



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

**IDENTIFICATION INFORMATION**

Permit Type: Air Title V Facility  
Permit ID: 2-6304-00404/00004  
Mod 0 Effective Date: 01/31/2017 Expiration Date: 01/30/2022

Mod 1 Effective Date: Expiration Date:

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

Contact: DAVID D BECKER  
DOUGLAS ELLIMAN PROPERTY MANAGEMENT  
59-55 47TH AVE  
WOODSIDE, NY 11377  
(718) 898-7022

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

Contact: DAVID D BECKER  
DOUGLAS ELLIMAN PROPERTY MANAGEMENT  
59-55 47TH AVE  
WOODSIDE, NY 11377  
(718) 898-7022

**Description:**

Big Six Towers, Inc. is submitting a modification to the existing Air Title V (ATV) Facility permit. The existing boilers have reached their useful life and are being replaced under this modification. The facility will be removing the existing three boilers and installing three more-efficient smaller boilers. Boiler details are as follows:

Three (3) new Easco Boiler Corp. boilers, two(2) at 400-horsepower (HP) (16.74 mmBtu/hr) and one (1) at 250-HP (10.46 mmBtu/hr), located at Building 3 venting through the existing stack. The new boilers will replace the three (3) existing three (3) identical Fitzgibbons DM-485 boilers (22.5 mmBtu/hr each). These new boilers will primarily be operating on Natural Gas and will have the capability of combusting No.2 fuel oil as backup to be used only during periods of natural gas curtailment. The new boilers are being permitted under the existing Emission Unit 1-STACK.

With this modification, there will be no increase in the facility's total annual NOx emissions. Also, with the new boilers, this modification will have the NOx PTE emissions below the Non-Attainment New-Source Review (NANSR) and Prevention of Significant Deterioration (PSD) thresholds. Therefore, Part 231 requirements do not apply.

**New York State Department of Environmental Conservation**  
**Facility DEC ID: 2630400404**



All other equipment remain unchanged as per the previously issued permit.

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

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

Authorized Signature: \_\_\_\_\_ Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_



**Notification of Other State Permittee Obligations**

**Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification**

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

**Item B: Permittee's Contractors to Comply with Permit**

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

**Item C: Permittee Responsible for Obtaining Other Required Permits**

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

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

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



**LIST OF CONDITIONS**

**DEC GENERAL CONDITIONS**

**General Provisions**

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

**Facility Level**

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



**DEC GENERAL CONDITIONS**

**\*\*\*\* General Provisions \*\*\*\***

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

**GENERAL CONDITIONS - Apply to ALL Authorized Permits.**

**Condition 1: Facility Inspection by the Department**

**Applicable State Requirement: ECL 19-0305**

**Item 1.1:**

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

**Item 1.2:**

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

**Item 1.3:**

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

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

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

**Item 2.1:**

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

**Condition 1-1: Applications for permit renewals, modifications and transfers**

**Applicable State Requirement: 6 NYCRR 621.11**

**Item 1-1.1:**

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 1-1.2:**

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

**Item 1-1.3**

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

**Item 3.1:**

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

**Item 4.1:**

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

**New York State Department of Environmental Conservation**

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Facility DEC ID: 2630400404



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

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

**IDENTIFICATION INFORMATION**

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59-55 47TH AVE  
WOODSIDE, NY 11377-5662

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

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

Permit Effective Date:

Permit Expiration Date:



**LIST OF CONDITIONS**

**FEDERALLY ENFORCEABLE CONDITIONS**

**Emission Unit Level**

**EU=1-STACK,Proc=PBO**

1-5 6 NYCRR 201-1.7: Compliance Certification

1-6 6 NYCRR 201-1.7: Compliance Certification

**Facility Level**

21 6 NYCRR Subpart 201-6: Emission Unit Definition

1-1 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.

1-2 40CFR 63, Subpart JJJJJ: Applicability

30 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit

31 6 NYCRR Subpart 201-6: Process Definition By Emission Unit

**EU=1-STACK**

1-3 40CFR 60.40c, NSPS Subpart Dc: Applicability of this Subpart to this emission source

1-4 40CFR 60.48c, NSPS Subpart Dc: Recordkeeping and reporting.

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

46 ECL 19-0301: Contaminant List





**FEDERALLY ENFORCEABLE CONDITIONS**  
**\*\*\*\* Emission Unit Level \*\*\*\***

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

- Item A: Public Access to Recordkeeping for Title V Facilities - 6 NYCRR 201-1.10 (b)**  
The Department will make available to the public any permit application, compliance plan, permit, and monitoring and compliance certification report pursuant to Section 503(e) of the Act, except for information entitled to confidential treatment pursuant to 6 NYCRR Part 616 - Public Access to records and Section 114(c) of the Act.
- Item B: Timely Application for the Renewal of Title V Permits - 6 NYCRR 201-6.2 (a) (4)**  
Owners and/or operators of facilities having an issued Title V permit shall submit a complete application at least 180 days, but not more than eighteen months, prior to the date of permit expiration for permit renewal purposes.
- Item C: Certification by a Responsible Official - 6 NYCRR 201-6.2 (d) (12)**  
Any application, form, report or compliance certification required to be submitted pursuant to the federally enforceable portions of this permit shall contain a certification of truth, accuracy and completeness by a responsible official. This certification shall state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- Item D: Requirement to Comply With All Conditions - 6 NYCRR 201-6.4 (a) (2)**  
The permittee must comply with all conditions of the Title V facility permit. Any permit non-compliance constitutes a violation of the Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.
- Item E: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR 201-6.4 (a) (3)**  
This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and



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

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

**Item K: Permit Exclusion - ECL 19-0305**

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

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

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

**MANDATORY FEDERALLY ENFORCEABLE PERMIT CONDITIONS  
SUBJECT TO ANNUAL CERTIFICATIONS 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 1-5: Compliance Certification  
Effective for entire length of Permit**

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

**Item 1-5.1:**

The Compliance Certification activity will be performed for:

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Emission Unit: 1-STACK  
Process: PBO

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

**Item 1-5.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Annual NOx emissions from the process PBO, the firing of Number 2 fuel oil, in the three existing or the three new boilers, rolled on a monthly basis, shall not exceed 6.92 tons per year and shall be calculated on a monthly basis by monitoring the fuel consumption of the No. 2 fuel oil through the boilers. The following formula will be used to calculate NOx emissions to demonstrate compliance with this cap on a rolling 12-month basis:

$V_{oil} \text{ (gallons/year)} \times 20 \text{ lbs/1000 gallons} \times 1 \text{ ton/2000 lbs} < 6.92 \text{ tons/year.}$   
where  $V_{oil}$  = amount of No. 2 fuel oil consumed in the boilers.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NUMBER 2 OIL

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 6.92 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 1-6: Compliance Certification**  
**Effective for entire length of Permit**

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

**Item 1-6.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-STACK  
Process: PBO

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

**Item 1-6.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The firing of No. 2 fuel oil in the three existing and the three new boilers, will be capped at 692,461 gallons of No.2 fuel oil, calculated on a rolling 12-month basis.

Parameter Monitored: NUMBER 2 OIL

Upper Permit Limit: 692,461 gallons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

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

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

**Condition 21: Emission Unit Definition**

**Effective between the dates of 01/31/2017 and Permit Expiration Date**

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

**Item 21.1(From Mod 1):**

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

Emission Unit: 1-STACK

Emission Unit Description:

THE EMISSIONS UNIT CONSISTS OF SIX INTERNAL COMBUSTION ENGINES AND THREE BOILERS. THREE OF THE SIX INTERNAL COMBUSTION ENGINES BURN NO. 2 FUEL OIL. TWO OF THE NO.2 OIL FIRED ENGINES (# 2 AND # 4) ARE CATERPILLAR MODEL D399, RATED AT 850 KW EACH. THE THIRD NO.2 OIL FIRED ENGINE (# 6) IS A CATERPILLAR MODEL D3516, RATED AT 1600 KW. THE THREE NATURAL GAS FIRED ENGINES ARE CATERPILLAR MODEL G399, RATED AT 650 KW EACH. THE THREE EXISTING BOILERS ARE FITZGIBBONS MODEL DM-485 WITH AN IRON FIREMAN AGO-2-22.5 DUAL FUEL BURNER ON EACH BOILER. EACH BOILER IS RATED AT APPROXIMATELY 150 GPH NO.2 FUEL OIL/22.5 MMBTU/HR NATURAL GAS. ABOVE-MENTIONED THREE (3) EXISTING BOILERS ARE BEING REMOVED AND WILL BE REPLACED BY THREE (3) NEW EASCO BOILER CORP MODELS

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FST-250, FST-400, AND ISB-400. THE FST-250 BOILER IS RATED AT 10.46 MMBTU/HR, WHILE FST-400 AND ISB-400 ARE RATED AT APPROXIMATELY 16.74 MMBTU/HR. ONCE EXISTING BOILERS ARE REMOVED, THE THREE NEW BOILERS WILL COMMENCE OPERATION.

WITH THE NEW BOILERS, THIS MODIFICATION WILL HAVE NO<sub>x</sub> PTE EMISSIONS BELOW THE NON-ATTAINMENT NEW SOURCE REVIEW (NANSR) AND PREVENTION OF SIGNIFICANT DETERIORATION (PSD) THRESHOLDS. WITH THIS PROJECT, TOTAL FACILITY EMISSIONS WILL NOT INCREASE.

Building(s): BLDG3

**Condition 1-1: EPA Region 2 address.  
Effective for entire length of Permit**

**Applicable Federal Requirement:40CFR 60.4, NSPS Subpart A**

**Item 1-1.1:**

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 1-2: Applicability  
Effective for entire length of Permit**

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

**Item 1-2.1:**

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

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**Condition 30: Emission Point Definition By Emission Unit**  
**Effective between the dates of 01/31/2017 and Permit Expiration Date**

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

**Item 30.1(From Mod 1):**

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

Emission Unit: 1-STACK

Emission Point: 00001

Height (ft.): 212

Length (in.): 48

Width (in.): 78

NYTMN (km.): 4510.75

NYTME (km.): 592.17

Building: BLDG3

**Condition 31: Process Definition By Emission Unit**  
**Effective between the dates of 01/31/2017 and Permit Expiration Date**

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

**Item 31.1(From Mod 1):**

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

Emission Unit: 1-STACK

Process: PBG

Source Classification Code: 1-03-006-02

Process Description:

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

Emission Source/Control: 00NB1 - Combustion

Design Capacity: 10.46 million Btu per hour

Emission Source/Control: 00NB2 - Combustion

Design Capacity: 16.74 million Btu per hour

Emission Source/Control: 00NB3 - Combustion

Design Capacity: 16.74 million Btu per hour

**Item 31.2(From Mod 1):**

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

Emission Unit: 1-STACK

Process: PBO

Source Classification Code: 1-03-005-02

Process Description:

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

Emission Source/Control: 00NB1 - Combustion

Design Capacity: 10.46 million Btu per hour



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

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

**Item 31.3(From Mod 0):**

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

Emission Unit: 1-STACK  
Process: PEG Source Classification Code: 2-03-002-01  
Process Description:  
COMBUSTION OF NATURAL GAS IN THE  
CATERPILLAR ENGINE GENERATOR SET MODEL G399  
ENGINES.

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

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

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

**Item 31.4(From Mod 0):**

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

Emission Unit: 1-STACK  
Process: PEO Source Classification Code: 2-03-001-01  
Process Description:  
COMBUSTION OF NO.2 DISTILLATE OIL IN THREE  
(3) CATERPILLAR ENGINE GENERATOR SETS, TWO  
(2) MODEL D399'S AND ONE (1) MODEL D3516.  
EACH GENERATOR SET INCLUDES A 16 CYLINDER,  
4 STROKE WATER COOLED ENGINE RUNNING ON  
NO.2 FUEL OIL. ELECTRICAL POWER IS  
GENERATED BY A REVOLVING FIELD, 3-PHASE CAT  
GENERATOR COUPLED AT EACH OF THE THREE  
ENGINES. EXHAUST HEAT IS CAPTURED IN THREE  
WASTE-HEAT EXCHANGERS BEFORE BEING  
EXHAUSTED THROUGH A COMMON 24-INCH DIAMETER  
MANIFOLD. THESE ENGINES ARE HOUSED IN THE  
POWER PLANT AND DISCHARGE UNDERGROUND TO A  
COMMON STACK.

Emission Source/Control: 0ENG2 - Combustion  
Design Capacity: 850 kilowatts

Emission Source/Control: 0ENG4 - Combustion  
Design Capacity: 850 kilowatts

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Emission Source/Control: 0ENG6 - Combustion  
Design Capacity: 1,600 kilowatts

**Condition 1-3: Applicability of this Subpart to this emission source  
Effective for entire length of Permit**

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

**Item 1-3.1:**

This Condition applies to Emission Unit: 1-STACK

**Item 1-3.2:**

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 1-4: Recordkeeping and reporting.  
Effective for entire length of Permit**

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

**Item 1-4.1:**

This Condition applies to Emission Unit: 1-STACK

**Item 1-4.2:**

The facility shall maintain reports and records in accordance with the provisions of this section 40 CFR 60-Dc.48c.



**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 by subpart 201-2, constitutes an affirmative defense to penalties sought in an enforcement action brought by the Department for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

(a) The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:

(1) An emergency occurred and that the facility owner or operator can identify the cause(s) of the emergency;

(2) The equipment at the permitted facility causing the emergency was at the time being properly operated and maintained;

(3) During the period of the emergency the facility owner or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and

(4) The facility owner or operator notified the Department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

(b) In any enforcement proceeding, the facility owner or operator seeking to establish the occurrence of an emergency has the burden of proof.

(c) This provision is in addition to any emergency or upset provision contained in any applicable requirement.

**Item B: 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 46: Contaminant List**  
**Effective between the dates of 01/31/2017 and Permit Expiration Date**

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

**Item 46.1:**

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

CAS No: 000630-08-0  
Name: CARBON MONOXIDE

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

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

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