

Facility DEC ID: 2620400059

PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 2-6204-00059/00001
Effective Date:

Expiration Date:

Permit Issued To: MOUNT SINAI MEDICAL CENTER
1 GUSTAVE L LEVY PL
NEW YORK, NY 10029-6504

Contact: SALVATORE J TRANCHINA
MOUNT SINAI MEDICAL CENTER
1 GUSTAVE L LEVY PL
NEW YORK, NY 10029
(212) 659-9045

Facility: MOUNT SINAI HOSPITAL
1 GUSTAVE L LEVY PL | 1450 MADISON AVE
NEW YORK, NY 10029

Contact: DALE WILSON
MOUNT SINAI DIRECTOR INSTITUTIONAL SAFETY
1 GUSTAVE LEVY PL BOX 1091- ATRAN-BERG B2-56A
NEW YORK, NY 10029
(646) 357-6100

Description:

PERMIT DESCRIPTION
Mount Sinai Hospital
DEC ID # 2-6204-00059/00001 ATV (Ren 4)

Mount Sinai Medical Center, located at 1 Gustave Levy Place in New York, New York, is a complete research and teaching hospital and consists of the Mount Sinai Hospital and Mount Sinai School of Medicine. The Industrial Classification Code (SIC) is 8062- Medical Facility. The facility operates six (6) Victory Energy steam generating boilers (BLR01, BLR02, BLR03, BLR04, BLR05, & BLR06) in Emission Unit U-B0001; four (4) Caterpillar CAT 3512C electric generators (ENG01, ENG02, ENG03, ENG04) in Emission Unit U-CDRP, participating in a Coordinated Demand Response Program (CDRP); and twelve emergency generators from the Annenberg Pavilion Building.

All six Victory Energy boilers are capable of firing natural gas as the primary fuel and #2 fuel oil as backup fuel. Boilers BLR01, BLR02, BLR03 & BLR04 in Emission Unit UB0001, are each rated at 60 MM Btu heat input per hour and 50,000 lbs. of steam per hour. Boilers BLR05 & BLR06, are each rated at 95 MM Btu heat input per hour and 80,000 lbs. of steam per hour. All six Victory

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Energy boilers are complete with low NO_x burners (LNB) and flue gas recirculation for NO_x emission reduction. All six boilers and their common stack (Emission Point B0001) are located in the Annenberg Building. The stack has a continuous opacity monitor (COMS). Boilers are subject to the requirements of 6 NYCRR Subpart 227 Stationary Combustion Installations. Boilers must comply with particulate emission and opacity standards under Subpart 227-1. Boilers must also comply with the presumptive NO_x RACT emission limit of 0.08 pounds NO_x per million Btu for mid-size boilers firing distillate oil/gas under Subpart 227-2.

The four (4) Caterpillar CAT3512C electric generators (Emission Sources ENG01, ENG02, ENG03, & ENG04), participating in a Coordinated Demand Response Program (CRDM), are each rated 2010 bhp-hr or 1500 electrical kilowatts (EKW). Each emission source is a 2018 model year engine with Tier II emission rates, limited to operating 200 hours per calendar year. The electric generators fire ultra -low sulfur diesel fuel. Each of the four generators comprising Emission Unit U-CDRP exhaust emissions its own stack. Each engine is classified as Tier 2 emission ratings as follows:

NMHC + NO_x – 4.8 grams per bhp-hr
CO – 2.6 grams per bhp-hr, and
PM – 0.15 grams per bhp-hr.

Since a peak shaving / CDRP unit is not an emergency power generator unit, it is not an exempt source. 6NYCRR 227-2.4 (f) requires these engines to meet presumptive NO_x RACT emission limit of 2.3 grams per brake horsepower-hour (bhp-hr). The facility will operate these engines under an alternative compliance option (NO_x RACT variance), with a NO_x emission limit of 4.54 grams per bhp-hr instead of 2.3 grams per bhp-hr based upon unfavorable economics associated with the NO_x emission reduction of SCR. Operation with NO_x RACT variance is approved by the Department until September 31, 2026, after which ENG01, ENG02, ENG03, & ENG04 will operate as emergency use only. These emission sources are not applicable to New Source Review, 6NYCRR 231-2, based upon limiting the operation hours of each engine to 200 hours annually.

The facility campus has twelve (12) diesel generators at the Annenberg Building, which are used as an emergency backup power source and can fire distillate fuel oil (#2 fuel oil). Each emergency generator is exempt from permitting requirements as an emission source provided restrictive operation is maintained.

The facility campus has one fuel tank, Tank #006 (Emission Source TK006), which is a 20,000-gallon distillate fuel oil storage tank, for which the facility is required to have available the tank dimensions and an analysis showing the

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capacity of the tank to comply with New Source Performance Standards (NSPS) of 40 CFR Part 60, Subpart Kb. The rest of the eight (8) tanks at the facility were constructed before the applicability dates for Subpart K, Ka, and Kb or are smaller in capacity than the applicability capacity (volume).

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: CAITLYN P NICHOLS
1 HUNTERS POINT PLAZA
47-40 21ST ST
LONG ISLAND CITY, NY 11101

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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Facility Level

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REGION 2 HEADQUARTERS

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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 the statute, regulation or another permit condition. Applications for permit transfer should be

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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

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ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

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Facility: MOUNT SINAI HOSPITAL
1 GUSTAVE L LEVY PL | 1450 MADISON AVE
NEW YORK, NY 10029

Authorized Activity By Standard Industrial Classification Code:
8062 - GENERAL MEDICAL & SURGICAL HOSPITALS

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 - 21 26 6 NYCRR 211.2: Visible Emissions Limited
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- 37 40 6 NYCRR 227-2.4 (c) (1): Compliance Certification

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EU=U-B0001,EP=B0001

- 38 41 6 NYCRR Subpart 201-6: Compliance Certification
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- 40 43 6 NYCRR 227-1.4 (a): Compliance Certification

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- 42 45 6 NYCRR 201-1.4: Malfunctions and Start-up/Shutdown Activities
- 43 46 6 NYCRR 211.1: Air pollution prohibited
- 43 47 6 NYCRR 253-1.4: Compliance Demonstration
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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 by the permittee for a permit modification, revocation and

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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

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

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

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

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

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

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

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

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

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

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

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

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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 for entire length of Permit****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

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contravention occurs or may occur, the Commissioner shall specify the degree and/or method of emission control required.

Condition 2: Fees
Effective for entire length of Permit

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 for entire length of Permit

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: Compliance Certification
Effective for entire length of Permit

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

Item 4.1:

The Compliance Certification activity will be performed for the Facility.

Item 4.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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The owner or operator of a Title V facility must keep all records used to determine compliance with any applicable limit(s) and/or monitoring requirement(s) at the facility (or other Department approved location) for a minimum of five years.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 5: Compliance Certification
Effective for entire length of Permit**

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.

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(2) For emissions of any regulated air pollutant, excluding those listed in paragraph (1) of this section, that continue for more than two hours in excess of permit requirements, the report must be made within 48 hours.

(3) For all other deviations from permit requirements, the report shall be contained in the 6 month monitoring report required above.

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

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

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

In the case of any condition contained in this permit with a reporting requirement of "Upon request by regulatory agency" the permittee shall include in the semiannual report, a statement for each such condition that the

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monitoring or recordkeeping was performed as required or requested and a listing of all instances of deviations from these requirements.

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

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 6: Compliance Certification
Effective for entire length of Permit**

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

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permit that is the basis of the certification;

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

and

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

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

iii. Compliance certifications shall be submitted annually. Certification reports are due 30 days after the anniversary date of four consecutive calendar quarters. 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
Hunters Point Plaza
47-40 21st Street
Long Island City, NY 11101-5407

The address for the BQA is as follows:

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

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2027.
Subsequent reports are due on the same day each year

Condition 7: Recordkeeping requirements
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 202-2.5

Item 7.1:

(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 8: Open Fires - Prohibitions
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 215.2

Item 8.1:

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 8.2

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.

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

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

The following federally enforceable permit conditions are mandatory for all Title V permits and are subject to annual compliance certification requirements only if effectuated during the reporting period.

[NOTE: The corresponding annual compliance certification for those conditions not effectuated during the reporting period shall be specified as "not applicable".]

**Condition 9: Maintenance of Equipment
Effective for entire length of Permit**

Applicable Federal Requirement: 6 NYCRR 200.7

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Item 9.1:

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 10: Recycling and Salvage
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 201-1.7

Item 10.1:

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 11: Prohibition of Reintroduction of Collected Contaminants to the air
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 201-1.8

Item 11.1:

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 12: Exempt Sources - Proof of Eligibility
Effective for entire length of Permit

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

Item 12.1:

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 13: Trivial Sources - Proof of Eligibility
Effective for entire length of Permit

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

Item 13.1:

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 14: Requirement to Provide Information

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Effective for entire length of Permit

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

Item 14.1:

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 15: Right to Inspect
Effective for entire length of Permit

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

Item 15.1:

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

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

Condition 16: Required Emissions Tests
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 16.1:

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

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**Condition 17: Accidental release provisions.
Effective for entire length of Permit**

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 for entire length of Permit**

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 for entire length of Permit**

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 19.1:

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

Emission Unit: U-B0001

Emission Unit Description:

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Emission Unit U-B0001 consists of a total of six (6) Victory Energy Voyager Series boilers. Boilers identified as Emission Sources BLR01, BLR02, BLR03 & BLR04 are identical and boilers identified as Emission Sources BLR05 & BLR06 are identical. All six boilers have corresponding Low NOX Burners (LNB) and flue gas recirculation (FGR) Emission Controls - BRLC1, BLRC2, BLRC3 BLRC4, BLRC5 & BLRC6; respectively to meet the NOx emission limit of 0.08 lb NOx per million BTU heat input for "midsize" boilers firing distillate oil or natural gas under 6 NYCRR 227-2.4(c).

BLR01, BLR02, BLR03 & BLR04 each have nominal rated heat input capacity of 60 MM Btu/hr and 50,000 pounds/hr of steam output. Boilers burn natural gas (Process G41) as the primary fuel, and #2 fuel oil (Process O41) as the back-up fuel

BLR05 & BLR06 each have nominal rated heat input capacity of 95 MM Btu/hr and 80,000 pounds/hr of steam output. Boilers burn natural gas (Process G65) as the primary fuel and #2 fuel oil (Process O65) as the back-up fuel.

Emissions from all of the six boilers are exhausted through one common stack, identified as Emission Point B0001. All six boilers and their common stack (Emission Point B0001) are located in the Annenberg Building. The stack has a continuous opacity monitor (COMS).

The boiler plant design concept is the typical "N+1" for hospital facilities. The facility demand is met by BLR05 & BLR06 and three of the four, BLR01, BLR02, BLR03 & BLR04. The maximum total steam output from five of the six installed boilers is 310,000 lbs per hour and the corresponding maximum heat input is 370 MM Btu/hr.

Building(s): ANNENBERG

Item 19.2:

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

Emission Unit: U--CDRP

Emission Unit Description:

Emission Unit U-CDRP consists of four(4) electric generators installed inside an outdoor enclosure on the roof of the Klingenstein Clinical Center (KCC) building. Each generator is equipped with a Caterpillar Model 3512C engine rated at 2206 brake horsepower (bhp-hr) and 1500 electrical kilowatts (EKW), and firing distillate (diesel) fuel oil at 100 % load. Each of the engine is a 2018 model year with Tier II emission rates.

The four engines are identified as Emission Sources ENG01,

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ENG02, ENG03 and ENG04, and each generator will have its own stack, Emission Points EPTG1, EPTG2, EPTG3 and EPTG4, with the exit about 25 feet above the roof level, about 125 feet above the ground level.

The generators are permitted for providing emergency power to the MSMC complex and for participation in Coordinated Demand Response Program (CDRP) until September 30, 2026. After September 30, 2026, Emission Unit-CDRP and its associated engines are permitted for emergency use only. Each engine will be restricted to operate up to 200 hours per year.

Building(s): KCC

**Condition 20: Progress Reports Due Semiannually
Effective for entire length of Permit**

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 for entire length of Permit**

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

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: Non Applicable requirements
Effective for entire length of Permit**

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

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Item 22.1:

This section contains a summary of those requirements that have been specifically identified as being not applicable to this facility and/or emission units, emission points, processes and/or emission sources within this facility. The summary also includes a justification for classifying any such requirements as non-applicable.

Condition 23: Notification
Effective for entire length of Permit**Applicable Federal Requirement:6 NYCRR 202-1.2****Item 23.1:**

A person who is required by the Department to submit a stack test report shall notify the Department, in writing, not less than 30 days prior to the test, of the time and date of the test. Such notification shall also include the acceptable procedures to be used to stack test including sampling and analytical procedures. Such person shall allow a representative of the Department free access to observe stack testing being conducted by such person.

Condition 24: Acceptable procedures
Effective for entire length of Permit**Applicable Federal Requirement:6 NYCRR 202-1.3****Item 24.1:**

Emission testing, sampling, and analytical determinations to ascertain compliance with this Subpart shall be conducted in accordance with test methods acceptable to the commissioner.

Condition 25: Statement dates for emissions statements.
Effective for entire length of Permit**Applicable Federal Requirement:6 NYCRR 202-2.4 (a) (3)****Item 25.1:**

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:
- (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 26: Visible Emissions Limited

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Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 211.2

Item 26.1:

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 27: Compliance Certification
Effective for entire length of Permit**

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

Item 27.1:

The Compliance Certification activity will be performed for the Facility.

Item 27.2:

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

**Condition 28: Compliance Certification
Effective for entire length of Permit**

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

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Item 28.1:

The Compliance Certification activity will be performed for the Facility.

Item 28.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Any owner or operator of a stationary combustion installation (excluding combustion turbines) or a group of stationary combustion installations firing oil or oil in combination with other liquid or gaseous fuels with a total maximum heat input capacity of at least 50 million Btus per hour is required to meet the 0.1 lbs/mmBtu particulate matter standard. Compliance with this standard will be met by keeping vendor certified fuel receipts which contain the sulfur content of the oil being fired as required in Subpart 225-1 of this Title.

Monitoring Frequency: PER DELIVERY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 29: Compliance Certification
Effective for entire length of Permit**

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

Item 29.1:

The Compliance Certification activity will be performed for the Facility.

Item 29.2:

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.

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

Condition 30: Compliance Certification

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Effective for entire length of Permit

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

Item 30.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U--CDRP Process: ENG	Emission Point: EPTG1 Emission Source: ENG01
Emission Unit: U--CDRP Process: ENG	Emission Point: EPTG2 Emission Source: ENG02
Emission Unit: U--CDRP Process: ENG	Emission Point: EPTG3 Emission Source: ENG03
Emission Unit: U--CDRP Process: ENG	Emission Point: EPTG4 Emission Source: ENG04

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

Item 30.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Engines are required to comply with 4.54 grams of NOx per bhp-hr emission limit as per the approved NOx RACT Variance (alternative compliance option emission limit).

Mount Sinai Hospital is required to perform stack testing once every five (5) years for each of the four (4) Caterpillar Model 3512C electric engine generators (Emission Sources ENG01, ENG02, ENG03 & ENG04) while subject to NYCRR 227-2.

Each of the four generators will fire distillate (diesel) fuel oil at 100 % load. Each of the four new Caterpillar CAT 3512C electric generator is rated at 2206 bhp-hr or 1500 electrical kilowatts (EKW) and is a 2018 model year with Tier II emission rates.

With the issuance of this permit renewal, the alternative NOx emission limit as RACT of 4.54 grams per brake horsepower-hour as a compliance option for each of the four (4) Caterpillar Model 3512C electric engine generators, identified as ENG01, ENG02, ENG03 and ENG04 in Emission Unit U-CDRP is extended by the Department until September 30, 2026. After September 30, 2026, alternative

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NOx RACT limit approval is considered expired and engines will be operated as emergency use only.

Process specific RACT determinations that are included in this permit action will be submitted to the United State Enviromental Protection Agency for approval as a revision to the State Implementation Plan (SIP).

Compliance test protocol must be submitted to the Department for approval at least 90 days prior to emission testing.

Compliance test report containing the results of the emission test must be submitted to the Department for approval no later than 60 days after completion of the emission test.

Manufacturer Name/Model Number: Caterpillar Model 3512C electric generators (1500 Electric Kilowatts)

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 4.54 grams per brake horsepower-hour

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

Monitoring Frequency: Once every five years

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE -
SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 31: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 231-6.2

Item 31.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U--CDRP	Emission Point: EPTG1
Process: ENG	Emission Source: ENG01

Emission Unit: U--CDRP	Emission Point: EPTG2
Process: ENG	Emission Source: ENG02

Emission Unit: U--CDRP	Emission Point: EPTG3
Process: ENG	Emission Source: ENG03

Emission Unit: U--CDRP	Emission Point: EPTG4
Process: ENG	Emission Source: ENG04

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

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Item 31.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Monitor and record the hours of operation and fuel consumption on an annual calendar basis for each of the four (4) Caterpillar Model 3512C electric engine generators (Emission Sources ENG01, ENG02, ENG03 & ENG04) in Emission Unit U-CDRP, located on the roof of the Klingenstein Clinical Center (KCC) building.

The four 2010 bhp-hr or 1500 Kilowatts electric generators are installed inside an outdoor enclosure on the roof of the Klingenstein Clinical Center (KCC) building located at 1450 Madison Avenue, New York, NY 10029.

The limit of the hours of operation for each of the four (4) Caterpillar Model 3512C electric engine generators is 200 per year.

Work Practice Type: HOURS PER YEAR OPERATION

Manufacturer Name/Model Number: Caterpillar Model 3512C

Upper Permit Limit: 200 hours

Monitoring Frequency: MONTHLY

Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 32: Applicability of Subpart A General Provisions
Effective for entire length of Permit**

Applicable Federal Requirement:40CFR 60, NSPS Subpart A

Item 32.1:

This emission source is subject to the applicable general provisions of 40 CFR 60. The facility owner is responsible for complying with all applicable technical, administrative and reporting requirements.

**Condition 33: EPA Region 2 address.
Effective for entire length of Permit**

Applicable Federal Requirement:40CFR 60.4, NSPS Subpart A

Item 33.1:

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

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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 34: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 60, NSPS Subpart IIII

Item 34.1:

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

Emission Unit: U--CDRP	
Process: ENG	Emission Source: ENG01
Emission Unit: U--CDRP	
Process: ENG	Emission Source: ENG02
Emission Unit: U--CDRP	
Process: ENG	Emission Source: ENG03
Emission Unit: U--CDRP	
Process: ENG	Emission Source: ENG04

Item 34.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The following are the NSPS IIII requirements that apply to each of the four (4) identical stationary compression ignition (CI) internal combustion engines (“ICE”) at Mt. Sinai, which are identified as CAT 3512 C engines, model year: 2018, displacement: 4 Liters/cylinder; and maximum engine power: 1,500 kW (or 2,206 BHP). These engines were certified by EPA only for emergency use (as emergency engines):

1. The owner or operator must comply with the 40 C.F.R. part 60, subpart IIII (“Standards of Performance for

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Stationary Compression Ignition Internal Combustion Engines”) (“NSPS IIII”) emission standards and smoke standards by ensuring that each of emergency engine is certified by EPA to the following:

- a. Tier 2 emission standards for engines > 560 kW (expressed as g/kW-hr) in 40 C.F.R. § 1039, Appendix I, Table 2 (“Tier 2 Emission Standards”):
 - NOx + NMHC: 6.4 g/kW-hr
 - CO: 3.5 g/kW-hr
 - PM: 0.20 g/kW-hr[40 C.F.R. § 60.4205 (b), § 60.4202 (a)(1), 60.4211 (c), 40 C.F.R § 1039, Appendix I, Table 2]
- b. Smoke opacity standards in 40 C.F.R. § 1039.105 (b):
 - 20 percent during acceleration mode;
 - 15 percent during the lugging mode; and
 - 50 percent during the peaks in either the acceleration or lugging modes.[40 C.F.R. § 60.4205 (b), § 60.4202 (a)(1), 60.4211 (c), 40 C.F.R. § 1039.105 (b)]
2. The owner or operator must ensure that the following are complied with for each of emergency engine:
 - a. Operate and maintain each engine to achieve the emissions standards at 40 C.F.R. § 60.4205, which are specified in this permit, over the entire life of the engines. [40 C.F.R. § 60.4206]
 - b. Must install a non-resettable hour-meter prior to the startup of each emergency engine. [40 C.F.R. § 60.4209(b)]
 - c. Operate and maintain each engine and control device according to the manufacturer’s emission-related written instructions. [40 C.F.R. § 60.4211(a)(1)]
 - d. Only change those emissions-related settings that are permitted by the manufacturer. [40 C.F.R. § 60.4211(a)(2)]
 - e. Meet the applicable requirements of 40 C.F.R. part 1068. [40 C.F.R. § 60.4211(a)(3)]
 - f. Each engine must be installed and configured according to the manufacturer’s emission-related specifications, except as permitted in 40 C.F.R § 60.4211 (g). [40 C.F.R § 60.4211 (c)]

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g. Each engine must be operated according to the following requirements in 40 C.F.R § 60.4211 (f)(1) through (3). In order for the engine to be considered an emergency stationary ICE under NSPS IIII, any operation other than emergency operation, maintenance and testing, and operation in non-emergency situations for 50 hours per year, as described in paragraphs (f)(1) through (3), is prohibited. If you do not operate the engine according to the requirements in paragraphs (f)(1) through (3), the engine will not be considered an emergency engine under this subpart and must meet all requirements for non-emergency engines.

40 C.F.R § 60.4211 (f)(1): There is no time limit on the use of emergency stationary ICE in emergency situations.

40 C.F.R § 60.4211 (f)(2): You may operate your emergency stationary ICE for the purpose specified in paragraph (f)(2)(i) of this section for a maximum of 100 hours per calendar year. Any operation for non-emergency situations as allowed by paragraph (f)(3) of this section counts as part of the 100 hours per calendar year allowed by this paragraph (f)(2).

40 C.F.R § 60.4211 (f)(2) (i): Emergency stationary ICE may be operated for maintenance checks and readiness testing, provided that the tests are recommended by federal, state, or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or the insurance company associated with the engine. The owner or operator may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the owner or operator maintains records indicating that federal, state, or local standards require maintenance and testing of emergency ICE beyond 100 hours per calendar year.

40 C.F.R § 60.4211(f)(3): Emergency stationary ICE may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing provided in paragraph (f)(2) of this section. Except as provided in paragraph (f)(3)(i) of this section, the 50 hours per calendar year for non- emergency situations cannot be used for peak shaving or non-emergency demand response, or to generate income for a facility to an electric grid or otherwise supply power as part of a financial arrangement with another entity.

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40 C.F.R § 60.4211(f)(3) (i):The 50 hours per year for non-emergency situations can be used to supply power as part of a financial arrangement with another entity if all of the following conditions are met:

(A):The engine is dispatched by the local balancing authority or local transmission and distribution system operator;

(B):The dispatch is intended to mitigate local transmission and/or distribution limitations so as to avert potential voltage collapse or line overloads that could lead to the interruption of power supply in a local area or region.

(C):The dispatch follows reliability, emergency operation or similar protocols that follow specific NERC, regional, state, public utility commission or local standards or guidelines.

(D):The power is provided only to the facility itself or to support the local transmission and distribution system.

(E):The owner or operator identifies and records the entity that dispatches the engine and the specific NERC, regional, state, public utility commission or local standards or guidelines that are being followed for dispatching the engine. The local balancing authority or local transmission and distribution system operator may keep these records on behalf of the engine owner or operator.

[40 C.F.R § 60.4211 (f)]

3. The owner or operator must ensure that the diesel fuel used in each engine meets the per-gallon standards below.
[40 C.F.R. § 60.4207(b), 40 C.F.R. § 1090.305(a), 40 C.F.R. § 63.6604]

a. Maximum sulfur content of 15 parts per million (ppm);
and

b. Cetane index or aromatic content as follows:
i. A minimum cetane index of 40; or
ii. A maximum aromatic content of 35 volume percent.

4. The owner or operator must keep records of the operation of each emergency engine in emergency and non-emergency service that are recorded through the

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non-resettable hour meter. The owner must record the time of operation of the engine and the reason the engine was in operation during that time. [40 C.F.R. § 60.4214(b)]

5. The owner or operator of an engine that operates for the purpose specified in § 60.4211 (f)(3)(i) must submit an annual report according to the requirements in paragraphs (d)(1) through (3):

§ 60.4214(d)(1):The report must contain the following information:

- i. Company name and address where the engine is located.
- ii. Date of the report and beginning and ending dates of the reporting period.
- iii. Engine site rating and model year.
- iv. Latitude and longitude of the engine in decimal degrees reported to the fifth decimal place.
- vii. Hours spent for operation for the purposes specified in § 60.4211(f)(3)(i), including the date, start time, and end time for engine operation for the purposes specified in § 60.4211(f)(3)(i). The report must also identify the entity that dispatched the engine and the situation that necessitated the dispatch of the engine.

§ 60.4214 (d)(2):The first annual report must cover the calendar year 2015 and must be submitted no later than March 31, 2016. Subsequent annual reports for each calendar year must be submitted no later than March 31 of the following calendar year.

§ 60.4214 (d)(3):The annual report must be submitted electronically using the subpart specific reporting form in the Compliance and Emissions Data Reporting Interface (CEDRI) that is accessed through EPA's Central Data Exchange (CDX) (<https://cdx.epa.gov/>). However, if the reporting form specific to this subpart is not available in CEDRI at the time that the report is due, the written report must be submitted to the Administrator at the appropriate address listed in § 60.4. Beginning on February 26, 2025, submit annual report electronically according to paragraph § 60.4214(g).

[40 C.F.R. § 60.4214 (d)]

6. The owner or operator must comply with all applicable requirements of the New Source Performance Standards provisions from 40 C.F.R. part 60, Subpart A (General Provisions) that are specifically listed in Table 8 of 40 C.F.R. part 60, subpart IIII. [40 C.F.R. § 60.4218]

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Monitoring Frequency: UPON REQUEST OF REGULATORY AGENCY
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 35: Applicability
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 63, Subpart JJJJJ

Item 35.1:
Facilities that are area sources of HAP with industrial, commercial, or institutional boilers must comply with applicable portions of 40 CFR 63 JJJJJ.

Condition 36: Applicability
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 63, Subpart ZZZZ

Item 36.1:
Facilities that have reciprocating internal combustion engines must comply with applicable portions of 40 CFR 63 Subpart ZZZZ.

Condition 37: Engines at Area sources of HAP
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 63, Subpart ZZZZ

Item 37.1:
Internal combustion engines, constructed or re-constructed on or after June 12, 2006, that meet the requirements of 40 CFR 60 Subpart IIII or Subpart JJJJ meet the requirements of 40 CFR 63 Subpart ZZZZ.

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

Condition 38: Emission Point Definition By Emission Unit
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 38.1:
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-B0001

Emission Point: B0001
Height (ft.): 544 Length (in.): 108 Width (in.): 42
NYTMN (km.): 4515.888 NYTME (km.): 588.234 Building: ANNENBERG

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Item 38.2:

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

Emission Unit: U--CDRP

Emission Point: EPTG1

Height (ft.): 102 Diameter (in.): 22
 NYTMN (km.): 4515.888 NYTME (km.): 588.234 Building: KCC

Emission Point: EPTG2

Height (ft.): 102 Diameter (in.): 22
 NYTMN (km.): 4515.888 NYTME (km.): 588.234 Building: KCC

Emission Point: EPTG3

Height (ft.): 102 Diameter (in.): 22
 NYTMN (km.): 4515.888 NYTME (km.): 588.234 Building: KCC

Emission Point: EPTG4

Height (ft.): 102 Length (in.): Width (in.):
 NYTMN (km.): 4515.888 NYTME (km.): 588.234 Building: KCC

**Condition 39: Process Definition By Emission Unit
 Effective for entire length of Permit**

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 39.1:

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

Emission Unit: U-B0001

Process: G41 Source Classification Code: 1-02-006-02

Process Description:

Process G41 is the firing of natural gas in the operation of the four new identical boilers, Boilers # 1, #2, #3 & # 4 (Emission Sources BLR01, BLR02, BLR03 & BLR04) with their corresponding Low NOX Burners, Flue Gas Recirculation Emission Controls - BRLC1, BLRC2, BLRC3 & BLRC4; respectively, in Emission Unit U-B0001. Emission Sources BLR01, BLR02, BLR03 & BLR04 are four identical Victory Energy Voyager Series VS4-48 boilers with a nominal rated capacity of 60 MM Btu/hr heat input and 50,000 pounds per hour of steam output each. The maximum total heat input from these four boilers is 240 MM BTU/hr.

All of the four boilers supply both hot water and steam for the space heating and the air conditioning of the building. Emissions from all of the four boilers are exhausted through one common stack which is identified as Emission Point B0001.

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Maximum natural gas consumption is 2,002 million cubic feet of per year for Boiler #1, Boiler #2, Boiler #3 & Boiler #4.

The installation of the Victory Energy Voyager boilers, Boilers #1, #2, #3 & #4 maintains the nominal capacity of each of these boilers at 60.3 million Btus of heat input per hour when firing natural gas and 57.6 million Btus of heat input when firing distillate fuel oil.

Emission Source/Control: BLR01 - Combustion
Design Capacity: 60 million Btu per hour

Emission Source/Control: BLR02 - Combustion
Design Capacity: 60 million Btu per hour

Emission Source/Control: BLR03 - Combustion
Design Capacity: 60 million Btu per hour

Emission Source/Control: BLR04 - Combustion
Design Capacity: 60 million Btu per hour

Emission Source/Control: BLRC1 - Control
Control Type: LOW NOX BURNERS, FLUE GAS
RECIRCULATION

Emission Source/Control: BLRC2 - Control
Control Type: LOW NOX BURNERS, FLUE GAS
RECIRCULATION

Emission Source/Control: BLRC3 - Control
Control Type: LOW NOX BURNERS, FLUE GAS
RECIRCULATION

Emission Source/Control: BLRC4 - Control
Control Type: LOW NOX BURNERS, FLUE GAS
RECIRCULATION

Item 39.2:

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

Emission Unit: U-B0001
Process: G65 Source Classification Code: 1-02-006-02
Process Description:

Process G65 is the firing of natural gas in the operation of the two identical boilers, Boilers # 5 & # 6 (Emission Sources BLR05 & BLR06) with their corresponding Low NOX Burners, Flue Gas Recirculation Emission Controls - BLRC5 & BLRC6; respectively, in Emission Unit U-B0001. Emission Sources BLR05 & BLR06 are two identical Victory Energy Voyager Series VS4-48 boilers with a nominal rated capacity of 95 MM Btu/hr heat input and 80,000 pounds per

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hour of steam output each at 125 psig. The maximum total heat input from these two boilers is 190 MM BTU/hr.

These two boilers supply both hot water and steam for the space heating and the air conditioning of the building. Emissions from these two boilers are exhausted through one common stack which is identified as Emission Point B0001.

Maximum natural gas consumption is 1,585 million cubic feet of gas per year for Boiler #5 & Boiler #6.

Boiler #6 (Emission Source B0006) has been already refurbished in 2012 and is now identified as Emission Source BLR06 with its corresponding Low NOX Burners, Flue Gas Recirculation Emission Controls - BLRC6 in Emission Unit U-B0001 as 95 MM Btu/hr Victory Energy Voyager-VS4-48 boiler.

Emission Source/Control: BLR05 - Combustion
 Design Capacity: 95 million Btu per hour

Emission Source/Control: BLR06 - Combustion
 Design Capacity: 95 million Btu per hour

Emission Source/Control: BLRC5 - Control
 Control Type: LOW NOX BURNERS, FLUE GAS
 RECIRCULATION

Emission Source/Control: BLRC6 - Control
 Control Type: LOW NOX BURNERS, FLUE GAS
 RECIRCULATION

Item 39.3:

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

Emission Unit: U-B0001
 Process: O41 Source Classification Code: 1-03-005-02
 Process Description:

Process O41 is the firing of #2 fuel oil (distillate oil) in the operation of the four identical boilers, Boilers # 1, #2, #3 & #4 (Emission Sources BLR01, BLR02, BLR03 & BLR04) with their corresponding Low NOX Burners, Flue Gas Recirculation Emission Controls - BRLC1, BLRC2, BLRC3 & BLRC4; respectively, in Emission Unit U-B0001. Emission Sources BLR01, BLR02, BLR03 & BLR04 are four identical Victory Energy Voyager Series VS4-48 boilers with a nominal rated capacity of 60 MM Btu/hr heat input and 50,000 pounds per hour of steam output each. The maximum total heat input from these four boilers is 240 MM BTU/hr. Distillate fuel oil has heat capacity of 140,000 Btu/gal.

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$$\{(240 \text{ MM BTU/hr}) \times (8,760 \text{ hrs/yr})\} \times 1/(140,000 \text{ Btu/gal}) = 15.017 \text{ MM gal/yr}$$

Maximum #2 fuel oil (distillate oil) consumption is 15.017 million gallons per year for Boiler #1, Boiler #2, Boiler #3 & Boiler #4.

All of the four boilers supply both hot water and steam for the space heating and the air conditioning of the building. Emissions from all of the four boilers are exhausted through one common stack which is identified as Emission Point B0001.

The installation of the Victory Energy boilers, Boilers #1, #2, #3 & #4 maintains the nominal capacity of each of these boilers at 60.3 million Btus of heat input per hour when firing natural gas and 57.6 million Btus of heat input when firing distillate fuel oil.

Emission Source/Control: BLR01 - Combustion
Design Capacity: 60 million Btu per hour

Emission Source/Control: BLR02 - Combustion
Design Capacity: 60 million Btu per hour

Emission Source/Control: BLR03 - Combustion
Design Capacity: 60 million Btu per hour

Emission Source/Control: BLR04 - Combustion
Design Capacity: 60 million Btu per hour

Emission Source/Control: BLRC1 - Control
Control Type: LOW NOX BURNERS, FLUE GAS
RECIRCULATION

Emission Source/Control: BLRC2 - Control
Control Type: LOW NOX BURNERS, FLUE GAS
RECIRCULATION

Emission Source/Control: BLRC3 - Control
Control Type: LOW NOX BURNERS, FLUE GAS
RECIRCULATION

Emission Source/Control: BLRC4 - Control
Control Type: LOW NOX BURNERS, FLUE GAS
RECIRCULATION

Item 39.4:

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

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Emission Unit: U-B0001

Process: O65

Source Classification Code: 1-02-005-02

Process Description:

Process O65 is the firing of #2 fuel oil (distillate oil) in the operation of the two identical boilers, Boilers # 5 & # 6 (Emission Sources BLR05 & BLR06) with their corresponding Low NOX Burners, Flue Gas Recirculation Emission Controls - BLRC5 & BLRC6; respectively in Emission Unit U-B0001. Emission Sources BLR05 & BLR06 are two identical Victory Energy Voyager Series VS4-48 boilers with a nominal rated capacity of 95 MM Btu/hr heat input and 80,000 pounds per hour of steam output each at 125 psig. The maximum total heat input from these two boilers is 190 MM BTU/hr. Distillate fuel oil has heat capacity of 140,000 Btu/gal.

$$\{(190 \text{ MM BTU/hr}) \times (8,760 \text{ hrs/yr})\} \times 1/(140,000 \text{ Btu/gal}) = 11.889 \text{ MM gal/yr}$$

Maximum #2 fuel oil consumption is 11.89 million gallons per year for Boilers #5 & Boiler #6.

These two boilers supply both hot water and steam for the space heating and the air conditioning of the building. Emissions from these two boilers are exhausted through one common stack which is identified as Emission Point B0001.

Boiler #6 (Emission Source B0006) has been already refurbished in 2013 and is now identified as Emission Source BLR06 with its corresponding Low NOX Burners, Flue Gas Recirculation Emission Controls - BLRC6 in Emission Unit U-B0001 as 95 MM Btu/hr Victory Energy Voyager-VS4-48 boiler.

Emission Source/Control: BLR05 - Combustion
 Design Capacity: 95 million Btu per hour

Emission Source/Control: BLR06 - Combustion
 Design Capacity: 95 million Btu per hour

Emission Source/Control: BLRC5 - Control
 Control Type: LOW NOX BURNERS, FLUE GAS
 RECIRCULATION

Emission Source/Control: BLRC6 - Control
 Control Type: LOW NOX BURNERS, FLUE GAS
 RECIRCULATION

Item 39.5:

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

Permit ID: 2-6204-00059/00001

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Emission Unit: U--CDRP

Process: ENG

Source Classification Code: 2-02-001-02

Process Description:

Process ENG is the firing of distillate (diesel) fuel oil at 100 % load in each of the four 2206 bhp-hr or 1500 Kilowatts electric rating Caterpillar CAT 3512C engines (Emission Sources ENG01, ENG02, ENG03 & ENG04) in Emission Unit U-CDRP. The total throughput rates are for the combined four engines. The quantity per year is based on each engine operating 200 hours annually at full (100%) load. Each of the four new Caterpillar CAT 3512C electric generator is rated at 2206 brp-hr or 1500 electrical kilowatts (EKW) and is a 2018 model year with Tier II emission rates.

Each generator will have its own stack (Emission Points EPTG1, EPTG2, EPTG3 and EPTG4). The emissions of the four 2206 bhp-hr or 1500 Kilowatts electric rating Caterpillar CAT 3512C engines (Emission Sources ENG01, ENG02, ENG03 & ENG04) are exhausted through Emission Points EPTG1, EPTG2, EPTG3 and EPTG4; respectively.

Emission Source/Control: ENG01 - Combustion

Design Capacity: 1,500 kilowatts

Emission Source/Control: ENG02 - Combustion

Design Capacity: 1,500 kilowatts

Emission Source/Control: ENG03 - Combustion

Design Capacity: 1,500 kilowatts

Emission Source/Control: ENG04 - Combustion

Design Capacity: 1,500 kilowatts

Condition 40: Compliance Certification
Effective for entire length of Permit

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

Item 40.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-B0001

Regulated Contaminant(s):

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

Item 40.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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This condition applies to distillate oil/gas firing mid-size boilers. The owner or operator 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: 0.08 pounds per million Btus
 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.
 Subsequent reports are due every 6 calendar month(s).

**Condition 41: Compliance Certification
 Effective for entire length of Permit**

Applicable Federal Requirement: 6 NYCRR Subpart 201-6

Item 41.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-B0001 Emission Point: B0001

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

Item 41.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The facility owner or operator shall limit emissions of Oxides of Nitrogen (NOx) from Emission Unit UB0001 to less than 141,800 pounds (70.9 tons) per year on a rolling 12-month basis.

The facility owner or operator shall calculate monthly and rolling 12-month total NOx emissions using the following formula:

$$(A \times E1) + (B \times E2) = \text{monthly NOx emissions (pounds)}$$

Where:

A = the presumptive NOx RACT limit for natural gas fired in mid-sized boilers, 81.6 lb/mm scf (0.08 lb/MMBtu);

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E1 = the monthly total natural gas fired from boilers in mmscf;

B = the presumptive NO_x RACT limit for distillate oil fired in mid-sized boilers, 0.011 lb/gallon (0.08 lb/MMBtu);

E2 = the monthly total No. 2 distillate oil fired from boilers in gallons;

Parameter Monitored: OXIDES OF NITROGEN
 Upper Permit Limit: 141800 pounds per year
 Monitoring Frequency: MONTHLY
 Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 Subsequent reports are due every 6 calendar month(s).

**Condition 42: Compliance Certification
 Effective for entire length of Permit**

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

Item 42.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-B0001

Emission Point: B0001

Item 42.2:

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 percent, based upon the six minute average utilizing a continuous opacity monitor (COM) and maintain a record of all measurements made by the COM and the hours of COM downtime. 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
 Monitoring Frequency: CONTINUOUS
 Averaging Method: 6 MINUTE AVERAGE
 Reporting Requirements: QUARTERLY (CALENDAR)
 Reports due 30 days after the reporting period.
 Subsequent reports are due every 3 calendar month(s).

Condition 43: Compliance Certification

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Facility DEC ID: 2620400059

Effective for entire length of Permit

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

Item 43.1:

The Compliance Certification activity will be performed for:

Emission Unit: U--CDRP

Item 43.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No owner or operator of a stationary combustion installation at a Title V facility 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 shall 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.

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

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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 shall operate the facility in accordance with all

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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 44: Contaminant List
Effective for entire length of Permit

Applicable State Requirement: ECL 19-0301

Item 44.1:

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 45: Malfunctions and Start-up/Shutdown Activities
Effective for entire length of Permit

Applicable State Requirement: 6 NYCRR 201-1.4

Item 45.1:

(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,

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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 46: Air pollution prohibited
Effective for entire length of Permit

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

Condition 47: Compliance Demonstration
Effective for entire length of Permit

Applicable State Requirement:6 NYCRR 253-1.4

Item 47.1:

The Compliance Demonstration activity will be performed for the Facility.

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Item 47.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Owners or operators of facilities that contain emission sources specified in Section 253-1.2 of this Part must monitor emissions and submit emissions data reports to the Department, except as otherwise provided in Part 253, following the requirements specified in 40 CFR Sections 98.3 through 98.4 (Amended November 18, 2024) (see Table 1, section 200.9 of this Title).

Owners or operators shall submit emissions data reports and any revisions to the reports through the NYS e-GGRT platform, or any other reporting tool approved by the Department that will guarantee transmittal and receipt of data and information required by Part 253. Each owner or operator must submit an emissions data report for the previous calendar year no later than June 1st of the current calendar year.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 48: Compliance Demonstration
Effective for entire length of Permit**

Applicable State Requirement: 6 NYCRR 253-1.7

Item 48.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 48.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each large emission source that is required to report greenhouse gases under this Part, which emits 25,000 metric tons or greater of CO₂e, must keep records as required by 40 CFR Sections 98.3(g) through (h) (Amended November 18, 2024) (see Table 1, section 200.9 of this Title) and as specified in this Subpart or as prescribed in the relevant Section(s) of Subpart 253-2 of this Part.

The following sources must maintain records on-site or at an alternative location approved by the Department for a period of ten years from the date of emissions data report

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certification:

- (1) Large emission sources as specified in paragraph 253-1.2(f) of this Part, and
- (2) Any emission source that is required under Subpart 253-4 of this Part to verify its emissions.

Copies of any records or other materials maintained under the requirements of 40 CFR Part 98 (Amended November 18, 2024) (see Table 1, section 200.9 of this Title) or this Part must be made available to the Department upon request within 14 days of receipt of such request by the designated representative of the reporting entity, unless a different schedule is agreed to by the Department.

Emission sources must maintain the following records, including but not limited to:

- (1) Information used to quantify or report emissions and product data in the emissions data report, underlying monitoring and metering data, invoices of receipts or deliveries, sales transaction data, calculation methods, protocols used, analysis results, calibration records, electricity transaction data, and other relevant information.
- (2) A list of units, operations, processes, and activities for which GHG emissions were calculated.
- (3) The data used to calculate the GHG emissions for each unit, operation, process and activity categorized by fuel or material type. These data include but are not limited to:
 - (i) the GHG emissions calculations and methods used;
 - (ii) analytical results for the development of site-specific emission factors;
 - (iii) the results of all required analyses for high heat value, carbon content, and other required fuel or feed stock parameters;
 - (iv) emissions data and input data, industrial product data and associated inputs; data associated with thermal energy provided, sold, purchased, or acquired; and data associated with electricity provided, sold, purchased, or acquired must be sufficient to allow for verification of each emissions data report; and
 - (v) any facility operating data or process information used for the GHG calculations.
- (4) The annual GHG emissions data reports.
- (5) Missing data computations for each missing data event, the cause of each event and the corrective actions taken to restore malfunctioning monitoring equipment.

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(6) Continuous monitoring system records. The results of all required certification and quality assurance tests for continuous monitoring systems, fuel flow meters, and other instrumentation used to provide data for the GHG emissions reported under this Part.

(7) Qualified positive verification or positive verification statements.

(8) Department approved monitoring plan as per the requirements of subdivision 253-1.7(e).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

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