

PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 2-6103-00158/00001
Mod 0 Effective Date: 03/16/2020 Expiration Date: 03/15/2025
Mod 1 Effective Date: 04/20/2023 Expiration Date: 03/15/2025

Permit Issued To: THE NEW YORK AND PRESBYTERIAN HOSPITAL
525 E 68TH ST
NEW YORK, NY 10065-4885

Contact: Tony Warrington
Facilities Management
506 6th St
Brooklyn, NY 11215
(718) 780-3309

Facility: NEW YORK PRESBYTERIAN BROOKLYN METHODIST HOSPITAL
506 6TH ST
BROOKLYN, NY 11215

Contact: Tony Warrington
Facilities Management
506 6th St
Brooklyn, NY 11215
(718) 780-3309

Description:

PERMIT DESCRIPTION
New York-Presbyterian Brooklyn Methodist Hospital
DEC ID # 2-6103-00158/00001 (Ren #4, Mod #1)

As of October 1, 2022, New York Presbyterian Brooklyn Methodist Hospital, located at 506 Sixth Street, Brooklyn, NY 11215 has merged into the New York and Presbyterian Hospital. Once the merger is completed, New York Presbyterian Brooklyn Methodist Hospital shall cease to exist as an independent entity and shall become a part of the New York and Presbyterian Hospital.

Previously, as of October 31, 2016, the New York Methodist Hospital (NYMH) has changed its name to "New York-Presbyterian Brooklyn Methodist Hospital."

The facility is an existing Air Title V facility that operates four (4) mid-size Cleaver-Brooks boilers. These include one 25.1 MM Btu/hr boiler (Emission Source 00001), one 31.4 MM Btu/hr boiler (Emission Source 00002), and two

identical 30.6 MM Btu/hr Cleaver-Brooks boilers (Emission Sources B0004 & B0005). All four boilers (Emission Sources 00001, 00002, B0004 & B0005) are capable of firing natural gas (Process BNG) as primary fuel and #2 fuel oil (Process BOI) as secondary fuel. On October 31, 2015, the hospital has removed the two identical Waukesha 940 KW co-generator engines (Emission Sources 00004 & 00005), that fire natural gas only (Process CNG), and are used to produce electricity for hospital purposes.

Typically, two boilers are in operation and the other two boilers are on stand-by. For the two new Cleaver Brooks boilers, typically, one boiler will be on 50% of the time on #2 fuel oil and the other 50% of the time on natural gas. The other new boiler will be operated three (3) months per year and the same boiler would be on standby for the other nine (9) months.

The facility has recently added a 2016 Caterpillar Model 3512, 1500 KW emergency diesel CI generator in the facility's new building (Center for Community Health). The facility will start operating this emergency diesel CI generator when this permit renewal #4 is issued.

Facilities that have exempt stationary compression ignition internal combustion engines must comply with applicable portions of 40 CFR 60 Subpart IIII and portions of 40 CFR 63 subpart ZZZZ.

The facility operates other sources which are considered exempt from permitting in accordance with 6 NYCRR 201-3.2 (c), including six (6) exempt boilers/water-heaters (under 10 MM Btu/hr each) in various hospital buildings (two 3.0 MM Btu/hr, and four < 1 MM Btu/hr), six (6) emergency generators (<500 hours per year each), and ten (10) fuel oil storage tanks (<300,000 barrels), which consist of four (4) underground storage tank (UST) for storing #2 fuel oil, one (1) AST for storing diesel fuel oil, and five (5) day tanks for supply of diesel to the generators.

By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, the General Conditions specified and any Special Conditions included as part of this permit.

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

Authorized Signature: _____ Date: ____ / ____ / ____

Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

The permittee expressly agrees to indemnify and hold harmless the Department of Environmental Conservation of the State of New York, its representatives, employees and agents ("DEC") for all claims, suits, actions, and damages, to the extent attributable to the permittee's acts or omissions in connection with the compliance permittee's undertaking of activities in connection with, or operation and maintenance of, the facility or facilities authorized by the permit whether in compliance or not in any compliance with the terms and conditions of the permit. This indemnification does not extend to any claims, suits, actions, or damages to the extent attributable to DEC's own negligent or intentional acts or omissions, or to any claims, suits, or actions naming the DEC and arising under article 78 of the New York Civil Practice Laws and Rules or any citizen suit or civil rights provision under federal or state laws.

Item B: Permittee's Contractors to Comply with Permit

The permittee is responsible for informing its independent contractors, employees, agents and assigns of their responsibility to comply with this permit, including all special conditions while acting as the permittee's agent with respect to the permitted activities, and such persons shall be subject to the same sanctions for violations of the Environmental Conservation Law as those prescribed for the permittee.

Item C: Permittee Responsible for Obtaining Other Required Permits

The permittee is responsible for obtaining any other permits, approvals, lands, easements and rights-of-way that may be required to carry out the activities that are authorized by this permit.

Item D: No Right to Trespass or Interfere with Riparian Rights

This permit does not convey to the permittee any right to trespass upon the lands or interfere with the riparian rights of others in order to perform the permitted work nor does it authorize the impairment of any rights, title, or interest in real or personal property held or vested in a person not a party to the permit.

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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 submitted prior to actual transfer of ownership.

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

Item 4.1:

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

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

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

Condition 5: Submission of application for permit modification or renewal - REGION 2 HEADQUARTERS
Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 5.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 2 Headquarters
Division of Environmental Permits
1 Hunters Point Plaza, 4740 21st Street
Long Island City, NY 11101-5407
(718) 482-4997

Permit ID: 2-6103-00158/00001

Facility DEC ID: 2610300158

Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: THE NEW YORK AND PRESBYTERIAN HOSPITAL
525 E 68TH ST
NEW YORK, NY 10065-4885

Facility: NEW YORK PRESBYTERIAN BROOKLYN METHODIST HOSPITAL
506 6TH ST
BROOKLYN, NY 11215

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

Mod 0 Permit Effective Date: 03/16/2020

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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 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 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 is to be reopened, except that the Department may provide a shorter time period in the case of an emergency.

Item K: Permit Exclusion - ECL 19-0305

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any legal, administrative or equitable

rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant for violations based on facts and circumstances alleged to have occurred or existed prior to the effective date of this permit, including, but not limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.

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

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

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

- Condition 1: Acceptable Ambient Air Quality**
Effective between the dates of 03/16/2020 and 03/15/2025

Applicable Federal Requirement:6 NYCRR 200.6

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

- Condition 2: Fees**
Effective between the dates of 03/16/2020 and 03/15/2025

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

- Item 2.1:**

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

**Condition 3: Recordkeeping and Reporting of Compliance Monitoring
Effective between the dates of 03/16/2020 and 03/15/2025**

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

Item 3.1:

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

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

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

**Condition 4: Records of Monitoring, Sampling, and Measurement
Effective between the dates of 03/16/2020 and 03/15/2025**

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

Item 4.1:

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

**Condition 5: Compliance Certification
Effective between the dates of 03/16/2020 and 03/15/2025**

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

Item 5.1:

The Compliance Certification activity will be performed for the Facility.

Item 5.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

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

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

If above paragraphs (1) or (2) are met, the source must notify the permitting authority by telephone during normal business hours at the Regional Office of jurisdiction for this permit, attention Regional Air Pollution Control Engineer (RAPCE) according to the timetable listed in

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

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

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

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

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2020.
Subsequent reports are due every 6 calendar month(s).

Condition 6: Compliance Certification
Effective between the dates of 03/16/2020 and 03/15/2025

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

Item 6.1:

The Compliance Certification activity will be performed for the Facility.

Item 6.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

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

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

Department.

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

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

The address for the RAPCE is as follows:

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

The address for the BQA is as follows:

NYSDEC
Bureau of Quality Assurance
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 1/30/2021.
Subsequent reports are due on the same day each year

Condition 7: Compliance Certification
Effective between the dates of 03/16/2020 and 03/15/2025

Applicable Federal Requirement: 6 NYCRR 202-2.1

Item 7.1:

The Compliance Certification activity will be performed for the Facility.

Item 7.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

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

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

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 0 days after the reporting period.
The initial report is due 4/15/2021.
Subsequent reports are due every 12 calendar month(s).

Condition 1-1: Recordkeeping requirements
Effective between the dates of 04/20/2023 and 03/15/2025

Applicable Federal Requirement:6 NYCRR 202-2.5

Item 1-1.1:

(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: Recordkeeping requirements
Effective between the dates of 03/16/2020 and 03/15/2025

Applicable Federal Requirement:6 NYCRR 202-2.5

Item 8.1:

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

- (1) a copy of each emission statement submitted to the department; and
 - (2) records indicating how the information submitted in the emission statement was determined, including any calculations, data, measurements, and estimates used.
- (b) These records shall be made available at the facility to the representatives of the department upon request during normal business hours.

Condition 9: Open Fires - Prohibitions
Effective between the dates of 03/16/2020 and 03/15/2025

Applicable Federal Requirement:6 NYCRR 215.2

Item 9.1:

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

Item 9.2

Per Section 215.3, burning in an open fire, provided it is not contrary to other law or regulation,

will be allowed as follows:

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

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

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

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

Condition 10: Maintenance of Equipment

Effective between the dates of 03/16/2020 and 03/15/2025

Applicable Federal Requirement:6 NYCRR 200.7

Item 10.1:

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

Condition 11: Recycling and Salvage

Effective between the dates of 03/16/2020 and 03/15/2025

Applicable Federal Requirement:6 NYCRR 201-1.7

Item 11.1:

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

Condition 12: Prohibition of Reintroduction of Collected Contaminants to the air

Effective between the dates of 03/16/2020 and 03/15/2025

Applicable Federal Requirement:6 NYCRR 201-1.8

Item 12.1:

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

Condition 13: Exempt Sources - Proof of Eligibility

Effective between the dates of 03/16/2020 and 03/15/2025

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

Item 13.1:

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

Condition 14: Trivial Sources - Proof of Eligibility

Effective between the dates of 03/16/2020 and 03/15/2025

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

Item 14.1:

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

Condition 15: Requirement to Provide Information
Effective between the dates of 03/16/2020 and 03/15/2025

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

Item 15.1:

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

Condition 16: Right to Inspect
Effective between the dates of 03/16/2020 and 03/15/2025

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

Item 16.1:

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

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

Condition 17: Off Permit Changes
Effective between the dates of 03/16/2020 and 03/15/2025

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

Item 17.1:

No permit revision will be required for operating changes that contravene an express permit term, provided that such changes would not violate applicable requirements as defined under this Part or contravene federally enforceable monitoring (including test methods), recordkeeping, reporting, or compliance certification permit terms and conditions. Such changes may be made without requiring a permit revision, if the changes are not modifications under any provision of title I of the act and the changes do not exceed the emissions allowable under the

permit (whether expressed therein as a rate of emissions or in terms of total emissions) provided that the facility provides the administrator and the department with written notification as required below in advance of the proposed changes within a minimum of seven days. The facility owner or operator, and the department shall attach each such notice to their copy of the relevant permit.

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

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

Condition 18: Required Emissions Tests
Effective between the dates of 03/16/2020 and 03/15/2025

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 18.1:

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

Condition 19: Accidental release provisions.
Effective between the dates of 03/16/2020 and 03/15/2025

Applicable Federal Requirement:40 CFR Part 68

Item 19.1:

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

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

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

Condition 20: Recycling and Emissions Reduction
Effective between the dates of 03/16/2020 and 03/15/2025

Applicable Federal Requirement:40CFR 82, Subpart F

Item 20.1:

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

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

Condition 21: Compliance Certification
Effective between the dates of 03/16/2020 and 03/15/2025

Applicable Federal Requirement:6 NYCRR Subpart 201-1

Item 21.1:

The Compliance Certification activity will be performed for the Facility.

Item 21.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Subpart 201-1 contains general provisions for the state air permitting program including purpose, unpermitted sources, change in ownership, unavoidable noncompliance, emergency defense, public participation, recycling and salvage, prohibiting the reintroduction of collected air contaminants, program delegation and public access to recordkeeping.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 22: Compliance Certification
Effective between the dates of 03/16/2020 and 03/15/2025

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

Item 22.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

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

Item 22.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The 2016 Caterpillar Model 3512, 1500 KW emergency diesel CI generator in the facility's new building is exempt from NYSDEC permitting in accordance with 6 NYCRR 201-3.1(b) and 3.2(c)(6).

6 NYCRR 201-3.2(c)(6):

Emergency power generating stationary internal combustion engines as defined in 200.1(cq) and engine test cells at engine manufacturing facilities that are utilized for research and development, reliability performance testing, or quality assurance performance testing.

6 NYCRR 200.1(cq):

Emergency power generating stationary internal combustion engine. A stationary internal combustion engine that operates as a mechanical or electrical power source only when the usual supply of power is unavailable, and operates for no more than 500 hours per year. The 500 hours of annual operation for the engine include operation during emergency situations, routine maintenance, and routine exercising (for example, test firing the engine for one hour a week to ensure reliability). A stationary internal combustion engine used for peak shaving generation is not an emergency power generating stationary internal combustion engine.

Work Practice Type: HOURS PER YEAR OPERATION

Upper Permit Limit: 500 hours

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2021.

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

Condition 23: Emission Unit Definition

Effective between the dates of 03/16/2020 and 03/15/2025

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 23.1(From Mod 0):

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

Emission Unit: U-00001

Emission Unit Description:

Emission Unit U-00001 consists of a total of four (4) mid-size boilers dual fuel external combustion Cleaver Brooks boilers (Emission Sources 00001, 00002, B0004 & B0005). Boiler 00001 is rated at 25.1 MM Btu/hr, Boiler 00002 is rated at 31.4boilers and Boilers B0004 & B0005 are rated at 30.6 MM btu/hr each. The four boilers provide

heat and hot water to the hospital. All four boilers are capable of firing either #2 fuel oil (Process BOI) or natural gas (Process BNG). Natural gas as the primary fuel and #2 fuel oil as the secondary fuel. All four boilers are located in the sub-basement of the main building. Flue gases from these processes exit through a common stack (Emission Point 00001) connected to the boilers. The four boilers at New York Presbyterian Brooklyn Methodist Hospital are identified as:
Emission Source 00001 - one existing (since 1996) Cleaver Brooks CB-200-600 boiler of capacity of 25.1 MM Btu/hr.

Emission Source 00002 - one existing (since 1996) Cleaver Brooks CB-200-750 boiler of capacity 31.4 MM Btu/hr.

Emission Sources B0004 & B0005 - two new identical (installed in 2004) Cleaver Brooks CBLE 200-750- 200ST boilers of capacity of 30.6 MM Btu/hr each.

Building(s): 1

Condition 24: Progress Reports Due Semiannually
Effective between the dates of 03/16/2020 and 03/15/2025

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

Item 24.1:

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 1-2: Operational Flexibility
Effective between the dates of 04/20/2023 and 03/15/2025

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

Item 1-2.1:

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 25: Non Applicable requirements
Effective between the dates of 03/16/2020 and 03/15/2025

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

Item 25.1:

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.

6 NYCRR Subpart 231-2

Reason: New Source Review Non-Applicability in a Non-Attainment area for New York-Presbyterian Brooklyn Methodist Hospital:

Project: The facility is adding one (1) 1500 KW Caterpillar Model 3512 emergency diesel CI generator in the facility's new building (Center for Community Health) and adding # 2 fuel oil (Process BOI) firing capability to Boiler # 4 (Emission Source B0005) as a secondary fuel. The primary fuel is natural gas (Process BNG). Also, the facility has removed two (2) Waukesha identical internal combustion cogeneration engines that burn natural gas (Process CNG) only on August, 2015.

Netting Analysis:

The contemporaneous period is May 1, 2019 to May 1, 2014 (5 annual periods prior to the proposed commence construction date of the new project or modified emission source, and ending with the proposed commence operation date.)

The scheduled commence construction date is July 1, 2018

The scheduled commence operation date is May 1, 2019

Start date of contemporaneous period: May 1, 2019

End date of contemporaneous period: May 1, 2014

Project Emission Potential (PEP) of NO_x = sum of NO_x from each modification of an existing emission source + difference for NO_x from each modification of an existing emission source

Project Emission Potential (PEP) of NO_x = 10.31 tpy

The proposed PTE NO_x emissions from the project = 10.31 tpy

There are no other contemporaneous increases for this project. Hence, the net emissions increase for NO_x is the

project potential itself, i. e., 10.31 tpy, which is < the Major Project Threshold (MFT) of 25 tpy in NYC (severe non-ozone area) and hence not a significant net emissions increase.

NOx actual emissions from the removal of the two (2) Waukesha identical internal combustion cogeneration engines is 3.27 tpy. The NOx emissions from the modification of an existing emission source {adding # 2 fuel oil (Process BOI) firing capability to Boiler # 4 (Emission Source B0005) } = 10.31 tpy

The contemporaneous credible emission increase/Decrease - ERC = - 3.27 tpy of NOx (decrease)

The NEI for NOx is the sum of the PEP (Project Emission Potential) and the contemporaneous period sum of NOx emission increases and decreases.

Net Emission Increase = Project Emission Potential + contemporaneous Creditable Emission Increase/Decrease - Emission Reduction Credit

NEI = PEP + CEI - ERC

NEI = 10.31 + (- 3.27) - 0 = 7.04 tpy of NOx

Addition of oil firing capability to Emission source B0005 = Contemporaneous Credible Emission Increase/Decrease - ERC = 7.04 tpy

Non-attainment NOx contaminant for which PEP equal or greater than SPT (Significant Project Threshold)

CONCLUSION:

Based on the NOx emissions for adding # 2 fuel oil (Process BOI) firing capability to Boiler # 4 (Emission Source B0005) and for removing the two (2) Waukesha identical internal combustion cogeneration engines =

NOx PTE for the addition - NOx Actual Emissions for the removal =

10.31 tpy + (-3.27) tpy =
7.04 tpy of NOx, which is < 25 tpy

Based on the Subpart 231-2 Netting Analysis, since the Net Emission Decrease (NEI) for NOx is 7.04 tpy for all of the addition/removal of the emission sources above which is < 25 tpy for the Significant Net Emission Increase (SNEIT), the facility is NOT subject to Subpart 231-2.

The Net Emission Increase (NEI) has to be < Significant

Net Emission Increase (SNEIT) of 25 tpy of NO_x for severe non-ozone area such as NYC for this project for New Source Review to be non-applicable.

**Condition 1-3: Statement dates for emissions statements.
Effective between the dates of 04/20/2023 and 03/15/2025**

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

Item 1-3.1:

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: Compliance Certification
Effective between the dates of 03/16/2020 and 03/15/2025**

Applicable Federal Requirement:6 NYCRR 202-2.5

Item 26.1:

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

Emission Unit: U-00001 Process: BNG	Emission Point: 00001 Emission Source: 00001
Emission Unit: U-00001 Process: BNG	Emission Point: 00001 Emission Source: 00002
Emission Unit: U-00001 Process: BNG	Emission Point: 00001 Emission Source: B0004
Emission Unit: U-00001 Process: BNG	Emission Point: 00001 Emission Source: B0005
Emission Unit: U-00001 Process: BOI	Emission Point: 00001 Emission Source: 00001
Emission Unit: U-00001 Process: BOI	Emission Point: 00001 Emission Source: 00002

Emission Unit: U-00001
Process: BOI

Emission Point: 00001
Emission Source: B0004

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

Item 26.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Since the NOx emissions is a surrogate of the fuel consumption, the facility is to monitor and keep records of the natural gas and #2 fuel oil consumption on a daily basis and report it annually. Fuel consumption records will be maintained at the facility of the quantity of each fuel fired in Boilers 00001, 00002, B0004 & B0005 on a daily, monthly, and every twelve consecutive months basis to prove compliance. The annual emission statement documenting the fuel consumption will be submitted to NYSDEC every April 15 of each year.

The facility has the following emission sources:

Emission Source 00001 - one existing (since 1996) Cleaver Brooks CB-200-600 boiler of capacity of 25.1 MM Btu/hr, and burns natural gas (Process BNG) and # 2 fuel oil (Process BOI).

Emission Source 00002 - one existing (since 1996) Cleaver Brooks CB-200-750 boiler of capacity 31.4 MM Btu/hr, and burns natural gas (Process BNG) and # 2 fuel oil (Process BOI).

Emission Sources B0004 & B0005 - two new identical (installed in 2004) Cleaver Brooks CBLE 200-750- 200ST boilers of capacity of 30.6 MM Btu/hr each, and burn natural gas (Process BNG) and # 2 fuel oil (Process BOI).

The owner or operator shall maintain a record of the quantity of each fuel fired in Boilers 00001, 00002, B0004 & B0005 at the facility. The following formula will be used to calculate (based on the fuel quantity), the monthly NOx emissions for Boilers 00001, 00002, B0004 & B0005 on a rolling 12-month basis for Boilers 00001, 00002, B0004 & B0005, where the individual monthly NOx emissions will be determined from the following equation:

$D (0.02) + G (100) = \text{lbs/yr of Oxides of Nitrogen emissions}$:

Where;

D = 12-month rolling total of distillate oil fired (from Boilers 00001, 00002, B0004 & B0005) in gals/yr; and
G = 12-month rolling total of natural gas fired (from Boilers 00001, 00002, B0004 & B0005) in MM SCF/yr.

Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 12 calendar month(s).

Condition 27: Visible Emissions Limited
Effective between the dates of 03/16/2020 and 03/15/2025

Applicable Federal Requirement:6 NYCRR 211.2

Item 27.1:

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 28: Compliance Certification
Effective between the dates of 03/16/2020 and 03/15/2025

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

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: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

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

Data collected pursuant to this Subpart must be tabulated and summarized in a form acceptable to the Department, and must be retained for at least five years. The owner of a Title V facility must furnish to the Department such records and summaries, on a semiannual calendar basis, within 30 days after the end of the semiannual period. All other facility owners or distributors must submit these records and summaries upon request of the

Department.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: NUMBER 2 HEATING 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: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 29: Compliance Certification
Effective between the dates of 03/16/2020 and 03/15/2025

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

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: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

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

Data collected pursuant to this Subpart must be tabulated and summarized in a form acceptable to the Department, and must be retained for at least five years. The owner of a Title V facility must furnish to the Department such records and summaries, on a semiannual calendar basis, within 30 days after the end of the semiannual period. All other facility owners or distributors must submit these records and summaries upon request of the Department.

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: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 30: Compliance Certification
Effective between the dates of 03/16/2020 and 03/15/2025

Applicable Federal Requirement:6 NYCRR 225-1.2 (h)**Item 30.1:**

The Compliance Certification activity will be performed for the Facility.

Item 30.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Owners and/or operators of a stationary combustion installations that fire distillate oil are limited to the firing of distillate oil with 0.0015 percent sulfur by weight or less on or after July 1, 2016. Compliance with this limit will be based on vendor certifications.

Data collected pursuant to this Subpart must be tabulated and summarized in a form acceptable to the Department, and must be retained for at least five years. The owner of a Title V facility must furnish to the Department such records and summaries, on a semiannual calendar basis, within 30 days after the end of the semiannual period. All other facility owners or distributors must submit these records and summaries upon request of the Department.

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: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 31: Compliance Certification

Effective between the dates of 03/16/2020 and 03/15/2025

Applicable Federal Requirement:6 NYCRR 225-1.6**Item 31.1:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 31.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

§225-1.6 Reports, sampling, and analysis.

- (a) The department will require fuel analyses, information on the quantity of fuel received, fired or sold, and results of stack sampling, stack monitoring, and other procedures to ensure compliance with the provisions of this Subpart.
- (b) (1) Any person who sells oil and/or coal must retain, for at least five years, records containing the following information:
- (i) fuel analyses and data on the quantities of all oil and coal received; and
 - (ii) the names of all purchasers, fuel analyses, and data on the quantities of all oil and coal sold.
- (2) Such fuel analyses must contain, as a minimum:
- (i) data on the sulfur content, ash content, specific gravity, and heating value of residual oil;
 - (ii) data on the sulfur content, specific gravity, and heating value of distillate oil; and
 - (iii) data on the sulfur content, ash content, and heating value of coal.
- (c) Sampling, compositing, and analysis of fuel samples must be done in accordance with methods acceptable to the department.
- (d) Facility owners or fuel distributors required to maintain and retain records pursuant to this Subpart must make such records available for inspection by the department.
- (e) Data collected pursuant to this Subpart must be tabulated and summarized in a form acceptable to the department, and must be retained for at least five years. The owner of a Title V facility must furnish to the department such records and summaries, on a semiannual calendar basis, within 30 days after the end of the semiannual period. All other facility owners or distributors must submit these records and summaries upon request of the department.
- (f) Facility owners subject to this Subpart must submit a written report of the fuel sulfur content exceeding the applicable sulfur-in-fuel limitation, measured emissions exceeding the applicable sulfur-in-fuel limitation, measured emissions exceeding the applicable equivalent emission rate, and the nature and cause of such exceedances if known, for each calendar quarter, within 30 days after the end of any quarterly period in which an exceedance takes place.

Monitoring Frequency: PER DELIVERY
 Reporting Requirements: ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 1/30/2021.
 Subsequent reports are due every 12 calendar month(s).

Condition 32: Compliance Certification
Effective between the dates of 03/16/2020 and 03/15/2025

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

Item 32.1:

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

Emission Unit: U-00001 Process: BNG	Emission Point: 00001 Emission Source: 00001
Emission Unit: U-00001 Process: BNG	Emission Point: 00001 Emission Source: 00002
Emission Unit: U-00001 Process: BNG	Emission Point: 00001 Emission Source: B0004
Emission Unit: U-00001 Process: BNG	Emission Point: 00001 Emission Source: B0005
Emission Unit: U-00001 Process: BOI	Emission Point: 00001 Emission Source: 00001
Emission Unit: U-00001 Process: BOI	Emission Point: 00001 Emission Source: 00002
Emission Unit: U-00001 Process: BOI	Emission Point: 00001 Emission Source: B0004
Emission Unit: U-00001 Process: BOI	Emission Point: 00001 Emission Source: B0005

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

Item 32.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The four boilers identified as Emission Sources 00001, 00002, B0004 & B0005 are all mid-size boilers and burn distillate oil and natural gas (Processes BNG & BOI).

A mid-size boiler is a boiler with a maximum heat input capacity greater than 25 million Btu per hour and equal to or less than 100 million Btu per hour.

This condition applies to distillate oil/natural gas fired mid-size boilers (Emission Sources 00001, 00002, B0004 & B0005). The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.

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

The compliance deadline, with the NOx RACT emission limitation of 0.08 pounds NOx per million Btus listed in this condition, is July 1, 2014 for operating on distillate oil/natural gas. Compliance with the monitoring, record keeping, or reporting requirements listed in this condition begins on July 1, 2014.

Parameter Monitored: OXIDES OF NITROGEN
 Upper Permit Limit: 0.08 pounds per million Btus
 Reference Test Method: App A, Method 7 or 7E or 19
 Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
 Averaging Method: 1-HOUR AVERAGE
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 7/30/2020.
 Subsequent reports are due every 6 calendar month(s).

Condition 33: Compliance Certification
Effective between the dates of 03/16/2020 and 03/15/2025

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

Item 33.1:

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

Emission Unit: U-00001 Process: BOI	Emission Point: 00001 Emission Source: 00001
Emission Unit: U-00001 Process: BOI	Emission Point: 00001 Emission Source: 00002
Emission Unit: U-00001 Process: BOI	Emission Point: 00001 Emission Source: B0004
Emission Unit: U-00001 Process: BOI	Emission Point: 00001 Emission Source: B0005
Regulated Contaminant(s): CAS No: 0NY075-00-0 PARTICULATES	

Item 33.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The two hour average emission of particulates from this stationary combustion installation shall not exceed 0.10 pounds per million Btu of heat input.

The facility shall perform the following:

- 1) Submit to the Department an acceptable protocol for the testing of particulate emissions in a manner that will determine compliance with the limit cited in this condition.
- 2) Perform a stack test, based upon the approved test protocol, to determine compliance with the particulate emission limit cited in this condition.
- 3) Submit an acceptable stack test report that outlines the results obtained from the testing done to meet the requirement of #2 above.
- 4) Facility shall keep records of all testing done at this stationary combustion installation for a period of 5 years.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.10 pounds per million Btus

Reference Test Method: EPA RM 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2020.

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

Condition 34: EPA Region 2 address.

Effective between the dates of 03/16/2020 and 03/15/2025

Applicable Federal Requirement:40CFR 60.4, NSPS Subpart A

Item 34.1:

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

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

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

NYSDEC
Bureau of Quality Assurance

625 Broadway
Albany, NY 12233-3258

Condition 35: Recordkeeping requirements.
Effective between the dates of 03/16/2020 and 03/15/2025

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

Item 35.1:

Affected owners or operators shall maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.

Condition 36: Compliance Certification
Effective between the dates of 03/16/2020 and 03/15/2025

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

Item 36.1:

The Compliance Certification activity will be performed for the Facility.

Item 36.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Affected owners or operators shall submit an excess emissions report and/or a summary report form (as defined in 40 CFR 60.7(d)) semi-annually (or more frequently as required by the applicable Subpart or the Administrator), to the Administrator. These reports shall be post marked no later than 30 days after each six (6) month period (or as appropriate), and shall contain the following information:

- 1) the magnitude of excess emissions computed, any conversion factors used, the date and time of each occurrence, and the process operating time during the reporting period;
- 2) specific identification of each period of excess emissions that occur during startup, shutdown, or malfunction, where the nature, cause, and corrective action are provided for a malfunction;
- 3) the date and time identifying each period during which the continuous monitoring system was inoperative except for zero and span checks and the nature of the system repairs or adjustments; and
- 4) when no excess emissions have occurred or when the

continuous monitoring system(s) have not been inoperative, repaired, or adjusted, such information shall be provided in the report.

Monitoring Frequency: CONTINUOUS
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2020.
Subsequent reports are due every 6 calendar month(s).

Condition 37: Excess emissions report.
Effective between the dates of 03/16/2020 and 03/15/2025

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

Item 37.1:

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

Condition 38: Facility files for subject sources.
Effective between the dates of 03/16/2020 and 03/15/2025

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

Item 38.1:

The following files shall be maintained at the facility for all affected sources: all measurements, including continuous monitoring systems, monitoring device, and performance testing measurements; all continuous monitoring system performance evaluations; all continuous monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required by this part, recorded in permanent form suitable for inspections. The file shall be maintained for at least two years following the date of such measurements, reports, and records.

Condition 39: Availability of information.
Effective between the dates of 03/16/2020 and 03/15/2025

Applicable Federal Requirement:40CFR 60.9, NSPS Subpart A

Item 39.1:

The availability to the public of information provided to, or otherwise obtained by, the Administrator under this part shall be governed by 40 CFR Part 2.

Condition 40: Modifications.
Effective between the dates of 03/16/2020 and 03/15/2025

Applicable Federal Requirement:40CFR 60.14, NSPS Subpart A

Item 40.1:

Within 180 days of the completion of any physical or operational change (as defined in section 60.14), compliance with the applicable standards must be achieved.

Condition 41: Reconstruction
Effective between the dates of 03/16/2020 and 03/15/2025

Applicable Federal Requirement:40CFR 60.15, NSPS Subpart A**Item 41.1:**

The following shall be submitted to the Administrator prior to reconstruction (as defined in section 60.15):

- 1) a notice of intent to reconstruct 60 days prior to the action;
- 2) name and address of the owner or operator;
- 3) the location of the existing facility;
- 4) a brief description of the existing facility and the components to be replaced;
- 5) a description of the existing air pollution control equipment and the proposed air pollution control equipment;
- 6) an estimate of the fixed capital cost of the replacements and of constructing a comparable entirely new facility;
- 7) the estimated life of the facility after the replacements; and
- 8) a discussion of any economic or technical limitations the facility may have in complying with the applicable standards of performance after the proposed replacements.

Condition 42: Applicability

Effective between the dates of 03/16/2020 and 03/15/2025

Applicable Federal Requirement:40CFR 60, NSPS Subpart IIII**Item 42.1:**

Facilities that have stationary compression ignition internal combustion engines must comply with applicable portions of 40 CFR 60 Subpart IIII.

Condition 43: Applicability

Effective between the dates of 03/16/2020 and 03/15/2025

Applicable Federal Requirement:40CFR 63, Subpart ZZZZ**Item 43.1:**

Facilities that have reciprocating internal combustion engines must comply with applicable portions of 40 CFR 63 subpart ZZZZ.

Condition 44: Engines at Area sources of HAP

Effective between the dates of 03/16/2020 and 03/15/2025

Applicable Federal Requirement:40CFR 63, Subpart ZZZZ**Item 44.1:**

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 45: Emission Point Definition By Emission Unit
Effective between the dates of 03/16/2020 and 03/15/2025

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 45.1(From Mod 0):

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

Emission Unit: U-00001

Emission Point: 00001

Height (ft.): 160

Diameter (in.): 60

NYTMN (km.): 4502.2

NYTME (km.): 586.2

Building: 1

Condition 46: Process Definition By Emission Unit
Effective between the dates of 03/16/2020 and 03/15/2025

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 46.1(From Mod 0):

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

Emission Unit: U-00001

Process: BNG

Source Classification Code: 1-03-006-02

Process Description:

Process BNG is the burning of natural gas as the primary fuel in three out of the four (4) external combustion Cleaver Brooks boilers (Emission Sources 00001, 00002, B0004 & B0005) in Emission Unit U-00001. The four boilers provide heat and hot water to the hospital. Flue gases from this process exit through a common stack (Emission Point 00001) connected to all four boilers. The four boilers at New York Presbyterian Brooklyn Methodist Hospital are identified as:

Emission Source 00001 - one existing (since 1996) Cleaver Brooks CB-200-600 boiler of capacity of 25.1 MM Btu/hr.

Emission Source 00002 - one existing (since 1996) Cleaver Brooks CB-200-750 boiler of capacity 31.4 MM Btu/hr.

Emission Sources B0004 & B0005 - two new (installed in 2004) Cleaver Brooks CBLE 200 750 200ST boilers of capacity of 30.6 MM Btu/hr each.

Typically, two boilers are in operation and the other two boilers are on stand-by. For the two new Cleaver Brooks boilers, typically, one boiler will be on 50% of the time on #2 fuel oil and the other 50% of the time on natural gas. The other new boiler will be operated three (3) months per year and the same boiler would be on standby for the other nine (9) months.

Emission Source/Control: 00001 - Combustion
Design Capacity: 25.1 million Btu per hour

Emission Source/Control: 00002 - Combustion
Design Capacity: 31.4 million Btu per hour

Emission Source/Control: B0004 - Combustion
Design Capacity: 30.6 million Btu per hour

Emission Source/Control: B0005 - Combustion
Design Capacity: 30.6 million Btu per hour

Item 46.2(From Mod 0):

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

Emission Unit: U-00001

Process: BOI

Source Classification Code: 1-03-004-02

Process Description:

Process BOI is the burning of #2 fuel oil as the secondary fuel in three out of the four (4) external combustion Cleaver Brooks boilers (Emission Sources 00001, 00002 & B0004) in Emission Unit U-00001. The four boilers provide heat and hot water to the hospital. Flue gases from this process exit through a common stack (Emission Point 00001) connected to the four boilers. The four boilers at New York Presbyterian Brooklyn Methodist Hospital are identified as:

Emission Source 00001 - one existing (since 1996) Cleaver Brooks CB-200-600 boiler of capacity of 25.1 MM Btu/hr.

Emission Source 00002 - one existing (since 1996) Cleaver Brooks CB-200-750 boiler of capacity 31.4 MM Btu/hr.

Emission Sources B0004 & B0005 - two new (installed in 2004) Cleaver Brooks CBLE 200 750 200ST boilers of capacity of 30.6 MM Btu/hr each.

Typically, two boilers are in operation and the other two boilers are on stand-by. For the two new Cleaver Brooks boilers, typically, one boiler will be on 50% of the time on #2 fuel oil and the other 50% of the time on natural gas. The other new boiler will be operated three (3) months per year and the same boiler would be on standby for the other nine (9) months.

Emission Source/Control: 00001 - Combustion
Design Capacity: 25.1 million Btu per hour

Emission Source/Control: 00002 - Combustion
Design Capacity: 31.4 million Btu per hour

Emission Source/Control: B0004 - Combustion
Design Capacity: 30.6 million Btu per hour

Emission Source/Control: B0005 - Combustion
Design Capacity: 30.6 million Btu per hour

**Condition 47: Date of Construction Notification - if a COM is used.
Effective between the dates of 03/16/2020 and 03/15/2025**

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

Item 47.1:

This Condition applies to Emission Unit: U-00001

Item 47.2:

Any owner or operator subject to this part shall furnish the Administrator with the following information:

- 1) a notification of the date construction or reconstruction commenced, postmarked no later than 30 days after such date;
- 3) a notification of the actual date of initial start up, postmarked within 15 days after such date;
- 4) a notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless the change is specifically exempted under 40 CFR 60. The notice shall be postmarked 60 days or as soon as practicable before the change is commenced and shall include information describing the precise nature of the change, present and proposed emission control systems, productive capability of the facility before and after the change, and the expected completion date of the change. The Administrator may request additional information regarding the change;
- 5) a notification of the date upon which the demonstration of continuous monitoring system performance commences, postmarked not less than 30 days prior to such date;
- 6) a notification of the anticipated date for conducting the opacity observations, postmarked not less than 30 days prior to such date; and
- 7) a notification that continuous opacity monitoring system data results will be used to determine compliance with the applicable opacity standard during the performance test, postmarked not less than 30 days prior to the performance test.

Condition 48: Compliance Certification

Effective between the dates of 03/16/2020 and 03/15/2025

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

Item 48.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Item 48.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

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

The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

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

The permittee shall investigate the cause, make any necessary corrections, and verify that the excess visible emissions problem has been corrected. If visible emissions with the potential to exceed the standard continue, the permittee will conduct a Method 9 assessment within the next operating day of the sources associated with the potential noncompliance to determine the degree of opacity and will notify the NYSDEC if the method 9 test indicates that the opacity standard is not met.

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

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: DAILY

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2020.
Subsequent reports are due every 6 calendar month(s).

Condition 49: Compliance Certification
Effective between the dates of 03/16/2020 and 03/15/2025

Applicable Federal Requirement:40CFR 60.43c(c), NSPS Subpart Dc

Item 49.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001

Item 49.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

On and after the date on which the initial performance test is completed or required to be completed under §60.8 of this part, whichever date comes first, no owner or operator of an affected facility that combusts coal, wood or oil and has a heat input capacity of 30 million BTU per hour or greater shall cause to be discharged into the atmosphere from an affected facility any gases that exhibit greater than 20 percent opacity (6-minute average), except for one 6-minute period per hour of not more than 27 percent opacity.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: Method 9
Monitoring Frequency: CONTINUOUS
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2020.
Subsequent reports are due every 6 calendar month(s).

Condition 50: Compliance Certification
Effective between the dates of 03/16/2020 and 03/15/2025

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

Item 50.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: BOI

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 50.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

As an alternative to operating a CEMs at the inlet to the SO₂ control device (or outlet of the steam generating unit if no SO₂ control device is used) as required under paragraph of Subpart 60.46c(a), an owner or operator may elect to determine the average SO₂ emission rate by sampling fuel prior to combustion.

As an alternative fuel sampling procedure for affected facilities combusting oil, oil samples may be collected from the fuel tank for each steam generating unit immediately after the fuel tank is filled and before any oil is combusted.

40 CFR 60-Dc.40c, NSPS which limits the sulfur content in the distillate oil to 0.5 percent by weight is superceded by regulation 6 NYCRR 225-1.2, which limits the sulfur content in the distillate oil to 0.0015 percent by weight or less to facilities in the severe ozone non-attainment area such as New York City on or after July 1, 2012.

New York Methodist Hospital must comply with the 0.0015 percent by weight sulfur content limit as per 6 NYCRR 225-1.2, which has more stringent limit for New York City than 40 CFR 60-Dc.40c, NSPS.

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.0015 percent by weight

Reference Test Method: Method 19

Monitoring Frequency: PER DELIVERY

Averaging Method: 30-DAY ROLLING AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2020.

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

Condition 51: Compliance Certification**Effective between the dates of 03/16/2020 and 03/15/2025****Applicable Federal Requirement:40CFR 60.40c, NSPS Subpart Dc****Item 51.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: BOI

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

Item 51.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The affected facility to which this Subpart applies is each steam generating unit for which construction, modification or reconstruction commenced after June 9, 1989 and that has a maximum design heat input capacity of 100 million Btu/hr or less, but greater than or equal to 10 million Btu/hr. Steam generating units which meet the applicability requirements above are not subject to the sulfur dioxide (SO₂) or particulate matter (PM) emission limits, performance testing requirements, or monitoring requirements under this subpart (Subparts 60.42c, 60.43c, 60.44c, 60.45c, 60.46c, or 60.47c) during periods of combustion research, as defined in Subpart 60.14. Any temporary change to an existing steam generating unit for the purpose of conducting combustion research is not considered a modification under Subpart 60.14.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2020.

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

Condition 52: Compliance Certification

Effective between the dates of 03/16/2020 and 03/15/2025

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

Item 52.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: BOI

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

Item 52.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

On or after the date on which the initial performance test is completed or required to be completed under section 60.8 of this part, no owner or operator of an affected facility that combusts oil shall combust oil with

a sulfur content in excess of 0.0015 percent by weight.

40 CFR 60-Dc.42c(d), NSPS which limits the sulfur content in the distillate oil to 0.5 percent by weight is superseded by regulation 6 NYCRR 225-1.2, which limits the sulfur content in the distillate oil to 0.0015 percent by weight to facilities in the severe ozone non-attainment area such as New York City.

New York Methodist Hospital must comply with the 0.0015 percent by weight sulfur content limit as per 6 NYCRR 225-1.2, which has more stringent limit for New York City than 40 CFR 60-Dc.42c(d), NSPS.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.0015 percent by weight

Reference Test Method: ASTM Method D4292

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2020.

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

**Condition 53: Exemption from the averaging period.
Effective between the dates of 03/16/2020 and 03/15/2025**

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

Item 53.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: BOI

Item 53.2:

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

**Condition 54: Compliance Certification
Effective between the dates of 03/16/2020 and 03/15/2025**

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

Item 54.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001
Process: BOI

Emission Point: 00001

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 54.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The facility owner and/or operator must demonstrate compliance with the requirements of 40 CFR 60.42c(h). Facilities demonstrating compliance using the fuel supplier certification, for sulfur-in-fuel limitations (based on a percent by weight of sulfur in the fuel), shall submit the certification in accordance with the provisions of 40 CFR 60.48c(f)(1), (2) and (3) as applicable.

40 CFR 60-Dc.42c(h), NSPS which limits the sulfur content in the distillate oil to 0.5 percent by weight is superceded by regulation 6 NYCRR 225-1.2, which limits the sulfur content in the distillate oil to 0.0015 percent by weight to facilities in the severe ozone non-attainment area such as New York City.

New York-Presbyterian Brooklyn Methodist Hospital must comply with the 0.0015 percent by weight sulfur content limit as per 6 NYCRR 225-1.2, which has more stringent limit for New York City than 40 CFR 60-Dc.42c(h), NSPS.

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.0015 percent by weight

Reference Test Method: ASTM Method D4292

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2020.

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

**Condition 55: Compliance methods for particulate matter.
Effective between the dates of 03/16/2020 and 03/15/2025**

Applicable Federal Requirement:40CFR 60.45c, NSPS Subpart Dc

Item 55.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: BOI

Item 55.2:

The facility shall conduct compliance testing for particulate matter by the methods listed in this section 40 CFR 60-Dc.45c.

Condition 56: Compliance Certification

Effective between the dates of 03/16/2020 and 03/15/2025

Applicable Federal Requirement: 40CFR 60.46c(d)(2), NSPS Subpart Dc**Item 56.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
 Process: BOI

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

Item 56.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

As an alternative to operating a CEMs at the inlet to the SO₂ control device (or outlet of the steam generating unit if no SO₂ control device is used) as required under paragraph of Subpart 60.46c(a), an owner or operator may elect to determine the average SO₂ emission rate by sampling fuel prior to combustion.

As an alternative fuel sampling procedure for affected facilities combusting oil, oil samples may be collected from the fuel tank for each steam generating unit immediately after the fuel tank is filled and before any oil is combusted.

40 CFR 60-Dc.46c(d)(2), NSPS which limits the sulfur content in the distillate oil to 0.0015 percent by weight is superceded by regulation 6 NYCRR 225-1.2, which limits the sulfur content in the distillate oil to 0.0015 percent by weight to facilities in the severe ozone non-attainment area such as New York City.

New York-Presbyterian Brooklyn Methodist Hospital must comply with the 0.0015 percent by weight sulfur content limit as per 6 NYCRR 225-1.2, which has more stringent limit for New York City than 40 CFR 60-Dc.46c(d)(2), NSPS.

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.0015 percent by weight

Reference Test Method: Method 19

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 30-DAY ROLLING AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2020.
Subsequent reports are due every 6 calendar month(s).

Condition 57: Compliance Certification
Effective between the dates of 03/16/2020 and 03/15/2025

Applicable Federal Requirement:40CFR 60.47c, NSPS Subpart Dc

Item 57.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: BOI

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

Item 57.2:

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 an affected facility that combusts residual oil, coal or wood and has heat input capacity greater than 30 mmbtu/hr shall cause to be discharged into the atmosphere from that affected facility any gases that exhibit greater than 20 percent opacity averaging over 6-minutes, except for one 6-minute period per hour of not more than 27% opacity.

Facilities combusting oil subject to section 40 CFR 60-Dc.43c shall install, calibrate, maintain, and operate CEMs for opacity. All CEMs shall be operated in accordance with appendix B of part 40 CFR 60.

Parameter Monitored: OPACITY
Upper Permit Limit: 27 percent
Reference Test Method: 40 CFR Appendix B
Monitoring Frequency: CONTINUOUS
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2020.
Subsequent reports are due every 6 calendar month(s).

Condition 58: Compliance Certification
Effective between the dates of 03/16/2020 and 03/15/2025

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

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

Item 60.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: BOI Emission Source: 00002

Item 60.2:

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

Condition 61: Applicability of this Subpart to this emission source
Effective between the dates of 03/16/2020 and 03/15/2025

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

Item 61.1:

This Condition applies to Emission Unit: U-00001 Emission Point: 00001
Process: BOI Emission Source: B0004

Item 61.2:

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

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 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 62: Contaminant List
Effective between the dates of 03/16/2020 and 03/15/2025

Applicable State Requirement:ECL 19-0301

Item 62.1:

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

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

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

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

Condition 63: Malfunctions and start-up/shutdown activities
Effective between the dates of 03/16/2020 and 03/15/2025

Applicable State Requirement:6 NYCRR 201-1.4

Item 63.1:

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

(b) The facility owner or operator shall compile and maintain records of all equipment malfunctions, maintenance, or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such

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

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

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

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

Condition 1-4: Malfunctions and Start-up/Shutdown Activities
Effective between the dates of 04/20/2023 and 03/15/2025

Applicable State Requirement: 6 NYCRR 201-1.4

Item 1-4.1:

(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, 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 64: Air pollution prohibited
Effective between the dates of 03/16/2020 and 03/15/2025

Applicable State Requirement:6 NYCRR 211.1

Item 64.1:

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.

