



**New York State Department of Environmental Conservation
Permit Review Report**

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

Facility Identification Data

Name: NEW YORK PRESBYTERIAN HOSPITAL

Address: 622 W 168TH ST
NEW YORK, NY 10032-3702

Owner/Firm

Name: THE NEW YORK AND PRESBYTERIAN HOSPITAL

Address: 525 E 68TH ST
NEW YORK, NY 10065-4885, USA

Owner Classification: Corporation/Partnership

Permit Contacts

Division of Environmental Permits:

Name: ELIZABETH A CLARKE

Address: NYSDEC
47-40 21ST ST
LONG ISLAND CITY, NY 11101-5407
Phone:7184824997

Division of Air Resources:

Name: DIANA MENASHA
Address: NYSDEC REGION 2 OFFICE
HUNTERS POINT PLAZA
LONG ISLAND CITY, NY 11101
Phone:7184827263

Air Permitting Contact:

Name: JOSEPH LORINO
Address: THE NEW YORK PRESBYTERIAN HOSPITAL
177 FORT WASHINGTON AVE STE 9006
NEW YORK, NY 10032
Phone:2123051414

Permit Description

Introduction

The Title V operating air permit is intended to be a document containing only enforceable terms and conditions as well as any additional information, such as the identification of emission units, emission points, emission sources and processes, that makes the terms meaningful. 40 CFR Part 70.7(a)(5) requires that each Title V permit have an accompanying "...statement that sets forth the legal and factual basis for the draft permit conditions". The purpose for this permit review report is to satisfy the above requirement by providing pertinent details regarding the permit/application data and permit conditions in a more easily understandable format. This report will also include background narrative and explanations of regulatory decisions made by the reviewer. It should be emphasized that this permit review report, while based on information contained in the permit, is a separate document and is not itself an enforceable term and condition of the permit.

Summary Description of Proposed Project

New York Presbyterian Hospital (NYPH) operates a few emission sources that include four (4) large size dual fuel (oil and natural gas) boilers, two of which are identical 150 MM Btu/hr Combustion engineering/VP-12 W (CE) each boilers, and the other two boilers are identical 137.8 MM Btu/hr



**New York State Department of Environmental Conservation
Permit Review Report**

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

Babcock & Wilcox/FM 117-79 (B&W) each boilers, eight (8) emergency generators, thirteen (13) fuel oil tanks and a few other exempt sources such as laboratory fume hoods under a Title V Renewal #1, Modification #1 Air Title V permit that was issued on 6/9/2009.

NYPH plans to comply with the new July 1, 2014 NOx RACT (Oxides of Nitrogen Reasonably Available Control Technology) by switching to #2 fuel oil firing from #6 fuel oil firing and inclusion of Flue Gas Recirculation (FGR) system. Necessary modifications to the burner management system will be made to enable #2 fuel oil firing in the same burners. As a result, the NOx emissions will be below 0.15 lbs/MM Btu, the NOx RACT requirement for large size boilers for gas/oil operation, effective July 1, 2014. The change in process to account for #2 fuel oil emissions has been addressed in this application. There are no changes to the facility's steam and hot-water loads.

This is considered to be a "minor modification" permit application to request permission to fire #2 fuel oil and thus demonstrate compliance with the new NOx RACT regulation. Fuel oil conversion and burner upgrades will be made prior to July 1, 2014. Until the fuel conversion process is completed, the facility will continue to fire #6 fuel oil.

The two Babcock & Wilcox boilers (Emission Sources 00008 & 00009) currently have individual NOx and SO2 (Sulfur Dioxide) limits. The facility will fire #2 fuel oil and natural gas such that the NOx and SO2 capping compliance will be achieved for each of the Babcock & Wilcox boilers. The current permit allows up to 56.8 tons per year (TPY) of NOx and 44.3 TPY of SO2 for Emission Source 00008. Similarly, current permit allows up to 69.0 tons per year (TPY) of NOx and 56.6 TPY of SO2 for Emission Source 00009.

In addition, the four (4) boilers will be operated such that the facility-wide NOx emissions will continue to remain under the 173.37 tpy cap, and the facility-wide SO2 emissions will continue to remain under the 140.66 tpy cap.

This requested modification does not modify the Netting Analysis, thereby not triggering New Source Review (NSR) or Prevention of Significant Deterioration (PSD) requirements. However, included with this permit modification is a revised Netting Analysis based on new stack test emissions factor that was conducted in October, 2011.

Ethylene Oxide sterilizers and their associated abator (Emission Unit U-000020) were removed on April 30, 2011.

Attainment Status

NEW YORK PRESBYTERIAN HOSPITAL is located in the town of MANHATTAN in the county of NEW YORK.

The attainment status for this location is provided below. (Areas classified as attainment are those that meet all ambient air quality standards for a designated criteria air pollutant.)

Criteria Pollutant	Attainment Status
-----	-----
-----	-----
Particulate Matter (PM)	ATTAINMENT
Particulate Matter < 10µ in diameter (PM10)	MODERATE NON-ATTAINMENT
Sulfur Dioxide (SO2)	ATTAINMENT
Ozone*	SEVERE NON-ATTAINMENT



**New York State Department of Environmental Conservation
Permit Review Report**

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

Oxides of Nitrogen (NOx)**	ATTAINMENT
Carbon Monoxide (CO)	ATTAINMENT

* Ozone is regulated in terms of the emissions of volatile organic compounds (VOC) and/or oxides of nitrogen (NOx) which are ozone precursors.

** NOx has a separate ambient air quality standard in addition to being an ozone precursor.

Facility Description:

New York Presbyterian Hospital (NYPH), located at 622 West 168th Street, New York, NY (Uptown Campus), operates a few emission sources that include four boilers. Two of these four boilers are old 150 MM Btu/hr Combustion Engineering (each) - Emission Sources 00004 & 00005 and they were installed on 1/1/1967, and the other two are new 137.8 MM Btu/hr Babcock & Wilcox (each) and they were installed on 6/1/2004 (Emission Source 00008) and on 12/31/2004 (Emission Source S0009). This application is submitted to modify the permit in compliance with 6 NYCRR 227-2 for the new July 1, 2014 NOx RACT (Oxides of Nitrogen Reasonably Available Control Technology) by switching to #2 fuel oil firing from #6 fuel oil firing and inclusion of Flue Gas Recirculation (FGR) system.

The facility includes the following emission sources:

- (i) Two 137.8 MM Btu/hr each new Babcock & Wilcox/FM-2566 boilers, operating on both natural gas & # 6 fuel oil - Emission Sources 00008 & S0009, and
- (ii) Two 150 MM Btu/hr each Combustion Engineering/VP-12W boilers, operating on both natural gas & # 6 fuel oil - Emission Sources 00004 & 00005. These two boilers will operate at 70 % reduced operations.

In addition to the four boilers mentioned above, the facility also operates eight (8) emergency generators, one water cooling tower, thirteen (13) fuel oil storage tanks and several fume hoods.

The facility operates other sources which are considered exempt from permitting in accordance with 6 NYCRR 201-3.2 (c), including eight (8) emergency diesel generators (<500 hours per year each), thirteen (13) fuel oil storage tanks (<300,000 barrels), one water cooling tower and several laboratory fume hoods.

To remain below New Source Review (NSR - 6NYCRR 231-2) thresholds, the natural gas consumption will be limited so that the NOx emissions associated with the first new Babcock & Wilcox boiler (Emission Source 00008) will be limited to 56.8 tpy. And the NOx emissions associated with the second new Babcock & Wilcox boiler (Emission Source S0009) will be limited to 69.0 tpy. This would limit the emission of oxides of nitrogen to below the 56.8 tons per year for any twelve consecutive months for Emission Source 00008, and to below 69.0 tons per year for any twelve consecutive months for Emission Source S0009.

The NOx RACT limit for large boilers (a boiler with a maximum heat input capacity greater than 100 million Btu per hour and equal to or less than 250 million Btu per hour) operating on gas/oil is 0.30 lb/MM Btus prior to July 1, 2014, and 0.15 lb/MM Btus on or after July 1, 2014.

In addition, the four (4) boilers will be operated such that the facility-wide NOx emissions will continue to remain under the 173.37 tpy cap, and the facility-wide SO2 emissions will continue to remain under the 140.66 tpy cap.



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

Permit Structure and Description of Operations

The Title V permit for NEW YORK PRESBYTERIAN HOSPITAL

is structured in terms of the following hierarchy: facility, emission unit, emission point, emission source and process. A facility is defined as all emission sources located at one or more adjacent or contiguous properties owned or operated by the same person or persons under common control. The facility is subdivided into one or more emission units (EU). Emission units are defined as any part or activity of a stationary facility that emits or has the potential to emit any federal or state regulated air pollutant. An emission unit is represented as a grouping of processes (defined as any activity involving one or more emission sources (ES) that emits or has the potential to emit any federal or state regulated air pollutant). An emission source is defined as any apparatus, contrivance or machine capable of causing emissions of any air contaminant to the outdoor atmosphere, including any appurtenant exhaust system or air cleaning device. [NOTE: Indirect sources of air contamination as defined in 6 NYCRR Part 203 (i.e. parking lots) are excluded from this definition]. The applicant is required to identify the principal piece of equipment (i.e., emission source) that directly results in or controls the emission of federal or state regulated air pollutants from an activity (i.e., process). Emission sources are categorized by the following types:

- combustion - devices which burn fuel to generate heat, steam or power
- incinerator - devices which burn waste material for disposal
- control - emission control devices
- process - any device or contrivance which may emit air contaminants that is not included in the above categories.

NEW YORK PRESBYTERIAN HOSPITAL is defined by the following emission unit(s):

Emission unit U00001 - Emission Unit U-00001 consists of four boilers, two boilers are 150 MM Btu/hr (each) Combustion Engineering/VP-12W (Emission Sources 00004 & 00005), and the other two boilers are 137.8 MM Btu/hr (each) Babcock & Wilcox/FM-2566 (Emission Sources 00008 & S0009). All four boilers operate on natural gas (Process 001) and #6 fuel oil (Process 002). The #6 fuel oil will be fired until the fuel switching from #6 fuel oil to #2 fuel oil (process 003) is completed, latest by July 1, 2014.

The exhaust gases are discharged to the atmosphere via a common stack connected to the existing boilers, identified as Emission Point 00001.

To remain below New Source Review (NSR - 6NYCRR 231-2) thresholds, the natural gas consumption will be limited so that the NO_x emissions associated with the first new Babcock & Wilcox boiler (Emission Source 00008) will be limited to 56.8 tpy. And the NO_x emissions associated with the second new Babcock & Wilcox boiler (Emission Source S0009) will be limited to 69.0 tpy. This would limit the emission of oxides of nitrogen to below the 56.8 tons per year for any twelve consecutive months for Emission Source 00008, and to below 69.0 tons per year for any twelve consecutive months for Emission Source S0009.

The NO_x RACT limit for large boilers (a boiler with a maximum heat input capacity greater than 100 million Btu per hour and equal to or less than 250 million Btu per hour) operating on gas/oil is 0.30 lb/MM Btus prior to July 1, 2014, and 0.15 lb/MM Btus on or



**New York State Department of Environmental Conservation
Permit Review Report**

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

after July 1, 2014.

Emission unit U00001 is associated with the following emission points (EP):
00001

Process: 001 is located at BASEMENT, Building HOSPITAL - Process 001 is the firing of natural gas in Boilers 004, 005, 008 & 009 (Emission Sources 00004, 00005, 00008 & S0009) in Emission Unit U-00001. The four boilers burn natural gas (Process 001), #6 fuel oil (Process 002) until June 30th, 2014 and #2 fuel oil (Process 003) on and after July 1st, 2014 to generate steam for heating the hospital buildings. The exhaust gases are discharged to the atmosphere via a common stack connected to the existing boilers, identified as Emission Point 00001.

To remain below New Source Review (NSR - 6NYCRR 231-2) thresholds, the natural gas consumption will be limited so that the NO_x emissions associated with the first new Babcock & Wilcox boiler (Emission Source 00008) will be limited to 56.8 tpy. And the NO_x emissions associated with the second new Babcock & Wilcox boiler (Emission Source S0009) will be limited to 69.0 tpy. This would limit the emission of oxides of nitrogen to below the 56.8 tons per year for any twelve consecutive months for Emission Source 00008, and to below 69.0 tons per year for any twelve consecutive months for Emission Source S0009.

The NO_x RACT limit for large boilers (a boiler with a maximum heat input capacity greater than 100 million Btu per hour and equal to or less than 250 million Btu per hour) operating on gas/oil is 0.30 lb/MM Btus prior to July 1, 2014, and 0.15 lb/MM Btus on or after July 1, 2014.

Process: 002 is located at BASEMANT, Building HOSPITAL - Process 002 is the firing of # 6 fuel oil in Boilers 004, 005, 008 & 009 (Emission Sources 00004, 00005, 00008 & S0009) in Emission Unit U-00001. The four boilers burn natural gas (Process 001), #6 fuel oil (Process 002) until June 30th, 2014 and #2 fuel oil (Process 003) on and after July 1st, 2014 to generate steam for heating the hospital buildings. The exhaust gases are discharged to the atmosphere via a common stack connected to the existing boilers, identified as Emission Point 00001.

To remain below Prevention of Significant Deterioration (PSD - 40 CFR 52-A.21) thresholds, the #6 fuel oil consumption will be limited so that the SO₂ emissions associated with the first new Babcock & Wilcox boiler (Emission Source 00008) will be limited to 44.3 tpy. And the SO₂ emissions associated with the second new Babcock & Wilcox boiler (Emission Source S0009) will be limited to 56.6 tpy. This would limit the emission of sulfur dioxide to below the 44.3 tons per year for any twelve consecutive months for Emission Source 00008, and to below the 56.6 tons per year for any twelve consecutive months for Emission Source S0009.

The NO_x RACT limit for large boilers (a boiler with a maximum heat input capacity greater than 100 million Btu per hour and equal to or less than 250 million Btu per hour) operating on gas/oil is 0.30 lb/MM Btus prior to July 1, 2014, and 0.15 lb/MM Btus on or after July 1, 2014.

This process will terminate on or before July 1, 2014.

Process: 003 is located at BASEMENT, Building HOSPITAL - Process 003 is when one or more of the four boilers fire #2 fuel oil on and after July 1st, 2014 to generate steam for heating the hospital buildings. The exhaust gases are discharged to the atmosphere via a common stack connected to the existing boilers, identified as Emission Point 00001.

To remain below Prevention of Significant Deterioration (PSD - 40 CFR 52-A.21) thresholds, the #6 fuel



**New York State Department of Environmental Conservation
Permit Review Report**

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

boiler (Emission Source 00008) will be limited to 44.3 tpy. And the SO₂ emissions associated with the second new Babcock & Wilcox boiler (Emission Source S0009) will be limited to 56.6 tpy. This would limit the emission of sulfur dioxide to below the 44.3 tons per year for any twelve consecutive months for Emission Source 00008, and to below the 56.6 tons per year for any twelve consecutive months for Emission Source S0009.

The NO_x RACT limit for large boilers (a boiler with a maximum heat input capacity greater than 100 million Btu per hour and equal to or less than 250 million Btu per hour) operating on gas/oil is 0.30 lb/MM Btus prior to July 1, 2014, and 0.15 lb/MM Btus on or after July 1, 2014.

This process will begin prior to July 1, 2014 or sooner when #6 fuel oil usage will terminate.

Title V/Major Source Status

NEW YORK PRESBYTERIAN HOSPITAL is subject to Title V requirements. This determination is based on the following information:

New York Presbyterian Hospital is a major facility because the potential emissions of carbon monoxide, nitrogen oxides and volatile organic compounds are greater than the major source thresholds (100 tons/year for carbon monoxide, and 25 tons per year for both nitrogen oxides and volatile organic compounds).

Program Applicability

The following chart summarizes the applicability of NEW YORK PRESBYTERIAN HOSPITAL with regards to the principal air pollution regulatory programs:

Regulatory Program	Applicability
PSD	NO
NSR (non-attainment)	NO
NESHAP (40 CFR Part 61)	NO
NESHAP (MACT - 40 CFR Part 63)	NO
NSPS	YES
TITLE IV	NO
TITLE V	YES
TITLE VI	NO
RACT	YES
SIP	YES

NOTES:

PSD Prevention of Significant Deterioration (40 CFR 52) - requirements which pertain to major stationary sources located in areas which are in attainment of National Ambient Air Quality Standards (NAAQS) for specified pollutants.

NSR New Source Review (6 NYCRR Part 231) - requirements which pertain to major stationary



**New York State Department of Environmental Conservation
Permit Review Report**

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

sources located in areas which are in non-attainment of National Ambient Air Quality Standards (NAAQS) for specified pollutants.

NESHAP National Emission Standards for Hazardous Air Pollutants (40 CFR 61) - contaminant and source specific emission standards established prior to the Clean Air Act Amendments of 1990 (CAAA) which were developed for 9 air contaminants (inorganic arsenic, radon, benzene, vinyl chloride, asbestos, mercury, beryllium, radionuclides, and volatile HAP's).

MACT Maximum Achievable Control Technology (40 CFR 63) - contaminant and source specific emission standards established by the 1990 CAAA. Under Section 112 of the CAAA, the US EPA is required to develop and promulgate emissions standards for new and existing sources. The standards are to be based on the best demonstrated control technology and practices in the regulated industry, otherwise known as MACT. The corresponding regulations apply to specific source types and contaminants.

NSPS New Source Performance Standards (40 CFR 60) - standards of performance for specific stationary source categories developed by the US EPA under Section 111 of the CAAA. The standards apply only to those stationary sources which have been constructed or modified after the regulations have been proposed by publication in the Federal Register and only to the specific contaminant(s) listed in the regulation.

Title IV Acid Rain Control Program (40 CFR 72 thru 78) - regulations which mandate the implementation of the acid rain control program for large stationary combustion facilities.

Title VI Stratospheric Ozone Protection (40 CFR 82, Subparts A thru G) - federal requirements that apply to sources which use a minimum quantity of CFC's (chlorofluorocarbons), HCFC's (hydrofluorocarbons) or other ozone depleting substances or regulated substitute substances in equipment such as air conditioners, refrigeration equipment or motor vehicle air conditioners or appliances.

RACT Reasonably Available Control Technology (6 NYCRR Parts 212.10, 226, 227-2, 228, 229, 230, 232, 233, 234, 235, 236) - the lowest emission limit that a specific source is capable of meeting by application of control technology that is reasonably available, considering technological and economic feasibility. RACT is a control strategy used to limit emissions of VOC's and NOx for the purpose of attaining the air quality standard for ozone. The term as it is used in the above table refers to those state air pollution control regulations which specifically regulate VOC and NOx emissions.

SIP State Implementation Plan (40 CFR 52, Subpart HH) - as per the CAAA, all states are empowered and required to devise the specific combination of controls that, when implemented, will bring about attainment of ambient air quality standards established by the federal government and the individual state. This specific combination of measures is referred to as the SIP. The term here refers to those state regulations that are approved to be included in the SIP and thus are considered federally enforceable.

Compliance Status

Facility is in compliance with all requirements.

SIC Codes

SIC or Standard Industrial Classification code is an industrial code developed by the federal Office of Management and Budget for use, among other things, in the classification of establishments by the type of activity in which they are engaged. Each operating establishment is assigned an industry code on the



**New York State Department of Environmental Conservation
Permit Review Report**

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

basis

of its primary activity, which is determined by its principal product or group of products produced or distributed, or services rendered. Larger facilities typically have more than one SIC code.

SIC Code

Description

8062

GENERAL MEDICAL & SURGICAL HOSPITALS

SCC Codes

SCC or Source Classification Code is a code developed and used" by the USEPA to categorize processes which result in air emissions for the purpose of assessing emission factor information. Each SCC represents

a unique process or function within a source category logically associated with a point of air pollution emissions. Any operation that causes air pollution can be represented by one or more SCC's.

SCC Code

Description

1-02-004-01

EXTERNAL COMBUSTION BOILERS - INDUSTRIAL
INDUSTRIAL BOILER - RESIDUAL OIL
Grade 6 Oil

1-02-006-01

EXTERNAL COMBUSTION BOILERS - INDUSTRIAL
INDUSTRIAL BOILER - NATURAL GAS
Over 100 MBtu/Hr

3-99-999-94

MISCELLANEOUS MANUFACTURING INDUSTRIES
MISCELLANEOUS INDUSTRIAL PROCESSES
Other Not Classified

Facility Emissions Summary

In the following table, the CAS No. or Chemical Abstract Service code is an identifier assigned to every chemical compound. [NOTE: Certain CAS No.'s contain a 'NY' designation within them. These are not true CAS No.'s but rather an identification which has been developed by the department to identify groups of contaminants which ordinary CAS No.'s do not do. As an example, volatile organic compounds or VOC's are identified collectively by the NY CAS No. 0NY998-00-0.] The PTE refers to the Potential to Emit. This is defined as the maximum capacity of a facility or air contaminant source to emit any air contaminant under its physical and operational design. Any physical or operational limitation on the capacity of the facility or air contamination source to emit any air contaminant, including air pollution control equipment and/or restrictions on the hours of operation, or on the type or amount or material combusted, stored, or processed, shall be treated as part of the design only if the limitation is contained in federally enforceable permit conditions. The PTE Range represents an emission range for a contaminant. Any PTE quantity that is displayed represents a facility-wide emission cap or limitation for that contaminant. If no PTE quantity is displayed, the PTE Range is provided to indicate the approximate magnitude of facility-wide emissions for the specified contaminant in terms of tons per year (tpy). The term 'HAP' refers to any of the hazardous air pollutants listed in section 112(b) of the Clean Air Act Amendments of 1990. Total emissions of all hazardous air pollutants are listed under the special NY CAS No. 0NY100-00-0. In addition, each individual hazardous air pollutant is also listed under its own specific CAS No. and is identified in the list below by the (HAP) designation.

Cas No.	Contaminant Name	PTE	
		lbs/yr	Range
000630-08-0	CARBON MONOXIDE	643981	
0NY210-00-0	OXIDES OF NITROGEN	1860769	
0NY075-00-0	PARTICULATES	247765	



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

007446-09-5
0NY998-00-0

SULFUR DIOXIDE
VOC

1619653
58912

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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: 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 C: Timely Application for the Renewal of Title V Permits -6 NYCRR Part 201-6.3(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 D: Certification by a Responsible Official - 6 NYCRR Part 201-6.3(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 E: Requirement to Comply With All Conditions - 6 NYCRR Part 201-6.5(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



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.

Item F: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR Part 201-6.5(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 G: Cessation or Reduction of Permitted Activity Not a Defense - 6 NYCRR 201-6.5(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 H: Property Rights - 6 NYCRR 201-6.5(a)(6)

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

Item I: Severability - 6 NYCRR Part 201-6.5(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 J: Permit Shield - 6 NYCRR Part 201-6.5(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



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

from the permittee concerning the ability to enter, inspect and monitor the facility.

Item K: Reopening for Cause - 6 NYCRR Part 201-6.5(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 L: 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 M: 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



**New York State Department of Environmental Conservation
Permit Review Report**

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

applicable requirements as being enforceable under only state regulations.

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

**Item A: 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.

Regulatory Analysis

Location Facility/EU/EP/Process/ES	Regulation	Condition	Short Description

FACILITY	ECL 19-0301	239	Powers and Duties of the Department with respect to air pollution control
FACILITY	40CFR 52-A.21	2 -4, 2 -5	Prevention of Significant Deterioration
FACILITY	40CFR 52-A.21(j)	2 -8	Best Available Control Technology
U-00001/00001/001/00008	40CFR 60-A	51	General provisions
U-00001/00001/001/S0009	40CFR 60-A	88	General provisions
U-00001/00001/002/00008	40CFR 60-A	133	General provisions
U-00001/00001/002/S0009	40CFR 60-A	185	General provisions
U-00001/00001/001/00008	40CFR 60-A.11	63	General provisions - compliance with standards and maintenance requirements
U-00001/00001/001/S0009	40CFR 60-A.11	100	General provisions - compliance with standards and maintenance requirements
U-00001/00001/002/00008	40CFR 60-A.11	145	General provisions - compliance with



**New York State Department of Environmental Conservation
Permit Review Report**

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

U- 00001/00001/002/S0009	40CFR 60-A.11	197	standards and maintenance requirements General provisions - compliance with standards and maintenance requirements
U- 00001/00001/001/00008	40CFR 60-A.12	64	General provisions - Circumvention
U- 00001/00001/001/S0009	40CFR 60-A.12	101	General provisions - Circumvention
U- 00001/00001/002/00008	40CFR 60-A.12	146	General provisions - Circumvention
U- 00001/00001/002/S0009	40CFR 60-A.12	198	General provisions - Circumvention
U- 00001/00001/001/00008	40CFR 60-A.13	65	General provisions - Monitoring requirements
U- 00001/00001/001/S0009	40CFR 60-A.13	102	General provisions - Monitoring requirements
U- 00001/00001/002/00008	40CFR 60-A.13	147	General provisions - Monitoring requirements
U- 00001/00001/002/S0009	40CFR 60-A.13	199	General provisions - Monitoring requirements
FACILITY	40CFR 60-A.13 (c)	31	General provisions - Monitoring requirements
U- 00001/00001/001/00008	40CFR 60-A.14	66	General provisions - Modification
U- 00001/00001/001/S0009	40CFR 60-A.14	103	General provisions - Modification
U- 00001/00001/002/00008	40CFR 60-A.14	148	General provisions - Modification
U- 00001/00001/002/S0009	40CFR 60-A.14	200	General provisions - Modification
FACILITY	40CFR 60-A.15	32	General provisions - Reconstruction
U- 00001/00001/001/00008	40CFR 60-A.4	52	General provisions - Address
U- 00001/00001/001/S0009	40CFR 60-A.4	89	General provisions - Address
U- 00001/00001/002/00008	40CFR 60-A.4	134	General provisions - Address
U- 00001/00001/002/S0009	40CFR 60-A.4	186	General provisions - Address
U- 00001/00001/001/00008	40CFR 60-A.7 (a)	53	Notification and Recordkeeping
U- 00001/00001/001/S0009	40CFR 60-A.7 (a)	90	Notification and Recordkeeping
U- 00001/00001/002/00008	40CFR 60-A.7 (a)	135	Notification and Recordkeeping
U- 00001/00001/002/S0009	40CFR 60-A.7 (a)	187	Notification and Recordkeeping
U- 00001/00001/001/00008	40CFR 60-A.7 (b)	54	Notification and Recordkeeping
U- 00001/00001/001/S0009	40CFR 60-A.7 (b)	91	Notification and Recordkeeping
U- 00001/00001/002/00008	40CFR 60-A.7 (b)	136	Notification and Recordkeeping
U- 00001/00001/002/S0009	40CFR 60-A.7 (b)	188	Notification and Recordkeeping

New York State Department of Environmental Conservation
Permit Review Report



Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

00001/00001/002/S0009				Recordkeeping
U-00001/00001/001	40CFR 60-A.7(c)	40		Notification and Recordkeeping
U-00001/00001/002	40CFR 60-A.7(c)	122		Notification and Recordkeeping
U-00001/00001/001/00008	40CFR 60-A.7(d)	55		Notification and Recordkeeping
U-00001/00001/001/S0009	40CFR 60-A.7(d)	92		Notification and Recordkeeping
U-00001/00001/002/00008	40CFR 60-A.7(d)	137		Notification and Recordkeeping
U-00001/00001/002/S0009	40CFR 60-A.7(d)	189		Notification and Recordkeeping
U-00001/00001/001/00008	40CFR 60-A.7(f)	56		Notification and Recordkeeping
U-00001/00001/001/S0009	40CFR 60-A.7(f)	93		Notification and Recordkeeping
U-00001/00001/002/00008	40CFR 60-A.7(f)	138		Notification and Recordkeeping
U-00001/00001/002/S0009	40CFR 60-A.7(f)	190		Notification and Recordkeeping
U-00001/00001/001/00008	40CFR 60-A.8(a)	57		Performance Tests
U-00001/00001/001/S0009	40CFR 60-A.8(a)	94		Performance Tests
U-00001/00001/002/00008	40CFR 60-A.8(a)	139		Performance Tests
U-00001/00001/002/S0009	40CFR 60-A.8(a)	191		Performance Tests
U-00001/00001/001/00008	40CFR 60-A.8(b)	58		Performance Tests
U-00001/00001/001/S0009	40CFR 60-A.8(b)	95		Performance Tests
U-00001/00001/002/00008	40CFR 60-A.8(b)	140		Performance Tests
U-00001/00001/002/S0009	40CFR 60-A.8(b)	192		Performance Tests
U-00001/00001/001/00008	40CFR 60-A.8(c)	59		Performance Tests
U-00001/00001/001/S0009	40CFR 60-A.8(c)	96		Performance Tests
U-00001/00001/002/00008	40CFR 60-A.8(c)	141		Performance Tests
U-00001/00001/002/S0009	40CFR 60-A.8(c)	193		Performance Tests
U-00001/00001/001/00008	40CFR 60-A.8(d)	60		Performance Tests
U-00001/00001/001/S0009	40CFR 60-A.8(d)	97		Performance Tests
U-00001/00001/002/00008	40CFR 60-A.8(d)	142		Performance Tests
U-00001/00001/002/S0009	40CFR 60-A.8(d)	194		Performance Tests
U-00001/00001	40CFR 60-A.8(e)	39		Performance Tests
U-00001/00001/001/00008	40CFR 60-A.8(f)	61		Performance Tests
U-00001/00001/001/S0009	40CFR 60-A.8(f)	98		Performance Tests
U-00001/00001/002/00008	40CFR 60-A.8(f)	143		Performance Tests
U-00001/00001/002/S0009	40CFR 60-A.8(f)	195		Performance Tests
U-00001/00001/001/00008	40CFR 60-A.9	62		General provisions - Availability of



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

U-00001/00001/001/S0009	40CFR 60-A.9	99	information General provisions - Availability of information
U-00001/00001/002/00008	40CFR 60-A.9	144	General provisions - Availability of information
U-00001/00001/002/S0009	40CFR 60-A.9	196	General provisions - Availability of information
U-00001/00001/002/00008	40CFR 60-Db.42b (a)	149	Standard for Sulfur Dioxide Firing Coal and/or Oil.
U-00001/00001/002/S0009	40CFR 60-Db.42b (a)	201	Standard for Sulfur Dioxide Firing Coal and/or Oil.
U-00001/00001/002/00008	40CFR 60-Db.42b (c)	150	Standard for Sulfur Dioxide Firing Coal or Oil for Emerging Sulfur Dioxide Controls.
U-00001/00001/002/S0009	40CFR 60-Db.42b (c)	202	Standard for Sulfur Dioxide Firing Coal or Oil for Emerging Sulfur Dioxide Controls.
U-00001/00001/002/00008	40CFR 60-Db.42b (j)	151	Exemption from Standards for Sulfur Dioxide.
U-00001/00001/002/S0009	40CFR 60-Db.42b (j)	203	Exemption from Standards for Sulfur Dioxide.
U-00001/00001/002/00008	40CFR 60-Db.42b (j) (2)	152	Exemption from Standards for Sulfur Dioxide.
U-00001/00001/002/S0009	40CFR 60-Db.42b (j) (2)	204	Exemption from Standards for Sulfur Dioxide.
U-00001/00001/002/00008	40CFR 60-Db.43b (b)	153	Standard for Particulate Matter Firing Oil.
U-00001/00001/002/S0009	40CFR 60-Db.43b (b)	205	Standard for Particulate Matter Firing Oil.
U-00001/00001/002/00008	40CFR 60-Db.43b (f)	154	Standard for Particulate Matter Opacity.
U-00001/00001/002/S0009	40CFR 60-Db.43b (f)	206	Standard for Particulate Matter Opacity.
U-00001/00001/002/00008	40CFR 60-Db.43b (g)	155	Standard for Particulate Matter Exemption.
U-00001/00001/002/S0009	40CFR 60-Db.43b (g)	207	Standard for Particulate Matter Exemption.
U-00001/00001/001/00008	40CFR 60-Db.44b (a) (1)	67	Standard for Nitrogen Oxides Firing Natural Gas and Distillate Oil. (see narrative)
U-00001/00001/001/S0009	40CFR 60-Db.44b (a) (1)	104	Standard for Nitrogen Oxides Firing Natural Gas and Distillate Oil. (see narrative)



**New York State Department of Environmental Conservation
Permit Review Report**

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

U- 00001/00001/002/00008	40CFR 60-Db.44b (a) (1)	156	Standard for Nitrogen Oxides Firing Natural Gas and Distillate Oil. (see narrative)
U- 00001/00001/002/S0009	40CFR 60-Db.44b (a) (1)	208	Standard for Nitrogen Oxides Firing Natural Gas and Distillate Oil. (see narrative)
U- 00001/00001/002/00008	40CFR 60-Db.44b (a) (2)	157	Standard for Nitrogen Oxides Firing Residual Oil
U- 00001/00001/002/S0009	40CFR 60-Db.44b (a) (2)	209	Standard for Nitrogen Oxides Firing Residual Oil
U- 00001/00001/001/00008	40CFR 60-Db.44b (h)	68	Standards for Nitrogen Oxides Provisions.
U- 00001/00001/001/S0009	40CFR 60-Db.44b (h)	105	Standards for Nitrogen Oxides Provisions.
U- 00001/00001/002/00008	40CFR 60-Db.44b (h)	158	Standards for Nitrogen Oxides Provisions.
U- 00001/00001/002/S0009	40CFR 60-Db.44b (h)	210	Standards for Nitrogen Oxides Provisions.
U- 00001/00001/001/00008	40CFR 60-Db.44b (i)	69	Averaging Period.
U- 00001/00001/001/S0009	40CFR 60-Db.44b (i)	106	Averaging Period.
U- 00001/00001/002/00008	40CFR 60-Db.44b (i)	159	Averaging Period.
U- 00001/00001/002/S0009	40CFR 60-Db.44b (i)	211	Averaging Period.
U- 00001/00001/001/00008	40CFR 60-Db.44b (j)	70	Averaging Periods Based on Performance Testing. (see narrative)
U- 00001/00001/001/S0009	40CFR 60-Db.44b (j)	107	Averaging Periods Based on Performance Testing. (see narrative)
U- 00001/00001/002/00008	40CFR 60-Db.44b (j)	160	Averaging Periods Based on Performance Testing. (see narrative)
U- 00001/00001/002/S0009	40CFR 60-Db.44b (j)	212	Averaging Periods Based on Performance Testing. (see narrative)
U- 00001/00001/001/00008	40CFR 60-Db.44b (k)	71	Exemption from the Standards for Nitrogen Oxides. (see narrative)
U- 00001/00001/001/S0009	40CFR 60-Db.44b (k)	108	Exemption from the Standards for Nitrogen Oxides. (see narrative)
U- 00001/00001/002/00008	40CFR 60-Db.44b (k)	161	Exemption from the Standards for Nitrogen Oxides. (see narrative)
U- 00001/00001/002/S0009	40CFR 60-Db.44b (k)	213	Exemption from the Standards for



**New York State Department of Environmental Conservation
Permit Review Report**

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

U- 00001/00001/002/00008	40CFR 60-Db.45b(j)	162	Nitrogen Oxides. (see narrative) Compliance and Performance Test Methods and Procedures for Sulfur Dioxide.
U- 00001/00001/002/S0009	40CFR 60-Db.45b(j)	214	Compliance and Performance Test Methods and Procedures for Sulfur Dioxide.
U- 00001/00001/001/00008	40CFR 60-Db.46b	72	Compliance and Performance Test Methods and Procedures for Particulate Matter and and Nitrogen Oxides.
U- 00001/00001/001/S0009	40CFR 60-Db.46b	109	Compliance and Performance Test Methods and Procedures for Particulate Matter and and Nitrogen Oxides.
U- 00001/00001/002/00008	40CFR 60-Db.46b	163	Compliance and Performance Test Methods and Procedures for Particulate Matter and and Nitrogen Oxides.
U- 00001/00001/002/S0009	40CFR 60-Db.46b	215	Compliance and Performance Test Methods and Procedures for Particulate Matter and and Nitrogen Oxides.
U- 00001/00001/001/00008	40CFR 60-Db.46b(e)	73	Compliance and Performance Test Methods and Procedures for Particulate Matter and and Nitrogen Oxides.
U- 00001/00001/001/S0009	40CFR 60-Db.46b(e)	110	Compliance and Performance Test Methods and Procedures for Particulate Matter and and Nitrogen Oxides.
U- 00001/00001/002/00008	40CFR 60-Db.46b(e)	164	Compliance and Performance Test Methods and Procedures for Particulate Matter and and Nitrogen Oxides.
U- 00001/00001/002/S0009	40CFR 60-Db.46b(e)	216	Compliance and Performance Test Methods and

**New York State Department of Environmental Conservation
Permit Review Report**



Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

U-00001/00001/002/00008	40CFR 60-Db.47b(f)	165, 166	Procedures for Particulate Matter and and Nitrogen Oxides. Exemption from Emission Monitoring for Sulfur Dioxide. Exemption from Emission Monitoring for Sulfur Dioxide. Emissions Monitoring for Particulate Matter and Nitrogen Oxides. Emissions Monitoring for Particulate Matter and Nitrogen Oxides. Reporting and Recordkeeping Requirements. Reporting and Recordkeeping Requirements.
U-00001/00001/002/S0009	40CFR 60-Db.47b(f)	217, 218	
U-00001/00001/001/00008	40CFR 60-Db.48b(a)	74	
U-00001/00001/001/S0009	40CFR 60-Db.48b(a)	111	
U-00001/00001/002/00008	40CFR 60-Db.48b(a)	167	
U-00001/00001/002/S0009	40CFR 60-Db.48b(a)	219	
U-00001/00001/001/00008	40CFR 60-Db.48b(b)	75	
U-00001/00001/001/S0009	40CFR 60-Db.48b(b)	112	
U-00001/00001/002/00008	40CFR 60-Db.48b(b)	168	
U-00001/00001/002/S0009	40CFR 60-Db.48b(b)	220	
U-00001/00001/001/00008	40CFR 60-Db.48b(f)	76	
U-00001/00001/001/S0009	40CFR 60-Db.48b(f)	113	
U-00001/00001/002/00008	40CFR 60-Db.48b(f)	169	
U-00001/00001/002/S0009	40CFR 60-Db.48b(f)	221	
U-00001/00001/001/00008	40CFR 60-Db.49b(a)	77	
U-00001/00001/001/S0009	40CFR 60-Db.49b(a)	114	



**New York State Department of Environmental Conservation
Permit Review Report**

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

U- 00001/00001/002/00008	40CFR 60-Db.49b (a)	170	Reporting and Recordkeeping Requirements.
U- 00001/00001/002/S0009	40CFR 60-Db.49b (a)	222	Reporting and Recordkeeping Requirements.
U- 00001/00001/001/00008	40CFR 60-Db.49b (b)	78, 79	Reporting and Recordkeeping Requirements.
U- 00001/00001/001/S0009	40CFR 60-Db.49b (b)	115, 116	Reporting and Recordkeeping Requirements.
U- 00001/00001/002/00008	40CFR 60-Db.49b (b)	171, 172	Reporting and Recordkeeping Requirements.
U- 00001/00001/002/S0009	40CFR 60-Db.49b (b)	223, 224	Reporting and Recordkeeping Requirements.
U- 00001/00001/002/00008	40CFR 60-Db.49b (e)	173	Reporting and Recordkeeping Requirements.
U- 00001/00001/002/S0009	40CFR 60-Db.49b (e)	225	Reporting and Recordkeeping Requirements.
U- 00001/00001/002/00008	40CFR 60-Db.49b (f)	174	Reporting and Recordkeeping Requirements.
U- 00001/00001/002/S0009	40CFR 60-Db.49b (f)	226	Reporting and Recordkeeping Requirements.
U- 00001/00001/001/00008	40CFR 60-Db.49b (g)	80	Reporting and Recordkeeping Requirements.
U- 00001/00001/001/S0009	40CFR 60-Db.49b (g)	117	Reporting and Recordkeeping Requirements.
U- 00001/00001/002/00008	40CFR 60-Db.49b (g)	175	Reporting and Recordkeeping Requirements.
U- 00001/00001/002/S0009	40CFR 60-Db.49b (g)	227	Reporting and Recordkeeping Requirements.
U- 00001/00001/001/00008	40CFR 60-Db.49b (h)	81	Reporting and Recordkeeping Requirements.
U- 00001/00001/001/S0009	40CFR 60-Db.49b (h)	118	Reporting and Recordkeeping Requirements.
U- 00001/00001/002/00008	40CFR 60-Db.49b (h)	176	Reporting and Recordkeeping Requirements.
U- 00001/00001/002/S0009	40CFR 60-Db.49b (h)	228	Reporting and Recordkeeping Requirements.
U- 00001/00001/001/00008	40CFR 60-Db.49b (i)	82	Reporting and Recordkeeping Requirements.
U- 00001/00001/001/S0009	40CFR 60-Db.49b (i)	119	Reporting and Recordkeeping Requirements.
U- 00001/00001/002/00008	40CFR 60-Db.49b (i)	177	Reporting and Recordkeeping Requirements.
U- 00001/00001/002/S0009	40CFR 60-Db.49b (i)	229	Reporting and Recordkeeping Requirements.



**New York State Department of Environmental Conservation
Permit Review Report**

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

00001/00001/002/S0009			Recordkeeping Requirements.
U-00001/00001/002/00008	40CFR 60-Db.49b (j)	178	Reporting and Recordkeeping Requirements.
U-00001/00001/002/S0009	40CFR 60-Db.49b (j)	230	Reporting and Recordkeeping Requirements.
U-00001/00001/001/00008	40CFR 60-Db.49b (o)	83	Reporting and Recordkeeping Requirements.
U-00001/00001/001/S0009	40CFR 60-Db.49b (o)	120	Reporting and Recordkeeping Requirements.
U-00001/00001/002/00008	40CFR 60-Db.49b (o)	179	Reporting and Recordkeeping Requirements.
U-00001/00001/002/S0009	40CFR 60-Db.49b (o)	231	Reporting and Recordkeeping Requirements.
U-00001/00001/002/00008	40CFR 60-Db.49b (r)	180	Reporting and Recordkeeping Requirements.
U-00001/00001/002/S0009	40CFR 60-Db.49b (r)	232	Reporting and Recordkeeping Requirements.
FACILITY	40CFR 68	21	Chemical accident prevention provisions
FACILITY	40CFR 82-F	22	Protection of Stratospheric Ozone - recycling and emissions reduction
FACILITY	6NYCRR 200.6	1	Acceptable ambient air quality.
FACILITY	6NYCRR 200.7	10	Maintenance of equipment.
FACILITY	6NYCRR 201-1.4	1 -6	Unavoidable noncompliance and violations
FACILITY	6NYCRR 201-1.7	11	Recycling and Salvage
FACILITY	6NYCRR 201-1.8	12	Prohibition of reintroduction of collected contaminants to the air
FACILITY	6NYCRR 201-3.2 (a)	13	Exempt Activities - Proof of eligibility
FACILITY	6NYCRR 201-3.3 (a)	14	Trivial Activities - proof of eligibility
FACILITY	6NYCRR 201-6	23, 33, 34	Title V Permits and the Associated Permit Conditions
FACILITY	6NYCRR 201-6.5 (a) (4)	15	General conditions
FACILITY	6NYCRR 201-6.5 (a) (7)	2 -1	General conditions Fees
FACILITY	6NYCRR 201-6.5 (a) (8)	16	General conditions
FACILITY	6NYCRR 201-6.5 (c)	3	Permit conditions for Recordkeeping and Reporting of
FACILITY	6NYCRR 201-6.5 (c) (2)	4	Compliance Monitoring Permit conditions for Recordkeeping and Reporting of Compliance Monitoring



**New York State Department of Environmental Conservation
Permit Review Report**

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

FACILITY	6NYCRR 201-6.5(c)(3)(ii)	5		Permit conditions for Recordkeeping and Reporting of Compliance Monitoring	
FACILITY	6NYCRR 201-6.5(d)(5)	17		Compliance schedules	
FACILITY	6NYCRR 201-6.5(e)	6		Compliance Certification	
FACILITY	6NYCRR 201-6.5(f)(6)	18		Off Permit Changes	
FACILITY	6NYCRR 201-7	24, 35, 36, 2	-4, 2	Federally Enforceable Emissions Caps	
		-5, 2	-6, 2		
		-8, 2	-9		
FACILITY	6NYCRR 202-1.1	19, 2	-3	Required emissions tests.	
FACILITY	6NYCRR 202-2.1	7		Emission Statements - Applicability	
FACILITY	6NYCRR 202-2.5	8		Emission Statements - record keeping requirements.	
FACILITY	6NYCRR 211.1	2	-10	General Prohibitions - air pollution prohibited	
FACILITY	6NYCRR 211.2	1	-7, 2	-19	General Prohibitions - visible emissions limited.
FACILITY	6NYCRR 211.3	20		General Prohibitions - visible emissions limited	
FACILITY	6NYCRR 215	9		Open Fires	
FACILITY	6NYCRR 215.2	2	-2	Open Fires - Prohibitions	
FACILITY	6NYCRR 225.1(a)(3)	28		Sulfur in Fuel Limitations (SIP)	
FACILITY	6NYCRR 225-1.2(a)(2)	25, 26		Sulfur in Fuel Limitations Post 12/31/87.	
FACILITY	6NYCRR 225-1.8	27		Reports, sampling and analysis.	
U-00001/00001/002	6NYCRR 227.2(b)(1)	121		Particulate emissions.	
FACILITY	6NYCRR 227-1.3(a)	29		Smoke Emission Limitations.	
U-00001/00001	6NYCRR 227-2.1(a)(5)	37		Further filtering of applicability	
U-00001/00001/001/00004	6NYCRR 227-2.4(b)(1)(i)	2	-11	1994 NOx RACT presumptive limits.	
U-00001/00001/001/00005	6NYCRR 227-2.4(b)(1)(i)	2	-12	1994 NOx RACT presumptive limits.	
U-00001/00001/001/00008	6NYCRR 227-2.4(b)(1)(i)	2	-13	1994 NOx RACT presumptive limits.	
U-00001/00001/001/S0009	6NYCRR 227-2.4(b)(1)(i)	2	-14	1994 NOx RACT presumptive limits.	
U-00001/00001/002/00004	6NYCRR 227-2.4(b)(1)(i)	2	-15	1994 NOx RACT presumptive limits.	
U-00001/00001/002/00005	6NYCRR 227-2.4(b)(1)(i)	2	-16	1994 NOx RACT presumptive limits.	
U-00001/00001/002/00008	6NYCRR 227-2.4(b)(1)(i)	2	-17	1994 NOx RACT presumptive limits.	
U-00001/00001/002/S0009	6NYCRR 227-2.4(b)(1)(i)	2	-18	1994 NOx RACT presumptive limits.	
U-00001/00001/001/00004	6NYCRR 227-2.4(b)(1)(ii)	2	-20	2010 NOx RACT presumptive limits.	
U-00001/00001/001/00005	6NYCRR 227-2.4(b)(1)(ii)	2	-21	2010 NOx RACT presumptive limits.	
U-00001/00001/001/00005	6NYCRR 227-2.4(b)(1)(ii)	2	-22	2010 NOx RACT presumptive limits.	



**New York State Department of Environmental Conservation
Permit Review Report**

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

00001/00001/001/00008	2.4 (b) (1) (ii)			presumptive limits.
U-	6NYCRR 227-	2	-23	2010 NOx RACT
00001/00001/001/S0009	2.4 (b) (1) (ii)			presumptive limits.
U-	6NYCRR 227-	2	-24	2010 NOx RACT
00001/00001/003/00004	2.4 (b) (1) (ii)			presumptive limits.
U-	6NYCRR 227-	2	-25	2010 NOx RACT
00001/00001/003/00005	2.4 (b) (1) (ii)			presumptive limits.
U-	6NYCRR 227-	2	-26	2010 NOx RACT
00001/00001/003/00008	2.4 (b) (1) (ii)			presumptive limits.
U-	6NYCRR 227-	2	-27	2010 NOx RACT
00001/00001/003/S0009	2.4 (b) (1) (ii)			presumptive limits.
FACILITY	6NYCRR 227-2.5 (a)	30		Fuel Switching
U-	6NYCRR 227-2.6 (a) (3)	42		Testing, monitoring,
00001/00001/001/00004				reporting
				requirements for
				large boilers.
U-	6NYCRR 227-2.6 (a) (3)	45		Testing, monitoring,
00001/00001/001/00005				reporting
				requirements for
				large boilers.
U-	6NYCRR 227-2.6 (a) (3)	49		Testing, monitoring,
00001/00001/001/00008				reporting
				requirements for
				large boilers.
U-	6NYCRR 227-2.6 (a) (3)	86		Testing, monitoring,
00001/00001/001/S0009				reporting
				requirements for
				large boilers.
U-	6NYCRR 227-2.6 (a) (3)	124		Testing, monitoring,
00001/00001/002/00004				reporting
				requirements for
				large boilers.
U-	6NYCRR 227-2.6 (a) (3)	127		Testing, monitoring,
00001/00001/002/00005				reporting
				requirements for
				large boilers.
U-	6NYCRR 227-2.6 (a) (3)	131		Testing, monitoring,
00001/00001/002/00008				reporting
				requirements for
				large boilers.
U-	6NYCRR 227-2.6 (a) (3)	183		Testing, monitoring,
00001/00001/002/S0009				reporting
				requirements for
				large boilers.
U-00001/00001	6NYCRR 227-2.6 (b)	38		CEMS requirements
U-	6NYCRR 227-2.6 (c)	43		Stack Test
00001/00001/001/00004				Requirements.
U-	6NYCRR 227-2.6 (c)	46		Stack Test
00001/00001/001/00005				Requirements.
U-	6NYCRR 227-2.6 (c)	50		Stack Test
00001/00001/001/00008				Requirements.
U-	6NYCRR 227-2.6 (c)	87		Stack Test
00001/00001/001/S0009				Requirements.
U-	6NYCRR 227-2.6 (c)	125		Stack Test
00001/00001/002/00004				Requirements.
U-	6NYCRR 227-2.6 (c)	128		Stack Test
00001/00001/002/00005				Requirements.
U-	6NYCRR 227-2.6 (c)	132		Stack Test
00001/00001/002/00008				Requirements.
U-	6NYCRR 227-2.6 (c)	184		Stack Test
00001/00001/002/S0009				Requirements.
FACILITY	6NYCRR 231-2	2	-6, 2 -7, 2 -9	New Source Review in
				Nonattainment Areas
				and Ozone Transport

New York State Department of Environmental Conservation
Permit Review Report



Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

Region

Applicability Discussion:

Mandatory Requirements: The following facility-wide regulations are included in all Title V permits:

ECL 19-0301

This section of the Environmental Conservation Law establishes the powers and duties assigned to the Department with regard to administering the air pollution control program for New York State.

6 NYCRR 200.6

Acceptable ambient air quality - prohibits contravention of ambient air quality standards without mitigating measures

6 NYCRR 200.7

Anyone owning or operating an air contamination source which is equipped with an emission control device must operate the control consistent with ordinary and necessary practices, standards and procedures, as per manufacturer's specifications and keep it in a satisfactory state of maintenance and repair so that it operates effectively

6 NYCRR 201-1.4

This regulation specifies the actions and recordkeeping and reporting requirements for any violation of an applicable state enforceable emission standard that results from a necessary scheduled equipment maintenance, start-up, shutdown, malfunction or upset in the event that these are unavoidable.

6 NYCRR 201-1.7

Requires the recycle and salvage of collected air contaminants where practical

6 NYCRR 201-1.8

Prohibits the reintroduction of collected air contaminants to the outside air

6 NYCRR 201-3.2 (a)

An owner and/or operator of an exempt emission source or unit may be required to certify that it operates within the specific criteria described in this Subpart. All required records must be maintained on-site for a period of 5 years and made available to department representatives upon request. In addition, department representatives must be granted access to any facility which contains exempt emission sources or units, 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.

6 NYCRR 201-3.3 (a)

The owner and/or operator of a trivial emission source or unit may be required to certify that it operates within the specific criteria described in this Subpart. All required records must be maintained on-site for a period of 5 years and made available to department representatives upon request. In addition, department representatives must be granted access to any facility which contains trivial emission sources or units subject to 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.

6 NYCRR Subpart 201-6

This regulation applies to those terms and conditions which are subject to Title V permitting. It establishes the applicability criteria for Title V permits, the information to be included in all Title V permit applications as well as the permit content and terms of permit issuance. This rule also specifies the compliance, monitoring, recordkeeping, reporting, fee, and procedural requirements that need to be met to



**New York State Department of Environmental Conservation
Permit Review Report**

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

obtain a Title V permit, modify the permit and demonstrate conformity with applicable requirements as listed in the Title V permit. For permitting purposes, this rule specifies the need to identify and describe all emission units, processes and products in the permit application as well as providing the Department the authority to include this and any other information that it deems necessary to determine the compliance status of the facility.

6 NYCRR 201-6.5 (a) (4)

This mandatory requirement applies to all Title V facilities. It requires the permittee to provide information that the Department may request in writing, within a reasonable time, in order to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. The request may include copies of records required to be kept by the permit.

6 NYCRR 201-6.5 (a) (7)

This is a mandatory condition that requires the owner or operator of a facility subject to Title V requirements to pay all applicable fees associated with the emissions from their facility.

6 NYCRR 201-6.5 (a) (8)

This is a mandatory condition for all facilities subject to Title V requirements. It allows the Department to inspect the facility to determine compliance with this permit, including copying records, sampling and monitoring, as necessary.

6 NYCRR 201-6.5 (c)

This requirement specifies, in general terms, what information must be contained in any required compliance monitoring records and reports. This includes the date, time and place of any sampling, measurements and analyses; who performed the analyses; analytical techniques and methods used as well as any required QA/QC procedures; results of the analyses; the operating conditions at the time of sampling or measurement and the identification of any permit deviations. All such reports must also be certified by the designated responsible official of the facility.

6 NYCRR 201-6.5 (c) (2)

This requirement specifies that all compliance monitoring and recordkeeping is to be conducted according to the terms and conditions of the permit and follow all QA requirements found in applicable regulations. It also requires monitoring records and supporting information to be retained for at least 5 years from the time of sampling, measurement, report or application. Support information is defined as including all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.

6 NYCRR 201-6.5 (c) (3) (ii)

This regulation specifies any reporting requirements incorporated into the permit must include provisions regarding the notification and reporting of permit deviations and incidences of noncompliance stating the probable cause of such deviations, and any corrective actions or preventive measures taken.

6 NYCRR 201-6.5 (d) (5)

This condition applies to every Title V facility subject to a compliance schedule. It requires that reports, detailing the status of progress on achieving compliance with emission standards, be submitted semiannually.

6 NYCRR 201-6.5 (e)

Sets forth the general requirements for compliance certification content; specifies an annual submittal frequency; and identifies the EPA and appropriate regional office address where the reports are to be sent.



**New York State Department of Environmental Conservation
Permit Review Report**

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

6 NYCRR 201-6.5 (f) (6)

This condition allows changes to be made at the facility, without modifying the permit, provided the changes do not cause an emission limit contained in this permit to be exceeded. The owner or operator of the facility must notify the Department of the change. It is applicable to all Title V permits which may be subject to an off permit change.

6 NYCRR 202-1.1

This regulation allows the department the discretion to require an emission test for the purpose of determining compliance. Furthermore, the cost of the test, including the preparation of the report are to be borne by the owner/operator of the source.

6 NYCRR 202-2.1

Requires that emission statements shall be submitted on or before April 15th each year for emissions of the previous calendar year.

6 NYCRR 202-2.5

This rule specifies that each facility required to submit an emission statement must retain a copy of the statement and supporting documentation for at least 5 years and must make the information available to department representatives.

6 NYCRR 211.2

This regulation limits opacity from sources to less than or equal to 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.

6 NYCRR Part 215

Except as allowed by section 215.3 of 6 NYCRR Part 215, no person shall burn, cause, suffer, allow or permit the burning of any materials in an open fire.

6 NYCRR 215.2

Except as allowed by section 215.3 of 6 NYCRR Part 215, no person shall burn, cause, suffer, allow or permit the burning of any materials in an open fire.

40 CFR Part 68

This Part lists the regulated substances and their applicability thresholds and sets the requirements for stationary sources concerning the prevention of accidental releases of these substances.

40 CFR Part 82, Subpart F

Subpart F requires the reduction of emissions of class I and class II refrigerants to the lowest achievable level during the service, maintenance, repair, and disposal of appliances in accordance with section 608 of the Clean Air Act Amendments of 1990. This subpart applies to any person servicing, maintaining, or repairing appliances except for motor vehicle air conditioners. It also applies to persons disposing of appliances, including motor vehicle air conditioners, refrigerant reclaimers, appliance owners, and manufacturers of appliances and recycling and recovery equipment. Those individuals, operations, or activities affected by this rule, may be required to comply with specified disposal, recycling, or recovery practices, leak repair practices, recordkeeping and/or technician certification requirements.

Facility Specific Requirements

In addition to Title V, NEW YORK PRESBYTERIAN HOSPITAL has been determined to be subject to the following regulations:



**New York State Department of Environmental Conservation
Permit Review Report**

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

40 CFR 52.21

This citation applies to facilities that are subject to Prevention of Significant Deterioration provisions;

ie: facilities that are located in an attainment area and that emit pollutants which are listed in 40 CFR 52.21(b)(23)(i) .

40 CFR 52.21 (j)

BACT determinations are made on a case-by-case basis and can be no less stringent than any requirement that exists in the current State Implementation Plan (SIP) or 40 CFR 60 and 61. Emission and operational limitations required from a BACT determination will have to be entered into the special permit conditions, separately by the permit reviewer.

40 CFR 60.11

This regulation specifies the type of opacity monitoring requirements in relation to compliance with the standards and maintenance requirements.

40 CFR 60.12

This regulation prohibits an owner or operator from concealing emissions in violation of applicable standards by any means.

40 CFR 60.13

This regulation specifies how monitoring shall be performed and which methods and appendices are used to determine if the monitoring is adequate and in compliance with the regulated standards.

40 CFR 60.13 (c)

This regulation specifies how monitoring shall be performed and which methods and appendices are used to determine if the monitoring is adequate and in compliance with the regulated standards.

40 CFR 60.14

This regulation defines the term modification and what is and is not considered to be a modification, for the purpose of rule applicability.

40 CFR 60.15

This regulation defines the term reconstruction and what is and is not considered to be a reconstruction project, for the purpose of rule applicability.

40 CFR 60.4

This condition lists the USEPA Region 2 address for the submittal of all communications to the "Administrator". In addition, all such communications must be copied to NYSDEC Bureau of Quality Assurance (BQA).

40 CFR 60.42b (a)

This regulation calls for a 90% reduction in the emissions of sulfur dioxide from facilities that burn coal or oil.

40 CFR 60.42b (c)

This regulation is an NSPS optional for Sulfur Dioxide standard. This regulation sets the standard for Sulfur Dioxide firing coal or oil for emerging Sulfur Dioxide controls. Affected facilities shall achieve a 50 % reduction in sulfur dioxide emissions, and meet the following standard;



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

$E_s = (K_c H_c + K_d H_d)(H_c - H_d)_:$

Where:

E_s = Sulfur Dioxide Standard,
 K_c = 0.6lb/mmBtu
 K_d = 0.4lb/mmBtu,
 H_c = Heat input from coal,
 H_d = heat input from oil.

40 CFR 60.42b (j)

This subdivision contains an exemption from the percent reduction requirements if the affected facility fires very low sulfur content oil.

40 CFR 60.42b (j) (2)

This regulation is for exemption from standards for sulfur dioxide. This regulation specifies that the owner/operator maintains file of fuel receipts in accordance with 40 CFR 49b(r).

40 CFR 60.43b (b)

This regulation is for the Particulate matter standard. The regulation specifies maximum allowable Particulate matter emissions oil or oil and other fuels of 0.10 lb/mmBtu for affected sources.

40 CFR 60.43b (f)

This regulation specifies maximum allowable opacity for affected affected sources. The opacity of the emission may not exceed 20%, except for one six minute period when the maximum opacity may not exceed 27%.

40 CFR 60.43b (g)

This regulation specifies that the particulate matter and opacity standards apply at all times, except during periods of startup, shutdown or malfunction.

40 CFR 60.44b (a) (1)

These standards apply to all boilers firing natural gas and/or distillate oil except as provided in 40 CFR 60.44b(a)(4) Duct Burners Used in a Combined Cycle System.

40 CFR 60.44b (a) (2)

This regulation specifies that the NSPS standard for nitrogen oxides emissions while firing residual oil in low heat release rate units shall not exceed 0.30 lbs/mmBtu.

40 CFR 60.44b (h)

This regulation specifies that the NSPS nitrogen oxide standards apply at all time including periods of startup, shutdown, or malfunction.

40 CFR 60.44b (i)

This subdivision requires that the facility use a 30 day rolling average to determine compliance with any applicable standards in this Subpart.

40 CFR 60.44b (j)

1) Combust, alone or in combination, only natural gas, distillate oil, or residual oil with a nitrogen content less than 0.30% by weight,



**New York State Department of Environmental Conservation
Permit Review Report**

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

2) Have a combined annual capacity factor of 10% or less of natural gas, distillate oil, and residual oil with a nitrogen content of 0.30% by weight, and

3) Are subject to federally enforceable conditions limiting the above mentioned conditions.

40 CFR 60.44b (k)

1) Combust, alone or in combination, only natural gas, distillate oil, or residual oil with a nitrogen content less than 0.30% by weight,

2) Have a combined annual capacity factor of 10% or less of natural gas, distillate oil, and residual oil with a nitrogen content of 0.30% by weight, and

3) Are subject to federally enforceable conditions limiting the above mentioned conditions.

40 CFR 60.45b (j)

This regulation specifies that owner or operators that combust very low sulfur oil are not subject to compliance and performance testing requirements for Sulfur Dioxide if they obtain fuel receipts as described in 40 CFR 60.49b(r)

40 CFR 60.46b

This section sets the compliance and performance test methods and procedures for emissions of particulate matter and oxides of nitrogen.

40 CFR 60.46b (e)

This regulation specifies compliance and performance test methods and procedures for particulate matter and nitrogen oxides.

40 CFR 60.47b (f)

Facilities combusting very low sulfur oil are not subject to emission monitoring requirements of the section if they obtain fuel receipts as described in 40 CFR 60-Db.49b(r).

40 CFR 60.48b (a)

This subdivision requires the installation of a continuous opacity monitor.

40 CFR 60.48b (b)

This regulation requires the owner or operator of the facility to install and operate a continuous emissions monitor to monitor emissions of oxides of nitrogen from the facility.

40 CFR 60.48b (f)

This regulation requires that standby methods of obtaining minimum emissions data for oxides of nitrogen be specified by the source owner or operator.

40 CFR 60.49b (a)

This subdivision requires reporting and recordkeeping for affected steam generating units - initial notification.

40 CFR 60.49b (b)

This subdivision requires reporting and recordkeeping for affected steam generating units - initial performance and CEM testing.



**New York State Department of Environmental Conservation
Permit Review Report**

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

40 CFR 60.49b (e)

This regulation is for reporting and recordkeeping requirements. This regulation specifies that the owner or operator shall maintain records of the nitrogen content of the residual oil combusted in the affected facility and calculate the average fuel nitrogen content on a per calendar quarter basis.

40 CFR 60.49b (f)

This subdivision specifies that monitored opacity records must be kept at the facility.

40 CFR 60.49b (g)

This subdivision requires reporting and recordkeeping for affected steam generating units - specific oxides of nitrogen requirements.

40 CFR 60.49b (h)

This subdivision specifies that the facility must submit excess emission reports.

40 CFR 60.49b (i)

This subdivision specifies that the facility submit reports on oxides of nitrogen emissions in accordance with the required recordkeeping provisions of 40 CFR 60.49b(g).

40 CFR 60.49b (j)

This subdivision specifies that the facility submit reports on sulfur dioxide emission records.

40 CFR 60.49b (o)

This regulation is for reporting and recordkeeping requirements. This regulation specifies that the owner or operator of the affected facility shall maintain all records required under this section for a period of 2 years following the date of such report.

40 CFR 60.49b (r)

This regulation specifies that owner or operators that combust very low sulfur oil are required to obtain fuel receipts. The oil need not meet the fuel nitrogen content specification in the definition of distillate oil. Reports shall be submitted to the Administrator certifying that only very low sulfur oil meeting this definition was combusted

40 CFR 60.7 (a)

This regulation requires any owner or operator subject to a New Source Performance Standard (NSPS) to furnish the Administrator with notification of the dates of: construction or reconstruction, initial startup, any physical or operational changes, commencement of performance testing for continuous monitors and anticipated date for opacity observations as required.

40 CFR 60.7 (b)

This regulation requires the owner or operator to maintain records of the occurrence and duration of any startup, shutdown, or malfunction of the source or control equipment or continuous monitoring system.

40 CFR 60.7 (c)

This requirement details the information to be submitted in excess emissions and monitoring systems performance reports which must be submitted at least semi-annually for sources with compliance monitoring systems.

40 CFR 60.7 (d)

This condition specifies the required information and format for a summary report form and details



**New York State Department of Environmental Conservation
Permit Review Report**

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

when either a summary form and/or excess emissions reports are required.

40 CFR 60.7 (f)

This condition specifies requirements for maintenance of files of all measurements, including continuous monitoring system (CMS), monitoring device, and performance testing measurements; all CMS performance evaluations; all CMS or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices for at least two years.

40 CFR 60.8 (a)

This regulation contains the requirements for the completion date and reporting of Performance Testing (stack testing), at the facility. Within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup, the owner or operator of the facility must conduct performance test(s) and furnish a written report of the test results.

40 CFR 60.8 (b)

This regulation contains the requirements for Performance test methods and procedures, to be used by the owner or operator, of the affected facility.

40 CFR 60.8 (c)

This condition contains the requirements for operating conditions, of the emission source, during performance testing.

40 CFR 60.8 (d)

This regulation contains the requirements for advance notification of Performance (stack) testing.

40 CFR 60.8 (e)

This regulation requires the facility to provide appropriate sampling ports, safe platforms and utilities as necessary for Performance (stack) testing.

40 CFR 60.8 (f)

This regulation requires that Performance (stack) tests consist of three runs unless otherwise specified. The rule also designates the allowable averaging methods for the analysis of the results.

40 CFR 60.9

This rule citation allows the public access to any information submitted to the EPA Administrator (or state contact), in conjunction with a project subject to this section of the regulation.

40 CFR Part 60, Subpart A

This regulation contains the General Provisions of 40 CFR 60. The facility owner is responsible for reviewing these general provisions in detail and complying with all applicable technical, administrative and reporting requirements

6 NYCRR 211.1

This regulation requires that 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.

6 NYCRR 225.1 (a) (3)

This regulation limits the amount of sulfur that can be in fuel burned at a stationary source. It references



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

Table 1 of the 1979 version of the sulfur in fuel limitations expressed in terms of percent by weight for fuel oil and pounds per million Btu gross heat content for solid fuel. **NOTE: This citation has been replaced by requirements cited under 225-1.2(a)(2) and is no longer part of current State regulations, however, it remains part of New York State's approved State Implementation Plan (SIP).**

6 NYCRR 225-1.2 (a) (2)

This regulation prohibits any person from selling, offering for sale, purchasing or using any fuel which contains sulfur in a quantity exceeding the limitations set forth in Table 1, Table 2, or Table 3 of this section.

6 NYCRR 225-1.8

This regulation requires an owner or operator of a facility which purchases and fires coal and/or oil to submit reports to the commissioner containing fuel analysis data, information on the quantity of the fuel received, burned, and results of any stack sampling, stack monitoring and any other procedures to ensure compliance with the provisions of 6 NYCRR Part 225-1.

6 NYCRR 227.2 (b) (1)

This regulation is from the 1972 version of Part 227 and still remains as part of New York's SIP. The rule establishes a particulate limit of 0.10 lbs/mmBtu based on a 2 hour average emission for any oil fired stationary combustion installation.

6 NYCRR 227-1.3 (a)

This regulation prohibits any person from operating a stationary combustion installation which emits smoke equal to or greater than 20% opacity except for one six-minute period per hour of not more than 27% opacity.

6 NYCRR 227-2.1 (a) (5)

This condition notes that a facility is subject to the reasonably available control technology (RACT) for oxides of nitrogen (NOx).

6 NYCRR 227-2.4 (b) (1) (i)

Existing NOx RACT presumptive limits that expire on 6/30/14.

6 NYCRR 227-2.4 (b) (1) (ii)

Future NOx RACT presumptive limits effective 7/1/14.

6 NYCRR 227-2.5 (a)

This regulation is for fuel switching. This regulation recommends the owner or operator to comply with the conditions developed to implement the fuel switching option.

The emission limits associated with fuel switching is a special condition. The fuel switching plan should be included in the approved compliance plan and should be referenced here. The fuel switching must result in quantifiable annual NOx emissions equal to or less than the NOx emissions expected if the combustion installation complied with the emission limits in 227-2.4. The cleaner fuel must be utilized during the ozone season.



**New York State Department of Environmental Conservation
Permit Review Report**

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

6 NYCRR 227-2.6 (a) (3)

This regulation requires the owner/operator of large boilers to measure NOx emissions by performing stack tests described in 6 NYCRR Part 227-2.6(c). However, the permit requires installation of continuous emissions monitoring system (CEMS) as described in 6 NYCRR Part 227-2.6(b) for compliance monitoring.

6 NYCRR 227-2.6 (b)

Any owner or operator of a combustion source subject to reasonably available control technology (RACT) requirements, under this subdivision, for NOx and either is required or opts to employ a continuous emissions monitoring system (CEMS) must:

- 1) Submit a CEMS monitoring plan for approval by the Department,
- 2) Submit a CEMS certification protocol,
- 3) Meet CEMS monitoring requirements as detailed in this paragraph of this subdivision, and
- 4) Meet CEMS recordkeeping and reporting requirements as detailed in this paragraph of this subdivision.

6 NYCRR 227-2.6 (c)

This regulation is a SIP regulation. This citation is for stack test requirements. The owner or operator of the facility is required to test for NOx emission and follow monitoring and reporting requirements. The stack testing for NOx emission requires the facility to:

- (1) Submit a compliance test protocol to the department for approval at least 30 days prior to emission testing. The condition of the testing and the locations of the sampling devices must be acceptable to the department; and
- (2) Utilize procedures set forth in 40 CFR Part 60, Appendix A or any other method acceptable to the department and EPA for determining compliance with the appropriate NOx limit in section 227-2.4 of this Subpart, and shall follow the procedures set forth in Part 202 of this Title.
 - (i) For large and mid-size boilers, utilize Method 7, 7E, or 19 from 40 CFR Part 60, Appendix A or another reference method approved by the department.
 - (ii) For simple cycle combustion turbines, utilize Method 20 from 40 CFR Part 60, Appendix A or another reference method approved by the department.
 - (iii) For combined cycle combustion turbines, utilize Method 7, 7E, or 19 from 40 CFR Part 60, Appendix A or another reference method approved by the department.
 - (iv) For internal combustion engines, utilize Method 7, 7E or 19 from 40 CFR Part 60, Appendix A or another reference method approved by the department.

6 NYCRR Subpart 201-7

This regulation sets forth an emission cap that cannot be exceeded by the facility. In this permit that cap is 56.8 tpy of NOx for Emission Source 00008, 69.0 tpy of NOx for Emission source 00009, 44.3 of SO2 for Emission source 00008 and 56.6 tpy of SO2 for Emission Source S0009. Also, the facility-wide NOx emission cap is 173.37 tpy, and the facility-wide SO2 emission cap is 140.66 tpy.

6 NYCRR Subpart 231-2

New York State Department of Environmental Conservation
Permit Review Report



Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

The provisions of Subpart 231-2 apply to new or modified major facilities. The contaminants of concern state-wide are nitrogen oxides and volatile organic compounds since New York State is located in the ozone transport region and because there are ozone non-attainment areas within the state. In addition, particulate matter less than 10 microns in size (PM-10) is a non-attainment contaminant in Manhattan County.

Compliance Certification

Summary of monitoring activities at NEW YORK PRESBYTERIAN HOSPITAL:

Location Facility/EU/EP/Process/ES	Cond No.	Type of Monitoring

FACILITY	31	record keeping/maintenance procedures
U-00001/00001/001	40	record keeping/maintenance procedures
U-00001/00001/002	122	record keeping/maintenance procedures
U-00001/00001/002/00008	152	work practice involving specific operations
U-00001/00001/002/S0009	204	work practice involving specific operations
U-00001/00001/002/00008	153	intermittent emission testing
U-00001/00001/002/S0009	205	intermittent emission testing
U-00001/00001/002/00008	154	monitoring of process or control device parameters as surrogate
U-00001/00001/002/S0009	206	monitoring of process or control device parameters as surrogate
U-00001/00001/001/00008	67	continuous emission monitoring (cem)
U-00001/00001/001/S0009	104	continuous emission monitoring (cem)
U-00001/00001/002/00008	156	continuous emission monitoring (cem)
U-00001/00001/002/S0009	208	continuous emission monitoring (cem)
U-00001/00001/001/00008	70	record keeping/maintenance procedures
U-00001/00001/001/S0009	107	record keeping/maintenance procedures
U-00001/00001/002/00008	160	record keeping/maintenance procedures
U-00001/00001/002/S0009	212	record keeping/maintenance procedures
U-00001/00001/001/00008	71	record keeping/maintenance procedures
U-00001/00001/001/S0009	108	record keeping/maintenance procedures
U-00001/00001/002/00008	161	record keeping/maintenance procedures
U-00001/00001/002/S0009	213	record keeping/maintenance procedures
U-00001/00001/002/00008	162	record keeping/maintenance procedures
U-00001/00001/002/S0009	214	record keeping/maintenance procedures
U-00001/00001/001/00008	73	continuous emission monitoring (cem)
U-00001/00001/001/S0009	110	continuous emission monitoring (cem)
U-00001/00001/002/00008	164	continuous emission monitoring (cem)
U-00001/00001/002/S0009	216	continuous emission monitoring (cem)
U-00001/00001/002/00008	166	work practice involving specific operations
U-00001/00001/002/S0009	218	work practice involving specific operations
U-00001/00001/001/00008	74	monitoring of process or control device parameters as surrogate
U-00001/00001/001/S0009	111	monitoring of process or control device parameters as surrogate
U-00001/00001/002/00008	167	monitoring of process or control device parameters as surrogate
U-00001/00001/002/S0009	219	monitoring of process or control device parameters as surrogate
U-00001/00001/001/00008	75	continuous emission monitoring (cem)
U-00001/00001/001/S0009	112	continuous emission monitoring (cem)
U-00001/00001/002/00008	168	continuous emission monitoring (cem)
U-00001/00001/002/S0009	220	continuous emission monitoring (cem)
U-00001/00001/001/00008	77	record keeping/maintenance procedures



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

U-00001/00001/001/S0009	114	record keeping/maintenance procedures
U-00001/00001/002/00008	170	record keeping/maintenance procedures
U-00001/00001/002/S0009	222	record keeping/maintenance procedures
U-00001/00001/001/00008	78	record keeping/maintenance procedures
U-00001/00001/001/00008	79	record keeping/maintenance procedures
U-00001/00001/001/S0009	115	record keeping/maintenance procedures
U-00001/00001/001/S0009	116	record keeping/maintenance procedures
U-00001/00001/002/00008	171	record keeping/maintenance procedures
U-00001/00001/002/00008	172	record keeping/maintenance procedures
U-00001/00001/002/S0009	223	record keeping/maintenance procedures
U-00001/00001/002/S0009	224	record keeping/maintenance procedures
U-00001/00001/002/00008	173	work practice involving specific operations
U-00001/00001/002/S0009	225	work practice involving specific operations
U-00001/00001/002/00008	174	record keeping/maintenance procedures
U-00001/00001/002/S0009	226	record keeping/maintenance procedures
U-00001/00001/001/00008	80	record keeping/maintenance procedures
U-00001/00001/001/S0009	117	record keeping/maintenance procedures
U-00001/00001/002/00008	175	record keeping/maintenance procedures
U-00001/00001/002/S0009	227	record keeping/maintenance procedures
U-00001/00001/001/00008	81	record keeping/maintenance procedures
U-00001/00001/001/S0009	118	record keeping/maintenance procedures
U-00001/00001/002/00008	176	record keeping/maintenance procedures
U-00001/00001/002/S0009	228	record keeping/maintenance procedures
U-00001/00001/001/00008	82	record keeping/maintenance procedures
U-00001/00001/001/S0009	119	record keeping/maintenance procedures
U-00001/00001/002/00008	177	record keeping/maintenance procedures
U-00001/00001/002/S0009	229	record keeping/maintenance procedures
U-00001/00001/002/00008	178	record keeping/maintenance procedures
U-00001/00001/002/S0009	230	record keeping/maintenance procedures
U-00001/00001/002/00008	180	record keeping/maintenance procedures
U-00001/00001/002/S0009	232	record keeping/maintenance procedures
FACILITY	5	record keeping/maintenance procedures
FACILITY	6	record keeping/maintenance procedures
FACILITY	2-4	work practice involving specific operations
FACILITY	2-5	work practice involving specific operations
FACILITY	2-6	work practice involving specific operations
FACILITY	2-7	work practice involving specific operations
FACILITY	2-8	work practice involving specific operations
FACILITY	2-9	work practice involving specific operations
FACILITY	7	record keeping/maintenance procedures
FACILITY	28	work practice involving specific operations
FACILITY	25	work practice involving specific operations
FACILITY	26	work practice involving specific operations
FACILITY	27	record keeping/maintenance procedures
U-00001/00001/002	121	intermittent emission testing
FACILITY	29	monitoring of process or control device parameters as surrogate
U-00001/00001	37	record keeping/maintenance procedures
U-00001/00001/001/00004	2-11	intermittent emission testing
U-00001/00001/001/00005	2-12	intermittent emission testing
U-00001/00001/001/00008	2-13	intermittent emission testing
U-00001/00001/001/S0009	2-14	intermittent emission testing
U-00001/00001/002/00004	2-15	intermittent emission testing
U-00001/00001/002/00005	2-16	intermittent emission testing
U-00001/00001/002/00008	2-17	intermittent emission testing
U-00001/00001/002/S0009	2-18	intermittent emission testing
U-00001/00001/001/00004	2-20	intermittent emission testing
U-00001/00001/001/00005	2-21	intermittent emission testing
U-00001/00001/001/00008	2-22	intermittent emission testing
U-00001/00001/001/S0009	2-23	intermittent emission testing
U-00001/00001/003/00004	2-24	intermittent emission testing
U-00001/00001/003/00005	2-25	intermittent emission testing
U-00001/00001/003/00008	2-26	intermittent emission testing
U-00001/00001/003/S0009	2-27	intermittent emission testing

New York State Department of Environmental Conservation
Permit Review Report



Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

FACILITY	30	record keeping/maintenance procedures
U-00001/00001/001/00004	42	intermittent emission testing
U-00001/00001/001/00005	45	intermittent emission testing
U-00001/00001/001/00008	49	continuous emission monitoring (cem)
U-00001/00001/001/S0009	86	continuous emission monitoring (cem)
U-00001/00001/002/00004	124	intermittent emission testing
U-00001/00001/002/00005	127	intermittent emission testing
U-00001/00001/002/00008	131	continuous emission monitoring (cem)
U-00001/00001/002/S0009	183	continuous emission monitoring (cem)
U-00001/00001	38	record keeping/maintenance procedures
U-00001/00001/001/00004	43	intermittent emission testing
U-00001/00001/001/00005	46	intermittent emission testing
U-00001/00001/001/00008	50	intermittent emission testing
U-00001/00001/001/S0009	87	intermittent emission testing
U-00001/00001/002/00004	125	intermittent emission testing
U-00001/00001/002/00005	128	intermittent emission testing
U-00001/00001/002/00008	132	intermittent emission testing
U-00001/00001/002/S0009	184	intermittent emission testing

Basis for Monitoring

New York Presbyterian Hospital (NYPH) located at 622 West 168th Street, New York, NY (Uptown Campus) is subject to the requirements of Title V. The facility is required, under the provisions of 6 NYCRR Subpart 201-6, to submit semiannual compliance reports and an annual Compliance Certification. This facility has to comply with the following monitoring conditions:

Condition # 5 for 6 NYCRR 201-6.5(c)(3)(ii): This is a facility-wide condition. This condition is for Record Keeping/Maintenance Procedures. This condition specifies any reporting requirements incorporated into the permit must include provisions regarding the notification and reporting of permit deviations and incidences of noncompliance stating the probable cause of such deviations, and any corrective actions or preventive measures taken.

Condition # 6 for 6 NYCRR 201-6.5(e): Condition # 6 for 6 NYCRR 201-6.5(e): This is a facility-wide condition. This condition is for Record Keeping/Maintenance Procedures. This condition specifies the overall permit requirements for compliance certification, including emission limitations, standards or work practices.

Condition # 7 for 6 NYCRR 202-2.1: This is a facility-wide condition. This condition is for Record Keeping/Maintenance Procedures. This condition sets forth the applicability criteria for submitting an annual statement of emissions. The criteria is based on annual emission threshold quantities and ozone attainment designation. This condition applies to all Title V facilities and these facilities must submit an annual emission statement by April 15th of each year.

Condition # 2-4 for 6 NYCRR 201-7, Capping Out of 40 CFR 52-A.21: This condition is an emission unit level, emission point level, process level and emission source



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

condition that is grouped and applies to applies to Emission Unit U-00001, Emission Point 00001, Processes 001 & 002 and Emission Source 00008. This condition is for Work Practice Involving Specific Operations for Sulfur Dioxide. This condition limits the SO₂ emissions to 44.3 tpy of SO₂ for the first new 137.8 MM Btu/hr boiler (Emission Source 00008) in order not to trigger PSD (Prevention of Significant Deterioration).

This condition sets forth an emission cap that cannot be exceeded by the facility. In this permit that cap is 44.3 tpy of SO₂ for the first new 137.8 MM Btu/hr boiler (Emission Source 00008).

Condition # 2-5 for 6 NYCRR 201-7, Capping Out of 40 CFR 52-A.21: This condition is an emission unit level, emission point level, process level and emission source condition that is grouped and applies to applies to Emission Unit U-00001, Emission Point 00001, Processes 001 & 002 and Emission Source S0009. This condition is for Work Practice Involving Specific Operations for Sulfur Dioxide. This condition limits the SO₂ emissions to 56.6 tpy of SO₂ for the second new 137.8 MM Btu/hr boiler (Emission Source S0009) in order not to trigger PSD (Prevention of Significant Deterioration).

This condition sets forth an emission cap that cannot be exceeded by the facility. In this permit that cap is 56.6 tpy of SO₂ for the second new 137.8 MM Btu/hr boiler (Emission Source S0009).

Condition # 2-6 for 6 NYCRR 201-7, Capping Out of 6 NYCRR 231-2: This condition is an emission unit level, emission point level, process level and emission source condition that is grouped and applies to Emission Unit U-00001, Emission Point 00001, Processes 001 & 002 and Emission Source 00008. This condition is for Work Practice Involving Specific Operations for Oxides of Nitrogen. This condition limits the NO_x emissions to 56.8 tpy of NO_x for the first new 137.8 MM Btu/hr boiler (Emission Source 00008) in order not to trigger NSR (New Source Review). The facility will use the emission factors from the December, 2007 stack test results for the first new boiler (Emission Source 00008).

This condition sets forth an emission cap that cannot be exceeded by the facility. In this permit that cap is 56.8 tpy of NO_x for the first new 137.8 MM Btu/hr boiler (Emission Sources 00008).

Condition # 2-7 for 6 NYCRR 201-7, Capping Out of 6 NYCRR 231-2: This is a facility-wide condition. This condition is for Work Practice Involving Specific Operations for Oxides of Nitrogen. This condition limits the NO_x emissions to 173.37 tpy for all emission sources at the facility in order not to trigger NSR (New Source Review). The facility will use the emission factors from the December, 2007 stack test results or the latest stack testing.

New York State Department of Environmental Conservation
Permit Review Report



Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

This condition sets forth an emission cap that cannot be exceeded by the facility. In this permit that cap is 173.37 tpy of NO_x for all emission sources at the facility.

Condition # 2-8 for 6 NYCRR 201-7, Capping Out of 40 CFR 52.21(j): This is a facility-wide condition. This condition is for Work Practice Involving Specific Operations for Sulfur Dioxide. This condition limits the SO₂ emissions to 140.66 tpy for all emission sources at the facility in order not to trigger PSD (Prevention of Significant Deterioration). The facility will use the emission factors from the December, 2007 stack test results or the latest stack testing.

This condition sets forth an emission cap that cannot be exceeded by the facility. In this permit that cap is 140.66 tpy of SO₂ for all emission sources at the facility.

Condition # 2-9 for 6 NYCRR 201-7, Capping Out of 6 NYCRR 231-2:

This condition is an emission unit level, emission point level, process level and emission source condition that is grouped and applies to Emission Unit U-00001, Emission Point 00001, Processes 001 & 002 and Emission Source S0009. This condition is for Work Practice Involving Specific Operations for Oxides of Nitrogen. This condition limits the NO_x emissions to 69.0 tpy of NO_x for the second 137.8 MM Btu/hr boiler (Emission Source S0009) in order not to trigger NSR (New Source Review). The facility will use the emission factors from the December, 2007 stack test results for the second new boiler (Emission Source S0009).

This condition sets forth an emission cap that cannot be exceeded by the facility. In this permit that cap is 69.0 tpy of NO_x for the second new 137.8 MM Btu/hr boiler (Emission Source S0009).

Condition # 25 for 6 NYCRR 225-1.2(a)(2): This is a facility-wide condition. This condition is for Work Practice Involving Specific Operations for Sulfur Dioxide. This condition prohibits any person from selling, offering for sale, purchasing or using any fuel which contains sulfur in a quantity exceeding the limitations of 0.20 % by weight for distillate fuel (# 2 fuel oil). The sulfur content must be determined by the seller. The facility must maintain a log of the sulfur content of oils on a per delivery basis.

Condition # 26 for 6 NYCRR 225-1.2(a)(2): This is a facility-wide condition. This condition is for Work Practice Involving Specific Operations for Sulfur Dioxide. This condition prohibits any person from selling, offering for sale, purchasing or using any fuel which contains sulfur in a quantity exceeding the limitations of 0.30 % by weight for residual fuel (# 6 fuel oil). The sulfur content must be determined by the seller. The facility must maintain a log of the sulfur content of oils on a per delivery basis.



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

Condition # 27 for 6 NYCRR 225-1.8: : This is a facility-wide condition. This condition is for Record Keeping/Maintenance Procedures. This condition requires any owner or operator of a facility which purchases and fires coal and/or oil to submit reports to the commissioner containing fuel analysis data, information on the quantity of the fuel received, burned, and results of any stack sampling, stack monitoring and any other procedures to ensure compliance with the provisions of 6 NYCRR Part 225-1.

Condition # 28 for 6 NYCRR 225.1(a)(3): This is a facility-wide condition. This condition is for Work Practice Involving Specific Operations for Sulfur content. This condition prohibits any person from selling, offering for sale, purchasing or using any fuel which contains sulfur in a quantity exceeding the limitations of 0.30 % by weight for distillate fuel (# 6 fuel oil). The facility must maintain a log of the sulfur content of oils on a per delivery basis for a minimum of five years.

Condition # 29 for 6 NYCRR 227-1.3(a): This is a facility-wide condition. This condition is for Monitoring of Process or Control Device Parameters as Surrogate for Opacity with a limit of 20%.

This condition prohibits any person from operating a stationary combustion installation which emits smoke equal to or greater than 20 % opacity except for one six-minute period per hour of not more than 27 % opacity. This condition requires a daily inspection for visible emissions. If visible emissions are noted for two consecutive days, a Method 9 test must be performed.

Condition # 30 for 6 NYCRR 227-2.5(a): This is a facility-wide condition. This condition is for Record Keeping/Maintenance Procedures for Oxides of Nitrogen.

This condition is for fuel switching. This condition recommends the owner or operator to comply with the conditions developed to implement the fuel switching option.

The emission limits associated with fuel switching is a special condition. The fuel switching plan should be included in the approved compliance plan and should be referenced here. The fuel switching must result in quantifiable annual NO_x emissions equal to or less than the NO_x emissions expected if the combustion installation complied with the emission limits in 227-2.4. The cleaner fuel must be utilized during the ozone season.

Condition # 31 for 40 CFR 60.13(c), NSPS Subpart A: This is a facility-wide condition. This condition is for Record Keeping/Maintenance Procedures.



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

This condition specifies how monitoring shall be performed and which methods and appendices are used to determine if the monitoring is adequate and in compliance with the regulated standards.

Condition # 37 for 6 NYCRR 227-2.1(a)(5): This condition is an emission unit level and emission point level condition that applies to Emission Unit U-00001 and Emission Point 00001. This condition is for Record Keeping/Maintenance Procedures for Oxides of Nitrogen.

This condition notes that a facility is subject to the reasonably available control technology (RACT) for oxides of nitrogen (NO_x).

Condition # 38 for 6 NYCRR 227-2.6(b): This condition is an emission unit level and emission point level condition that applies to Emission Unit U-00001 and Emission Point 00001. This condition is for Record Keeping/Maintenance Procedures for Oxides of Nitrogen.

Any owner or operator of a combustion source subject to reasonably available control technology (RACT) requirements, under this subdivision, for NO_x and either is required or opts to employ a continuous emissions monitoring system (CEMS) must:

- 1) Submit a CEMS monitoring plan for approval by the Department,
- 2) Submit a CEMS certification protocol,
- 3) Meet CEMS monitoring requirements as detailed in this paragraph of this subdivision, and
- 4) Meet CEMS recordkeeping and reporting requirements as detailed in this paragraph of this subdivision.

Condition # 40 for 40 CFR 60.7(c), NSPS Subpart A: This condition is an emission unit level, emission point level and process level condition that applies to Emission Unit U-00001, Emission Point 00001 and Process 001. This condition is for Record Keeping/Maintenance Procedures.

This condition details the information to be submitted in excess emissions and monitoring systems performance reports which must be submitted at least semi-annually for sources with compliance monitoring systems.

Condition # 2-11 for 6 NYCRR 227-2.4(b)(1)(i): This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 001 and Emission Source 00004. This condition is for Intermittent Emission Testing for Oxides of Nitrogen.



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

This condition requires the owner/operator to comply with the 0.30 pounds per million Btus NO_x RACT emission limit prior to July 1, 2014 for large boilers operating on natural gas/#6 fuel oil. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.

Condition # 42 for 6 NYCRR 227-2.6(a)(3): This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 001 and Emission Source 00004.

This condition is for Intermittent Emission Testing for Oxides of Nitrogen for Emission Source 00004 operating on natural gas (Process 001) to demonstrate compliance with the 0.30 pounds per million Btus NO_x RACT emission limit for large boilers operating on natural gas.

This condition requires the owner/operator of large boilers to measure NO_x emissions by performing stack tests described in 6 NYCRR Part 227-2.6(c). However, the permit requires installation of continuous emissions monitoring system (CEMS) as described in 6 NYCRR Part 227-2.6(b) for compliance monitoring.

Condition # 43 for 6 NYCRR 227-2.6(c): This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 001 and Emission Source 00004. This condition is for Intermittent Emission Testing for Oxides of Nitrogen to demonstrate compliance with the 0.30 pounds per million Btus NO_x RACT emission limit for large boilers operating on natural gas.

This condition is a SIP condition and is for stack test requirements. The facility is required to test for NO_x emission and follow monitoring and reporting requirements. The stack testing for NO_x emission requires the facility to:

1. Submit a compliance test protocol to the Department for approval at least 30 days prior to emission testing. The condition of the testing and the locations of the sampling devices must be acceptable to the Department, and
2. Utilize procedures set forth in 40 CFR Part 60, Appendix A or any other method acceptable to the Department and EPA for determining compliance with the appropriate NO_x limit in section 227-2.4 of this Subpart, and shall follow the procedures set forth in part 202 of this Title.
 - I. For large and mid-size boilers, utilize Method 7, 7E, or 19 from 40 CFR Part 60, Appendix A or another reference method approved by the Department.



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

Condition # 2-12 for 6 NYCRR 227-2.4(b)(1)(i): This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 001 and Emission Source 00005. This condition is for Intermittent Emission Testing for Oxides of Nitrogen.

This condition requires the owner/operator to comply with the 0.30 pounds per million Btus NO_x RACT emission limit prior to July 1, 2014 for large boilers operating on natural gas/#6 fuel oil. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.

Condition # 45 for 6 NYCRR 227-2.6(a)(3): This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 001 and Emission Source 00005. This condition is for Intermittent Emission Testing for Oxides of Nitrogen to demonstrate compliance with the 0.30 pounds per million Btus NO_x RACT emission limit for large boilers operating on natural gas.

This condition requires the owner/operator of large boilers to measure NO_x emissions by performing stack tests described in 6 NYCRR Part 227-2.6(c). However, the permit requires installation of continuous emissions monitoring system (CEMS) as described in 6 NYCRR Part 227-2.6(b) for compliance monitoring.

Condition # 46 for 6 NYCRR 227-2.6(c): This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 001 and Emission Source 00005. This condition is for Intermittent Emission Testing for Oxides of Nitrogen to demonstrate compliance with the 0.30 pounds per million Btus NO_x RACT emission limit for large boilers operating on natural gas.

This condition is a SIP condition and is for stack test requirements. The facility is required to test for NO_x emission and follow monitoring and reporting requirements. The stack testing for NO_x emission requires the facility to:

1. Submit a compliance test protocol to the Department for approval at least 30 days prior to emission testing. The condition of the testing and the locations of the sampling devices must be acceptable to the Department, and
2. Utilize procedures set forth in 40 CFR Part 60, Appendix A or any other method acceptable to the Department and EPA for determining compliance with the appropriate NO_x limit in section 227-2.4 of this Subpart, and shall follow the procedures set forth in part 202 of this Title.

New York State Department of Environmental Conservation
Permit Review Report



Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

I. For large and mid-size boilers, utilize Method 7, 7E, or 19 from 40 CFR Part 60, Appendix A or another reference method approved by the Department.

Condition # 2-13 for 6 NYCRR 227-2.4(b)(1)(i): This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 001 and Emission Source 00008. This condition is for Intermittent Emission Testing for Oxides of Nitrogen.

This condition requires the owner/operator to comply with the 0.30 pounds per million Btus NO_x RACT emission limit prior to July 1, 2014 for large boilers operating on natural gas/#6 fuel oil. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.

Condition # 49 for 6 NYCRR 227-2.6(a)(3): This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 001 and Emission Source 00008. This condition is for Continuous Emission Monitoring (CEM) for Oxides of Nitrogen for Emission Source 00008 operating on natural gas (Process 001) to demonstrate compliance with the 0.30 pounds per million Btus NO_x RACT emission limit for large boilers operating on natural gas.

This condition requires the owner/operator of large boilers to measure NO_x emissions by performing stack tests described in 6 NYCRR Part 227-2.6(c). However, the permit requires installation of continuous emissions monitoring system (CEMS) as described in 6 NYCRR Part 227-2.6(b) for compliance monitoring.

Condition # 50 for 6 NYCRR 227-2.6(c): This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 001 and Emission Source 00008. This condition is for Intermittent Emission Testing for Oxides of Nitrogen to demonstrate compliance with the 0.30 pounds per million Btus NO_x RACT emission limit for large boilers operating on natural gas.

This condition is a SIP condition and is for stack test requirements. The facility is required to test for NO_x emission and follow monitoring and reporting requirements. The stack testing for NO_x emission requires the facility to:

1. Submit a compliance test protocol to the Department for approval at least 30 days prior to emission testing. The condition of the testing and the locations of the sampling devices must be acceptable to the Department, and



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

2. Utilize procedures set forth in 40 CFR Part 60, Appendix A or any other method acceptable to the Department and EPA for determining compliance with the appropriate NO_x limit in section 227-2.4 of this Subpart, and shall follow the procedures set forth in part 202 of this Title.

I. For large and mid-size boilers, utilize Method 7, 7E, or 19 from 40 CFR Part 60, Appendix A or another reference method approved by the Department.

Condition # 67 for 40 CFR 60.44b(a)(1), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 001 and Emission Source 00008. This condition is for Continuous Emission Monitoring (CEM) for Oxides of Nitrogen to demonstrate compliance with the 0.30 pounds per million Btus limit.

This standard applies to all boilers firing natural gas and/or distillate oil except as provided in 40 CFR 60.44b(a)(4) Duct Burners Used in a Combined Cycle System.

Condition # 70 for 40 CFR 60.44b(j), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 001 and Emission Source 00008. This condition is for Record Keeping/Maintenance Procedures for Oxides of Nitrogen. Compliance with the emission limits under this section is determined on a 24-hour average basis for the initial performance test and on a 3-hour average basis for subsequent performance tests for any affected facilities that:

- 1) Combust, alone or in combination, only natural gas, distillate oil, or residual oil with a nitrogen content less than 0.30% by weight,
- 2) Have a combined annual capacity factor of 10% or less of natural gas, distillate oil, and residual oil with a nitrogen content of 0.30% by weight, and
- 3) Are subject to federally enforceable conditions limiting the above mentioned conditions.

Condition # 71 for 40 CFR 60.44b(k), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 001 and Emission Source 00008. This condition is for Record Keeping/Maintenance Procedures for Oxides of Nitrogen. The facility is affected if:



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

- 1) Combust, alone or in combination, only natural gas, distillate oil, or residual oil with a nitrogen content less than 0.30% by weight,
- 2) Have a combined annual capacity factor of 10% or less of natural gas, distillate oil, and residual oil with a nitrogen content of 0.30% by weight, and
- 3) Are subject to federally enforceable conditions limiting the above mentioned conditions.

Condition # 73 for 40 CFR 60.46b(e), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 001 and Emission Source 00008. This condition is for Continuous Emission Monitoring (CEM) for Oxides of Nitrogen.

This condition specifies compliance and performance test methods and procedures for nitrogen oxides emission limits of 0.30 pounds per million Btus.

Condition # 74 for 40 CFR 60.48b(a), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 001 and Emission Source 00008. This condition is for Continuous Emission Monitoring (CEM) for Particulates.

This subdivision requires the installation of a continuous opacity monitor to demonstrate compliance with the 20% opacity limit.

Condition # 75 for 40 CFR 60.48b(b), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 001 and Emission Source 00008. This condition is for Continuous Emission Monitoring (CEM) for Oxides of Nitrogen.

This condition requires the owner or operator of the facility to install and operate a continuous emissions monitor to monitor emissions of oxides of nitrogen from the facility to demonstrate compliance with the emission limits of 0.30 pounds per million Btus.

Condition # 77 for 40 CFR 60.49b(a), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 001 and Emission Source 00008. This condition is for Record Keeping/Maintenance Procedures.

This condition requires reporting and recordkeeping for affected steam generating units - initial notification.



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

Condition # 78 for 40 CFR 60.49b(b), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 001 and Emission Source 00008. This condition is for Record Keeping/Maintenance Procedures.

This condition requires reporting and recordkeeping for affected steam generating units - initial performance and CEM testing.

Condition # 79 for 40 CFR 60.49b(b), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 001 and Emission Source 00008. This condition is for Record Keeping/Maintenance Procedures.

This condition requires reporting and recordkeeping for affected steam generating units - initial performance and CEM testing.

Condition # 80 for 40 CFR 60.49b(g), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 001 and Emission Source 00008. This condition is for Record Keeping/Maintenance Procedures for Oxides of Nitrogen.

This condition requires reporting and recordkeeping for affected steam generating units - specific oxides of nitrogen requirements.

Condition # 81 for 40 CFR 60.49b(h), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 001 and Emission Source 00008. This condition is for Record Keeping/Maintenance Procedures.

This condition specifies that the facility must submit excess emission reports.

Condition # 82 for 40 CFR 60.49b(i), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 001 and Emission Source 00008. This condition is for Record Keeping/Maintenance Procedures for Oxides of Nitrogen.

This condition specifies that the facility submit reports on oxides of nitrogen emissions in accordance with the required recordkeeping provisions of 40 CFR 60.49b(g).

Condition # 2-14 for 6 NYCRR 227-2.4(b)(1)(i): This condition is an emission unit level, emission point level, process level and emission source condition that applies to



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

Emission Unit U-00001, Emission Point 00001, Process 001 and Emission Source 00009. This condition is for Intermittent Emission for Oxides of Nitrogen.

This condition requires the owner/operator to comply with the 0.30 pounds per million Btus NOx RACT emission limit prior to July 1, 2014 for large boilers operating on natural gas/#6 fuel oil. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.

Condition # 86 for 6 NYCRR 227-2.6(a)(3): This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 001 and Emission Source 00009. This condition is for Continuous Emission Monitoring (CEM) for Oxides of Nitrogen to demonstrate compliance with the 0.30 pounds per million Btus NOx RACT emission limit for large boilers operating on natural gas.

This condition requires the facility of large boilers to measure NOx emissions by performing stack tests described in 6 NYCRR Part 227-2.6(c). However, the permit requires installation of a continuous emissions monitoring system (CEMS) as described in 6 NYCRR Part 227-2.6(b) for compliance monitoring.

Condition # 87 for 6 NYCRR 227-2.6(c): This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 001 and Emission Source 00009. This condition is for Intermittent Emission Testing for Oxides of Nitrogen to demonstrate compliance with the 0.30 pounds per million Btus NOx RACT emission limit for large boilers operating on natural gas.

This condition is a SIP condition and is for stack test requirements. The facility is required to test for NOx emission and follow monitoring and reporting requirements. The stack testing for NOx emission requires the facility to:

1. Submit a compliance test protocol to the Department for approval at least 30 days prior to emission testing . The condition of the testing and the locations of the sampling devices must be acceptable to the Department, and

2. Utilize procedures set forth in 40 CFR Part 60, Appendix A or any other method acceptable to the Department and EPA for determining compliance with the appropriate NOx limit in section 227-2.4 of this Subpart, and shall follow the procedures set forth in part 202 of this Title.

- I. For large and mid-size boilers, utilize Method 7, 7E, or 19 from 40 CFR Part 60, Appendix A or another reference method approved by the Department.

New York State Department of Environmental Conservation
Permit Review Report



Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

Condition # 104 for 40 CFR 60.44b(a)(1), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 001 and Emission Source 00009. This condition is for Continuous Emission Monitoring (CEM) for Oxides of Nitrogen to demonstrate compliance with the 0.30 pounds per million Btus NO_x RACT emission limit for large boilers operating on natural gas.

These standards apply to all boilers firing natural gas and/or distillate oil except as provided in 40 CFR 60.44b(a)(4) Duct Burners Used in a Combined Cycle System.

Condition # 107 for 40 CFR 60.44b(j), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 001 and Emission Source 00009. This condition is for Record Keeping/Maintenance Procedures for Oxides of Nitrogen to demonstrate compliance with the emission limits for any affected facilities that:

- 1) Combust, alone or in combination, only natural gas, distillate oil, or residual oil with a nitrogen content less than 0.30% by weight,
- 2) Have a combined annual capacity factor of 10% or less of natural gas, distillate oil, and residual oil with a nitrogen content of 0.30% by weight, and
- 3) Are subject to federally enforceable conditions limiting the above mentioned conditions.

Condition # 108 for 40 CFR 60.44b(k), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 001 and Emission Source 00009. This condition is for Record Keeping/Maintenance Procedures for Oxides of Nitrogen. The facility is affected if:

- 1) Combust, alone or in combination, only natural gas, distillate oil, or residual oil with a nitrogen content less than 0.30% by weight,
- 2) Have a combined annual capacity factor of 10% or less of natural gas, distillate oil, and residual oil with a nitrogen content of 0.30% by weight, and
- 3) Are subject to federally enforceable conditions limiting the above mentioned conditions.

Condition # 110 for 40 CFR 60.46b(e), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

applies to Emission Unit U-00001, Emission Point 00001, Process 001 and Emission Source 00009. This condition is for Continuous Emission Monitoring (CEM) for Oxides of Nitrogen.

This condition specifies compliance and performance test methods and procedures for nitrogen oxides emission limits of 0.30 pounds per million Btus.

Condition # 111 for 40 CFR 60.48b(a), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 001 and Emission Source 00009. This condition is for Continuous Emission Monitoring (CEM) for Particulates.

This subdivision requires the installation of a continuous opacity monitor to demonstrate compliance with the 20% opacity limit.

Condition # 112 for 40 CFR 60.48b(b), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 001 and Emission Source 00009. This condition is for Continuous Emission Monitoring (CEM) for Oxides of Nitrogen.

This condition requires the owner or operator of the facility to install and operate a continuous emissions monitor to monitor emissions of oxides of nitrogen from the facility to demonstrate compliance with the emission limits of 0.30 pounds per million Btus.

Condition # 114 for 40 CFR 60.49b(a), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 001 and Emission Source 00009. This condition is for Record Keeping/Maintenance Procedures.

This condition requires reporting and recordkeeping for affected steam generating units - initial notification.

Condition # 115 for 40 CFR 60.49b(b), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 001 and Emission Source 00009. This condition is for Record Keeping/Maintenance Procedures.

This condition requires reporting and recordkeeping for affected steam generating units - initial performance and CEM testing.



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

Condition # 116 for 40 CFR 60.49b(b), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 001 and Emission Source 00009. This condition is for Record Keeping/Maintenance Procedures.

This condition requires reporting and recordkeeping for affected steam generating units - initial performance and CEM testing.

Condition # 117 for 40 CFR 60.49b(g), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 001 and Emission Source 00009. This condition is for Record Keeping/Maintenance Procedures for Oxides of Nitrogen.

This condition requires reporting and recordkeeping for affected steam generating units - specific oxides of nitrogen requirements.

Condition # 118 for 40 CFR 60.49b(h), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 001 and Emission Source 00009. This condition is for Record Keeping/Maintenance Procedures.

This condition specifies that the facility must submit excess emission reports.

Condition # 119 for 40 CFR 60.49b(i), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 001 and Emission Source 00009. This condition is for Record Keeping/Maintenance Procedures for Oxides of Nitrogen.

This condition specifies that the facility submit reports on oxides of nitrogen emissions in accordance with the required recordkeeping provisions of 40 CFR 60.49b(g).

Condition # 121 for 6 NYCRR 227.2(b)(1): This condition is an emission unit level, emission point level and process level condition that applies to Emission Unit U-00001, Emission Point 00001 and Process 001. This condition is for Intermittent Emission Testing for Particulates to demonstrate compliance with the 0.10 pounds per million Btus emission limit.

This regulation is from the 1972 version of Part 227 and still remains as part of New York's SIP. The rule establishes a particulate limit of 0.10 lbs/mmBtu based on a 2 hour average emission for any oil fired stationary combustion installation.

New York State Department of Environmental Conservation
Permit Review Report



Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

Condition # 122 for 40 CFR 60.7(c), NSPS Subpart A: This condition is an emission unit level, emission point level and process level condition that applies to Emission Unit U-00001, Emission Point 00001 and Process 002. This condition is for Record Keeping/Maintenance Procedures.

This condition details the information to be submitted in excess emissions and monitoring systems performance reports which must be submitted at least semi-annually for sources with compliance monitoring systems.

Condition # 2-15 for 6 NYCRR 227-2.4(b)(1)(i): This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission Source 00004. This condition is for Intermittent Emission Testing for Oxides of Nitrogen.

This condition requires the owner/operator to comply with the 0.30 pounds per million Btus NOx RACT emission limit prior to July 1, 2014 for large boilers operating on natural gas/#6 fuel oil. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.

Condition # 124 for 6 NYCRR 227-2.6(a)(3): This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission Source 00004. This condition is for Intermittent Emission Testing for Oxides of Nitrogen to demonstrate compliance with the 0.30 pounds per million Btus NOx RACT emission limit for large boilers operating on # 6 fuel oil.

This condition requires the facility of large boilers to measure NOx emissions by performing stack tests described in 6 NYCRR Part 227-2.6(c). However, the permit requires installation of a continuous emissions monitoring system (CEMS) as described in 6 NYCRR Part 227-2.6(b) for compliance monitoring.

Condition # 125 for 6 NYCRR 227-2.6(c): This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission Source 00004. This condition is for Intermittent Emission Testing for Oxides of Nitrogen to demonstrate compliance with the 0.30 pounds per million Btus NOx RACT emission limit for large boilers operating on #6 fuel oil.

This condition is a SIP condition and is for stack test requirements. The facility is required to test for NOx emission and follow monitoring and reporting requirements. The stack testing for NOx emission requires the facility to:

New York State Department of Environmental Conservation
Permit Review Report



Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

1. Submit a compliance test protocol to the Department for approval at least 30 days prior to emission testing. The condition of the testing and the locations of the sampling devices must be acceptable to the Department, and

2. Utilize procedures set forth in 40 CFR Part 60, Appendix A or any other method acceptable to the Department and EPA for determining compliance with the appropriate NOx limit in section 227-2.4 of this Subpart, and shall follow the procedures set forth in part 202 of this Title.

I. For large and mid-size boilers, utilize Method 7, 7E, or 19 from 40 CFR Part 60, Appendix A or another reference method approved by the Department.

Condition # 2-16 for for 6 NYCRR 227-2.4(b)(1)(i): This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission Source 00005. This condition is for Intermittent Emission Testing for Oxides of Nitrogen.

This condition requires the owner/operator to comply with the 0.30 pounds per million Btus NOx RACT emission limit prior to July 1, 2014 for large boilers operating on natural gas/#6 fuel oil. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.

Condition # 127 for 6 NYCRR 227-2.6(a)(3): This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission Source 00005. This condition is for Intermittent Emission Testing for Oxides of Nitrogen to demonstrate compliance with the 0.30 pounds per million Btus NOx RACT emission limit for large boilers operating on # 6 fuel oil.

This condition requires the facility of large boilers to measure NOx emissions by performing stack tests described in 6 NYCRR Part 227-2.6(c). However, the permit requires installation of a continuous emissions monitoring system (CEMS) as described in 6 NYCRR Part 227-2.6(b) for compliance monitoring.

Condition # 128 for 6 NYCRR 227-2.6(c): This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission Source 00005. This condition is for Intermittent Emission Testing for Oxides of Nitrogen to demonstrate compliance with the 0.30 pounds per million Btus NOx RACT emission limit for large boilers operating on natural gas.



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

This condition is a SIP condition and is for stack test requirements. The facility is required to test for NO_x emission and follow monitoring and reporting requirements. The stack testing for NO_x emission requires the facility to:

1. Submit a compliance test protocol to the Department for approval at least 30 days prior to emission testing. The condition of the testing and the locations of the sampling devices must be acceptable to the Department, and
2. Utilize procedures set forth in 40 CFR Part 60, Appendix A or any other method acceptable to the Department and EPA for determining compliance with the appropriate No_x limit in section 227-2.4 of this Subpart, and shall follow the procedures set forth in part 202 of this Title.
 - I. For large and mid-size boilers, utilize Method 7, 7E, or 19 from 40 CFR Part 60, Appendix A or another reference method approved by the Department.

Condition # 2-17 for 6 NYCRR 227-2.4(b)(1)(i): This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission Source 00008. This condition is for Intermittent Emission Testing for Oxides of Nitrogen.

This condition requires the owner/operator to comply with the 0.30 pounds per million Btus NO_x RACT emission limit prior to July 1, 2014 for large boilers operating on natural gas/#6 fuel oil. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.

Condition # 131 for 6 NYCRR 227-2.6(a)(3): This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission Source 00008. This condition is for Continuous Emission Testing (CEM) for Oxides of Nitrogen to demonstrate compliance with the 0.30 pounds per million Btus NO_x RACT emission limit for large boilers operating on # 6 fuel oil.

This condition requires the facility of large boilers to measure NO_x emissions by performing stack tests described in 6 NYCRR Part 227-2.6(c). However, the permit requires installation of a continuous emissions monitoring system (CEMS) as described in 6 NYCRR Part 227-2.6(b) for compliance monitoring.

Condition # 132 for 6 NYCRR 227-2.6(c): This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission Source 00008. This condition is for Intermittent Emission Testing for Oxides of Nitrogen to demonstrate

New York State Department of Environmental Conservation
Permit Review Report



Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

compliance with the 0.30 pounds per million Btus NO_x RACT emission limit for large boilers operating on #6 fuel oil.

This condition is a SIP condition and is for stack test requirements. The facility is required to test for NO_x emission and follow monitoring and reporting requirements. The stack testing for NO_x emission requires the facility to:

1. Submit a compliance test protocol to the Department for approval at least 30 days prior to emission testing. The condition of the testing and the locations of the sampling devices must be acceptable to the Department, and
2. Utilize procedures set forth in 40 CFR Part 60, Appendix A or any other method acceptable to the Department and EPA for determining compliance with the appropriate NO_x limit in section 227-2.4 of this Subpart, and shall follow the procedures set forth in part 202 of this Title.

I. For large and mid-size boilers, utilize Method 7, 7E, or 19 from 40 CFR Part 60, Appendix A or another reference method approved by the Department.

Condition # 152 for 40 CFR 60.42b(j)(2), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission Source 00008. This condition is for Work Practice Involving Specific Operations for Sulfur Dioxide.

This condition is for exemption from standards for sulfur dioxide. This condition specifies that the owner/operator maintains file of fuel receipts in accordance with 40 CFR 49b(R). The sulfur content limit is 0.30% by weight, which is the New York State limit as per 6 NYCRR 225-1.2(a)(2).

Condition # 153 for 40 CFR 60.43b(b), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission Source 00008. This condition is for Intermittent Emission Testing for Particulates to demonstrate compliance with the 0.10 pounds per million Btus emission limit for boilers operating on fuel oil.

This condition is for the Particulate matter standard. The condition specifies maximum allowable Particulate matter emissions oil or oil and other fuels of 0.10 lb/mmBtu for affected sources.



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

Condition # 154 for 40 CFR 60.43b(f), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission Source 00008. This condition is for Monitoring of Process or Control Device Parameters as Surrogate for Particulates to demonstrate compliance with the 27% opacity limit for boilers operating on fuel oil.

This condition specifies maximum allowable opacity for affected sources. The opacity of the emission may not exceed 20%, except for one six minute period when the maximum opacity may not exceed 27%.

Condition # 156 for 40 CFR 60.44b(a)(1), NSPS Subpart Db : This condition is an emission unit level, emission point level, process level and emission source level condition that applies to Emission Unit U-00001, Emission Point 00001 and Process 002 and Emission Source 00008. This condition is for Continuous Emission Testing for NO_x to demonstrate compliance with the 0.30 pounds per million Btus NO_x RACT emission limit.

These standards apply to all boilers firing natural gas and/or distillate oil except as provided in 40 CFR 60.44b(a)(4) Duct Burners Used in a Combined Cycle System.

Condition # 160 for 40 CFR 60.44b(j), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission Source 00008. This condition is for Record Keeping/Maintenance Procedures for Oxides of Nitrogen to demonstrate compliance with the emission limits for any affected facilities that:

- 1) Combust, alone or in combination, only natural gas, distillate oil, or residual oil with a nitrogen content less than 0.30% by weight,
- 2) Have a combined annual capacity factor of 10% or less of natural gas, distillate oil, and residual oil with a nitrogen content of 0.30% by weight, and
- 3) Are subject to federally enforceable conditions limiting the above mentioned conditions.

Condition # 161 for 40 CFR 60.44b(k), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission Source 00008. This condition is for Record Keeping/Maintenance Procedures for Oxides of Nitrogen. The facility is affected if:



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

- 1) Combust, alone or in combination, only natural gas, distillate oil, or residual oil with a nitrogen content less than 0.30% by weight,
- 2) Have a combined annual capacity factor of 10% or less of natural gas, distillate oil, and residual oil with a nitrogen content of 0.30% by weight, and
- 3) Are subject to federally enforceable conditions limiting the above mentioned conditions.

Condition # 162 for 40 CFR 60.45b(j), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission Source 00008. This condition is for Record Keeping/Maintenance Procedures condition.

This condition specifies that owner or operators that combust very low sulfur oil are not subject to compliance and performance testing requirements for Sulfur Dioxide if they obtain fuel receipts as described in 40 CFR 60.49b(r).

Condition # 164 for 40 CFR 60.46b(e), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission Source 00008. This condition is for Continuous Emission Monitoring (CEM) for Oxides of Nitrogen.

This condition specifies compliance and performance test methods and procedures for nitrogen oxides emission limits of 0.30 pounds per million Btus.

Condition # 166 for 40 CFR 60.47b(f), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission Source 00008. This condition is for Work Practice Involving Specific Operations for Sulfur Dioxide. The sulfur content limit is 0.30 % by weight.

Facilities combusting very low sulfur oil are not subject to emission monitoring requirements of the section if they obtain fuel receipts as described in 40 CFR 60-Db.49b(r).

Condition # 167 for 40 CFR 60.48b(a), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission Source 00008. This condition is for Continuous Emission Monitoring (CEM) for Particulates.



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

This subdivision requires the installation of a continuous opacity monitor to demonstrate compliance with the 20% opacity limit.

Condition # 168 for 40 CFR 60.48b(b), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission Source 00008. This condition is for Continuous Emission Monitoring (CEM) for Oxides of Nitrogen.

This condition requires the owner or operator of the facility to install and operate a continuous emissions monitor to monitor emissions of oxides of nitrogen from the facility to demonstrate compliance with the emission limits of 0.30 pounds per million Btus.

Condition # 170 for 40 CFR 60.49b(a), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission Source 00008. This condition is for Record Keeping/Maintenance Procedures.

This condition requires reporting and recordkeeping for affected steam generating units - initial notification.

Condition # 171 for 40 CFR 60.49b(b), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission Source 00008. This condition is for Record Keeping/Maintenance Procedures.

This condition requires reporting and recordkeeping for affected steam generating units - initial performance and CEM testing.

Condition # 172 for 40 CFR 60.49b(b), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission Source 00008. This condition is for Record Keeping/Maintenance Procedures.

This condition requires reporting and recordkeeping for affected steam generating units - initial performance and CEM testing.

Condition # 173 for 40 CFR 60.49b(e), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission Source 00008. This condition is for Work Practice Involving Specific Operations for Nitrogen Oxide.



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

This condition requires demonstrating compliance with the 0.30% by weight nitrogen content for affected steam generating units.

This condition is for reporting and recordkeeping requirements. This condition specifies that the owner or operator shall maintain records of the nitrogen content of the residual oil combusted in the affected facility and calculate the average fuel nitrogen content on a per calendar quarter basis.

Condition # 174 for 40 CFR 60.49b(f), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission Source 00008. This condition is for Record Keeping/Maintenance Procedures for Particulates for Opacity.

This condition specifies that monitored opacity records must be kept at the facility.

Condition # 175 for 40 CFR 60.49b(g), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission Source 00008. This condition is for Record Keeping/Maintenance Procedures for Oxides of Nitrogen.

This condition requires reporting and recordkeeping for affected steam generating units - specific oxides of nitrogen requirements.

Condition # 176 for 40 CFR 60.49b(h), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission Source 00008. This condition is for Record Keeping/Maintenance Procedures.

This condition specifies that the facility must submit excess emission reports.

Condition # 177 for 40 CFR 60.49b(i), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission Source 00008. This condition is for Record Keeping/Maintenance Procedures for Oxides of Nitrogen.

This condition specifies that the facility submit reports on oxides of nitrogen emissions in accordance with the required recordkeeping provisions of 40 CFR 60.49b(g).



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

Condition # 178 for 40 CFR 60.49b(j), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission Source 00008. This condition is for Record Keeping/Maintenance Procedures.

This condition specifies that the facility submit reports on sulfur dioxide emission records.

Condition # 180 for 40 CFR 60.49b(r), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission Source 00008. This condition is for Record Keeping/Maintenance Procedures for Sulfur Dioxide.

This condition specifies that owner or operators that combust very low sulfur oil are required to obtain fuel receipts. The oil need not meet the fuel nitrogen content specification in the definition of distillate oil. Reports shall be submitted to the Administrator certifying that only very low sulfur oil meeting this definition was combusted.

Condition # 2-18 for 6 NYCRR 227-2.4(b)(1)(i): This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission Source S0009. This condition is for Intermittent Emission Testing for Oxides of Nitrogen.

This condition requires the owner/operator to comply with the 0.30 pounds per million Btus NO_x RACT emission limit prior to July 1, 2014 for large boilers operating on natural gas/#6 fuel oil. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.

Condition # 183 for 6 NYCRR 227-2.6(a)(3): This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission Source 00009. This condition is for Continuous Emission Testing for Oxides of Nitrogen to demonstrate compliance with the 0.30 pounds per million Btus NO_x RACT emission limit for large boilers operating on # 6 fuel oil.

This condition requires the facility of large boilers to measure NO_x emissions by performing stack tests described in 6 NYCRR Part 227-2.6(c). However, the permit requires installation of a continuous emissions monitoring system (CEMS) as described in 6 NYCRR Part 227-2.6(b) for compliance monitoring.



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

Condition # 184 for 6 NYCRR 227-2.6(c): This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission Source 00009. This condition is for Intermittent Emission Testing for Oxides of Nitrogen to demonstrate compliance with the 0.30 pounds per million Btus NOx RACT emission limit for large boilers operating on #6 fuel oil.

This condition is a SIP condition and is for stack test requirements. The facility is required to test for NOx emission and follow monitoring and reporting requirements. The stack testing for NOx emission requires the facility to:

1. Submit a compliance test protocol to the Department for approval at least 30 days prior to emission testing. The condition of the testing and the locations of the sampling devices must be acceptable to the Department, and

2. Utilize procedures set forth in 40 CFR Part 60, Appendix A or any other method acceptable to the Department and EPA for determining compliance with the appropriate NOx limit in section 227-2.4 of this Subpart, and shall follow the procedures set forth in part 202 of this Title.

I. For large and mid-size boilers, utilize Method 7, 7E, or 19 from 40 CFR Part 60, Appendix A or another reference method approved by the Department.

Condition # 204 for 40 CFR 60.42b(j)(2), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission Source 00009. This condition is for Work Practice Involving Specific Operations for Sulfur Dioxide.

This condition is for exemption from standards for sulfur dioxide. This condition specifies that the owner/operator maintains file of fuel receipts in accordance with 40 CFR 49b(R). The sulfur content limit is 0.30% by weight, which is the New York State limit as per 6 NYCRR 225-1.2(a)(2).

Condition # 205 for 40 CFR 60.43b(b), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission Source 00009. This condition is for Intermittent Emission Testing for Particulates to demonstrate compliance with the 0.10 pounds per million Btus emission limit for boilers operating on fuel oil.



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

This condition is for the Particulate matter standard. The condition specifies maximum allowable Particulate matter emissions oil or oil and other fuels of 0.10 lb/mmBtu for affected sources.

Condition # 206 for 40 CFR 60.43b(f), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission Source 00009. This condition is for Monitoring of Process or Control Device Parameters as Surrogate for Particulates to demonstrate compliance with the 27% opacity limit for boilers operating on fuel oil.

This condition specifies maximum allowable opacity for affected sources. The opacity of the emission may not exceed 20%, except for one six minute period when the maximum opacity may not exceed 27%.

Condition # 208 for 40 CFR 60.44b(a)(1), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission Source 00009. This condition is for Continuous Emission Monitoring (CEM) for Oxides of Nitrogen to demonstrate compliance with the 0.30 pounds per million Btus emission limit for boilers operating on fuel oil.

These standards apply to all boilers firing natural gas and/or distillate oil except as provided in 40 CFR 60.44b(a)(4) Duct Burners Used in a Combined Cycle System.

Condition # 212 for 40 CFR 60.44b(j), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission Source 00009. This condition is for Record Keeping/Maintenance Procedures for Oxides of Nitrogen to demonstrate compliance with the emission limits for any affected facilities that:

- 1) Combust, alone or in combination, only natural gas, distillate oil, or residual oil with a nitrogen content less than 0.30% by weight,
- 2) Have a combined annual capacity factor of 10% or less of natural gas, distillate oil, and residual oil with a nitrogen content of 0.30% by weight, and
- 3) Are subject to federally enforceable conditions limiting the above mentioned conditions.

Condition # 213 for 40 CFR 60.44b(k), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission Source 00009. This condition is for Record Keeping/Maintenance Procedures for Oxides of Nitrogen. The facility is affected if:

- 1) Combust, alone or in combination, only natural gas, distillate oil, or residual oil with a nitrogen content less than 0.30% by weight,
- 2) Have a combined annual capacity factor of 10% or less of natural gas, distillate oil, and residual oil with a nitrogen content of 0.30% by weight, and
- 3) Are subject to federally enforceable conditions limiting the above mentioned conditions.

Condition # 214 for 40 CFR 60.45b(j), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission Source 00009. This condition is for Record Keeping/Maintenance Procedures condition.

This condition specifies that owner or operators that combust very low sulfur oil are not subject to compliance and performance testing requirements for Sulfur Dioxide if they obtain fuel receipts as described in 40 CFR 60.49b(r).

Condition # 216 for 40 CFR 60.46b(e), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission Source 00009. This condition is for Continuous Emission Monitoring (CEM) for Oxides of Nitrogen.

This condition specifies compliance and performance test methods and procedures for nitrogen oxides emission limits of 0.30 pounds per million Btus.

Condition # 218 for 40 CFR 60.47b(f), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission Source 00009. This condition is for Work Practice Involving Specific Operations for Sulfur Dioxide. The sulfur content limit is 0.30 % by weight.

Facilities combusting very low sulfur oil are not subject to emission monitoring requirements of the section if they obtain fuel receipts as described in 40 CFR 60-Db.49b(r).

Condition # 219 for 40 CFR 60.48b(a), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission Source 00009. This condition is for Continuous Emission Monitoring (CEM) for Particulates.

This subdivision requires the installation of a continuous opacity monitor to demonstrate compliance with the 20% opacity limit.

Condition # 220 for 40 CFR 60.48b(b), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission Source S0009. This condition is for Continuous Emission Monitoring (CEM) for Oxides of Nitrogen.

This condition requires the owner or operator of the facility to install and operate a continuous emissions monitor to monitor emissions of oxides of nitrogen from the facility to demonstrate compliance with the emission limits of 0.30 pounds per million Btus.

Condition # 222 for 40 CFR 60.49b(a), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission Source 00009. This condition is for Record Keeping/Maintenance Procedures.

This condition requires reporting and recordkeeping for affected steam generating units - initial notification.

Condition # 223 for 40 CFR 60.49b(b), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission Source 00009. This condition is for Record Keeping/Maintenance Procedures.

This condition requires reporting and recordkeeping for affected steam generating units - initial performance and CEM testing.

Condition # 224 for 40 CFR 60.49b(b), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission Source 00009. This condition is for Record Keeping/Maintenance Procedures.

This condition requires reporting and recordkeeping for affected steam generating units - initial performance and CEM testing.



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

Condition # 225 for 40 CFR 60.49b(e), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission Source 00009. This condition is for Work Practice Involving Specific Operations for Oxides of Nitrogen.

This condition requires demonstrating compliance with the 0.30% by weight nitrogen content for affected steam generating units.

This condition is for reporting and recordkeeping requirements. This condition specifies that the owner or operator shall maintain records of the nitrogen content of the residual oil combusted in the affected facility and calculate the average fuel nitrogen content on a per calendar quarter basis.

Condition # 226 for 40 CFR 60.49b(f), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission Source 00009. This condition is for Record Keeping/Maintenance Procedures for Particulates for Opacity.

This condition specifies that monitored opacity records must be kept at the facility.

Condition # 227 for 40 CFR 60.49b(g), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission Source 00009. This condition is for Record Keeping/Maintenance Procedures for Oxides of Nitrogen.

This condition requires reporting and recordkeeping for affected steam generating units - specific oxides of nitrogen requirements.

Condition # 228 for 40 CFR 60.49b(h), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission Source 00009. This condition is for Record Keeping/Maintenance Procedures.

This condition specifies that the facility must submit excess emission reports.

Condition # 229 for 40 CFR 60.49b(i), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

Source 00009. This condition is for Record Keeping/Maintenance Procedures for Oxides of Nitrogen.

This condition specifies that the facility submit reports on oxides of nitrogen emissions in accordance with the required recordkeeping provisions of 40 CFR 60.49b(g).

Condition # 230 for 40 CFR 60.49b(j), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission Source 00009. This condition is for Record Keeping/Maintenance Procedures.

This condition specifies that the facility submit reports on sulfur dioxide emission records.

Condition # 232 for 40 CFR 60.49b(r), NSPS Subpart Db: This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 002 and Emission Source 00009. This condition is for Record Keeping/Maintenance Procedures for Sulfur Dioxide.

This condition specifies that owner or operators that combust very low sulfur oil are required to obtain fuel receipts. The oil need not meet the fuel nitrogen content specification in the definition of distillate oil. Reports shall be submitted to the Administrator certifying that only very low sulfur oil meeting this definition was combusted.

Condition # 2-20 for 6 NYCRR 227-2.4(b)(1)(ii): This condition is an emission unit level, emission point level, process level and emission source level condition that applies to Emission Unit U-00001, Emission Point 00001, Process 001 and Emission Source 00004. This condition is for Intermittent Emission Testing for Oxides of Nitrogen.

This condition requires the owner/operator to comply with the 0.15 pounds per million Btus NO_x RACT emission limit prior to July 1, 2014 for large boilers operating on natural gas/#2 fuel oil. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.

Condition # 2-21 for 6 NYCRR 227-2.4(b)(1)(ii): This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 001 and Emission Source 00005. This condition is for Intermittent Emission Testing for Oxides of Nitrogen.

This condition requires the owner/operator to comply with the 0.15 pounds per million Btus NO_x RACT emission limit prior to July 1, 2014 for large boilers operating on natural



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

gas/#2 fuel oil. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.

Condition # 2-22 for 6 NYCRR 227-2.4(b)(1)(ii): This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 001 and Emission Source 00008. This condition is for Intermittent Emission Testing for Oxides of Nitrogen.

This condition requires the owner/operator to comply with the 0.15 pounds per million Btus NOx RACT emission limit prior to July 1, 2014 for large boilers operating on natural gas/#2 fuel oil. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.

Condition # 2-23 for 6 NYCRR 227-2.4(b)(1)(ii): This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 001 and Emission Source S0009. This condition is for Intermittent Emission Testing for Oxides of Nitrogen.

This condition requires the owner/operator to comply with the 0.15 pounds per million Btus NOx RACT emission limit prior to July 1, 2014 for large boilers operating on natural gas/#2 fuel oil. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.

Condition # 2-24 for 6 NYCRR 227-2.4(b)(1)(ii): This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 003 and Emission Source 00004. This condition is for Intermittent Emission Testing for Oxides of Nitrogen.

This condition requires the owner/operator to comply with the 0.15 pounds per million Btus NOx RACT emission limit prior to July 1, 2014 for large boilers operating on natural gas/#2 fuel oil. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.

Condition # 2-25 for 6 NYCRR 227-2.4(b)(1)(ii): This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 003 and Emission Source 00005. This condition is for Intermittent Emission Testing for Oxides of Nitrogen.

This condition requires the owner/operator to comply with the 0.15 pounds per million Btus NOx RACT emission limit prior to July 1, 2014 for large boilers operating on natural gas/#2 fuel oil. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 2-6201-00005/00007

Renewal Number: 1

Modification Number: 2 06/14/2012

Condition # 2-26 for 6 NYCRR 227-2.4(b)(1)(ii): This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 003 and Emission Source 00008. This condition is for Intermittent Emission Testing for Oxides of Nitrogen.

This condition requires the owner/operator to comply with the 0.15 pounds per million Btus NO_x RACT emission limit prior to July 1, 2014 for large boilers operating on natural gas/#2 fuel oil. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing. .

Condition # 2-27 for 6 NYCRR 227-2.4(b)(1)(ii): This condition is an emission unit level, emission point level, process level and emission source condition that applies to Emission Unit U-00001, Emission Point 00001, Process 003 and Emission Source S0009. This condition is for Intermittent Emission Testing for Oxides of Nitrogen.

This condition requires the owner/operator to comply with the 0.15 pounds per million Btus NO_x RACT emission limit prior to July 1, 2014 for large boilers operating on natural gas/#2 fuel oil. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.