



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

**IDENTIFICATION INFORMATION**

Permit Type: Air Title V Facility  
Permit ID: 2-6204-00118/00005  
Effective Date: 04/15/2016 Expiration Date: 04/14/2021

Permit Issued To:ROCKEFELLER UNIVERSITY  
1230 YORK AVE  
NEW YORK, NY 10065

Contact: MILORAD MARTINOVIC  
ROCKEFELLER UNIVERSITY  
1230 YORK AVE  
NEW YORK, NY 10065  
(212) 327-8428

Facility: ROCKEFELLER UNIVERSITY  
1188 York Ave  
New York, NY 10065

Contact: MILORAD MARTINOVIC  
ROCKEFELLER UNIVERSITY  
1230 YORK AVE  
NEW YORK, NY 10065  
(212) 327-8428

Description:

**The Rockefeller University**  
**1230 York Avenue, New York, NY 10021**  
**(DEC ID # 2-6204-00118/00005)**

The Rockefeller University (Rockefeller) is located at 1230 York Avenue, New York, NY 10021. The Rockefeller campus is spread over 15 acres of area adjacent to the East River on the upper east side of New York City. This is a health related educational and research Institute. The campus consists of 20 buildings, including eight research buildings, and residence buildings for students, faculty and other staff. It consists of 74 research laboratories. The primary Standard Industrial Classification (SIC) code is 8221 - "Educational Services - Colleges, Universities, and Professional Schools".

Rockefeller operates five (5) boilers, and one absorption chiller on campus. Under this permit it is proposed to add another boiler. Boilers are located in the Power House that generates steam for the buildings in the campus area. All six



boilers vent to a single stack adjacent to the Power House. Boiler #1 is rated at 36.6 mmbtu/hr and burns residual fuel (oil #4). Boilers #2, #3, # 4 (new), #5, & #6 are rated at 29.95 mmbtu/hr each and all burn natural gas, four boilers burn residual oil and the new boiler burns distillate oil (#2 oil). There are multiple other emission points located throughout the campus related to exempt activities such as laboratory hoods, cooling towers, emergency power generation, and oil storage tanks.

The 900-ton absorption chiller is powered by a 10.7 MMBtu/hr Trane absorber that fires natural gas.

The laboratory animal research center pathogen destructor ceased operation on or about July 31, 2010.

Rockefeller is subject to and must comply with New Source Review (NSR) and the federal New Source Performance Standards (NSPS) under 40 CFR 60, Subpart Dc. The facility has accepted a cap on the total emissions of NO<sub>x</sub> (Oxides of Nitrogen) at 245 tons per year from the facility, to stay out of requirements of 6 NYCRR Part 231-2. This cap is the same as in the previous permit and hence there will be no additional NO<sub>x</sub> emissions. The MAP (Maximum Annual Potential) for NO<sub>x</sub> for the facility is capped at 245 tons per year. A federally enforceable condition has been included in this permit, which requires the facility to demonstrate compliance with this cap on 12-month rolling basis. In addition, the facility has accepted the following emission caps:

1. Cap on total VOC and HAP emissions at 22.5 tons per year from the facility.
2. Cap on hydrogen fluoride emissions at 700 lbs per year from the facility.
3. Cap on chloroform emissions at 1,200 lbs per year from the facility.
4. Cap on formaldehyde and dimethyl sulfide emissions at 1,800 lbs per year from the facility.
5. Cap on benzene emissions at 3,000 lbs per year from the facility.
6. Cap on all other VOC and HAP emissions at 18,000 lbs per year from the laboratory hoods.

The facility will demonstrate compliance by estimating emissions on monthly basis during any 12-month rolling period. The facility is subject to the general provisions, notifications, record keeping, performance tests, compliance and monitoring requirements of all the regulations listed in this permit. The facility shall retain records and summaries for at least five years and, upon the request of the NYSDEC, shall submit these records and summaries.



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:           STEPHEN A WATTS  
  47-40 21ST ST  
  LONG ISLAND CITY, NY 11101-5401

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 2 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 renewal application at least 180 days before expiration of permits for both Title V and State Facility Permits.

**Item 3.3:**

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

**Condition 4: Permit modifications, suspensions or revocations by the Department**

**Applicable State Requirement: 6 NYCRR 621.13**

**Item 4.1:**



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

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

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

**Condition 5: Submission of application for permit modification or renewal - REGION 2 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 2 Headquarters  
Division of Environmental Permits  
1 Hunters Point Plaza, 4740 21st Street  
Long Island City, NY 11101-5407  
(718) 482-4997



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

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

**IDENTIFICATION INFORMATION**

Permit Issued To: ROCKEFELLER UNIVERSITY  
1230 YORK AVE  
NEW YORK, NY 10065

Facility: ROCKEFELLER UNIVERSITY  
1188 York Ave  
New York, NY 10065

Authorized Activity By Standard Industrial Classification Code:  
6512 - NONRESIDENTIAL BUILDING OPERATORS  
8221 - COLLEGES AND UNIVERSITIES, NEC

Permit Effective Date: 04/15/2016

Permit Expiration Date: 04/14/2021



## 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 211.1: Air pollution prohibited
- 24 6 NYCRR Part 212: Compliance Certification
- 25 6 NYCRR Part 212: Compliance Certification
- 26 6 NYCRR Part 212: Compliance Certification
- 27 6 NYCRR Part 212: Compliance Certification
- 28 6 NYCRR Part 212: Compliance Certification
- 29 6 NYCRR Part 212: Compliance Certification
- 30 6 NYCRR Part 212: Compliance Certification
- 31 6 NYCRR Part 212: Compliance Certification
- 32 6 NYCRR Part 212: Compliance Certification
- 33 6 NYCRR 225.1 (a) (3): Compliance Certification
- 34 6 NYCRR 225.1 (a) (3): Compliance Certification
- 35 6 NYCRR 225.7 (a): Compliance Certification
- 36 6 NYCRR 227-1.3 (a): Compliance Certification
- 37 6 NYCRR 231-2.2: Compliance Certification
- 38 40CFR 63, Subpart JJJJJ: Compliance and Enforcement
- 39 40CFR 63.11201(b), Subpart JJJJJ: Compliance Certification
- 40 40CFR 63.11205(a), Subpart JJJJJ: Good air pollution control practices

#### Emission Unit Level

- 41 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
- 42 6 NYCRR Subpart 201-6: Process Definition By Emission Unit



**EU=0-43010**

- 43 6 NYCRR 227-1.3 (a): Compliance Certification
- 44 6 NYCRR 227.2 (b) (1): Compliance Certification
- 45 40CFR 60.7(d), NSPS Subpart A: Excess Emissions Report
- 46 40CFR 60.40c, NSPS Subpart Dc: Applicability of this Subpart to this emission source
- 47 40CFR 60.42c(h), NSPS Subpart Dc: Exemption from the averaging period.
- 48 40CFR 60.44c(h), NSPS Subpart Dc: Alternative compliance methods for sulfur dioxide.
- 49 40CFR 60.48c(d), NSPS Subpart Dc: Compliance Certification
- 50 40CFR 60.48c(f)(1), NSPS Subpart Dc: Compliance Certification
- 51 40CFR 60.48c(f)(2), NSPS Subpart Dc: Compliance Certification
- 52 6 NYCRR 227-2.4 (c) (1) (ii): Compliance Certification
- 53 6 NYCRR 227-2.4 (c) (1) (ii): Compliance Certification

**EU=0-43010,Proc=06A,ES=43017**

- 54 6 NYCRR 227-2.4 (d): Compliance Certification

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 55 ECL 19-0301: Contaminant List
- 56 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 57 6 NYCRR 211.2: Visible Emissions Limited



**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 04/15/2016 and 04/14/2021**

**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 04/15/2016 and 04/14/2021**

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

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

**Condition 3: Recordkeeping and Reporting of Compliance Monitoring**  
**Effective between the dates of 04/15/2016 and 04/14/2021**

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



**Item 3.1:**

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

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

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

**Condition 4: Records of Monitoring, Sampling, and Measurement  
Effective between the dates of 04/15/2016 and 04/14/2021**

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

**Item 4.1:**

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

**Condition 5: Compliance Certification  
Effective between the dates of 04/15/2016 and 04/14/2021**

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



Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 10/30/2016.  
Subsequent reports are due every 6 calendar month(s).

**Condition 6: Compliance Certification**  
**Effective between the dates of 04/15/2016 and 04/14/2021**

**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 record keeping 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.

**New York State Department of Environmental Conservation**

Permit ID: 2-6204-00118/00005

Facility DEC ID: 2620400118



The first report is due 30 days after the calendar quarter that occurs just prior to the permit anniversary date, unless another quarter has been acceptable by the Department.

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

Chief – Stationary Source Compliance Section  
USEPA Region 2  
Air Compliance Branch  
290 Broadway  
New York, NY 10007-1866

The address for the RAPCE is as follows:

Regional Air Pollution Control Engineer  
Hunters Point Plaza  
47-40 21st Street  
Long Island City, NY 11101-5407

The address for the BQA is as follows:

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

Monitoring Frequency: ANNUALLY  
Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 10/30/2016.  
Subsequent reports are due on the same day each year

**Condition 7: Compliance Certification**  
**Effective between the dates of 04/15/2016 and 04/14/2021**

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

**Item 7.1:**

The Compliance Certification activity will be performed for the Facility.

**New York State Department of Environmental Conservation**

Permit ID: 2-6204-00118/00005

Facility DEC ID: 2620400118



**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. Statements are to be mailed to: New York State Department of Environmental Conservation, Division of Air Resources, Bureau of Air Quality Planning, 625 Broadway, Albany NY 12233-3251

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due by April 15th for previous calendar year

**Condition 8: Recordkeeping requirements  
Effective between the dates of 04/15/2016 and 04/14/2021**

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

**Item 8.1:**

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

(1) a copy of each emission statement submitted to the department; and

(2) records indicating how the information submitted in the emission statement was determined, including any calculations, data, measurements, and estimates used.

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

**Condition 9: Open Fires - Prohibitions  
Effective between the dates of 04/15/2016 and 04/14/2021**

**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.





procedures, inclusive of manufacturer's specifications, required to operate such device effectively.

**Condition 11: Recycling and Salvage**  
Effective between the dates of 04/15/2016 and 04/14/2021

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

**Item 11.1:**

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

**Condition 12: Prohibition of Reintroduction of Collected Contaminants to the air**  
Effective between the dates of 04/15/2016 and 04/14/2021

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

**Item 12.1:**

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

**Condition 13: Exempt Sources - Proof of Eligibility**  
Effective between the dates of 04/15/2016 and 04/14/2021

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

**Item 13.1:**

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

**Condition 14: Trivial Sources - Proof of Eligibility**  
Effective between the dates of 04/15/2016 and 04/14/2021

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

**Item 14.1:**

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

**Condition 15: Requirement to Provide Information**  
Effective between the dates of 04/15/2016 and 04/14/2021

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







**Item 20.1:**

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

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

**Condition 21: Emission Unit Definition**

**Effective between the dates of 04/15/2016 and 04/14/2021**

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

**Item 21.1:**

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

Emission Unit: 0-43010

Emission Unit Description:

POWER HOUSE STEAM PRODUCTION AND CHILLING OPERATIONS. EMISSION UNIT CONSISTS OF THE SIX (6) BOILERS, AND THE ONE (1) ABSORBER. THE SIX BOILERS ARE NUMBERED # 1, 2, 3, 4, 5, & 6. ALL UNITS ARE LOCATED WITHIN THE POWER HOUSE (SOMETIMES REFERRED TO AS THE BOILER HOUSE), AND ARE VENTED TO THE MAIN 311-FOOT STACK.

Building(s): 1268

**Condition 22: Progress Reports Due Semiannually**

**Effective between the dates of 04/15/2016 and 04/14/2021**

**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: Air pollution prohibited**

**Effective between the dates of 04/15/2016 and 04/14/2021**

**Applicable Federal Requirement:6 NYCRR 211.1**



**Item 23.1:**

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 24: Compliance Certification**  
**Effective between the dates of 04/15/2016 and 04/14/2021**

**Applicable Federal Requirement:6 NYCRR Part 212**

**Item 24.1:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):  
CAS No: 000071-43-2 BENZENE

**Item 24.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

ROCKEFELLER WILL ACCEPT A CAP ON TOTAL EMISSIONS OF BENZENE AT 3,000 POUNDS PER YEAR FROM THE FACILITY. ROCKEFELLER WILL DEMONSTRATE COMPLIANCE BY ESTIMATION OF EACH CONCERNED CHEMICAL ON A MONTHLY BASIS.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: ANNUAL TOTAL ROLLED MONTHLY

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2016.

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

**Condition 25: Compliance Certification**  
**Effective between the dates of 04/15/2016 and 04/14/2021**

**Applicable Federal Requirement:6 NYCRR Part 212**

**Item 25.1:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):  
CAS No: 0NY100-00-0 TOTAL HAP



**Item 25.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

ROCKEFELLER WILL ACCEPT A CAP ON TOTAL EMISSIONS OF HAP AT 22.5 TONS PER YEAR FROM THE FACILITY. ROCKEFELLER WILL DEMONSTRATE COMPLIANCE BY ESTIMATION OF EACH CONCERNED CHEMICAL ON A MONTHLY BASIS.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: ANNUAL TOTAL ROLLED MONTHLY

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2016.

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

**Condition 26: Compliance Certification**

**Effective between the dates of 04/15/2016 and 04/14/2021**

**Applicable Federal Requirement:6 NYCRR Part 212**

**Item 26.1:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000075-18-3 DIMETHYL SULFIDE

**Item 26.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

ROCKEFELLER WILL ACCEPT A CAP ON TOTAL EMISSIONS OF DIMETHYL SULFIDE AT 1,800 POUNDS PER YEAR FROM THE FACILITY. ROCKEFELLER WILL DEMONSTRATE COMPLIANCE BY ESTIMATION OF EACH CONCERNED CHEMICAL ON A MONTHLY BASIS.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: ANNUAL TOTAL ROLLED MONTHLY

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2016.

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



**Condition 27: Compliance Certification**  
Effective between the dates of 04/15/2016 and 04/14/2021

**Applicable Federal Requirement:6 NYCRR Part 212**

**Item 27.1:**  
The Compliance Certification activity will be performed for the Facility.

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

**Item 27.2:**  
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES  
Monitoring Description:

ROCKEFELLER WILL ACCEPT A CAP ON TOTAL EMISSIONS OF VOC AT 18,000 POUNDS PER YEAR FROM THE LABORATORY HOODS. ROCKEFELLER WILL DEMONSTRATE COMPLIANCE BY ESTIMATION OF EACH CONCERNED CHEMICAL ON A MONTHLY BASIS.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: ANNUAL TOTAL ROLLED MONTHLY

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2016.

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

**Condition 28: Compliance Certification**  
Effective between the dates of 04/15/2016 and 04/14/2021

**Applicable Federal Requirement:6 NYCRR Part 212**

**Item 28.1:**  
The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):  
CAS No: 000050-00-0 FORMALDEHYDE

**Item 28.2:**  
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES  
Monitoring Description:

ROCKEFELLER WILL ACCEPT A CAP ON TOTAL EMISSIONS OF FORMALDEHYDE AT 1,800 POUNDS PER YEAR FROM THE FACILITY. ROCKEFELLER WILL DEMONSTRATE COMPLIANCE BY ESTIMATION OF EACH CONCERNED CHEMICAL ON A MONTHLY



BASIS.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION  
Averaging Method: ANNUAL TOTAL ROLLED MONTHLY  
Reporting Requirements: QUARTERLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 7/30/2016.  
Subsequent reports are due every 3 calendar month(s).

**Condition 29: Compliance Certification**  
**Effective between the dates of 04/15/2016 and 04/14/2021**

**Applicable Federal Requirement:6 NYCRR Part 212**

**Item 29.1:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):  
CAS No: 007664-39-3 HYDROGEN FLUORIDE

**Item 29.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES  
Monitoring Description:

ROCKEFELLER WILL ACCEPT A CAP ON TOTAL  
EMISSIONS OF HYDROGEN FLUORIDE AT 700  
POUNDS PER YEAR FROM THE FACILITY.  
ROCKEFELLER WILL DEMONSTRATE COMPLIANCE  
BY ESTIMATION OF EACH CONCERNED CHEMICAL  
ON A MONTHLY BASIS.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION  
Averaging Method: ANNUAL TOTAL ROLLED MONTHLY  
Reporting Requirements: QUARTERLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 7/30/2016.  
Subsequent reports are due every 3 calendar month(s).

**Condition 30: Compliance Certification**  
**Effective between the dates of 04/15/2016 and 04/14/2021**

**Applicable Federal Requirement:6 NYCRR Part 212**

**Item 30.1:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):  
CAS No: 0NY100-00-0 TOTAL HAP

**New York State Department of Environmental Conservation**

Permit ID: 2-6204-00118/00005

Facility DEC ID: 2620400118



**Item 30.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

ROCKEFELLER WILL ACCEPT A CAP ON TOTAL EMISSIONS OF HAP AT 18,000 POUNDS PER YEAR FROM THE LABORATORY HOODS. ROCKEFELLER WILL DEMONSTRATE COMPLIANCE BY ESTIMATION OF EACH CONCERNED CHEMICAL ON A MONTHLY BASIS.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: ANNUAL TOTAL ROLLED MONTHLY

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2016.

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

**Condition 31: Compliance Certification**  
**Effective between the dates of 04/15/2016 and 04/14/2021**

**Applicable Federal Requirement:6 NYCRR Part 212**

**Item 31.1:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 31.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

ROCKEFELLER WILL ACCEPT A CAP ON TOTAL EMISSIONS OF VOC AT 22.5 TONS PER YEAR FROM THE FACILITY. ROCKEFELLER WILL DEMONSTRATE COMPLIANCE BY ESTIMATION OF EACH CONCERNED CHEMICAL ON A MONTHLY BASIS.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: ANNUAL TOTAL ROLLED MONTHLY

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2016.

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

**Condition 32: Compliance Certification**

**New York State Department of Environmental Conservation**

Permit ID: 2-6204-00118/00005

Facility DEC ID: 2620400118



**Effective between the dates of 04/15/2016 and 04/14/2021**

**Applicable Federal Requirement:6 NYCRR Part 212**

**Item 32.1:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):  
CAS No: 000067-66-3 CHLOROFORM

**Item 32.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

ROCKEFELLER WILL ACCEPT A CAP ON TOTAL EMISSIONS OF CHLOROFORM AT 1,200 POUNDS PER YEAR FROM THE FACILITY. ROCKEFELLER WILL DEMONSTRATE COMPLIANCE BY ESTIMATION OF EACH CONCERNED CHEMICAL ON A MONTHLY BASIS.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: ANNUAL TOTAL ROLLED MONTHLY

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2016.

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

**Condition 33: Compliance Certification**

**Effective between the dates of 04/15/2016 and 04/14/2021**

**Applicable Federal Requirement:6 NYCRR 225.1 (a) (3)**

**Item 33.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 33.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

No person shall sell, offer for sale, purchase or use any distillate oil which has sulfur content greater than 0.20 percent by weight. A log of the sulfur content in oil per delivery must be maintained on site for a minimum of five years after the date of the last entry.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL



Parameter Monitored: SULFUR CONTENT  
Upper Permit Limit: 0.20 percent by weight  
Monitoring Frequency: PER DELIVERY  
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY  
TIME (INSTANTANEOUS/DISCRETE OR GRAB)  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 10/30/2016.  
Subsequent reports are due every 6 calendar month(s).

**Condition 34: Compliance Certification**  
**Effective between the dates of 04/15/2016 and 04/14/2021**

**Applicable Federal Requirement:6 NYCRR 225.1 (a) (3)**

**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: WORK PRACTICE INVOLVING SPECIFIC  
OPERATIONS

Monitoring Description:

No person shall sell, offer for sale, purchase or use any residual oil which has sulfur content greater than 0.30 percent by weight. A log of the sulfur content in oil per delivery must be maintained on site for a minimum of five years after the date of the last entry.

Work Practice Type: PARAMETER OF PROCESS MATERIAL  
Process Material: NUMBER 6 OIL  
Parameter Monitored: SULFUR CONTENT  
Upper Permit Limit: 0.30 percent by weight  
Monitoring Frequency: PER DELIVERY  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 10/30/2016.  
Subsequent reports are due every 6 calendar month(s).

**Condition 35: Compliance Certification**  
**Effective between the dates of 04/15/2016 and 04/14/2021**

**Applicable Federal Requirement:6 NYCRR 225.7 (a)**

**Item 35.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 35.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES



Monitoring Description:

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

Monitoring Frequency: PER DELIVERY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2016.

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

**Condition 36: Compliance Certification**  
**Effective between the dates of 04/15/2016 and 04/14/2021**

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

**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: MONITORING OF PROCESS OR CONTROL  
DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

No person shall operate a stationary combustion installation which exhibits greater than 20 percent opacity (six minute average), except for one 6 minute period per hour of not more than 27 percent opacity. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

The permittee will conduct observations of visible emissions from the emission unit, process, etc. to which this condition applies at the monitoring frequency stated below while the process is in operation. The permittee will investigate, in a timely manner, any instance where there is cause to believe that visible emissions have the potential to exceed the opacity standard.

The permittee shall investigate the cause, make any necessary corrections, and verify that the excess visible emissions problem has been corrected. If visible emissions with the potential to exceed the standard continue, the permittee will conduct a Method 9 assessment within the next operating day of the sources associated



with the potential noncompliance to determine the degree of opacity and will notify the NYSDEC if the Method 9 test indicates that the opacity standard is not met.

Records of visible emissions observations (or any follow-up Method 9 tests), investigations and corrective actions will be kept on-site. Should the Department determine that permittee's record keeping format is inadequate to demonstrate compliance with this condition, it shall provide written notice to the permittee stating the inadequacies, and permittee shall have 90 days to revise its prospective record keeping format in a manner acceptable to the Department.

Parameter Monitored: OPACITY  
Upper Permit Limit: 20 percent  
Monitoring Frequency: DAILY  
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 10/30/2016.  
Subsequent reports are due every 6 calendar month(s).

**Condition 37: Compliance Certification**  
**Effective between the dates of 04/15/2016 and 04/14/2021**

**Applicable Federal Requirement: 6 NYCRR 231-2.2**

**Item 37.1:**

The Compliance Certification activity will be performed for the Facility.

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

**Item 37.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES  
Monitoring Description:

THE FACILITY WILL CAP EMISSIONS OF NO<sub>x</sub> AT 245 TONS PER YEAR TO CAP OUT OF 231-2. FACILITY WILL DEMONSTRATE COMPLIANCE THROUGH MONITORING OF FUEL CONSUMPTION WITH FUEL METERS, WHICH WILL BE CALIBRATED ANNUALLY.

TO ENSURE COMPLIANCE WITH THIS UPPER LIMIT OF TOTAL NO<sub>x</sub> EMISSIONS FROM THE FACILITY, FUEL CONSUMPTION FOR ALL THE SOURCES INCLUDING BUT NOT LIMITED TO EMERGENCY GENERATORS, WILL BE DETERMINED ON DAILY BASIS. FACILITY WILL USE THE



MOST RECENT STACK TEST RESULTS AS EMISSION FACTORS FOR CALCULATING THE EMISSIONS FROM DIFFERENT FUELS AND DIFFERENT SOURCES AND CERTIFY COMPLIANCE ON ANNUAL MAXIMUM ROLLED ON MONTHLY BASIS IN QUARTERLY REPORTS. ALL CALCULATIONS AND RECORDS WILL BE MAINTAINED FOR FIVE YEARS AND WILL BE SUBMITTED TO NYSDEC UPON REQUEST.

Monitoring Frequency: DAILY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2016.

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

**Condition 38: Compliance and Enforcement**  
**Effective between the dates of 04/15/2016 and 04/14/2021**

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

**Item 38.1:**

The Department has not accepted delegation of 40 CFR Part 63 Subpart JJJJJ. Any questions concerning compliance and/or enforcement of this regulation should be referred to USEPA Region 2, 290 Broadway, 21st Floor, New York, NY 10007-1866; (212) 637-4080. Should the Department decide to accept delegation of 40 CFR Part 63 Subpart JJJJJ during the term of this permit, enforcement of this regulation will revert to the Department as of the effective date of delegation.

**Condition 39: Compliance Certification**  
**Effective between the dates of 04/15/2016 and 04/14/2021**

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

**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 of an existing coal-fired boiler with heat input capacity of less than 10 MMBtu/hr that do not meet the definition of limited-use boiler, or use an oxygen trim system that maintains an optimum air-to-fuel ratio, existing oil-fired boiler with heat input capacity



greater than 5 MMBtu/hr that do not meet the definition of seasonal boiler or limited-use boiler, or use an oxygen trim system that maintains an optimum air-to-fuel ratio, or existing biomass-fired boiler that do not meet the definition of seasonal boiler or limited-use boiler, or use an oxygen trim system that maintains an optimum air-to-fuel ratio must conduct an initial tune-up as specified in 40 CFR 63.11214, and conduct a tune-up of the boiler biennially as specified in 40 CFR 63.11223

Monitoring Frequency: EVERY TWO YEARS  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 10/30/2016.  
Subsequent reports are due every 6 calendar month(s).

**Condition 40: Good air pollution control practices  
Effective between the dates of 04/15/2016 and 04/14/2021**

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

**Item 40.1:**

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

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

**Condition 41: Emission Point Definition By Emission Unit  
Effective between the dates of 04/15/2016 and 04/14/2021**

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

**Item 41.1:**

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

Emission Unit: 0-43010

Emission Point: S4301

Height (ft.): 311

Diameter (in.): 72

NYTMN (km.): 4512.816

NYTME (km.): 588.039

Building: 1268



**Condition 42: Process Definition By Emission Unit**  
**Effective between the dates of 04/15/2016 and 04/14/2021**

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

**Item 42.1:**

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

Emission Unit: 0-43010  
Process: 02A Source Classification Code: 1-03-006-02  
Process Description: FIRING NATURAL GAS.

Emission Source/Control: 43012 - Combustion  
Design Capacity: 29.95 million Btu per hour

Emission Source/Control: 43013 - Combustion  
Design Capacity: 29.95 million Btu per hour

Emission Source/Control: 43015 - Combustion  
Design Capacity: 29.95 million Btu per hour

Emission Source/Control: 43017 - Combustion  
Design Capacity: 10.7 million Btu per hour

Emission Source/Control: 43018 - Combustion  
Design Capacity: 29.95 million Btu per hour

Emission Source/Control: 43019 - Combustion  
Design Capacity: 29.95 million Btu per hour

**Item 42.2:**

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

Emission Unit: 0-43010  
Process: 04A Source Classification Code: 1-03-004-01  
Process Description: FIRING RESIDUAL FUEL OIL (#4 Oil)

Emission Source/Control: 43011 - Combustion  
Design Capacity: 36.6 million Btu per hour

Emission Source/Control: 43012 - Combustion  
Design Capacity: 29.95 million Btu per hour

Emission Source/Control: 43013 - Combustion  
Design Capacity: 29.95 million Btu per hour

Emission Source/Control: 43015 - Combustion  
Design Capacity: 29.95 million Btu per hour

Emission Source/Control: 43018 - Combustion  
Design Capacity: 29.95 million Btu per hour



**Item 42.3:**

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

Emission Unit: 0-43010  
Process: 06A Source Classification Code: 2-03-002-01  
Process Description: FIRING #2 FUEL OIL

Emission Source/Control: 43017 - Combustion  
Design Capacity: 10.7 million Btu per hour

Emission Source/Control: 43019 - Combustion  
Design Capacity: 29.95 million Btu per hour

**Condition 43: Compliance Certification**  
**Effective between the dates of 04/15/2016 and 04/14/2021**

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

**Item 43.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-43010

**Item 43.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

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

Parameter Monitored: OPACITY  
Upper Permit Limit: 20 percent  
Reference Test Method: Method 9  
Monitoring Frequency: DAILY  
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)  
Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 10/30/2016.  
Subsequent reports are due every 12 calendar month(s).

**Condition 44: Compliance Certification**  
**Effective between the dates of 04/15/2016 and 04/14/2021**

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

New York State Department of Environmental Conservation

Permit ID: 2-6204-00118/00005

Facility DEC ID: 2620400118



**Item 44.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-43010

Regulated Contaminant(s):

CAS No: ONY075-00-0 PARTICULATES

**Item 44.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Particulate emission limit for stationary combustion installation firing oil. The owner or operator shall complete the following once per term of this permit:

- 1) Submit to the Department an acceptable protocol for the testing of particulate emission limit cited in this condition.
- 2) Perform a stack test, based upon the approved test protocol, to determine compliance with the particulate emission limit cited in this condition.
- 3) All records shall be maintained at the facility for a minimum of five years.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.10 pounds per million Btus

Reference Test Method: Method 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2016.

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

**Condition 45: Excess Emissions Report**

Effective between the dates of 04/15/2016 and 04/14/2021

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

**Item 45.1:**

This Condition applies to Emission Unit: 0-43010

**Item 45.2:**

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

**New York State Department of Environmental Conservation**

Permit ID: 2-6204-00118/00005

Facility DEC ID: 2620400118



**Condition 46: Applicability of this Subpart to this emission source**  
Effective between the dates of 04/15/2016 and 04/14/2021

**Applicable Federal Requirement:40CFR 60.40c, NSPS Subpart Dc**

**Item 46.1:**

This Condition applies to Emission Unit: 0-43010

**Item 46.2:**

This emission source is subject to the applicable General Provisions of 40 CFR 60 Subpart Dc. The facility owner is responsible for reviewing these general provisions in detail and complying with all applicable technical, administrative and reporting requirements.

**Condition 47: Exemption from the averaging period.**  
Effective between the dates of 04/15/2016 and 04/14/2021

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

**Item 47.1:**

This Condition applies to Emission Unit: 0-43010

**Item 47.2:**

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

**Condition 48: Alternative compliance methods for sulfur dioxide.**  
Effective between the dates of 04/15/2016 and 04/14/2021

**Applicable Federal Requirement:40CFR 60.44c(h), NSPS Subpart Dc**

**Item 48.1:**

This Condition applies to Emission Unit: 0-43010

**Item 48.2:**

Facilities demonstrating compliance through vendor certification shall follow the compliance procedures listed in paragraphs 40 CFR 60-Dc.48c(f)(1), (2), or (3), as applicable.

**Condition 49: Compliance Certification**  
Effective between the dates of 04/15/2016 and 04/14/2021

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



**Item 49.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-43010

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

**Item 49.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility subject to the SO<sub>2</sub> emission limits, fuel oil sulfur limits, or percent reduction requirements under §60.42c shall submit semi-annual reports to the Administrator.

Monitoring Frequency: PER DELIVERY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2016.

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

**Condition 50: Compliance Certification**

**Effective between the dates of 04/15/2016 and 04/14/2021**

**Applicable Federal Requirement:40CFR 60.48c(f)(1), NSPS Subpart Dc**

**Item 50.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-43010

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

**Item 50.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Fuel supplier certification shall include the following information for distillate oil:

i) The name of the oil supplier, and

ii) A statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in §60.41c. 60-Dc 41c defines distillate oil as fuel that complies with the specifications for fuel



oil numbers 1 or 2, as defined by the American Society for Testing and Materials in ASTM D396-78, A standard Specification for Fuel Oils.

iii) The sulfur content or maximum sulfur content of the oil.

Monitoring Frequency: PER DELIVERY  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 10/30/2016.  
Subsequent reports are due every 6 calendar month(s).

**Condition 51: Compliance Certification**  
**Effective between the dates of 04/15/2016 and 04/14/2021**

**Applicable Federal Requirement: 40CFR 60.48c(f)(2), NSPS Subpart Dc**

**Item 51.1:**  
The Compliance Certification activity will be performed for:

Emission Unit: 0-43010

**Item 51.2:**  
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES  
Monitoring Description:

The owner and/or operator of the affected facility shall maintain records containing the following data:

- i) name of the residual oil supplier;
- ii) the location of the oil when the sample was drawn for analysis of the sulfur content of the oil, specifically including whether the oil was sampled as delivered to the affected facility, or whether the sample was drawn from oil storage at the oil supplier's or oil refiner's facility, or other location;
- iii) the sulfur content of the oil from which the shipment came (or of the shipment itself); and
- iv) the method used to determine the sulfur content of the oil.

Monitoring Frequency: PER DELIVERY  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 10/30/2016.  
Subsequent reports are due every 6 calendar month(s).



**Condition 52: Compliance Certification**  
Effective between the dates of 04/15/2016 and 04/14/2021

**Applicable Federal Requirement: 6 NYCRR 227-2.4 (c) (1) (ii)**

**Item 52.1:**

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

Emission Unit: 0-43010  
Process: 02A Emission Source: 43012

Emission Unit: 0-43010  
Process: 02A Emission Source: 43013

Emission Unit: 0-43010  
Process: 02A Emission Source: 43015

Emission Unit: 0-43010  
Process: 02A Emission Source: 43018

Emission Unit: 0-43010  
Process: 04A Emission Source: 43011

Emission Unit: 0-43010  
Process: 04A Emission Source: 43012

Emission Unit: 0-43010  
Process: 04A Emission Source: 43013

Emission Unit: 0-43010  
Process: 04A Emission Source: 43015

Emission Unit: 0-43010  
Process: 04A Emission Source: 43018

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

**Item 52.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

This condition applies to residual oil/gas fired mid-size boilers. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.

The owner or operator will maintain records on-site for a minimum of five years.

New York State Department of Environmental Conservation

Permit ID: 2-6204-00118/00005

Facility DEC ID: 2620400118



The compliance deadline, with the emission limitation listed in this condition, is July, 1 2014. Compliance with the monitoring, record keeping, or reporting requirements listed in this condition begins on July, 1 2014.

Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 0.20 pounds per million Btus
Reference Test Method: 40 CFR 60 Appendix A - Method 7, 7E, or 19
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2016.
Subsequent reports are due every 6 calendar month(s).

Condition 53: Compliance Certification
Effective between the dates of 04/15/2016 and 04/14/2021

Applicable Federal Requirement:6 NYCRR 227-2.4 (c) (1) (ii)

Item 53.1:

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

Emission Unit: 0-43010
Process: 02A Emission Source: 43019

Emission Unit: 0-43010
Process: 06A Emission Source: 43019

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

Item 53.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

This condition applies to distillate oil/gas fired mid-size boilers. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.

The owner or operator will maintain records on-site for a minimum of five years.

The compliance deadline, with the emission limitation listed in this condition, is July, 1 2014. Compliance with the monitoring, record keeping, or reporting requirements listed in this condition begins on July, 1 2014.



Parameter Monitored: OXIDES OF NITROGEN  
Upper Permit Limit: 0.08 pounds per million Btus  
Reference Test Method: 40 CFR 60 Appendix A - Method 7, 7E, or 19  
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT  
Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 10/30/2016.  
Subsequent reports are due every 6 calendar month(s).

**Condition 54: Compliance Certification**  
**Effective between the dates of 04/15/2016 and 04/14/2021**

**Applicable Federal Requirement: 6 NYCRR 227-2.4 (d)**

**Item 54.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 0-43010  
Process: 06A Emission Source: 43017

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

**Item 54.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES  
Monitoring Description:

The owner or operator of a small boiler, small combustion turbine, or small internal combustion engine must perform an annual tune-up of their equipment. This tune-up should be performed in accordance with the requirements of the DAR-5 guidance document. Records of each tune-up must be kept on-site for a minimum of five years.

Monitoring Frequency: ANNUALLY  
Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 10/30/2016.  
Subsequent reports are due every 12 calendar month(s).



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

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

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

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

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

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

**Condition 55: Contaminant List**  
**Effective between the dates of 04/15/2016 and 04/14/2021**

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

**Item 55.1:**  
Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 000050-00-0  
Name: FORMALDEHYDE



CAS No: 000067-66-3  
Name: CHLOROFORM

CAS No: 000071-43-2  
Name: BENZENE

CAS No: 000075-18-3  
Name: DIMETHYL SULFIDE

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

CAS No: 007664-39-3  
Name: HYDROGEN FLUORIDE

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

CAS No: 0NY100-00-0  
Name: TOTAL HAP

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

CAS No: 0NY998-00-0  
Name: VOC

**Condition 56: Malfunctions and start-up/shutdown activities**  
**Effective between the dates of 04/15/2016 and 04/14/2021**

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

**Item 56.1:**

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

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

(c) In the event that emissions of air contaminants in excess of any emission standard in this



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

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

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

**Condition 57: Visible Emissions Limited**  
**Effective between the dates of 04/15/2016 and 04/14/2021**

**Applicable State Requirement:6 NYCRR 211.2**

**Item 57.1:**

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

