

Facility DEC ID: 2630400404

PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 2-6304-00404/00004
Effective Date: 04/04/2024 Expiration Date: 04/03/2029

Permit Issued To: BIG SIX TOWERS INC
59-55 47TH AVE
WOODSIDE, NY 11377-5662

Facility: BIG SIX TOWERS INC
59-55 47TH AVE
WOODSIDE, NY 11377

Contact: Maria Platis
Metro Management Development Inc.
60-10 Queens Blvd
Woodside, NY 11377
(718) 898-7022

Description:

Big Six Towers, Inc. generates electrical power and steam for an apartment complex and mixed retail space located at 59-55 47th Avenue in Woodside, Queens.

The facility's power plant consists of six (6) internal combustion engines and three (3) small boilers. The three natural gas-fired engines are rated at 650 KW each and the two No.2 fuel oil-fired engines are rated at 850 KW each and one no.2 fuel oil-fired engine is rated at 1600 KW. Exhaust heat is captured in six waste heat exchangers before being exhausted through a common stack (emission point 00002). The heating plant also contains three Easco Boiler Corp. boilers, one rated 10.46 mmBtu/hr and two rated at 16.74 mmBtu/hr. each. These new boilers fire natural gas as primary fuel and no.2 fuel oil as backup fuel. All three boilers exhaust through a common stack (emission point 00001).

The engines and boilers are subject to NYCRR 225-1, 227-1 and NYCRR 227-2 NOx RACT and Title V Subpart 201-6 permitting requirements. This permit includes alternate NOx RACT limits for the three oil burning engines for which the facility demonstrated that cost per ton of NOx reduced with any controls will be greater than the NOx RACT cost threshold. This alternative RACT emission limit must be approved by USEPA as a revision to the State Implementation Plan.

Facility DEC ID: 2630400404

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: ___ / ___ / _____

Facility DEC ID: 2630400404

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.

Facility DEC ID: 2630400404

PAGE LOCATION OF CONDITIONS

PAGE

DEC GENERAL CONDITIONS

General Provisions

- 5 1 Facility Inspection by the Department
- 5 2 Relationship of this Permit to Other Department Orders and Determinations
- 5 3 Applications for permit renewals, modifications and transfers
- 6 4 Permit modifications, suspensions or revocations by the Department

Facility Level

- 6 5 Submission of application for permit modification or renewal - REGION 2 HEADQUARTERS

Facility DEC ID: 2630400404

DEC GENERAL CONDITIONS

**** General Provisions ****

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

GENERAL CONDITIONS - Apply to ALL Authorized Permits.

Condition 1: Facility Inspection by the Department

Applicable State Requirement: ECL 19-0305

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

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

Item 2.1:

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

Condition 3: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:

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

Item 3.2:

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

Item 3.3

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

Facility DEC ID: 2630400404

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 ID: 2-6304-00404/00004

Facility DEC ID: 2630400404

Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: BIG SIX TOWERS INC
59-55 47TH AVE
WOODSIDE, NY 11377-5662

Facility: BIG SIX TOWERS INC
59-55 47TH AVE
WOODSIDE, NY 11377

Authorized Activity By Standard Industrial Classification Code:
4911 - ELECTRIC SERVICES
6513 - APARTMENT BUILDING OPERATORS
6514 - DWELLING OPERATORS, EXC. APART

Permit Effective Date: 04/04/2024

Permit Expiration Date: 04/03/2029

Permit ID: 2-6304-00404/00004

Facility DEC ID: 2630400404

PAGE LOCATION OF CONDITIONS

PAGE

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 7 1 6 NYCRR 200.6: Acceptable Ambient Air Quality
- 8 2 6 NYCRR 201-6.4 (a) (7): Fees
- 8 3 6 NYCRR 201-6.4 (c): Recordkeeping and Reporting of Compliance Monitoring
- 8 4 6 NYCRR 201-6.4 (c) (2): Records of Monitoring, Sampling, and Measurement
- 9 5 6 NYCRR 201-6.4 (c) (3) (ii): Compliance Certification
- 11 6 6 NYCRR 201-6.4 (e): Compliance Certification
- 13 7 6 NYCRR 202-2.1: Compliance Certification
- 13 8 6 NYCRR 202-2.5: Recordkeeping requirements
- 14 9 6 NYCRR 215.2: Open Fires - Prohibitions
- 15 10 6 NYCRR 200.7: Maintenance of Equipment
- 15 11 6 NYCRR 201-1.7: Recycling and Salvage
- 15 12 6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 15 13 6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
- 16 14 6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
- 16 15 6 NYCRR 201-6.4 (a) (4): Requirement to Provide Information
- 16 16 6 NYCRR 201-6.4 (a) (8): Right to Inspect
- 17 40 CFR Part 68: Accidental release provisions.
- 17 18 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 17 19 6 NYCRR Subpart 201-6: Emission Unit Definition
- 18 20 6 NYCRR 201-6.4 (d) (4): Progress Reports Due Semiannually
- 18 21 6 NYCRR 201-6.4 (f): Operational Flexibility
- 19 22 6 NYCRR 202-1.1: Required Emissions Tests - Facility Level
- 19 23 6 NYCRR 202-1.3 (a): Acceptable procedures
- 19 24 6 NYCRR 202-2.4 (a) (3): Statement dates for emissions statements.
- 20 25 6 NYCRR 211.2: Visible Emissions Limited
- 20 26 6 NYCRR 225-1.2 (d): Compliance Certification
- 21 27 6 NYCRR 227-1.3 (c): Compliance Certification
- 22 28 6 NYCRR 227-1.4 (a): Compliance Certification
- 23 29 6 NYCRR 227-1.4 (a): Compliance Certification
- 24 30 6 NYCRR 227-2.5 (c): Compliance Certification
- 25 31 6 NYCRR 227-2.5 (c): Compliance Certification
- 26 32 6 NYCRR 227-2.5 (c): Compliance Certification
- 27 33 6 NYCRR 231-6.2: Compliance Certification
- 28 34 6 NYCRR 231-6.2: Compliance Certification
- 29 35 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
- 30 36 40CFR 60.48c(g), NSPS Subpart Dc: Compliance Certification
- 30 37 40CFR 63, Subpart JJJJJ: Applicability
- 31 38 40CFR 63, Subpart ZZZZ: Applicability

Emission Unit Level

- 32 39 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
- 32 40 6 NYCRR Subpart 201-6: Process Definition By Emission Unit
- 34 41 6 NYCRR 227-2.4 (d): Compliance Certification
- 35 42 6 NYCRR 227-2.4 (f) (1): Compliance Certification

Permit ID: 2-6304-00404/00004

Facility DEC ID: 2630400404

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- | | |
|----|---|
| 38 | 43 ECL 19-0301: Contaminant List |
| 38 | 44 6 NYCRR 201-1.4: Malfunctions and Start-up/Shutdown Activities |
| 39 | 45 6 NYCRR 201-6.5 (a): CLCPA Applicability |
| 39 | 46 6 NYCRR 211.1: Air pollution prohibited |

Permit ID: 2-6304-00404/00004

Facility DEC ID: 2630400404

FEDERALLY ENFORCEABLE CONDITIONS

Renewal 3/FINAL

**** Facility Level ****

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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

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

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

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

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

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

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

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

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

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

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

Permit ID: 2-6304-00404/00004

Facility DEC ID: 2630400404

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

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

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

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

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

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

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

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

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

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

Permit ID: 2-6304-00404/00004

Facility DEC ID: 2630400404

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

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

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

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

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

i. When additional applicable requirements under the act become applicable to a title V facility with a remaining permit term of three or more years, a reopening shall be completed not later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended by the department pursuant to the provisions of section 201- 6.6 of this Subpart.

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

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

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

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

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

Permit ID: 2-6304-00404/00004

Facility DEC ID: 2630400404

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 04/04/2024 and 04/03/2029**

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

Permit ID: 2-6304-00404/00004

Facility DEC ID: 2630400404

reports required by the permit.

Condition 5: Compliance Certification
Effective between the dates of 04/04/2024 and 04/03/2029

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,

Permit ID: 2-6304-00404/00004

Facility DEC ID: 2630400404

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

Permit ID: 2-6304-00404/00004

Facility DEC ID: 2630400404

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 7/30/2024.
 Subsequent reports are due every 6 calendar month(s).

Condition 6: Compliance Certification
Effective between the dates of 04/04/2024 and 04/03/2029

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

Permit ID: 2-6304-00404/00004

Facility DEC ID: 2630400404

specified in any special permit terms or conditions;
and

- such additional requirements as may be specified elsewhere in this permit related to compliance certification.

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

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

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

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

The address for the RAPCE is as follows:

Regional Air Pollution Control Engineer
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

Permit ID: 2-6304-00404/00004

Facility DEC ID: 2630400404

625 Broadway
Albany, NY 12233-3258

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 45 days after the reporting period.
The initial report is due 2/14/2025.
Subsequent reports are due on the same day each year

Condition 7: Compliance Certification
Effective between the dates of 04/04/2024 and 04/03/2029

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 0 days after the reporting period.
The initial report is due 4/15/2025.
Subsequent reports are due every 12 calendar month(s).

Condition 8: Recordkeeping requirements
Effective between the dates of 04/04/2024 and 04/03/2029

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

Permit ID: 2-6304-00404/00004

Facility DEC ID: 2630400404

Effective between the dates of 04/04/2024 and 04/03/2029

Applicable Federal Requirement: 6 NYCRR 215.2**Item 9.1:**

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

Item 9.2

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

- (a) On-site burning in any town with a total population less than 20,000 of downed limbs and branches (including branches with attached leaves or needles) less than six inches in diameter and eight feet in length between May 15th and the following March 15th. For the purposes of this subdivision, the total population of a town shall include the population of any village or portion thereof located within the town. However, this subdivision shall not be construed to allow burning within any village.
- (b) Barbecue grills, maple sugar arches and similar outdoor cooking devices when actually used for cooking or processing food.
- (c) Small fires used for cooking and camp fires provided that only charcoal or untreated wood is used as fuel and the fire is not left unattended until extinguished.
- (d) On-site burning of agricultural wastes as part of a valid agricultural operation on contiguous agricultural lands larger than five acres actively devoted to agricultural or horticultural use, provided such waste is actually grown or generated on those lands and such waste is capable of being fully burned within a 24-hour period.
- (e) The use of liquid petroleum fueled smudge pots to prevent frost damage to crops.
- (f) Ceremonial or celebratory bonfires where not otherwise prohibited by law, provided that only untreated wood or other agricultural products are used as fuel and the fire is not left unattended until extinguished.
- (g) Small fires that are used to dispose of a flag or religious item, and small fires or other smoke producing process where not otherwise prohibited by law that are used in connection with a religious ceremony.
- (h) Burning on an emergency basis of explosive or other dangerous or contraband materials by police or other public safety organization.
- (i) Prescribed burns performed according to Part 194 of this Title.
- (j) Fire training, including firefighting, fire rescue, and fire/arson investigation training, performed under applicable rules and guidelines of the New York State Department of State's Office of Fire Prevention and Control. For fire training performed on acquired structures, the structures must be emptied and stripped of any material that is toxic, hazardous or likely to emit toxic smoke (such as asbestos, asphalt shingles and vinyl siding or other vinyl products) prior to burning and must be at least 300 feet from other occupied structures. No more than one structure per lot or within a 300 foot radius (whichever is bigger) may be burned in a training exercise.
- (k) Individual open fires as approved by the Director of the Division of Air Resources as may be required in response to an outbreak of a plant or animal disease upon request by the commissioner of the Department of Agriculture and Markets, or for the destruction of invasive plant and insect species.
- (l) Individual open fires that are otherwise authorized under the environmental conservation law, or by rule or regulation of the Department.

Permit ID: 2-6304-00404/00004

Facility DEC ID: 2630400404

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

The following federally enforceable permit conditions are mandatory for all Title V permits and are subject to annual compliance certification requirements only if effectuated during the reporting period.
[NOTE: The corresponding annual compliance certification for those conditions not effectuated during the reporting period shall be specified as "not applicable".]

Condition 10: Maintenance of Equipment
Effective between the dates of 04/04/2024 and 04/03/2029

Applicable Federal Requirement:6 NYCRR 200.7

Item 10.1:

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

Condition 11: Recycling and Salvage
Effective between the dates of 04/04/2024 and 04/03/2029

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 04/04/2024 and 04/03/2029

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 04/04/2024 and 04/03/2029

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

Permit ID: 2-6304-00404/00004

Facility DEC ID: 2630400404

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 04/04/2024 and 04/03/2029

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 04/04/2024 and 04/03/2029

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

Item 15.1:

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

Condition 16: Right to Inspect
Effective between the dates of 04/04/2024 and 04/03/2029

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

Item 16.1:

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

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

Permit ID: 2-6304-00404/00004

Facility DEC ID: 2630400404

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

Condition 17: Accidental release provisions.

Effective between the dates of 04/04/2024 and 04/03/2029

Applicable Federal Requirement:40 CFR Part 68

Item 17.1:

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 18: Recycling and Emissions Reduction

Effective between the dates of 04/04/2024 and 04/03/2029

Applicable Federal Requirement:40CFR 82, Subpart F

Item 18.1:

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 19: Emission Unit Definition

Effective between the dates of 04/04/2024 and 04/03/2029

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Permit ID: 2-6304-00404/00004

Facility DEC ID: 2630400404

Item 19.1:

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

Emission Unit: 1-STACK

Emission Unit Description:

The emission unit consists of six internal combustion engines and three boilers.

Three engines NO.2 fuel oil fired engines (OENG2, OENG4 and OENG6) are compression ignition, lean burn engines.

Engines, OENG2 & OENG4 are Caterpillar model D399, rated at 850 kw each and the third engine (OENG6) is a Caterpillar model D3516, rated at 1600 kw.

The three natural gas fired engines (OENG1, OENG3, and OENG5) are caterpillar model G399, rated at 650 kw each, and are spark ignition, rich burn engines.

All six engines exhaust through a common stack (emission Point 00002).

The old boilers have been replaced by three (3) new Easco Boiler Corp models FST-250, FST-400, and ISB-400. The FST-250 boiler is rated at 10.46 MMBtu/hr., while FST-400 and ISB-400 are rated at approximately 16.74 MMBtu/hr. The three new boilers have commenced operation. All three boilers exhaust through a common stack (emission point 00001).

Building(s): BLDG3

Condition 20: Progress Reports Due Semiannually

Effective between the dates of 04/04/2024 and 04/03/2029

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

Item 20.1:

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 21: Operational Flexibility

Effective between the dates of 04/04/2024 and 04/03/2029

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

Permit ID: 2-6304-00404/00004

Facility DEC ID: 2630400404

Item 21.1:

A permit modification is not required for changes that are provided for in the permit. Such changes include approved alternate operating scenarios and changes that have been submitted and approved pursuant to an established operational flexibility protocol and the requirements of this section. Each such change cannot be a modification under any provision of Title I of the Clean Air Act or exceed, or cause the facility to exceed, an emissions cap or limitation in the permit. The facility owner or operator must incorporate all changes into any compliance certifications, record keeping, and/or reporting required by the permit.

Condition 22: Required Emissions Tests - Facility Level
Effective between the dates of 04/04/2024 and 04/03/2029

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 22.1:

An acceptable report of measured emissions shall be submitted, as required by the commissioner, to ascertain compliance or noncompliance with any air pollution code, rule, or regulation.

Condition 23: Acceptable procedures
Effective between the dates of 04/04/2024 and 04/03/2029

Applicable Federal Requirement:6 NYCRR 202-1.3 (a)

Item 23.1:

Emission testing, sampling and analytical determinations to ascertain compliance with this Subchapter shall be conducted in accordance with test methods acceptable to the commissioner. The Reference Methods contained in part 60, appendix A and part 61, appendix B of title 40 of the Code of Federal Regulations and all future technical revisions, additions or corrections made thereto shall be considered as acceptable test methods for those sources and contaminants for which they are expressly applicable, except where the commissioner has issued a specific method to be used instead of a Reference Method contained in these Federal regulations or where the commissioner determines that one or more alternate methods are also acceptable. The person who owns or operates an air contamination source shall submit the emission test report in triplicate, to the commissioner within 60 days after the completion of tests. In the event such source owner/operator can demonstrate to the commissioner such time is not sufficient, he may request in writing and be granted an extension. Where an opacity emission standard is applicable to the source tested, the emission test report shall include the opacity observation.

Condition 24: Statement dates for emissions statements.
Effective between the dates of 04/04/2024 and 04/03/2029

Applicable Federal Requirement:6 NYCRR 202-2.4 (a) (3)

Item 24.1:

This facility is required to submit an annual emission statement electronically and these emissions statements must be submitted to the department as per the following schedule:

(i) March 15th of each year for facilities with three or fewer processes listed in their Title V permit:

Permit ID: 2-6304-00404/00004

Facility DEC ID: 2630400404

- (ii) March 31st of each year for facilities with four to six processes listed in their Title V permit:
- (iii) April 15th of each year for facilities with 7 to 12 processes listed in their Title V permit:
- (iv) April 30th of each year for facilities with 13 or more processes listed in their Title V permit.

Condition 25: Visible Emissions Limited
Effective between the dates of 04/04/2024 and 04/03/2029

Applicable Federal Requirement:6 NYCRR 211.2

Item 25.1:

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 26: Compliance Certification
Effective between the dates of 04/04/2024 and 04/03/2029

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

Item 26.1:

The Compliance Certification activity will be performed for the Facility.

Item 26.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Owners or operators of emission sources that fire distillate oil are limited to a 0.0015 percent sulfur content by weight of the fuel. 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.

Note - Process sources and incinerators must comply with the above requirements on or after July 1, 2023.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL
Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 0.0015 percent by weight
Monitoring Frequency: PER DELIVERY

Permit ID: 2-6304-00404/00004

Facility DEC ID: 2630400404

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2024.

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

Condition 27: Compliance Certification

Effective between the dates of 04/04/2024 and 04/03/2029

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

Item 27.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-STACK Process: PEG	Emission Source: 0ENG1
Emission Unit: 1-STACK Process: PEG	Emission Source: 0ENG3
Emission Unit: 1-STACK Process: PEG	Emission Source: 0ENG5
Emission Unit: 1-STACK Process: PEO	Emission Source: 0ENG2
Emission Unit: 1-STACK Process: PEO	Emission Source: 0ENG4
Emission Unit: 1-STACK Process: PEO	Emission Source: 0ENG6

Item 27.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a stationary combustion installation must perform an annual tune-up on each emission source subject to 6 NYCRR Subpart 227-1. Records of the tune-up shall be maintained at the facility or at a Department approved alternative location for a minimum of five years. The records shall, at a minimum, include the date the tune-up(s) occurred and the details of the tune-up procedures for each emission source.

Monitoring Frequency: ANNUALLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2024.

Permit ID: 2-6304-00404/00004

Facility DEC ID: 2630400404

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

Condition 28: Compliance Certification
Effective between the dates of 04/04/2024 and 04/03/2029

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

Item 28.1:

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

Emission Unit: 1-STACK Process: PBG	Emission Point: 00001
Emission Unit: 1-STACK Process: PBO	Emission Point: 00001
Emission Unit: 1-STACK Process: PEG	Emission Point: 00002
Emission Unit: 1-STACK Process: PEO	Emission Point: 00002

Item 28.2:

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 stationary combustion installation subject to this Subpart shall operate an emission source which exhibits greater than 20 percent opacity (based on a six minute average), except for one 6 minute period per hour of not more than 27 percent opacity. The owner or operator will conduct a Method 9 test annually. A report of the results of the test will be submitted to the Department within 30 days of the completion of the Method 9 test. All records generated by the permittee must be maintained at the facility or at an alternative location approved by the Department for a minimum of five years.

Parameter Monitored: OPACITY
 Upper Permit Limit: 20 percent
 Reference Test Method: 40 CFR 60, Appendix A, Method 9
 Monitoring Frequency: ANNUALLY
 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 7/30/2024.
 Subsequent reports are due every 6 calendar month(s).

Permit ID: 2-6304-00404/00004

Facility DEC ID: 2630400404

Condition 29: Compliance Certification
Effective between the dates of 04/04/2024 and 04/03/2029

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

Item 29.1:

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

Emission Unit: 1-STACK Process: PBO	Emission Source: 00NB1
Emission Unit: 1-STACK Process: PBO	Emission Source: 00NB2
Emission Unit: 1-STACK Process: PBO	Emission Source: 00NB3
Emission Unit: 1-STACK Process: PEO	Emission Source: 0ENG2
Emission Unit: 1-STACK Process: PEO	Emission Source: 0ENG4
Emission Unit: 1-STACK Process: PEO	Emission Source: 0ENG6

Item 29.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Operators of oil firing emission sources subject to 6 NYCRR Subpart 227-1 which do not employ a continuous opacity monitor for measuring smoke emissions, shall be required to perform the following:

- 1) Observe the stack for each emission source which is operating on oil once per day for visible emissions. This observation(s) must be conducted during daylight hours except during adverse weather conditions (fog, rain, or snow).
- 2) The results of each observation must be recorded in a bound logbook or other format acceptable to the Department. The following data must be recorded for each stack:
 - date and time of day
 - observer's name
 - identity of the emission point
 - weather conditions
 - was a plume observed?

Permit ID: 2-6304-00404/00004

Facility DEC ID: 2630400404

Emission Unit: 1-STACK

Process: PEO

Emission Source: 0ENG6

Regulated Contaminant(s):

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

Item 30.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Three engines burning No. 2 fuel oil will produce no more than 80% of the power requirement limited at a total of 11 million kwh/yr. The rest will come from the three natural gas fired engines.

The facility shall monitor power output in Kilowatt hours continuously. The owner or operator will maintain records on-site for a minimum of five years.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Parameter Monitored: ELECTRICAL OUTPUT

Upper Permit Limit: 8800 megawatt-hours per year

Reference Test Method: CATERPILLAR KWH METE

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2024.

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

Condition 31: Compliance Certification

Effective between the dates of 04/04/2024 and 04/03/2029

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

Item 31.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-STACK

Process: PEG

Emission Source: 0ENG1

Emission Unit: 1-STACK

Process: PEG

Emission Source: 0ENG3

Emission Unit: 1-STACK

Process: PEG

Emission Source: 0ENG5

Emission Unit: 1-STACK

Permit ID: 2-6304-00404/00004

Facility DEC ID: 2630400404

Process: PEO Emission Source: 0ENG2

Emission Unit: 1-STACK
Process: PEO Emission Source: 0ENG4

Emission Unit: 1-STACK
Process: PEO Emission Source: 0ENG6

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

Item 31.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The total electrical output limit of six engines. The facility shall monitor power output in Kilowatt hours continuously.

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

Parameter Monitored: ELECTRICAL OUTPUT
Upper Permit Limit: 11,000,000 kilowatt hours
Monitoring Frequency: CONTINUOUS
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (ANNIVERSARY)
Initial Report Due: 11/02/2024 for the period 04/04/2024 through 10/03/2024

Condition 32: Compliance Certification
Effective between the dates of 04/04/2024 and 04/03/2029

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

Item 32.1:

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

Emission Unit: 1-STACK Emission Point: 00002
Process: PEO Emission Source: 0ENG2

Emission Unit: 1-STACK Emission Point: 00002
Process: PEO Emission Source: 0ENG4

Emission Unit: 1-STACK Emission Point: 00002
Process: PEO Emission Source: 0ENG6

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

Permit ID: 2-6304-00404/00004

Facility DEC ID: 2630400404

Item 32.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Alternate NOx RACT limit for the three engines is 5.0grams/bhp-hr as demonstrated in the June 2022 NOx RACT analysis. The facility shall submit a testing protocol to the Department for approval a minimum of 90 days prior to any stack testing.

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

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 5.0 grams per brake horsepower-hour

Reference Test Method: 40 CFR 60 Appendix A - Method 7, 7E, or 19

Monitoring Frequency: Once every five years

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2024.

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

Condition 33: Compliance Certification

Effective between the dates of 04/04/2024 and 04/03/2029

Applicable Federal Requirement:6 NYCRR 231-6.2

Item 33.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-STACK

Process: PBG

Emission Source: 00NB1

Emission Unit: 1-STACK

Process: PBG

Emission Source: 00NB2

Emission Unit: 1-STACK

Process: PBG

Emission Source: 00NB3

Emission Unit: 1-STACK

Process: PBO

Emission Source: 00NB1

Emission Unit: 1-STACK

Process: PBO

Emission Source: 00NB2

Emission Unit: 1-STACK

Process: PBO

Emission Source: 00NB3

Regulated Contaminant(s):

Permit ID: 2-6304-00404/00004

Facility DEC ID: 2630400404

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

Item 33.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Total annual NOx emissions from the three boilers shall be limited to 19.24 tons per year on a 12-month rolling basis. The facility shall calculate the monthly and 12-month NOx emissions using fuel usage and most recent AP-42 emission factors. The following formula shall be used to calculate the NOx emissions to demonstrate compliance with the annual NOx emission limit:

$$(V_{oil} \times A + V_{gas} \times B) \times 1 \text{ ton}/2000 \text{ lbs} < 19.24 \text{ tons/year}$$

Where :

V_{oil} = 12-month rolling No.2 distillate fuel oil consumed in 1000 gallons

A = AP-42 Table 1.3-1 NOx emission factor (20 lbs/1000gallons)

V_{gas} = 12-month rolling natural gas consumed in million scf

B = AP-42 Table 1.4-1 NOx emission factor (100 lbs/million scf)

The facility shall keep on site records to demonstrate compliance with this limit for a minimum period of five years.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 19.24 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2024.

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

Condition 34: Compliance Certification

Effective between the dates of 04/04/2024 and 04/03/2029

Applicable Federal Requirement:6 NYCRR 231-6.2

Item 34.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Permit ID: 2-6304-00404/00004

Facility DEC ID: 2630400404

Emission Unit: 1-STACK
 Process: PBO Emission Source: 00NB1

Emission Unit: 1-STACK
 Process: PBO Emission Source: 00NB2

Emission Unit: 1-STACK
 Process: PBO Emission Source: 00NB3

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

Item 34.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Annual NOx emissions from the process PBO, the firing of No.2 fuel oil in the three boilers, rolled on a monthly basis, shall not exceed 6.92 tons and shall be calculated on a monthly basis by monitoring the fuel consumption of No.2 fuel oil through the boilers.

The following formula shall be used to calculate the NOx emissions to demonstrate compliance with this cap:

$$(V_{oil} \times A + V_{gas} \times B) \times 1 \text{ ton}/2000 \text{ lbs} < 6.92 \text{ tons/year}$$

where:

V_{oil} = 12-month rolling No.2 distillate fuel oil consumed in 1000 gallons

A = AP-42 Table 1.3-1 NOx emission factor (20 lbs/1000gallons)

The facility shall keep on site records to demonstrate compliance with this limit for a minimum period of five years.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 6.92 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2024.

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

Condition 35: EPA Region 2 address.

Effective between the dates of 04/04/2024 and 04/03/2029

Applicable Federal Requirement:40CFR 60.4, NSPS Subpart A

Permit ID: 2-6304-00404/00004

Facility DEC ID: 2630400404

Item 35.1:

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

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

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

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

Condition 36: Compliance Certification
Effective between the dates of 04/04/2024 and 04/03/2029

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

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 owner or operator of an affected facility shall record and maintain records of the amounts of each fuel combusted during each day.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2024.

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

Condition 37: Applicability
Effective between the dates of 04/04/2024 and 04/03/2029

Applicable Federal Requirement:40CFR 63, Subpart JJJJJ

Item 37.1:

This Condition applies to:

Permit ID: 2-6304-00404/00004

Facility DEC ID: 2630400404

Emission Unit: 1STACK
 Process: PBG Emission Source: 00NB1

Emission Unit: 1STACK
 Process: PBG Emission Source: 00NB2

Emission Unit: 1STACK
 Process: PBG Emission Source: 00NB3

Emission Unit: 1STACK
 Process: PBO Emission Source: 00NB1

Emission Unit: 1STACK
 Process: PBO Emission Source: 00NB2

Emission Unit: 1STACK
 Process: PBO Emission Source: 00NB3

Item 37.2:

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

Condition 38: Applicability
Effective between the dates of 04/04/2024 and 04/03/2029

Applicable Federal Requirement:40CFR 63, Subpart ZZZZ

Item 38.1:

This Condition applies to:

Emission Unit: 1STACK
 Process: PEG Emission Source: 0ENG1

Emission Unit: 1STACK
 Process: PEG Emission Source: 0ENG3

Emission Unit: 1STACK
 Process: PEG Emission Source: 0ENG5

Emission Unit: 1STACK
 Process: PEO Emission Source: 0ENG2

Emission Unit: 1STACK
 Process: PEO Emission Source: 0ENG4

Emission Unit: 1STACK
 Process: PEO Emission Source: 0ENG6

Item 38.2:

Facilities that have reciprocating internal combustion engines must comply with applicable

Permit ID: 2-6304-00404/00004

Facility DEC ID: 2630400404

portions of 40 CFR 63 Subpart ZZZZ.

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

Condition 39: Emission Point Definition By Emission Unit
Effective between the dates of 04/04/2024 and 04/03/2029

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: 1-STACK

Emission Point: 00001

Height (ft.): 212 Diameter (in.): 40
 NYTMN (km.): 4510.75 NYTME (km.): 592.17 Building: BLDG3

Emission Point: 00002

Height (ft.): 205 Diameter (in.): 36
 NYTMN (km.): 4510.75 NYTME (km.): 592.7 Building: BLDG3

Condition 40: Process Definition By Emission Unit
Effective between the dates of 04/04/2024 and 04/03/2029

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: 1-STACK

Process: PBG Source Classification Code: 1-03-006-02

Process Description:

This process is for the firing of Natural gas as primary fuel in the three new Easco boilers

Emission Source/Control: 00NB1 - Combustion

Design Capacity: 10.46 million Btu per hour

Emission Source/Control: 00NB2 - Combustion

Design Capacity: 16.74 million Btu per hour

Emission Source/Control: 00NB3 - Combustion

Design Capacity: 16.74 million Btu per hour

Item 40.2:

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

Emission Unit: 1-STACK

Permit ID: 2-6304-00404/00004

Facility DEC ID: 2630400404

Process: PBO Source Classification Code: 1-03-005-02

Process Description:

This process is for the firing of Distillate No. 2 fuel oil as backup fuel in the three new Easco boilers. The No. 2 fuel oil is used only as a backup during periods of interruptible natural gas supply.

Emission Source/Control: 00NB1 - Combustion
Design Capacity: 10.46 million Btu per hour

Emission Source/Control: 00NB2 - Combustion
Design Capacity: 16.74 million Btu per hour

Emission Source/Control: 00NB3 - Combustion
Design Capacity: 16.74 million Btu per hour

Item 40.3:

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

Emission Unit: 1-STACK

Process: PEG Source Classification Code: 2-03-002-01

Process Description:

Combustion of natural gas in the caterpillar engine generator set model G399 engines.

Emission Source/Control: 0ENG1 - Combustion
Design Capacity: 650 kilowatts

Emission Source/Control: 0ENG3 - Combustion
Design Capacity: 650 kilowatts

Emission Source/Control: 0ENG5 - Combustion
Design Capacity: 650 kilowatts

Item 40.4:

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

Emission Unit: 1-STACK

Process: PEO Source Classification Code: 2-02-004-01

Process Description:

Combustion of No.2 distillate oil in three (3) caterpillar engine generator sets, two (2) model D399's and one (1) model D3516. Each generator set includes a 16-cylinder, 4 stroke water cooled engine running on no.2 fuel oil. Electrical power is generated by a revolving field, 3-phase cat generator coupled at each of the three engines. Exhaust heat is captured in three waste-heat exchangers before being exhausted through a common 24-inch diameter manifold. These engines are housed in the power plant and discharge underground to a common stack.

Permit ID: 2-6304-00404/00004

Facility DEC ID: 2630400404

Permit ID: 2-6304-00404/00004

Facility DEC ID: 2630400404

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 shall operate the facility in accordance with all

Permit ID: 2-6304-00404/00004

Facility DEC ID: 2630400404

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 43: Contaminant List

Effective between the dates of 04/04/2024 and 04/03/2029

Applicable State Requirement: ECL 19-0301

Item 43.1:

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

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

Condition 44: Malfunctions and Start-up/Shutdown Activities

Effective between the dates of 04/04/2024 and 04/03/2029

Applicable State Requirement: 6 NYCRR 201-1.4

Item 44.1:

(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 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,

Permit ID: 2-6304-00404/00004

Facility DEC ID: 2630400404

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 45: CLCPA Applicability
Effective between the dates of 04/04/2024 and 04/03/2029

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

Item 45.1:

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 46: Air pollution prohibited
Effective between the dates of 04/04/2024 and 04/03/2029

Applicable State Requirement:6 NYCRR 211.1

Item 46.1:

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

Permit ID: 2-6304-00404/00004

Facility DEC ID: 2630400404

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.

Permit ID: 2-6304-00404/00004

Facility DEC ID: 2630400404