

Facility DEC ID: 7311500204

PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 7-3115-00204/00007
Effective Date: 06/22/2021 Expiration Date: 06/21/2026

Permit Issued To: SYRACUSE UNIVERSITY
029 LYMAN HALL @ 100 COLLEGE PL
SYRACUSE, NY 13244-1100

Contact: REBECCA PONZA
Syracuse University - Environmental Health & Safety Services
029 LYMAN HALL @ 100 College Pl
SYRACUSE, NY 13244

Facility: SYRACUSE UNIVERSITY - STEAM STATION
500 EAST TAYLOR ST
SYRACUSE, NY 13244-6500

Description:
The facility covered under the Title V permit encompasses both the Steam Station and the University's Main Campus. The Steam Station consists of four (4) boilers capable of firing either natural gas or No. 2 fuel oil. Boilers 3 and 4 (the Riley boilers) are rated at 206 million British thermal units (MMBtu/hr) and exhaust through a common stack (i.e., emission point SU001); boilers 6 and 7 (the Alco boilers) are rated at 138 MMBtu/hr and exhaust through a common stack (i.e., emission point SU002). All other sources of emissions at the Steam Station and the University's Main Campus are either trivial or exempt

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: ELIZABETH A TRACY
615 ERIE BLVD W
SYRACUSE, NY 13204-2400

Authorized Signature: _____ Date: ___ / ___ / ___

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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.

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DEC GENERAL CONDITIONS

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

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

GENERAL CONDITIONS - Apply to ALL Authorized Permits.

Condition 1: Facility Inspection by the Department

Applicable State Requirement: ECL 19-0305

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

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

Item 2.1:

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

Condition 3: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:

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

Item 3.2:

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

Item 3.3

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

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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

Condition 6: Submission of application for permit modification or renewal-REGION 7 SUBOFFICE - CORTLAND
Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 6.1:

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

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ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

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029 LYMAN HALL @ 100 COLLEGE PL
SYRACUSE, NY 13244-1100

Facility: SYRACUSE UNIVERSITY - STEAM STATION
500 EAST TAYLOR ST
SYRACUSE, NY 13244-6500

Authorized Activity By Standard Industrial Classification Code:
4961 - STEAM SUPPLY
8221 - COLLEGES AND UNIVERSITIES, NEC

Permit Effective Date: 06/22/2021

Permit Expiration Date: 06/21/2026

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**** Facility Level ****

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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

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

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

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

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

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

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

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

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

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

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

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by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

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

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

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

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

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

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

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

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

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

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- ii. The liability of a permittee of the Title V facility for any violation of applicable requirements prior to or at the time of permit issuance;
- iii. The applicable requirements of Title IV of the Act;
- iv. The ability of the Department or the Administrator to obtain information from the permittee concerning the ability to enter, inspect and monitor the facility.

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

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

- i. When additional applicable requirements under the act become applicable to a title V facility with a remaining permit term of three or more years, a reopening shall be completed not later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended by the department pursuant to the provisions of section 201- 6.6 of this Subpart.
- ii. The Department or the Administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.
- iii. The Department or the Administrator determines that the Title V permit must be revised or reopened to assure compliance with applicable requirements.
- iv. If the permitted facility is an "affected source" subject to the requirements of Title IV of the Act, and additional requirements (including excess emissions requirements) become applicable. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit.

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

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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 K: 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 L: Federally Enforceable Requirements - 40 CFR 70.6 (b)

All terms and conditions in this permit required by the Act or any applicable requirement, including any provisions designed to limit a facility's potential to emit, are enforceable by the Administrator and citizens under the Act. The Department has, in this permit, specifically designated any terms and conditions that are not required under the Act or under any of its applicable requirements as being enforceable under only state regulations.

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

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

**Condition 1: Acceptable Ambient Air Quality
Effective between the dates of 06/22/2021 and 06/21/2026**

Applicable Federal Requirement: 6 NYCRR 200.6

Item 1.1:

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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 06/22/2021 and 06/21/2026

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 06/22/2021 and 06/21/2026

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 06/22/2021 and 06/21/2026

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

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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 06/22/2021 and 06/21/2026

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,

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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

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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 7/30/2021.

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

Condition 6: Compliance Certification
Effective between the dates of 06/22/2021 and 06/21/2026

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;

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- the compliance status;
- whether compliance was continuous or intermittent;
- the method(s) used for determining the compliance status of the facility, currently and over the reporting period consistent with the monitoring and related recordkeeping and reporting requirements of this permit;
- such other facts as the Department may require to determine the compliance status of the facility as specified in any special permit terms or conditions;
- and
- such additional requirements as may be specified elsewhere in this permit related to compliance certification.

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

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

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

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

The address for the RAPCE is as follows:

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Regional Air Pollution Control Engineer
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 1/30/2022.
Subsequent reports are due on the same day each year

Condition 7: Compliance Certification
Effective between the dates of 06/22/2021 and 06/21/2026

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. 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 06/22/2021 and 06/21/2026

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

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(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 06/22/2021 and 06/21/2026

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.

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(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 06/22/2021 and 06/21/2026**

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 06/22/2021 and 06/21/2026**

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 06/22/2021 and 06/21/2026**

Applicable Federal Requirement:6 NYCRR 201-1.8

Item 12.1:

No person shall unnecessarily remove, handle or cause to be handled, collected air

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contaminants from an air cleaning device for recycling, salvage or disposal in a manner that would reintroduce them to the outdoor atmosphere.

Condition 13: Exempt Sources - Proof of Eligibility
Effective between the dates of 06/22/2021 and 06/21/2026

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 06/22/2021 and 06/21/2026

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 06/22/2021 and 06/21/2026

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 06/22/2021 and 06/21/2026

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:

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- (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 06/22/2021 and 06/21/2026

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 06/22/2021 and 06/21/2026

Applicable Federal Requirement: 6 NYCRR 202-1.1

Item 18.1:

For the purpose of ascertaining compliance or non-compliance with any air pollution control code, rule or regulation, the commissioner may require the person who owns such air

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contamination source to submit an acceptable report of measured emissions within a stated time.

Condition 19: Accidental release provisions.
Effective between the dates of 06/22/2021 and 06/21/2026

Applicable Federal Requirement:40 CFR Part 68

Item 19.1:

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

- a) The owner or operator shall comply with the provisions of 40 CFR Part 68 and;
- b) The owner or operator shall submit at the time of permit issuance (if not previously submitted) one of the following, if such quantities are present:
 - 1) A compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR §68.10(a) or,
 - 2) A certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of the Risk Management Plan. Information should be submitted to:

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

Condition 20: Recycling and Emissions Reduction
Effective between the dates of 06/22/2021 and 06/21/2026

Applicable Federal Requirement:40CFR 82, Subpart F

Item 20.1:

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

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

Condition 21: Compliance Certification
Effective between the dates of 06/22/2021 and 06/21/2026

Applicable Federal Requirement:6 NYCRR 200.6

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Two Babcock and Wilcox superheated steam boilers (the Alco boilers, Units 6 and 7) rated at 138 mmBtu/hr each. The boilers are capable of firing both natural gas and No. 2 fuel oil and share a common stack. These boilers are operated as "natural gas" boilers as defined in 40 CFR 63.11237, so therefore they are not subject to 40 CFR 63, Subpart JJJJJ.

Building(s): Alco

Condition 23: Progress Reports Due Semiannually
Effective between the dates of 06/22/2021 and 06/21/2026

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

Item 23.1:

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 24: Visible Emissions Limited
Effective between the dates of 06/22/2021 and 06/21/2026

Applicable Federal Requirement:6 NYCRR 211.2

Item 24.1:

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

Condition 25: Compliance Certification
Effective between the dates of 06/22/2021 and 06/21/2026

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

Item 25.1:

The Compliance Certification activity will be performed for the Facility.

Item 25.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL

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Facility DEC ID: 7311500204

DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

1. The owner or operator shall not combust distillate oil [including number two heating oil] with a sulfur content greater than 0.0015 percent sulfur by weight or less.

2. Compliance with the sulfur-in-fuel limitation is based on fuel vendor receipts. All fuel vendor receipts must be maintained on site or at a Department approved alternative location for a minimum of five years. The fuel distributor receipts must contain the amount of fuel oil delivered and the certified sulfur content of the fuel oil.

3. Owners or operators must maintain records of excess emissions. The owners or operators must submit a written report of the fuel sulfur content exceeding the applicable sulfur-in-fuel limitation, measured emissions exceeding the applicable sulfur-in-fuel limitation, measured emissions exceeding the applicable equivalent emission rate, and the nature and cause of such exceedances, if known.

Parameter Monitored: SULFUR CONTENT
 Upper Permit Limit: 0.0015 percent by weight
 Reference Test Method: Vendor Receipts
 Monitoring Frequency: PER DELIVERY
 Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)
 Reporting Requirements: ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 1/30/2022.
 Subsequent reports are due every 12 calendar month(s).

Condition 26: Applicability
Effective between the dates of 06/22/2021 and 06/21/2026

Applicable Federal Requirement:6 NYCRR 226-1.1

Item 26.1:
 This subpart applies to all owners or operators of facilities who operate cold cleaners, open-top vapor degreasers, and all types of conveyORIZED degreasers that carry out solvent cleaning processes.

Condition 27: Compliance Certification
Effective between the dates of 06/22/2021 and 06/21/2026

Applicable Federal Requirement:6 NYCRR 226-1.3

Item 27.1:

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The Compliance Certification activity will be performed for the Facility.

Item 27.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Owners or operators conducting solvent cleaning processes must:

- (a) store solvent in covered containers and transfer or dispose of waste solvent in such a manner that less than 20 percent of the waste solvent (by weight) can evaporate into the atmosphere;
- (b) maintain equipment to minimize leaks and fugitive emissions;
- (c) display at the equipment location a conspicuous summary of proper operating procedures consistent with minimizing emissions of VOCs;
- (d) keep the degreaser cover closed except when parts are being placed into or being removed from the degreaser, the cover needs to be open in order to remove solvent from the degreaser, no solvent is in the degreaser, or manually cleaning parts in a cold cleaning degreaser;
- (e) create and maintain a record of solvent consumption for five years. This record must be retained for five years and made available to the department upon request;
- (f) not clean sponges, fabric, wood, leather, paper products and other absorbent materials in a degreaser; and
- (g) if using a cold cleaning degreaser that is subject to paragraph 6 NYCRR 226-1.4(a)(4), retain a record of the following three items for five years and provide these records to the Department upon request. An invoice, bill of sale, a certificate covering multiple sales, manufacturers published information, or other appropriate documentation acceptable to the Department may be used to comply with this requirement:
 - (1) name and address of the solvent supplier;
 - (2) the type of solvent including the product or vendor identification number; and
 - (3) the VOC content of the cleaning solution in grams per liter (gm/l) or the vapor pressure of the solvent measured in mm Hg at 20 degrees Celsius (68 degrees Fahrenheit) as appropriate to verify compliance.

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2022.

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

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Condition 28: Compliance Certification
Effective between the dates of 06/22/2021 and 06/21/2026

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

Item 28.1:

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

Emission Unit: U-S0034
Process: B3O

Emission Unit: U-S0034
Process: B4O

Emission Unit: U-S0067
Process: B6O

Emission Unit: U-S0067
Process: B7O

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

Item 28.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The owner or operator shall not cause or allow an emission into the outdoor atmosphere of particulates in excess of 0.10 pound per million Btu heat input from any combustion installation with a maximum heat input capacity exceeding 250 mmbtu/hr (sum of the maximum heat input of all units which are operated simultaneously and connected to a common stack) while combusting oil.

At least once per permit term, unless cumulative operation of the boilers on oil does not exceed 720 hours in any 12 month rolling period during the term of the permit, and at any other time upon request from the DEC, the owner or operator shall conduct particulate matter emissions testing in accordance with 40 CFR Part 60, Appendix A, Methods 1-5. The results of such testing shall be submitted within 60 days of completion of such tests.

On a semiannual basis, the owner or operator shall submit to the DEC a statement whether testing has been conducted and if so, the results of such tests.

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Upper Permit Limit: 0.10 pounds per million Btus
Reference Test Method: EPA Method 5
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION
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 7/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 29: Compliance Certification
Effective between the dates of 06/22/2021 and 06/21/2026

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

Item 29.1:

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

Emission Unit: U-S0034
Process: B3O

Emission Unit: U-S0034
Process: B4O

Emission Unit: U-S0067
Process: B6O

Emission Unit: U-S0067
Process: B7O

Item 29.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No owner or operator of a combustion installation shall emit greater than 20 percent opacity except for one six minute period per hour not to exceed 27%, based on a six minute average.

At least once per calendar quarter, and at any other time when so requested by the DEC, the owner or operator shall conduct opacity observations while combusting oil. Such observations shall be conducted in accordance with 40 CFR Part 60, Appendix A, Method 9. The results of such testing shall be submitted within 60 days of completion of such tests. This requirement will cease to apply if the owner or operator begins to monitor emissions with a

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continuous opacity monitor.

If the cumulative operation of Boilers 3 and 4 on oil is less than 168 hours in a quarter, the requirement to conduct opacity observations is waived for that combined stack. If the cumulative operation of Boilers 6 and 7 on oil is less than 168 hours in a quarter, the requirement to conduct opacity observations is waived for that combined stack.

On a semiannual basis, the owner or operator shall submit to the DEC a statement whether testing has been conducted and if so, the results of such tests.

Parameter Monitored: OPACITY
 Upper Permit Limit: 20 percent
 Reference Test Method: 40 CFR Part 60, App A, Method 9
 Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
 Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 7/30/2021.
 Subsequent reports are due every 6 calendar month(s).

Condition 30: Compliance Certification
Effective between the dates of 06/22/2021 and 06/21/2026

Applicable Federal Requirement: 6 NYCRR 227-1.4 (d)

Item 30.1:
 The Compliance Certification activity will be performed for the facility:
 The Compliance Certification applies to:

Emission Unit: U-S0034
 Process: B3O

Emission Unit: U-S0034
 Process: B4O

Emission Unit: U-S0067
 Process: B6O

Emission Unit: U-S0067
 Process: B7O

Item 30.2:
 Compliance Certification shall include the following monitoring:

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

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Monitoring Description:

DEC regulations generally require any person who owns a stationary combustion installation (excluding gas turbines), with a total maximum heat input capacity exceeding 250 million Btu per hour (sum of the maximum heat input capacity of all units which are operated simultaneously and are connected to a common stack) to install and operate a device to continuously monitor opacity. However, 6 NYCRR 227-1.4(d)(2) allows the DEC to waive the requirement and set forth alternative monitoring requirements if the installation of a continuous stack monitoring system would impose an extreme economic burden on the source owner. Given that the boilers burn primarily natural gas, the DEC, on the effective date of this permit, is only requiring the use of continuous opacity monitors if the boilers begin to fire oil on a routine basis.

The following apply to the owners or operators of Boilers 3, 4, 6 and 7 (Emission Sources Boil3, Boil4, Boil6, and Boil 7).

1. Pursuant to 6 NYCRR 227-1.4(d)(2), beginning on the effective date of this permit, the owner or operator is not required to monitor opacity with a continuous opacity monitor, except as provided in items 2 and 3 below.
2. If the owner or operator combusts oil in excess of 1450 hours per 12 month rolling period in Boiler 3 and Boiler 4 combined, then the owner or operator shall install, operate in accordance with manufacturer's instructions, and properly maintain, accurate instruments satisfying the criteria in appendix B of title 40, part 60 of the Code of Federal Regulations, or approved by the commissioner on an individual case basis, for continuously monitoring and recording opacity.
3. If the owner or operator combusts oil in excess of 1450 hours per 12 month rolling period in Boiler 6 and Boiler 7 combined, then the owner or operator shall install, operate in accordance with manufacturer's instructions, and properly maintain, accurate instruments satisfying the criteria in appendix B of title 40, part 60 of the Code of Federal Regulations, or approved by the commissioner on an individual case basis, for continuously monitoring and recording opacity.
4. If a continuous opacity monitor is installed, from that point on it shall be operated and maintained; however, the opacity monitor(s) is not required to be

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operated during those periods when only natural gas is combusted.

5. Upon installation and operation of a continuous opacity monitor, the owner or operator shall submit to the DEC, on a quarterly basis,

(1) the magnitude, date and time of each six minute block average during which the average opacity of emissions exceeds 20 percent, except for one six minute block average per hour not to exceed 27 percent;

(2) for each period of excess emission, specific identification of the cause and corrective action taken;

(3) identification of all periods of COMS downtime, including the date, time and duration of each inoperable period, and the cause and corrective action for each COMS downtime period;

(4) the total time in which the COMS are required to record data during the reporting period;

(5) the total number of exceedences and the duration of exceedences expressed as a percentage of the total time in which the COMS are required to record data; and

(6) such other things as the department may deem necessary, proper or desirable in order to enforce article 19 of the Environmental Conservation Law or the rules promulgated thereunder.

Such reports shall be submitted no later than 60 days after the end of each calendar quarter.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: 40 CFR Part 60, App A, Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2022.

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

Condition 31: Compliance Certification
Effective between the dates of 06/22/2021 and 06/21/2026

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

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Item 31.1:

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

Emission Unit: U-S0034
Process: B3G

Emission Unit: U-S0034
Process: B4G

Emission Unit: U-S0067
Process: B6G

Emission Unit: U-S0067
Process: B7G

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

Item 31.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

This condition applies to large boilers as defined under 6 NYCRR Part 227-2.3(b). The owner or operator shall not cause or allow the emissions of NOx from emission sources BOIL3, BOIL4, BOIL6 and BOIL7 to be in excess of 0.15lb/mmbtu when combusting natural gas. At least once per permit term, the owner or operator shall conduct NOx emission testing while each boiler operates on natural gas, and at any other time upon request from the Department.

The owner or operator shall submit a testing protocol to the Department for approval at least 30 days prior to any stack testing.

The owner or operator will maintain records on-site for a minimum of 5 years.

On a semi-annual basis, as part of the required semi-annual monitoring report, the owner or operator shall submit to the Department a statement whether testing has been conducted and if so, the results of such tests.

Upper Permit Limit: 0.15 pounds per million Btus

Reference Test Method: EPA Method 7

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

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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 7/30/2021.

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

Condition 32: Compliance Certification
Effective between the dates of 06/22/2021 and 06/21/2026

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

Item 32.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-S0034

Process: B3O

Emission Unit: U-S0034

Process: B4O

Emission Unit: U-S0067

Process: B6O

Regulated Contaminant(s):

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

Item 32.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

This condition applies to large boilers as defined under 6 NYCRR Part 227-2.3(b). The owner or operator shall not cause or allow the emissions of NOx from emission sources BOIL3, BOIL4, and BOIL6 to be in excess of 0.15 lb/mmbtu when combusting No. 2 fuel oil. In accordance with the University's May 9, 2012 NOx RACT compliance plan, the University will demonstrate compliance with the limit on BOIL7 through fuel switching, as allowed under 6NYCRR Part 227-2.5(a) and described elsewhere in this permit.

At least once per permit term, unless cumulative operations of the boilers on No. 2 fuel oil does not exceed 720 hours in any 12 month rolling period during the term of the permit, the owner or operator shall conduct NOx emission testing while each boiler operates on No. 2 fuel oil, and at any other time upon request from the Department.

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The owner or operator shall submit a testing protocol to the Department for approval at least 30 days prior to any stack testing.

The owner or operator will maintain records on-site for a minimum of 5 years.

On a semi-annual basis, as part of the required semi-annual monitoring report, the owner or operator shall submit to the Department a statement whether testing has been conducted and if so, the results of such tests.

Upper Permit Limit: 0.15 pounds per million Btus

Reference Test Method: EPA Method 7

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

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 7/30/2021.

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

Condition 33: Compliance Certification
Effective between the dates of 06/22/2021 and 06/21/2026

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

Item 33.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

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

Item 33.2:

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.

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The initial report is due 1/30/2022.
 Subsequent reports are due every 12 calendar month(s).

Condition 34: Compliance Certification
Effective between the dates of 06/22/2021 and 06/21/2026

Applicable Federal Requirement: 6 NYCRR 227-2.5 (a)

Item 34.1:

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

Emission Unit: U-S0067 Emission Point: SU002
 Process: B7O

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

Item 34.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Boiler 7 at Syracuse University steam station does not meet the presumptive NOx RACT limit under Part 227-2.4(b)(1) of 0.15 lb NOx/mmbtu while firing oil. The facility will use the fuel switching option to comply.

1. On an annual basis, NOx emissions shall average no more than 0.15 pounds per million Btu.

The average annual NOx emission rate shall be computed according to the following formula:

$$\text{Annual NOx Emission Rate} = (\text{NOx gas emission rate} \times \text{Number of hours operating on gas} + \text{NOx oil emission rate} \times \text{Number of hours operating on oil}) / (\text{Number of hours operating on gas} + \text{Number of hours operating on oil})$$

The averaging period is from January 1 to December 31. The owner or operator shall maintain sufficient records to be able to demonstrate compliance.

2. The NOx gas emission rate and the NOx oil emission rate shall be the emission rate determined from the most recent emission test, looking forward.

3. Emission testing shall be conducted in accordance with a protocol approved by the DEC and 6 NYCRR 202-1.

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4. The facility shall combust only natural gas from May 1 to October 31 each year.

5. The owner or operator shall state, in the semi-annual and annual compliance certifications, whether he or she has complied with this condition. All corresponding records used to calculate compliance with the applicable limit must be maintained at the facility for a minimum of five years and must be provided to the Department upon request.

Parameter Monitored: OXIDES OF NITROGEN
 Upper Permit Limit: 0.15 pounds per million Btus
 Reference Test Method: EPA Method 7 or 7E
 Monitoring Frequency: DAILY
 Averaging Method: CALENDAR YEAR AVERAGE
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 7/30/2021.
 Subsequent reports are due every 6 calendar month(s).

Condition 35: Compliance Certification
Effective between the dates of 06/22/2021 and 06/21/2026

Applicable Federal Requirement: 40CFR 60, NSPS Subpart III

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 USEPA has promulgated Standards of Performance for Stationary Compression Ignition Internal Combustion Engines, found at 40 CFR 60, Subpart III.

1. The owner or operator shall comply with the emission standards of 40 CFR 60.4204 and 40 CFR 60.4205, as applicable.
2. The owner or operator shall comply with the fuel requirements of 40 CFR 60.4207(b), as applicable.
3. The owner or operator shall comply with the monitoring requirements of 40 CFR 60.4209(a) and, if equipped with a particulate filter, 40 CFR 60.4209(b), as applicable.

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4. The owner or operator shall comply with the compliance requirements of 40 CFR 60.4211(a), (b), and (f) and (g), and appropriate testing and notification requirements, as applicable.

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

6. 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 annual certification may be combined with the owner or operator's reports and certification as required in permit conditions related to 40 CFR 60, Subpart JJJJ, and 40 CFR 63, Subpart ZZZZ. The annual reports are due within 30 days after the end of the calendar year.

7. 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 engines 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 1/30/2022.

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

Condition 36: Compliance Certification
Effective between the dates of 06/22/2021 and 06/21/2026

Applicable Federal Requirement:40CFR 60, NSPS Subpart JJJJ

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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 USEPA has promulgated Standards of Performance for Stationary Spark Ignition Internal Combustion Engines, found at 40 CFR 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 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. The owner or operator 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 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. 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 certification may be combined with the owner or operator's reports and certification as required in permit conditions related to 40 CFR 60, Subpart IIII, and 40 CFR 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 engines 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

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JJJJ.

- 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 1/30/2022.

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

Condition 37: Compliance Certification
Effective between the dates of 06/22/2021 and 06/21/2026

Applicable Federal Requirement: 40CFR 63.6585, Subpart ZZZZ

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:

The owner or operator shall determine the applicability of 40 CFR Part 63, Subpart ZZZZ and the compliance status of each reciprocating internal combustion engine. The owner shall develop procedures to determine applicability, and assure compliance, for new purchases of internal combustion engines.

On an annual, calendar year basis, the owner or operator shall certify whether any new engines have been added and if so, whether the owner or operator has complied with 40 CFR Part 63, Subpart ZZZZ. This report may be combined with the owner or operator's determination of applicability to 40 CFR Part 60, Subparts JJJJ and IIII.

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 1/30/2022.

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

Condition 38: Mandatory greenhouse gas reporting
Effective between the dates of 06/22/2021 and 06/21/2026

Permit ID: 7-3115-00204/00007

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Applicable Federal Requirement:40 CFR Part 98

Item 38.1:

40 CFR Part 98 establishes mandatory greenhouse gas (GHG) reporting requirements for owners and operators of certain facilities that directly emit GHG as well as for certain fossil fuel suppliers and industrial GHG suppliers. For suppliers, the GHGs reported are the quantity that would be emitted from combustion or use of the products supplied.

Owners and operators of facilities and suppliers that are subject to 40 CFR Part 98 must follow the requirements of subpart A and all applicable subparts of 40 CFR Part 98. If a conflict exists between a provision in subpart A and any other applicable subpart, the requirements of the applicable subpart shall take precedence.

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

Condition 39: Emission Point Definition By Emission Unit
Effective between the dates of 06/22/2021 and 06/21/2026

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 39.1:

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

Emission Unit: U-S0034

Emission Point: SU001

Height (ft.): 175 Diameter (in.): 122
 NYTMN (km.): 4765.722 NYTME (km.): 406.732 Building: Riley

Item 39.2:

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

Emission Unit: U-S0067

Emission Point: SU002

Height (ft.): 172 Diameter (in.): 105
 NYTMN (km.): 4765.752 NYTME (km.): 406.657 Building: Alco

Condition 40: Process Definition By Emission Unit
Effective between the dates of 06/22/2021 and 06/21/2026

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 40.1:

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

Emission Unit: U-S0034

Permit ID: 7-3115-00204/00007

Facility DEC ID: 7311500204

Process: B3G Source Classification Code: 1-03-006-01

Process Description:

A Riley Stoker boiler rated at 206 mmBtu/hr firing natural gas. These boilers are equipped with low NOx burners.

Emission Source/Control: BOIL3 - Combustion

Design Capacity: 206 million Btu per hour

Item 40.2:

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

Emission Unit: U-S0034

Process: B3O Source Classification Code: 1-03-005-01

Process Description:

A Riley Stoker boiler rated at 206 mmBtu/hr firing No. 2 fuel oil. These boilers are equipped with low NOx burners.

Emission Source/Control: BOIL3 - Combustion

Design Capacity: 206 million Btu per hour

Item 40.3:

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

Emission Unit: U-S0034

Process: B4G Source Classification Code: 1-03-006-01

Process Description:

A Riley Stoker boiler rated at 206 mmBtu/hr firing natural gas. These boilers are equipped with low NOx burners.

Emission Source/Control: BOIL4 - Combustion

Design Capacity: 206 million Btu per hour

Item 40.4:

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

Emission Unit: U-S0034

Process: B4O Source Classification Code: 1-03-005-01

Process Description:

A Riley Stoker boiler rated at 206 mmBtu/hr firing No. 2 fuel oil. These boilers are equipped with low NOx burners.

Emission Source/Control: BOIL4 - Combustion

Design Capacity: 206 million Btu per hour

Item 40.5:

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

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Emission Unit: U-S0067
Process: B6G Source Classification Code: 1-03-006-01
Process Description:
A Babcock and Wilcox boiler rated at 138 mmBtu/hr firing natural gas. No emission controls are installed.

Emission Source/Control: BOIL6 - Combustion
Design Capacity: 138 million Btu per hour

Item 40.6:

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

Emission Unit: U-S0067
Process: B6O Source Classification Code: 1-03-005-01
Process Description:
A Babcock and Wilcox boiler rated at 138 mmBtu/hr firing No. 2 fuel oil. No emissions controls are installed.

Emission Source/Control: BOIL6 - Combustion
Design Capacity: 138 million Btu per hour

Item 40.7:

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

Emission Unit: U-S0067
Process: B7G Source Classification Code: 1-03-006-01
Process Description:
A Babcock and Wilcox boiler rated at 138 mmBtu/hr firing natural gas. No emission controls are installed.

Emission Source/Control: BOIL7 - Combustion
Design Capacity: 138 million Btu per hour

Item 40.8:

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

Emission Unit: U-S0067
Process: B7O Source Classification Code: 1-03-005-01
Process Description:
A Babcock and Wilcox boiler rated at 138mmBtu/hr firing No.2 fuel oil. No emission controls are installed.

Emission Source/Control: BOIL7 - Combustion
Design Capacity: 138 million Btu per hour

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STATE ONLY ENFORCEABLE CONDITIONS

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

This section contains terms and conditions which are not federally enforceable. Permittees may also have other obligations under regulations of general applicability

Item A: Emergency Defense - 6 NYCRR 201-1.5

An emergency, as defined in 6 NYCRR 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 demonstrate, 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 facility was being properly operated and maintained;
- (3) during the period of the emergency the facility owner or operator took all reasonable steps to minimize the 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 any 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 malfunction provision contained in any applicable requirement.

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

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

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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 41: Contaminant List
Effective between the dates of 06/22/2021 and 06/21/2026

Applicable State Requirement:ECL 19-0301

Item 41.1:

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

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

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

Condition 42: Malfunctions and Start-up/Shutdown Activities
Effective between the dates of 06/22/2021 and 06/21/2026

Applicable State Requirement:6 NYCRR 201-1.4

Item 42.1:

(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.

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(b) The facility owner or operator shall compile and maintain records of all equipment maintenance and start-up/shutdown activities when they are expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the department when required by a permit condition or upon request by the department. Such reports shall state whether an exceedance occurred and if it was unavoidable, include the time, frequency and duration of the exceedance, 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 monitoring and quarterly reporting requirements need not submit additional reports of exceedances to the department.

(c) In the event that air contaminant emissions exceed any applicable emission standard due to a malfunction, the facility owner or operator shall 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. In addition, the facility owner or operator shall compile and maintain a record of all malfunctions. Such records shall be maintained at the facility for a period of at least five years and must be made available to the department upon request. 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, the air contaminants emitted, and the resulting emission rates and/or opacity.

(d) The department may also require the facility 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 43: CLCPA Applicability
Effective between the dates of 06/22/2021 and 06/21/2026

Applicable State Requirement:6 NYCRR 201-6.5 (a)

Item 43.1:

Pursuant to The New York State Climate Leadership and Community Protection Act (CLCPA) and Article 75 of the Environmental Conservation Law, emission sources shall comply with regulations to be promulgated by the Department to ensure that by 2030 statewide greenhouse gas emissions are reduced by 40% of 1990 levels, and by 2050 statewide greenhouse gas emissions are reduced by 85% of 1990 levels.

Condition 44: Air pollution prohibited
Effective between the dates of 06/22/2021 and 06/21/2026

Applicable State Requirement:6 NYCRR 211.1

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Item 44.1:

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.

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