



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 2-6101-00185/00008
Mod 0 Effective Date: 01/04/2013 Expiration Date: 01/03/2018
Mod 1 Effective Date: 03/16/2015 Expiration Date: 01/03/2018
Mod 2 Effective Date: 05/23/2016 Expiration Date: 01/03/2018
Mod 3 Effective Date: Expiration Date:

Permit Issued To: BROOKLYN NAVY YARD COGENERATION PARTNERS, L.P.
63 FLUSHING AVE UNIT 234
BROOKLYN, NY 11205-1074

Contact: CHRISTOPHER TRABOLD
BROOKLYN NAVY YARD COGENERATION PARTNERS LP
63 FLUSHING AVE BLDG 41 UNIT # 234
BROOKLYN, NY 11205
(718) 237-6755

Facility: BROOKLYN NAVY YARD COGENERATION PLANT
63 FLUSHING AVE|BROOKLYN NAVY YARD, BLDG 41 UNIT #234
BROOKLYN, NY 11205

Contact: CHRISTOPHER TRABOLD
BROOKLYN NAVY YARD COGENERATION PARTNERS LP
63 FLUSHING AVE BLDG 41 UNIT # 234
BROOKLYN, NY 11205
(718) 237-6755

Description:
This facility (**Brooklyn Navy Yard Cogeneration Plant**) is a 286-megawatt (MW) gas-fired power plant. The plant consists of two Siemens V84.2 gas turbines, capable of firing natural gas or fuel oil. Each turbine is equipped with a Heat Recovery Steam Generator (HRSG). Each turbine may operate independently of the other. Both turbines have water or steam injection capability for power augmentation on natural gas and water injection for NOx control on fuel oil. In addition, two distillate oil-fired emergency generators are provided. The plant supplies electricity to Con Edison and the Navy Yard, and supplies steam to Con Edison, the Navy Yard, and the Red Hook Water Pollution Control Plant.



This permit modification is to limit the use of back-up fuel oil to a maximum of 16.74 million gallons per year during the periods of curtailment and supply interruptions of the primary fuel Natural Gas. The facility will continue to maintain and comply with the facility-wide NO_x emissions cap of 145.77 tons per year as prescribed in the previous permit. The application does not seek to modify any other short-term or long-term permit limit.

The facility is required to comply with the provisions of 6 NYCRR Part 225-1.2 requiring the use of ultra low sulfur distillate (USLD) oil with a sulfur content no greater than 0.0015 percent by weight beginning July 1, 2016.

The facility-wide emissions for major air pollutants exceed the major source pollutant threshold and therefore is subject to the provisions of Title V specified under 6 NYCRR subpart 201-6. The facility is subject to the Title IV (Acid Rain Permit) provisions of 40 CFR Part 72, due to emissions of sulfur dioxide caused by activities of generating electricity.

Pursuant to the Phase II requirements of Title IV of the Clean Air Act Amendments of 1990 and 40 CFR Part 72.6(a)(3), the facility is required to apply for the Title IV (Phase II Acid Rain) permit in the Title V application. The facility has to comply with all compliance requirements of Acid Rain Rules (40 CFR Parts 72, Parts 73, Parts 75, Parts 77 and Parts 78).

The Department has previously approved an application for a Title IV Acid Rain Permit renewal to this previously approved facility as required by 40 CFR Part 72 for the applicant's Brooklyn Navy Yard Cogeneration Plant, located at 63 Flushing Avenue - Building 41 in Brooklyn, New York. The current Title IV permit was issued on 1/4/2013. Issuance of this permit will allow the Department to enforce the requirements of the Acid Rain Program. No emissions increase will result from permit issuance. Prior permits issued to this facility remain in force & include requirements for compliance with 6NYCRR Subpart 225-1 (Fuel Composition and Use-Sulfur Limitations) and 227-1 (Stationary Combustion Installations) and 227-2 (Reasonably Available Control Technology (RACT) for Oxides of Nitrogen. The applicant will be required to have sufficient SO₂ allowances in its possession to cover SO₂ emissions from this facility. The applicant shall submit annual compliance certification reports to the Department and the U.S. Environmental Protection Agency (USEPA). The applicant shall maintain and certify monitoring systems and/or methodologies for opacity, SO₂ emissions, NO_x emissions, SO₂ removal (if applicable), CO₂ emissions and volumetric flow rates in accordance with the requirements of 40 CFR Part 75. In accordance with 6NYCRR Parts 621 & 201, the Administrator of the USEPA has the authority to bar issuance of this



permit if it is determined not to be in compliance with applicable requirements of the Clean Air Act or 6NYCRR Part 201.

Nature of business at the facility:

Electric Power Generation

4931 [primary SIC] - Electric & other services combined.

4911- Electric & other services combined

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
 - 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 2-1: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6 NYCRR 621.11

Item 2-1.1:

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

Item 2-1.3:

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: 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 expiration of permits for Title V Facility Permits, or at least 30 days before expiration of permits for 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

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

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Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

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63 FLUSHING AVE UNIT 234
BROOKLYN, NY 11205-1074

Facility: BROOKLYN NAVY YARD COGENERATION PLANT
63 FLUSHING AVE|BROOKLYN NAVY YARD, BLDG 41 UNIT #234
BROOKLYN, NY 11205

Authorized Activity By Standard Industrial Classification Code:
4911 - ELECTRIC SERVICES
4931 - ELEC & OTHER SERVICES COMBINED

Permit Effective Date:

Permit Expiration Date:



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

- Facility Inspection by the Department
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Facility Level

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

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 22 6 NYCRR Subpart 201-6: Emission Unit Definition
- 3-1 6 NYCRR Subpart 201-6: Compliance Certification
- 2-7 : Compliance Certification
- 3-2 40CFR 52.21(j), Subpart A: Compliance Certification
- 2-8 40CFR 52.21(j), Subpart A: Compliance Certification
- Emission Unit Level**
- 69 6 NYCRR Subpart 201-6: Process Definition By Emission Unit

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 134 ECL 19-0301: Contaminant List



FEDERALLY ENFORCEABLE CONDITIONS
****** Facility Level ******

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

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



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. If additional applicable requirements under the Act become applicable where this permit's remaining term is 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 this 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 Part 201-6.7 and Part 621.

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.

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

Condition 22: Emission Unit Definition

Effective between the dates of 01/04/2013 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 22.1(From Mod 3):

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

Emission Unit: U-00001

Emission Unit Description:

Siemens V84.2 combustion turbine equipped with HR3 dry low-NOx burner, Si3D thermal performance upgrade, gas turbine air inlet cooling, selective catalytic reduction, water or steam injection for power augmentation when firing gas, water injection for NOx control when firing

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oil, and a heat recovery steam generator(HRSG).

Building(s): B41

Item 22.2(From Mod 3):

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

Emission Unit: U-00002

Emission Unit Description:

Siemens V84.2 combustion turbine equipped with HR3 dry low-NOx burner, Si3D thermal performance upgrade, gas turbine air inlet cooling, selective catalytic reduction, water or steam injection for power augmentation when firing gas, water injection for NOx control when firing oil, and a heat recovery steam generator(HRSG).

Building(s): B41

Item 22.3(From Mod 3):

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

Emission Unit: U-00003

Emission Unit Description:

EMERGENCY GENERATOR NUMBER 1.

Building(s): B41

Item 22.4(From Mod 3):

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

Emission Unit: U-00004

Emission Unit Description:

EMERGENCY GENERATOR NUMBER 2.

Building(s): B41

**Condition 3-1: Compliance Certification
Effective for entire length of Permit**

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 3-1.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Emission Unit: U-00002

Item 3-1.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Total annual use of distillate oil (including Kerosene,

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Jet A and Biofuels) for both turbines will not exceed 16.74 million gallons per year based on a daily rolling basis.

Monitoring Frequency: DAILY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 2-7: Compliance Certification
Effective between the dates of 05/23/2016 and Permit Expiration Date

Applicable Federal Requirement:

Expired by Mod 3

Item 2-7.1:

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

Emission Unit: U-00001

Emission Unit: U-00002

Item 2-7.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Total annual distillate oil (including Kerosene, Jet A and Biofuels) use for both turbines will not exceed the following (based on a daily rolling basis):

Siemens V84.2: 10.66 x 10⁶ gal/yr.

Work Practice Type: PROCESS MATERIAL THRUPUT
Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL
Upper Permit Limit: 10.66 million gallons per year
Monitoring Frequency: DAILY
Averaging Method: ANNUAL MAXIMUM ROLLED DAILY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2016.
Subsequent reports are due every 6 calendar month(s).

Condition 3-2: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 52.21(j), Subpart A

Item 3-2.1:

The Compliance Certification activity will be performed for the facility:



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The Compliance Certification applies to:

Emission Unit: U-00003

Emission Unit: U-00004

Item 3-2.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Total distillate oil use (including Kerosene, Jet A and Biofuels) for both the emergency generators is limited to 64,800 gallons per year, including routine testing, calculated as a 365-day rolling total.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Upper Permit Limit: 64800 gallons per year

Monitoring Frequency: DAILY

Averaging Method: ANNUAL MAXIMUM ROLLED DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 2-8: Compliance Certification

Effective between the dates of 05/23/2016 and Permit Expiration Date

Applicable Federal Requirement:40CFR 52.21(j), Subpart A

Expired by Mod 3

Item 2-8.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Emission Unit: U-00002

Item 2-8.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Total distillate oil use (including Kerosene, Jet A and Biofuels) for both the emergency generators is limited to 64,800 gallons per year, including routine testing, calculated as a 365-day rolling total.

Work Practice Type: PROCESS MATERIAL THRUPUT

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Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL
Upper Permit Limit: 64800 gallons per year
Monitoring Frequency: DAILY
Averaging Method: ANNUAL MAXIMUM ROLLED DAILY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2016.
Subsequent reports are due every 6 calendar month(s).

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

Condition 69: Process Definition By Emission Unit
Effective between the dates of 01/04/2013 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 69.1(From Mod 3):

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

Emission Unit: U-00001
Process: 01A Source Classification Code: 2-02-001-01
Process Description:
COMBUSTION OF DISTILLATE OIL DURING LOAD
OPERATIONS BETWEEN 50% TO 100% LOAD.

Emission Source/Control: 00011 - Combustion
Design Capacity: 1,503 million Btu per hour

Emission Source/Control: 00012 - Control
Control Type: DRY LOW NO_x BURNER

Emission Source/Control: 00013 - Control
Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Emission Source/Control: 00015 - Control
Control Type: WATER INJECTION

Item 69.2(From Mod 3):

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

Emission Unit: U-00002
Process: 02A Source Classification Code: 2-02-001-01
Process Description:
COMBUSTION OF DISTILLATE OIL, KEROSENE,
JET A FUEL, BIOFUELS DURING LOAD OPERATIONS
BETWEEN 50% TO 100% LOAD.

Emission Source/Control: 00021 - Combustion
Design Capacity: 1,503 million Btu per hour

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Emission Unit: U-00002

Process: 02B

Source Classification Code: 2-02-002-01

Process Description:

COMBUSTION OF NATURAL GAS DURING LOAD
OPERATIONS BETWEEN 50% TO 100% LOAD.

Emission Source/Control: 00021 - Combustion

Design Capacity: 1,503 million Btu per hour

Emission Source/Control: 00022 - Control

Control Type: DRY LOW NO_x BURNER

Emission Source/Control: 00023 - Control

Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)



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 constitutes an affirmative defense to an action brought 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 and/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;
- (3) During the period of the emergency the facility owner and/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 and/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 and/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 134: Contaminant List

Effective between the dates of 01/04/2013 and Permit Expiration Date

Applicable State Requirement:ECL 19-0301

Item 134.1:

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: 007664-41-7
Name: AMMONIA

CAS No: 0NY075-00-5
Name: PM-10

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

CAS No: 0NY998-00-0
Name: VOC

