment. See 40 CFR 64.7(b).

8. The owner or operator shall monitor emissions whenever the hot water generator(s) combust solid fuel or mixtures of solid fuel and any other fuel, except during periods of monitor malfunction and required quality assurance or



quality control activities. See 40 CFR 64.7(c).

9. Whenever the stack opacity exceeds 20 percent for any six minute period, the owner or operator shall record the date, time, magnitude and duration of such occurrence; the cause of such emission; and corrective action to reduce such emission, if necessary.

10. On a calendar quarter basis, the owner or operator shall submit to the DEC a statement regarding whether the particulate matter emissions were likely in compliance based on opacity data. Such report shall be submitted no later than 30 days after the end of each calendar quarter.

The annual report shall include summary information on the number, duration and cause (including unknown cause) of excursions or excess emissions and the corrective action taken; summary information on the number, duration and cause (including unknown cause) for monitor down time incidents (other than down time associated with quality assurance tests and procedures); and a description of the actions taken to implement a Quality Improvement Plan (QIP) during the reporting period, if requested by the DEC. Upon completion of the QIP, the owner or operator shall include in the next summary report documentation that the implementation of the plan has been completed and reduced the likelihood of similar levels of excursions or excess emissions occurring.

Parameter Monitored: OPACITY  
Upper Permit Limit: 20 percent  
Reference Test Method: PS-1 certified COMS  
Monitoring Frequency: CONTINUOUS  
Averaging Method: 6 MINUTE AVERAGE  
Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2014.  
Subsequent reports are due every 12 calendar month(s).

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

**Condition 48: Emission Point Definition By Emission Unit**  
**Effective between the dates of 12/02/2013 and 12/01/2018**

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

**Item 48.1:**

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



Emission Unit: U-0001A

Emission Point: 0001A  
Height (ft.): 91 Diameter (in.): 25  
NYTMN (km.): 4660.022 NYTME (km.): 419.732 Building: 23

**Item 48.2:**

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

Emission Unit: U-0002A

Emission Point: 0002A  
Height (ft.): 91 Diameter (in.): 34  
NYTMN (km.): 4660.022 NYTME (km.): 419.7 Building: 23

**Item 48.3:**

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

Emission Unit: U-0003A

Emission Point: 0003A  
Height (ft.): 91 Diameter (in.): 34  
NYTMN (km.): 4660.022 NYTME (km.): 419.7 Building: 23

**Item 48.4:**

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

Emission Unit: U-0004A

Emission Point: 0004A  
Height (ft.): 91 Diameter (in.): 34  
NYTMN (km.): 4660.022 NYTME (km.): 419.7 Building: 23

**Item 48.5:**

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

Emission Unit: U-0005A

Emission Point: 0005A  
Height (ft.): 14 Diameter (in.): 6  
NYTMN (km.): 4660.022 NYTME (km.): 419.7 Building: 130

**Condition 49: Process Definition By Emission Unit**  
**Effective between the dates of 12/02/2013 and 12/01/2018**

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

**Item 49.1:**

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

Emission Unit: U-0001A  
Process: 002 Source Classification Code: 1-03-002-09

New York State Department of Environmental Conservation

Permit ID: 7-0348-00027/00011

Facility DEC ID: 7034800027



Process Description:

Burning coal or a coal-wood mixture with or without gaseous fuels in Unit 1 to produce hot water at 360 F, 300 psi.

Emission Source/Control: 1A001 - Combustion

Design Capacity: 50.2 million Btu per hour

Emission Source/Control: 1A002 - Control

Control Type: MULTIPLE CYCLONE W/O FLY ASH INJECTION

**Item 49.2:**

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

Emission Unit: U-0001A

Process: 003

Source Classification Code: 1-03-006-02

Process Description:

Combustion of natural gas in Unit 1. Water at 360 F and 300 psi.

Emission Source/Control: 1A001 - Combustion

Design Capacity: 50.2 million Btu per hour

Emission Source/Control: 1A002 - Control

Control Type: MULTIPLE CYCLONE W/O FLY ASH INJECTION

**Item 49.3:**

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

Emission Unit: U-0001A

Process: 01P

Source Classification Code: 1-03-010-02

Process Description: Combustion of a propane/air mix in Unit 1.

Emission Source/Control: 1A001 - Combustion

Design Capacity: 50.2 million Btu per hour

Emission Source/Control: 1A002 - Control

Control Type: MULTIPLE CYCLONE W/O FLY ASH INJECTION

**Item 49.4:**

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

Emission Unit: U-0001A

Process: 01W

Source Classification Code: 1-02-009-06

Process Description:

Wood combustion in Unit 1, alone or in combination with natural gas or propane/air.

Emission Source/Control: 1A001 - Combustion

Design Capacity: 50.2 million Btu per hour

Emission Source/Control: 1A002 - Control



Control Type: MULTIPLE CYCLONE W/O FLY ASH INJECTION

**Item 49.5:**

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

Emission Unit: U-0002A  
Process: 02P Source Classification Code: 1-03-010-02  
Process Description: Combustion of propane/air in Unit 2.

Emission Source/Control: 2A001 - Combustion  
Design Capacity: 100 million Btu per hour

Emission Source/Control: 2A002 - Control  
Control Type: MULTIPLE CYCLONE W/O FLY ASH INJECTION

**Item 49.6:**

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

Emission Unit: U-0002A  
Process: 02W Source Classification Code: 1-03-009-01  
Process Description:  
Combustion of wood in Unit 2, alone or in combination  
with natural gas or propane/air.

Emission Source/Control: 2A001 - Combustion  
Design Capacity: 100 million Btu per hour

Emission Source/Control: 2A002 - Control  
Control Type: MULTIPLE CYCLONE W/O FLY ASH INJECTION

**Item 49.7:**

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

Emission Unit: U-0002A  
Process: A22 Source Classification Code: 1-03-002-09  
Process Description:  
Combustion of coal or a coal-wood mixture with or without  
gaseous fuels in Unit 2 to produce hot water at 360 F, 300  
psi.

Emission Source/Control: 2A001 - Combustion  
Design Capacity: 100 million Btu per hour

Emission Source/Control: 2A002 - Control  
Control Type: MULTIPLE CYCLONE W/O FLY ASH INJECTION

**Item 49.8:**

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

Emission Unit: U-0002A  
Process: A24 Source Classification Code: 1-05-002-06  
Process Description:



Combustion of natural gas in Unit 2 to make high temperature hot water (360 F at 300 psi).

Emission Source/Control: 2A001 - Combustion  
Design Capacity: 100 million Btu per hour

Emission Source/Control: 2A002 - Control  
Control Type: MULTIPLE CYCLONE W/O FLY ASH INJECTION

**Item 49.9:**

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

Emission Unit: U-0003A  
Process: 006 Source Classification Code: 1-03-002-09  
Process Description:  
Combustion of coal or a coal-wood mixture with or without gaseous fuels in Unit 3 to make 360 F, 300 psi water.

Emission Source/Control: 3A001 - Combustion  
Design Capacity: 100 million BTU per day

Emission Source/Control: 3A002 - Control  
Control Type: MULTIPLE CYCLONE W/O FLY ASH INJECTION

**Item 49.10:**

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

Emission Unit: U-0003A  
Process: 007 Source Classification Code: 1-03-006-01  
Process Description:  
Combustion of natural gas in Unit 3 to make 360 F, 300 psi water.

Emission Source/Control: 3A001 - Combustion  
Design Capacity: 100 million BTU per day

Emission Source/Control: 3A002 - Control  
Control Type: MULTIPLE CYCLONE W/O FLY ASH INJECTION

**Item 49.11:**

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

Emission Unit: U-0003A  
Process: 03P Source Classification Code: 1-03-010-02  
Process Description: Combustion of propane/air in Unit 3.

Emission Source/Control: 3A001 - Combustion  
Design Capacity: 100 million BTU per day

Emission Source/Control: 3A002 - Control  
Control Type: MULTIPLE CYCLONE W/O FLY ASH INJECTION





Emission Source/Control: 4A001 - Combustion  
Design Capacity: 100 million Btu per hour

Emission Source/Control: 4A002 - Control  
Control Type: MULTIPLE CYCLONE W/O FLY ASH INJECTION

**Item 49.16:**

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

Emission Unit: U-0004A  
Process: 04W Source Classification Code: 1-03-009-01  
Process Description:  
Wood combustion in Unit 4, alone or in combination with  
natural gas or propane/air.

Emission Source/Control: 4A001 - Combustion  
Design Capacity: 100 million Btu per hour

Emission Source/Control: 4A002 - Control  
Control Type: MULTIPLE CYCLONE W/O FLY ASH INJECTION

**Item 49.17:**

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

Emission Unit: U-0005A  
Process: 001 Source Classification Code: 1-03-010-02  
Process Description:  
LPG/air standby system capable of supplying 50 mmBtu/hr  
of LPG/air compatible with natural gas system. Four  
aqua-blend (WB 1600V) 30,000 gallon (maintained at 80%  
capacity) propane tanks act as an emergency backup.

The system is equipped with a vaporizer burner rated at  
2.4 mmBtu/hr, which is exempt from permitting.

Emission Source/Control: 5A001 - Combustion  
Design Capacity: 16 gallons per hour



**STATE ONLY ENFORCEABLE CONDITIONS**  
**\*\*\*\* Facility Level \*\*\*\***

**NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**  
**This section contains terms and conditions which are not federally enforceable. Permittees may also have other obligations under regulations of general applicability**

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

Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all criteria, emission limits, terms, conditions, and standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

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

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

**Condition 50: Contaminant List**  
**Effective between the dates of 12/02/2013 and 12/01/2018**

**Applicable State Requirement:ECL 19-0301**

**Item 50.1:**  
Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

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



CAS No: 007647-01-0  
Name: HYDROGEN CHLORIDE

CAS No: 0NY075-00-0  
Name: PARTICULATES

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

**Condition 51: Malfunctions and start-up/shutdown activities**  
**Effective between the dates of 12/02/2013 and 12/01/2018**

**Applicable State Requirement: 6 NYCRR 201-1.4**

**Item 51.1:**

(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.



