



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

**IDENTIFICATION INFORMATION**

Permit Type: Air State Facility  
Permit ID: 6-3013-00183/00007  
Effective Date: 05/16/2012                      Expiration Date: No expiration date

Permit Issued To: GUSC ENERGY INC  
410 PHOENIX DR  
ROME, NY 13441

Facility:                      GRIFFISS CENTRAL HEAT PLANT  
655 ELLSWORTH RD  
ROME, NY 13441

Contact:                      DANIEL MANEEN  
GRIFFISS UTILITY SERVICES CORPORATION  
410 PHOENIX DR  
ROME, NY 13441  
(315) 838-4872

Description:  
The Griffiss Central Heat Plant, located in Rome, NY and operated by the GUSC Energy, Inc., provides electricity and heat to the Griffiss Business and Technology Park. The heat plant currently has a Title V permit because of previous plans to construct a biomass gasification facility, which will not be implemented. The existing plant equipment includes two water tube boilers, that can operate on either natural gas or oil. The existing steam plant equipment will be left for backup only and will not be held in warm standby.

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

Permit Administrator:                      LAWRENCE R AMBEAU  
NYSDEC - STATE OFFICE BLDG  
317 WASHINGTON ST  
WATERTOWN, NY 13601

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



**Notification of Other State Permittee Obligations**

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

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

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

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

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

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

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

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



**LIST OF CONDITIONS**

**DEC GENERAL CONDITIONS**

**General Provisions**

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

**Facility Level**

- Submission of application for permit modification or renewal-REGION 6 HEADQUARTERS



**DEC GENERAL CONDITIONS**  
**\*\*\*\* General Provisions \*\*\*\***  
**GENERAL CONDITIONS - Apply to ALL Authorized Permits.**

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

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

**Item 1.1:**

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

**Item 1.2:**

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

**Item 1.3:**

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

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

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

**Item 2.1:**

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

**Condition 3: Applications for permit renewals, modifications and transfers**

**Applicable State Requirement: 6 NYCRR 621.11**

**Item 3.1:**

The permittee must submit a separate written application to the Department for renewal, modification or transfer of this permit. Such application must include any forms or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing.

**Item 3.2:**

The permittee must submit a renewal application at least 180 days before expiration of permits for Title V Facility Permits, or at least 30 days before expiration of permits for State Facility Permits.

**Item 3.3:**

Permits are transferrable with the approval of the department unless specifically prohibited by the statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual transfer of ownership.



**Applicable State Requirement: 6 NYCRR 621.13**

**Item 4.1:**

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

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

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

**Condition 5: Submission of application for permit modification or renewal-REGION 6 HEADQUARTERS**

**Applicable State Requirement: 6 NYCRR 621.6 (a)**

**Item 5.1:**

Submission of applications for permit modification or renewal are to be submitted to:  
NYSDEC Regional Permit Administrator  
Region 6 Headquarters  
Division of Environmental Permits  
State Office Building, 317 Washington Street  
Watertown, NY 13601-3787  
(315) 785-2245

**New York State Department of Environmental Conservation**

Permit ID: 6-3013-00183/00007

Facility DEC ID: 6301300183



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

**ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY  
PERMIT**

**IDENTIFICATION INFORMATION**

Permit Issued To: GUSC ENERGY INC  
410 PHOENIX DR  
ROME, NY 13441

Facility: GRIFFISS CENTRAL HEAT PLANT  
655 ELLSWORTH RD  
ROME, NY 13441

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

Permit Effective Date: 05/16/2012  
date.

Permit Expiration Date: No expiration  
date.



## LIST OF CONDITIONS

### FEDERALLY ENFORCEABLE CONDITIONS

#### Facility Level

- 1 6 NYCRR Subpart 201-7: Facility Permissible Emissions
- \*2 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*3 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*4 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 5 6 NYCRR 211.1: Air pollution prohibited
- 6 6 NYCRR 227-1.3 (a): Compliance Demonstration
- 7 40CFR 63, Subpart JJJJJJ: Applicability
- 8 40CFR 63.11194(a), Subpart JJJJJJ: Affected source
- 9 40CFR 63.11196(a)(1), Subpart JJJJJJ: Compliance date for management practices
- 10 40CFR 63.11196(a)(2), Subpart JJJJJJ: Compliance date for emission limits
- 11 40CFR 63.11196(a)(3), Subpart JJJJJJ: Compliance date for energy assessment
- 12 40CFR 63.11201(b), Subpart JJJJJJ: Compliance Demonstration
- 13 40CFR 63.11201(b), Subpart JJJJJJ: Compliance Demonstration
- 14 40CFR 63.11201(b), Subpart JJJJJJ: Compliance Demonstration
- 15 40CFR 63.11201(c), Subpart JJJJJJ: Compliance Demonstration
- 16 40CFR 63.11205(a), Subpart JJJJJJ: Good air pollution control practices
- 17 40CFR 63.11205(c), Subpart JJJJJJ: Compliance Demonstration
- 18 40CFR 63.11210(a), Subpart JJJJJJ: Initial compliance options
- 19 40CFR 63.11210(c), Subpart JJJJJJ: Initial compliance with management practices for existing sources
- 20 40CFR 63.11211(b)(2), Subpart JJJJJJ: Establish electrostatic precipitator operating limits
- 21 40CFR 63.11221(b), Subpart JJJJJJ: Compliance Demonstration
- 22 40CFR 63.11222(a), Subpart JJJJJJ: Compliance Demonstration
- 23 40CFR 63.11222(a)(2), Subpart JJJJJJ: Compliance Demonstration
- 24 40CFR 63.11225(a), Subpart JJJJJJ: Notifications
- 25 40CFR 63.11225(b), Subpart JJJJJJ: Compliance Demonstration
- 26 40CFR 63.11225(c), Subpart JJJJJJ: Compliance Demonstration
- 27 40CFR 63.11225(d), Subpart JJJJJJ: Form of records
- 28 40CFR 63.11226(a), Subpart JJJJJJ: Affirmative defense
- 29 40CFR 63.11226(b), Subpart JJJJJJ: Malfunction
- 30 40CFR 63.11235, Subpart JJJJJJ: General provisions

#### Emission Unit Level

##### EU=U-0029A

- 31 40CFR 63.11194(b), Subpart JJJJJJ: Existing source
- 32 40CFR 63.11214(c), Subpart JJJJJJ: Compliance Demonstration
- 33 40CFR 63.11223(a), Subpart JJJJJJ: Compliance Demonstration

##### EU=U-0029A,Proc=GAS

- \*34 6 NYCRR Subpart 201-7: Capping Monitoring Condition

##### EU=U-0029A,Proc=OIL



- \*35 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 36 6 NYCRR 225-1.2 (a) (2): Compliance Demonstration
- 37 6 NYCRR 225-1.8 (a): Compliance Demonstration
- 38 6 NYCRR 227.2 (b) (1): Compliance Demonstration

**EU=U-0029D**

- 39 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
- 40 40CFR 60.7(a)(1), NSPS Subpart A: Compliance Demonstration
- 41 40CFR 60.7(a)(3), NSPS Subpart A: Compliance Demonstration
- 42 40CFR 60.7(a)(6), NSPS Subpart A: Compliance Demonstration
- 43 40CFR 60.7(c), NSPS Subpart A: Compliance Demonstration
- 44 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
- 45 40CFR 60.7(g), NSPS Subpart A: Notification Similar to State or  
Local Agency
- 46 40CFR 60.9, NSPS Subpart A: Availability of information.
- 47 40CFR 60.11(c), NSPS Subpart A: Opacity Standard During Periods of  
Startup, Shutdown or Malfunction
- 48 40CFR 60.11(d), NSPS Subpart A: Compliance with Standards and  
Maintenance Requirements
- 49 40CFR 60.11(e)(1), NSPS Subpart A: Compliance Demonstration
- 50 40CFR 60.11(g), NSPS Subpart A: Use of Credible Evidence
- 51 40CFR 60.12, NSPS Subpart A: Circumvention.
- 52 40CFR 60.40c, NSPS Subpart Dc: Applicability of this Subpart to this  
emission source
- 53 40CFR 60.43c(b)(1), NSPS Subpart Dc: Compliance Demonstration
- 54 40CFR 60.48c(i), NSPS Subpart Dc: Compliance Demonstration
- 55 40CFR 63.11194(c), Subpart JJJJJJ: New source
- 56 40CFR 63.11196(c), Subpart JJJJJJ: Compliance date for new sources
- 57 40CFR 63.11210(d), Subpart JJJJJJ: Initial compliance for new sources
- 58 40CFR 63.11212, Subpart JJJJJJ: Compliance Demonstration
- 59 40CFR 63.11220(a), Subpart JJJJJJ: Compliance Demonstration
- 60 40CFR 63.11222(b), Subpart JJJJJJ: Compliance Demonstration

**EU=U-0029D,Proc=WDD**

- 61 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 62 40CFR 60.8(a), NSPS Subpart A: Performance testing timeline.
- 63 40CFR 60.8(b), NSPS Subpart A: Performance test methods.
- 64 40CFR 60.8(c), NSPS Subpart A: Required performance test information.
- 65 40CFR 60.8(d), NSPS Subpart A: Prior notice.
- 66 40CFR 60.8(e), NSPS Subpart A: Performance testing facilities.
- 67 40CFR 60.8(f), NSPS Subpart A: Number of required tests.
- 68 40CFR 60.11, NSPS Subpart A: Opacity standard compliance testing.
- 69 40CFR 60.43c(d), NSPS Subpart Dc: Enforceability of particulate  
matter and opacity standards.
- 70 40CFR 60.45c, NSPS Subpart Dc: Compliance methods for particulate  
matter.
- 71 40CFR 60.45c(a), NSPS Subpart Dc: Compliance Demonstration
- 72 40CFR 60.47c, NSPS Subpart Dc: Compliance Demonstration
- 73 40CFR 60.48c(a), NSPS Subpart Dc: Compliance Demonstration
- 74 40CFR 60.48c(c), NSPS Subpart Dc: Compliance Demonstration
- 75 40CFR 60.48c(g)(2), NSPS Subpart Dc: Alternative recordkeeping
- 76 40CFR 63.11201(a), Subpart JJJJJJ: Compliance Demonstration



**EU=U-0029D,Proc=WDD,ES=029D1**

- \*77 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*78 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*79 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 80 40CFR 60.43c(c), NSPS Subpart Dc: Compliance Demonstration
- 81 40CFR 63.11224(e), Subpart JJJJJ: Compliance Demonstration

**EU=U-0029D,Proc=WDD,ES=029D3**

- 82 6 NYCRR 212.4 (c): Compliance Demonstration
- 83 6 NYCRR 212.6 (a): Compliance Demonstration

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 84 ECL 19-0301: Contaminant List
- 85 6 NYCRR 201-1.4: Unavoidable noncompliance and violations
- 86 6 NYCRR Subpart 201-5: Emission Unit Definition
- 87 6 NYCRR 211.2: Visible Emissions Limited

**Emission Unit Level**

- 88 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
- 89 6 NYCRR Subpart 201-5: Process Definition By Emission Unit

NOTE: \* preceding the condition number indicates capping.



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

**NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**

**This section contains terms and conditions which are federally enforceable. Permittees may also have other obligations under regulations of general applicability**

**Item A: Sealing - 6 NYCRR 200.5**

The Commissioner may seal an air contamination source to prevent its operation if compliance with 6 NYCRR Chapter III is not met within the time provided by an order of the Commissioner issued in the case of the violation.

Sealing means labeling or tagging a source to notify any person that operation of the source is prohibited, and also includes physical means of preventing the operation of an air contamination source without resulting in destruction of any equipment associated with such source, and includes, but is not limited to, bolting, chaining or wiring shut control panels, apertures or conduits associated with such source.

No person shall operate any air contamination source sealed by the Commissioner in accordance with this section unless a modification has been made which enables such source to comply with all requirements applicable to such modification.

Unless authorized by the Commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section.

**Item B: Acceptable Ambient Air Quality - 6 NYCRR 200.6**

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

**Item C: Maintenance of Equipment - 6 NYCRR 200.7**

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



required to operate such device effectively.

**Item D: Unpermitted Emission Sources - 6 NYCRR 201-1.2**

If an existing emission source was subject to the permitting requirements of 6 NYCRR Part 201 at the time of construction or modification, and the owner and/or operator failed to apply for a permit for such emission source then the following provisions apply:

- (a) The owner and/or operator must apply for a permit for such emission source or register the facility in accordance with the provisions of Part 201.
- (b) The emission source or facility is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing sources or facilities.

**Item E: 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 F: Recycling and Salvage - 6 NYCRR 201-1.7**

Where practical, any person who owns or operates an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of 6 NYCRR.

**Item G: Prohibition of Reintroduction of Collected Contaminants to the Air - 6 NYCRR 201-1.8**

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

**Item H: Proof of Eligibility for Sources Defined as Exempt Activities - 6 NYCRR 201-3.2 (a)**

The owner and/or operator of an emission source or unit that is eligible to be exempt, may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source 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 which contains emission sources or units subject to 6 NYCRR Subpart 201-3, 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.

**Item I: Proof of Eligibility for Sources Defined as Trivial Activities - 6 NYCRR 201-3.3 (a)**

The owner and/or operator of an emission source or unit that is listed as being trivial in 6 NYCRR Part 201 may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source 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 which contains emission sources or units subject to 6 NYCRR Subpart 201-3, 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.

**Item J: Required Emission Tests - 6 NYCRR 202-1.1**



An acceptable report of measured emissions shall be submitted, as may be required by the Commissioner, to ascertain compliance or noncompliance with any air pollution code, rule, or regulation. Failure to submit a report acceptable to the Commissioner within the time stated shall be sufficient reason for the Commissioner to suspend or deny an operating permit. Notification and acceptable procedures are specified in 6 NYCRR Subpart 202-1.

**Item K: Open Fires Prohibitions - 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.

**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 applicable requirements as being enforceable under only state regulations.

**FEDERAL APPLICABLE REQUIREMENTS**  
**The following conditions are federally enforceable.**

**Condition 1: Facility Permissible Emissions**



**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 1.1:**

The sum of emissions from the emission units specified in this permit shall not equal or exceed the following

Potential To Emit (PTE) rate for each regulated contaminant:

CAS No: 000124-38-9 Name: CARBON DIOXIDE	PTE: 198,000,000 pounds per year
CAS No: 000630-08-0 Name: CARBON MONOXIDE	PTE: 198,000 pounds per year
CAS No: 0NY210-00-0 Name: OXIDES OF NITROGEN	PTE: 198,000 pounds per year

**Condition 2: Capping Monitoring Condition**

**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 2.1:**

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR 201-6.1 (a)

**Item 2.2:**

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

**Item 2.3:**

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.

**Item 2.4:**

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

**Item 2.5:**

**New York State Department of Environmental Conservation**

Permit ID: 6-3013-00183/00007

Facility DEC ID: 6301300183



The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

**Item 2.6:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 2.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Facility CO emissions are limited to 99.0 tons per year.  
GUSC must submit an approvable spreadsheet to the Department demonstrating compliance.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: FUEL

Upper Permit Limit: 99.0 tons per year

Reference Test Method: EPA Method 10

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2012.

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

**Condition 3: Capping Monitoring Condition**

**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 3.1:**

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR 201-6.1 (a)

**Item 3.2:**

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

**Item 3.3:**

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.

**New York State Department of Environmental Conservation**

Permit ID: 6-3013-00183/00007

Facility DEC ID: 6301300183



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.

**Item 3.4:**

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

**Item 3.5:**

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

**Item 3.6:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000124-38-9 CARBON DIOXIDE

**Item 3.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Facility Carbon Dioxide emissions are limited to 99,000 tons per year. GUSC must submit an approvable spreadsheet to the Department demonstrating compliance.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: FUEL

Upper Permit Limit: 99000 tons per year

Reference Test Method: EPA Method 3

Monitoring Frequency: MONTHLY

Averaging Method: 12-month total, rolled monthly

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2012.

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

**Condition 4: Capping Monitoring Condition**

**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 4.1:**

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the

**New York State Department of Environmental Conservation**

Permit ID: 6-3013-00183/00007

Facility DEC ID: 6301300183



purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR 201-6.1 (a)

**Item 4.2:**

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

**Item 4.3:**

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.

**Item 4.4:**

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

**Item 4.5:**

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

**Item 4.6:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

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

**Item 4.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Facility NOx emissions are limited to 99.0 tons per year.

GUSC must submit an approvable spreadsheet to the Department demonstrating compliance.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: FUEL

Upper Permit Limit: 99.0 tons per year

Reference Test Method: EPA Method 7

Monitoring Frequency: MONTHLY

**New York State Department of Environmental Conservation**

Permit ID: 6-3013-00183/00007

Facility DEC ID: 6301300183



Averaging Method: 12-month total, rolled monthly  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 7/30/2012.  
Subsequent reports are due every 6 calendar month(s).

**Condition 5: Air pollution prohibited**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement:6 NYCRR 211.1**

**Item 5.1:**

No person shall cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity, characteristic or duration which are injurious to human, plant or animal life or to property, or which unreasonably interfere with the comfortable enjoyment of life or property. Notwithstanding the existence of specific air quality standards or emission limits, this prohibition applies, but is not limited to, any particulate, fume, gas, mist, odor, smoke, vapor, pollen, toxic or deleterious emission, either alone or in combination with others.

**Condition 6: Compliance Demonstration**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

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

**Item 6.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 6.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No person shall operate a stationary combustion installation which exhibits greater than 20 percent opacity (six minute average), except for one 6 minute period per hour of not more than 27 percent opacity. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

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

The permittee shall investigate the cause, make any necessary corrections, and verify that the excess visible

New York State Department of Environmental Conservation

Permit ID: 6-3013-00183/00007

Facility DEC ID: 6301300183



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

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

Parameter Monitored: OPACITY  
Upper Permit Limit: 20 percent  
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)  
Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2013.  
Subsequent reports are due every 12 calendar month(s).

**Condition 7: Applicability**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

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

**Item 7.1:**  
Facilities that are area sources of HAP with industrial, commercial, or institutional boilers must comply with applicable portions of 40 CFR 63 JJJJJJ.

**Condition 8: Affected source**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 63.11194(a), Subpart JJJJJJ**

**Item 8.1:**  
The affected source is the collection of all existing industrial, commercial, and institutional boilers within a subcategory (coal, biomass, oil) and each new or reconstructed industrial, commercial, or institutional boiler.

**Condition 9: Compliance date for management practices**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 63.11196(a)(1), Subpart JJJJJJ**



**Item 9.1:**

The owner or operator of an existing affected boiler that is subject to a work practice or management practice standard of a tune-up must achieve compliance with the work practice or management standard no later than March 21, 2012.

**Condition 10: Compliance date for emission limits**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 63.11196(a)(2), Subpart JJJJJJ**

**Item 10.1:**

This Condition applies to:

Emission Unit: U0029D  
Process: WDD

**Item 10.2:**

The owner or operator of an existing affected boiler that is subject to emission limits must achieve compliance with the emission limits no later than March 21, 2014.

**Condition 11: Compliance date for energy assessment**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 63.11196(a)(3), Subpart JJJJJJ**

**Item 11.1:**

This Condition applies to:

Emission Unit: U0029A

**Item 11.2:**

The owner or operator of an existing affected boiler that is subject to the energy assessment requirement must achieve compliance with the energy assessment requirement no later than March 21, 2014.

**Condition 12: Compliance Demonstration**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 63.11201(b), Subpart JJJJJJ**

**Item 12.1:**

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

Emission Unit: U-0029A

**Item 12.2:**



Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of existing coal, biomass, or oil fired boilers must have a one-time energy assessment performed by a qualified energy assessor. An energy assessment completed on or after January 1, 2008, that meets or is amended to meet the energy assessment requirements in this table satisfies the energy assessment requirement.

The energy assessment must include:

- (1) A visual inspection of the boiler system,
- (2) An evaluation of operating characteristics of the facility, specifications of energy using systems, operating and maintenance procedures, and unusual operating constraints,
- (3) Inventory of major systems consuming energy from affected boiler(s),
- (4) A review of available architectural and engineering plans, facility operation and maintenance procedures and logs, and fuel usage,
- (5) A list of major energy conservation measures,
- (6) A list of the energy savings potential of the energy conservation measures identified,
- (7) A comprehensive report detailing the ways to improve efficiency, the cost of specific improvements, benefits, and the time frame for recouping those investments.

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2012.

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

**Condition 13: Compliance Demonstration**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 63.11201(b), Subpart JJJJJJ**

**Item 13.1:**

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:



Emission Unit: U-0029D

**Item 13.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an existing or new coal, new biomass and new oil boiler (units with heat input capacity of 10 mmBtu/hr or greater) must minimize the boiler's startup and shutdown periods following the manufacturer's recommended procedures. If manufacturer's recommended procedures are not available, the owner or operator must follow recommended procedures for a unit of similar design for which manufacturer's recommended procedures are available.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 14: Compliance Demonstration**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 63.11201(b), Subpart JJJJJ**

**Item 14.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 14.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a new or existing coal-fired boiler greater than 10 mmBtu and new and existing biomass-fired and oil-fired boilers must conduct a tune-up of the boiler biennially according to the following procedures.

- (1) As applicable, inspect the burner, and clean or replace any components of the burner as necessary (the owner or operator may delay the burner inspection until the next scheduled unit shutdown, but must inspect each burner at least once every 36 months).
- (2) Inspect the flame pattern, as applicable, and adjust the burner as necessary to optimize the flame pattern. The adjustment should be consistent with the manufacturer's specifications, if available.
- (3) Inspect the system controlling the air-to-fuel ratio,



as applicable, and ensure that it is correctly calibrated and functioning properly.

(4) Optimize total emissions of carbon monoxide. This optimization should be consistent with the manufacturer's specifications, if available.

(5) Measure the concentrations in the effluent stream of carbon monoxide in parts per million, by volume, and oxygen in volume percent, before and after the adjustments are made (measurements may be either on a dry or wet basis, as long as it is the same basis before and after the adjustments are made).

(6) Maintain onsite and submit biennial report containing the information in paragraphs (i) through (iii).

(i) The concentrations of CO in the effluent stream in parts per million, by volume, and oxygen in volume percent, measured before and after the tune-up of the boiler.

(ii) A description of any corrective actions taken as a part of the tune-up of the boiler.

(iii) The type and amount of fuel used over the 12 months prior to the biennial tune-up of the boiler.

(7) If the unit is not operating on the required date for a tune-up, the tune-up must be conducted within one week of startup.

Monitoring Frequency: EVERY TWO YEARS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2012.

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

**Condition 15: Compliance Demonstration**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 63.11201(c), Subpart JJJJJ**

**Item 15.1:**

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: U-0029D

**Item 15.2:**

Compliance Demonstration shall include the following monitoring:

**New York State Department of Environmental Conservation**

Permit ID: 6-3013-00183/00007

Facility DEC ID: 6301300183



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

Monitoring Description:

The owner or operator of an industrial, commercial, or institutional boiler using an electrostatic precipitator must maintain an opacity limit.

The opacity must be limited to less than or equal to 10 percent opacity as a daily block average.

The owner must continuously demonstrate compliance as per 40 CFR 63.11222.

The owner or operator must monitor, collect data and maintain records as per 40 CFR 63.11221 and 40 CFR 63.11225.

Parameter Monitored: OPACITY

Upper Permit Limit: 10 percent

Monitoring Frequency: CONTINUOUS

Averaging Method: 24 HOUR DAILY BLOCK (ARITHMETIC  
AVERAGE)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2012.

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

**Condition 16: Good air pollution control practices**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 63.11205(a), Subpart JJJJJ**

**Item 16.1:**

At all times the owner or operator must operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not require any further efforts to reduce emissions if levels required by this standard have been achieved. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Administrator that may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.

**Condition 17: Compliance Demonstration**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 63.11205(c), Subpart JJJJJ**

**Item 17.1:**

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



Emission Unit: U-0029D  
Process: WDD

**Item 17.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

To demonstrate compliance with operating limits (including the use of continuous parameter monitoring system), with a CEMS, or with a COMS, the owner or operator must develop a site-specific monitoring plan according to the requirements in paragraphs (1) through (3) below for the use of any CEMS, COMS, or continuous parameter monitoring system. This requirement also applies if the owner or operator petitions the EPA Administrator for alternative monitoring parameters under 40 CFR 63.8(f).

(1) For each continuous monitoring system required in this section (including CEMS, COMS, or continuous parameter monitoring system), the owner or operator must develop, and submit to the delegated authority for approval upon request, a site-specific monitoring plan that addresses paragraphs (i) through (vi) below. If requested, this site-specific monitoring plan must be submitted at least 60 days before your initial performance evaluation of his/her CMS. This requirement to develop and submit a site specific monitoring plan does not apply to affected sources with existing monitoring plans that apply to CEMS and COMS prepared under Appendix B to 40 CFR Part 60 and which meet the requirements of 40 CFR 63.11224.

(i) Installation of the continuous monitoring system sampling probe or other interface at a measurement location relative to each affected process unit such that the measurement is representative of control of the exhaust emissions (e.g., on or downstream of the last control device);

(ii) Performance and equipment specifications for the sample interface, the pollutant concentration or parametric signal analyzer, and the data collection and reduction systems; and

(iii) Performance evaluation procedures and acceptance criteria (e.g., calibrations).

(iv) Ongoing operation and maintenance procedures in accordance with the general requirements of 40 CFR 63.8(c)(1)(ii), (c)(3), and (c)(4)(ii);



(v) Ongoing data quality assurance procedures in accordance with the general requirements of 40 CFR 63.8(d); and

(vi) Ongoing recordkeeping and reporting procedures in accordance with the general requirements of 40 CFR 63.10(c) (as applicable in Table 8 to subpart JJJJJ), (e)(1), and (e)(2)(i).

(2) The owner or operator must conduct a performance evaluation of each CMS in accordance with his/her site-specific monitoring plan.

(3) The owner or operator must operate and maintain the CMS in continuous operation according to the site-specific monitoring plan.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2012.

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

**Condition 18: Initial compliance options**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 63.11210(a), Subpart JJJJJ**

**Item 18.1:**

This Condition applies to:

Emission Unit: U0029D

**Item 18.2:**

The owner or operator must demonstrate initial compliance with each emission limit specified in Table 1 to subpart JJJJJ that applies by either conducting performance (stack) tests, as applicable, according to 40 CFR 63.11212 and Table 4 to subpart JJJJJ or, for mercury, conducting fuel analyses, as applicable, according to 40 CFR 63.11213 and Table 5 to subpart JJJJJ.

**Condition 19: Initial compliance with management practices for existing sources**

**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 63.11210(c), Subpart JJJJJ**

**Item 19.1:**

This Condition applies to:



Emission Unit: U0029A

**Item 19.2:**

For existing affected boilers that have applicable work practice standards, management practices, or emission reduction measures, the owner or operator must demonstrate initial compliance no later than the compliance date that is specified in 40 CFR 63.11196 and according to the applicable provisions in 40 CFR 63.7(a)(2).

**Condition 20: Establish electrostatic precipitator operating limits**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 63.11211(b)(2), Subpart JJJJJ**

**Item 20.1:**

This Condition applies to:

Emission Unit: U0029D  
Process: WDD

**Item 20.2:**

For an electrostatic precipitator operated with a wet scrubber, the owner or operator must establish the minimum voltage and secondary amperage (or total electric power input), as defined in 40 CFR 63.11237, as the operating limits during the three-run performance stack test. (These operating limits do not apply to electrostatic precipitators that are operated as dry controls without a wet scrubber.)

**Condition 21: Compliance Demonstration**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 63.11221(b), Subpart JJJJJ**

**Item 21.1:**

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

Emission Unit: U-0029D

**Item 21.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator must operate the monitoring system and collect data at all required intervals at all times the affected source is operating except for periods of monitoring system malfunctions or out-of-control periods, repairs associated with monitoring system malfunctions or out-of-control periods (see 40 CFR 63.8(c)(7)), and



required monitoring system quality assurance or quality control activities including, as applicable, calibration checks and required zero and span adjustments. A monitoring system malfunction is any sudden, infrequent, not reasonably preventable failure of the monitoring system to provide valid data. Monitoring system failures that are caused in part by poor maintenance or careless operation are not malfunctions. The owner or operator is required to effect monitoring system repairs in response to monitoring system malfunctions or out-of-control periods and to return the monitoring system to operation as expeditiously as practicable.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2012.

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

**Condition 22: Compliance Demonstration**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 63.11222(a), Subpart JJJJJ**

**Item 22.1:**

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: U-0029D

**Item 22.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

To demonstrate continuous compliance with an opacity limit, the owner or operator of an industrial, commercial, or institutional boiler must collect the opacity monitoring system data according to 40 CFR 63.11224(e) and 63.11221, reduce the opacity monitoring data to 6-minute averages, and maintain opacity to less than or equal to 10 percent as daily block average.

Parameter Monitored: OPACITY

Upper Permit Limit: 10 percent

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2012.

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



**Condition 23: Compliance Demonstration**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 63.11222(a)(2), Subpart JJJJJJ**

**Item 23.1:**

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

Emission Unit: U-0029D

**Item 23.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

An owner or operator that has an applicable mercury or PM emission limit must keep records of the type and amount of all fuels burned in each boiler during the reporting period to demonstrate that all fuel types and mixtures of fuels burned would result in lower emissions of mercury than the applicable emission limit (if he/she demonstrates compliance through fuel analysis), or result in lower fuel input of mercury than the maximum values calculated during the last performance stack test (if he/she demonstrates compliance through performance stack testing).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2012.

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

**Condition 24: Notifications**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 63.11225(a), Subpart JJJJJJ**

**Item 24.1:**

The owner or operator must submit the notifications specified in paragraphs (1) through (5) to the delegated authority.

(1) The owner or operator must submit all of the notifications in 40 CFR 63.7(b): 63.8(e) and (f); 63.9(b) through (e); and 63.9(g) and (h) that apply by the dates specified in those sections.

(2) As specified in 40 CFR 63.9(b)(2), the owner or operator must submit the Initial Notification no later than 120 calendar days after May 20, 2011 or within 120 days after the source becomes subject to the standard.



(3) If the owner or operator is required to conduct a performance stack test he/she must submit a Notification of Intent to conduct a performance test at least 60 days before the performance stack test is scheduled to begin.

(4) The owner or operator must submit the Notification of Compliance Status in accordance with 40 CFR 63.9(h) no later than 120 days after the applicable compliance date specified in 40 CFR 63.11196 unless he/she must conduct a performance stack test. If the owner or operator must conduct a performance stack test, he/she must submit the Notification of Compliance Status within 60 days of completing the performance stack test. In addition to the information required in 40 CFR 63.9(h)(2), the notification must include the following certification(s) of compliance, as applicable, and signed by a responsible official:

(i) "This facility complies with the requirements in § 63.11214 to conduct an initial tune-up of the boiler."

(ii) "This facility has had an energy assessment performed according to § 63.11214(c)."

(iii) For an owner or operator that installs bag leak detection systems: "This facility has prepared a bag leak detection system monitoring plan in accordance with § 63.11224 and will operate each bag leak detection system according to the plan."

(iv) For units that do not qualify for a statutory exemption as provided in section 129(g)(1) of the Clean Air Act: "No secondary materials that are solid waste were combusted in any affected unit."

(5) If the owner or operator is using data from a previously conducted emission test to serve as documentation of conformance with the emission standards and operating limits of this subpart consistent with 40 CFR 63.7(e)(2)(iv), he/she must submit the test data in lieu of the initial performance test results with the Notification of Compliance Status required under paragraph (4).

**Condition 25: Compliance Demonstration**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 63.11225(b), Subpart JJJJJ**

**Item 25.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 25.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator must prepare, by March 1 of each year, and submit to the delegated authority upon request, an annual compliance certification report for the previous calendar year containing the information specified in paragraphs (1) through (4). The owner or operator must submit the report by March 15 if he/she had any instance described by paragraph (3). For boilers that are subject only to a requirement to conduct a biennial tune-up



according to 40 CFR 63.11223(a) and not subject to emission limits or operating limits, the owner or operator may prepare only a biennial compliance report as specified in paragraphs (1) through (4), instead of a semi-annual compliance report.

(1) Company name and address.

(2) Statement by a responsible official, with the official's name, title, phone number, e-mail address, and signature, certifying the truth, accuracy and completeness of the notification and a statement of whether the source has complied with all the relevant standards and other requirements of this subpart.

(3) If the source experiences any deviations from the applicable requirements during the reporting period, include a description of deviations, the time periods during which the deviations occurred, and the corrective actions taken.

(4) The total fuel use by each affected boiler subject to an emission limit, for each calendar month within the reporting period, including, but not limited to, a description of the fuel, whether the fuel has received a non-waste determination by the owner or operator or EPA through a petition process to be a non-waste under 40 CFR 241.3(c), whether the fuel(s) were processed from discarded non-hazardous secondary materials within the meaning of 40 CFR 241.3, and the total fuel usage amount with units of measure.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2013.

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

**Condition 26: Compliance Demonstration**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 63.11225(c), Subpart JJJJJ**

**Item 26.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 26.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:



The owner or operator must maintain the records specified in paragraphs (1) through (5).

(1) As required in 40 CFR 63.10(b)(2)(xiv), the owner or operator must keep a copy of each notification and report that he/she submitted to comply with this subpart and all documentation supporting any Initial Notification or Notification of Compliance Status that he/she submitted.

(2) The owner or operator must keep records to document conformance with the work practices, emission reduction measures, and management practices required by 40 CFR 63.11214 as specified in paragraphs (i) and (ii).

(i) Records must identify each boiler, the date of tune-up, the procedures followed for tune-up, and the manufacturer's specifications to which the boiler was tuned.

(ii) Records documenting the fuel type(s) used monthly by each boiler, including, but not limited to, a description of the fuel, including whether the fuel has received a non-waste determination by the owner or operator or EPA, and the total fuel usage amount with units of measure. If the owner or operator combusts non-hazardous secondary materials that have been determined not to be solid waste pursuant to 40 CFR 241.3(b)(1), he/she must keep a record which documents how the secondary material meets each of the legitimacy criteria. If the owner or operator combusts a fuel that has been processed from a discarded non-hazardous secondary material pursuant to 40 CFR 241.3(b)(4), he/she must keep records as to how the operations that produced the fuel satisfies the definition of processing in 40 CFR 241.2. If the fuel received a non-waste determination pursuant to the petition process submitted under 40 CFR 241.3(c), the owner or operator must keep a record that documents how the fuel satisfies the requirements of the petition process.

(3) For sources that demonstrate compliance through fuel analysis, a copy of all calculations and supporting documentation that were done to demonstrate compliance with the mercury emission limits. Supporting documentation should include results of any fuel analyses. The owner or operator can use the results from one fuel analysis for multiple boilers provided they are all burning the same fuel type.

(4) Records of the occurrence and duration of each malfunction of the boiler, or of the associated air pollution control and monitoring equipment.



(5) Records of actions taken during periods of malfunction to minimize emissions in accordance with the general duty to minimize emissions in 40 CFR 63.11205(a), including corrective actions to restore the malfunctioning boiler, air pollution control, or monitoring equipment to its normal or usual manner of operation.

(6) The owner or operator must keep the records of all inspection and monitoring data required by 40 CFR 63.11221 and 63.11222, and the information identified in paragraphs (i) through (vi) for each required inspection or monitoring.

(i) The date, place, and time of the monitoring event.

(ii) Person conducting the monitoring.

(iii) Technique or method used.

(iv) Operating conditions during the activity.

(v) Results, including the date, time, and duration of the period from the time the monitoring indicated a problem to the time that monitoring indicated proper operation.

(vi) Maintenance or corrective action taken (if applicable).

(7) An owner or operator that uses a bag leak detection system must keep the records specified in paragraphs (i) through (iii).

(i) Records of the bag leak detection system output.

(ii) Records of bag leak detection system adjustments, including the date and time of the adjustment, the initial bag leak detection system settings, and the final bag leak detection system settings.

(iii) The date and time of all bag leak detection system alarms, and for each valid alarm, the time you initiated corrective action, the corrective action taken, and the date on which corrective action was completed.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.



The initial report is due 7/30/2012.  
Subsequent reports are due every 6 calendar month(s).

**Condition 27: Form of records**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 63.11225(d), Subpart JJJJJJ**

**Item 27.1:**

Records must be in a form suitable and readily available for expeditious review, according to 40 CFR 63.10(b)(1). As specified in 40 CFR 63.10(b)(1), the owner or operator must keep each record for 5 years following the date of each recorded action. You must keep each record onsite for at least 2 years after the date of each recorded action according to 40 CFR 63.10(b)(1). The owner or operator may keep the records off site for the remaining 3 years.

**Condition 28: Affirmative defense**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 63.11226(a), Subpart JJJJJJ**

**Item 28.1:**

To establish the affirmative defense in any action to enforce such a limit, the owner or operator must timely meet the notification requirements in 40 CFR 63.11226(b), and must prove by a preponderance of evidence that:

(1) The excess emissions:

(i) Were caused by a sudden, infrequent, and unavoidable failure of air pollution control and monitoring equipment, process equipment, or a process to operate in a normal or usual manner, and

(ii) Could not have been prevented through careful planning, proper design or better operation and maintenance practices; and

(iii) Did not stem from any activity or event that could have been foreseen and avoided, or planned for; and

(iv) Were not part of a recurring pattern indicative of inadequate design, operation, or maintenance; and

(2) Repairs were made as expeditiously as possible when the applicable emission limitations were being exceeded. Off-shift and overtime labor were used, to the extent practicable to make these repairs; and

(3) The frequency, amount and duration of the excess emissions (including any bypass) were minimized to the maximum extent practicable during periods of such emissions; and

(4) If the excess emissions resulted from a bypass of control equipment or a process, then the bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; and



(5) All possible steps were taken to minimize the impact of the excess emissions on ambient air quality, the environment and human health; and

(6) All emissions monitoring and control systems were kept in operation if at all possible, consistent with safety and good air pollution control practices; and

(7) All of the actions in response to the excess emissions were documented by properly signed, contemporaneous operating logs; and

(8) At all times, the facility was operated in a manner consistent with good practices for minimizing emissions; and

(9) A written root cause analysis has been prepared, the purpose of which is to determine, correct, and eliminate the primary causes of the malfunction and the excess emissions resulting from the malfunction event at issue. The analysis shall also specify, using best monitoring methods and engineering judgment, the amount of excess emissions that were the result of the malfunction.

**Condition 29: Malfunction**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 63.11226(b), Subpart JJJJJJ**

**Item 29.1:**

The owner or operator of the facility experiencing an exceedance of its emission limit(s) during a malfunction shall notify the Administrator by telephone or facsimile (FAX) transmission as soon as possible, but no later than two business days after the initial occurrence of the malfunction, if it wishes to avail itself of an affirmative defense to civil penalties for that malfunction. The owner or operator seeking to assert an affirmative defense shall also submit a written report to the Administrator within 45 days of the initial occurrence of the exceedance of the standard in 40 CFR 63.11201 to demonstrate, with all necessary supporting documentation, that it has met the requirements set forth in 40 CFR 63.11226(a). The owner or operator may seek an extension of this deadline for up to 30 additional days by submitting a written request to the Administrator before the expiration of the 45 day period. Until a request for an extension has been approved by the Administrator, the owner or operator is subject to the requirement to submit such report within 45 days of the initial occurrence of the exceedance.

**Condition 30: General provisions**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 63.11235, Subpart JJJJJJ**

**Item 30.1:**

Table 8 to subpart JJJJJJ shows which parts of the General Provisions in 40 CFR 63.1 through 63.15 apply to the facility. The owner or operator is responsible for ensuring they comply with all General Provisions contained in Table 8.

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

**New York State Department of Environmental Conservation**

Permit ID: 6-3013-00183/00007

Facility DEC ID: 6301300183



**Condition 31: Existing source**  
Effective between the dates of 05/16/2012 and Permit Expiration Date

**Applicable Federal Requirement:40CFR 63.11194(b), Subpart JJJJJJ**

**Item 31.1:**

This Condition applies to Emission Unit: U-0029A

**Item 31.2:**

An affected source is an existing source if the owner or operator commenced construction or reconstruction of the affected source on or before June 4, 2010.

**Condition 32: Compliance Demonstration**  
Effective between the dates of 05/16/2012 and Permit Expiration Date

**Applicable Federal Requirement:40CFR 63.11214(c), Subpart JJJJJJ**

**Item 32.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-0029A

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

**Item 32.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If you own or operate an existing affected boiler with a heat input capacity of 10 million Btu per hour or greater, you must submit a signed certification in the Notification of Compliance Status report that an energy assessment of the boiler and its energy use systems was completed and submit, upon request, the energy assessment report.

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 33: Compliance Demonstration**  
Effective between the dates of 05/16/2012 and Permit Expiration Date

**Applicable Federal Requirement:40CFR 63.11223(a), Subpart JJJJJJ**

**Item 33.1:**

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

New York State Department of Environmental Conservation

Permit ID: 6-3013-00183/00007

Facility DEC ID: 6301300183



Emission Unit: U-0029D

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

**Item 33.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For affected sources subject to the work practice standard or the management practices of a tune-up, you must conduct a biennial performance tune-up according to §63.11223(b) and keep records as required in §63.11225(c) to demonstrate continuous compliance. Each biennial tune-up must be conducted no more than 25 months after the previous tune-up.

Monitoring Frequency: EVERY TWO YEARS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2012.

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

**Condition 34: Capping Monitoring Condition**

**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 34.1:**

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR 201-6.1

**Item 34.2:**

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

**Item 34.3:**

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.

**Item 34.4:**

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This

**New York State Department of Environmental Conservation**

Permit ID: 6-3013-00183/00007

Facility DEC ID: 6301300183



certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

**Item 34.5:**

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

**Item 34.6:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-0029A

Process: GAS

Regulated Contaminant(s):

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

**Item 34.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Gas usage for this emission unit is limited to 262 million standard cubic feet per year calculated on a monthly rolling basis.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: NATURAL GAS

Upper Permit Limit: 262 million cubic feet per year

Monitoring Frequency: MONTHLY

Averaging Method: 12 MONTH AVERAGE - ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2012.

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

**Condition 35: Capping Monitoring Condition**

**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 35.1:**

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR 201-6.1 (a)

**New York State Department of Environmental Conservation**

Permit ID: 6-3013-00183/00007

Facility DEC ID: 6301300183



**Item 35.2:**

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

**Item 35.3:**

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.

**Item 35.4:**

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

**Item 35.5:**

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

**Item 35.6:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-0029A

Process: OIL

Regulated Contaminant(s):

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

**Item 35.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Distillate oil usage for this emission unit is limited to 2.62 million gallons per year calculated on a monthly rolling basis.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Upper Permit Limit: 2620000 gallons per year

Monitoring Frequency: MONTHLY

Averaging Method: 12 MONTH AVERAGE - ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2013.

New York State Department of Environmental Conservation

Permit ID: 6-3013-00183/00007

Facility DEC ID: 6301300183



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

**Condition 36: Compliance Demonstration**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement:6 NYCRR 225-1.2 (a) (2)**

**Item 36.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-0029A

Process: OIL

**Item 36.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

No person shall use, purchase, sell, or offer for sale any distillate fuel oil which has a sulfur content greater than the limit presented below. A log of the sulfur content in oil per delivery must be maintained on site for a minimum of five years after the date of the last entry.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.5 percent by weight

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2013.

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

**Condition 37: Compliance Demonstration**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement:6 NYCRR 225-1.8 (a)**

**Item 37.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-0029A

Process: OIL

**Item 37.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES



Monitoring Description:

The permittee shall retain fuel oil supplier certifications for each shipment of oil received. Such certifications shall contain, as a minimum: supplier name, date of shipment, quantity shipped, oil sulfur content, and the method used to determine the sulfur content. Such certifications shall be available for inspection by, or submittal to, NYSDEC upon request.

Monitoring Frequency: PER DELIVERY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2012.

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

**Condition 38: Compliance Demonstration**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

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

**Item 38.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-0029A

Process: OIL

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 38.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

At the monitoring frequency stated below the facility shall perform the following:

- 1) Submit to the Department an acceptable protocol for the testing of particulate emissions in a manner that will determine compliance with the limit cited in this condition.
- 2) Perform a stack test, based upon the approved test protocol, to determine compliance with the particulate emission limit cited in this condition.
- 3) Submit an acceptable stack test report that outlines the results obtained from the testing done to meet the

New York State Department of Environmental Conservation

Permit ID: 6-3013-00183/00007

Facility DEC ID: 6301300183



requirement of #2 above.

4) Facility shall keep records of all testing done at this stationary combustion installation for a period of 5 years.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.10 pounds per million Btus

Reference Test Method: EPA RM 5

Averaging Method: AVERAGING METHOD - SEE MONITORING

DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 39: EPA Region 2 address.  
Effective between the dates of 05/16/2012 and Permit Expiration Date**

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

**Item 39.1:**

This Condition applies to Emission Unit: U-0029D

**Item 39.2:**

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

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

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

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

**Condition 40: Compliance Demonstration  
Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 60.7(a)(1), NSPS Subpart A**

**Item 40.1:**

The Compliance Demonstration activity will be performed for:



Emission Unit: U-0029D

**Item 40.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Any owner or operator subject to the provisions of this part shall furnish the Administrator written notification or, if acceptable to both the Administrator and the owner or operator of a source, electronic notification, as follows:

A notification of the date construction (or reconstruction as defined under 40 CFR Part 60.15) of an affected facility is commenced postmarked no later than 30 days after such date. This requirement shall not apply in the case of mass-produced facilities which are purchased in completed form.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 41: Compliance Demonstration**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 60.7(a)(3), NSPS Subpart A**

**Item 41.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-0029D

**Item 41.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Any owner or operator subject to the provisions of this part shall furnish the Administrator written notification or, if acceptable to both the Administrator and the owner or operator of a source, electronic notification, as follows:

A notification of the actual date of initial startup of an affected facility postmarked within 15 days after such date.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE



**Condition 42: Compliance Demonstration**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 60.7(a)(6), NSPS Subpart A**

**Item 42.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-0029D

**Item 42.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Any owner or operator subject to the provisions of this part shall furnish the Administrator written notification or, if acceptable to both the Administrator and the owner or operator of a source, electronic notification, as follows:

A notification of the anticipated date for conducting the opacity observations required by 40 CFR Part 60.11(e)(1). The notification shall also include, if appropriate, a request for the Administrator to provide a visible emissions reader during a performance test. The notification shall be postmarked not less than 30 days prior to such date.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 43: Compliance Demonstration**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

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

**Item 43.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-0029D

**Item 43.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Affected owners or operators shall submit an excess emissions report semi-annually based on the calendar year (or more frequently as required by the applicable Subpart

New York State Department of Environmental Conservation

Permit ID: 6-3013-00183/00007

Facility DEC ID: 6301300183



or the Administrator), to the Administrator. These reports shall be postmarked no later than 30 calendar days following the end of the reporting period, and shall contain the following information:

- 1) the magnitude of excess emissions computed, any conversion factors used, the date and time of each occurrence, and the process operating time during the reporting period;
- 2) specific identification of each period of excess emissions that occur during startup, shutdown, or malfunction, where the nature, cause, and corrective action are provided for a malfunction;
- 3) the date and time identifying each period during which the continuous monitoring system was inoperative except for zero span checks and the nature of the system repairs or adjustments; and
- 4) when no excess emissions have occurred or when the continuous monitoring system(s) have not been inoperative, repaired, or adjusted, such information shall be provided in the report.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2012.

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

**Condition 44: Facility files for subject sources.  
Effective between the dates of 05/16/2012 and Permit Expiration Date**

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

**Item 44.1:**

This Condition applies to Emission Unit: U-0029D

**Item 44.2:**

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

**Condition 45: Notification Similar to State or Local Agency  
Effective between the dates of 05/16/2012 and Permit Expiration Date**



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

**Item 45.1:**

This Condition applies to Emission Unit: U-0029D

**Item 45.2:**

If notification substantially similar to that in 40 CFR Part 60.7(a) is required by any other State or local agency, sending the Administrator a copy of that notification will satisfy the requirements of 40 CFR Part 60.7(a).

**Condition 46: Availability of information.**  
Effective between the dates of 05/16/2012 and Permit Expiration Date

**Applicable Federal Requirement:40CFR 60.9, NSPS Subpart A**

**Item 46.1:**

This Condition applies to Emission Unit: U-0029D

**Item 46.2:**

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

**Condition 47: Opacity Standard During Periods of Startup, Shutdown or Malfunction**  
Effective between the dates of 05/16/2012 and Permit Expiration Date

**Applicable Federal Requirement:40CFR 60.11(c), NSPS Subpart A**

**Item 47.1:**

This Condition applies to Emission Unit: U-0029D

**Item 47.2:**

The opacity standards set forth in this part shall apply at all times except during periods of startup, shutdown, malfunction, and as otherwise provided in the applicable standard.

**Condition 48: Compliance with Standards and Maintenance Requirements**  
Effective between the dates of 05/16/2012 and Permit Expiration Date

**Applicable Federal Requirement:40CFR 60.11(d), NSPS Subpart A**

**Item 48.1:**

This Condition applies to Emission Unit: U-0029D

**Item 48.2:**

At all times, including periods of startup, shutdown, and malfunction, owners and operators of this facility shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Department and the Administrator which may include, but is not limited to, monitoring results, opacity



observations, review of operating and maintenance procedures, and inspection of the source

**Condition 49: Compliance Demonstration**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.11(e)(1), NSPS Subpart A**

**Item 49.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-0029D

**Item 49.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

For the purpose of demonstrating initial compliance, opacity observations shall be conducted concurrently with the initial performance test required in 40 CFR Part 60.8 unless one of the following conditions apply. If no performance test under 40 CFR Part 60.8 is required, then opacity observations shall be conducted within 60 days after achieving the maximum production rate at which the affected facility will be operated but no later than 180 days after initial startup of the facility. If visibility or other conditions prevent the opacity observations from being conducted concurrently with the initial performance test required under 40 CFR Part 60.8, the source owner or operator shall reschedule the opacity observations as soon after the initial performance test as possible, but not later than 30 days thereafter, and shall advise the Administrator of the rescheduled date. In these cases, the 30-day prior notification to the Administrator required in 40 CFR Part 60.7(a)(6) shall be waived. The rescheduled opacity observations shall be conducted (to the extent possible) under the same operating conditions that existed during the initial performance test conducted under 40 CFR Part 60.8. The visible emissions observer shall determine whether visibility or other conditions prevent the opacity observations from being made concurrently with the initial performance test in accordance with procedures contained in Method 9 of appendix B of this part. Opacity readings of portions of plumes which contain condensed, uncombined water vapor shall not be used for purposes of determining compliance with opacity standards. The owner or operator of an affected facility shall make available, upon request by the Administrator, such records as may be necessary to determine the conditions under which the visual observations were made and shall provide evidence indicating proof of current visible observer emission



certification. Except as provided in 40 CFR Part 60.11(e)(5), the results of continuous monitoring by transmissometer which indicate that the opacity at the time visual observations were made was not in excess of the standard are probative but not conclusive evidence of the actual opacity of an emission, provided that the source shall meet the burden of proving that the instrument used meets (at the time of the alleged violation) Performance Specification 1 in appendix B of this part, has been properly maintained and (at the time of the alleged violation) that the resulting data have not been altered in any way.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA RM 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 50: Use of Credible Evidence**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 60.11(g), NSPS Subpart A**

**Item 50.1:**

This Condition applies to Emission Unit: U-0029D

**Item 50.2:**

For the purpose of submitting compliance certifications or establishing whether or not a person has violated or is in violation of any standard in this part, nothing in this part shall preclude the use, including the exclusive use, of any credible evidence or information, relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed.

**Condition 51: Circumvention.**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 60.12, NSPS Subpart A**

**Item 51.1:**

This Condition applies to Emission Unit: U-0029D

**Item 51.2:**

No owner or operator subject to the provisions of this part shall build, erect, install, or use any article, machine, equipment or process, the use of which conceals an emission which would otherwise constitute a violation of an applicable standard. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance with an opacity standard or with a standard which is based on the concentration of a pollutant in the gases discharged to the atmosphere.



**New York State Department of Environmental Conservation**

Permit ID: 6-3013-00183/00007

Facility DEC ID: 6301300183



Emission Unit: U-0029D

**Item 54.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

All records required under this section shall be maintained by the owner or operator of the affected facility for a period of two years following the date of such record.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2012.

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

**Condition 55: New source**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 63.11194(c), Subpart JJJJJ**

**Item 55.1:**

This Condition applies to Emission Unit: U-0029D

**Item 55.2:**

An affected source is a new source if the owner or operator commenced construction or reconstruction of the affected source after June 4, 2010 and meets the applicability criteria at the time you commence construction.

**Condition 56: Compliance date for new sources**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 63.11196(c), Subpart JJJJJ**

**Item 56.1:**

This Condition applies to Emission Unit: U-0029D

**Item 56.2:**

The owner or operator of a new affected source that started up after May 20, 2011 must achieve compliance with the provisions of this subpart upon startup of your affected source.

**Condition 57: Initial compliance for new sources**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 63.11210(d), Subpart JJJJJ**

**Item 57.1:**

This Condition applies to Emission Unit: U-0029D



**Item 57.2:**

For new or reconstructed affected sources, the owner or operator must demonstrate initial compliance no later than 180 calendar days after March 21, 2011 or within 180 calendar days after startup of the source, whichever is later, according to 40 CFR 63.7(a)(2)(ix).

**Condition 58: Compliance Demonstration**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 63.11212, Subpart JJJJJ**

**Item 58.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-0029D

Regulated Contaminant(s):  
CAS No: 0NY100-00-0 HAP

**Item 58.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(a) All performance tests must be conducted according to 40 CFR 63.7(c), (d), (f), and (h). Site specific test plans must also be developed according to the requirements in 40 CFR 63.7(c).

(b) Each stack test must be conducted according to the requirements in Table 4 to Subpart JJJJJ.

(c) Performance stack tests must be conducted at the representative operating load conditions while burning the type of fuel or mixture of fuels that have the highest emissions potential for each regulated pollutant, and the test must demonstrate initial compliance and establish the operating limits based on these performance stack tests. For subcategories with more than one emission limit, these requirements could result in the need to conduct more than one performance stack test. Following each performance stack test and until the next performance stack test, the facility must comply with the operating limit for operating load conditions specified in Table 3 to Subpart JJJJJ.

(d) The facility must conduct a minimum of three separate test runs for each performance stack test required in this section, as specified in 40 CFR 63.7(e)(3) and in accordance with the provisions in Table 4 to Subpart JJJJJ.



(e) To determine compliance with the emission limits, the facility must use the F-Factor methodology and equations in sections 12.2 and 12.3 of EPA Method 19 of appendix A-7 to part 60 of this chapter to convert the measured particulate matter concentrations and the measured mercury concentrations that result from the initial performance test to pounds per million Btu heat input emission rates.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2012.

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

**Condition 59: Compliance Demonstration**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 63.11220(a), Subpart JJJJJ**

**Item 59.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-0029D

Regulated Contaminant(s):  
CAS No: 0NY100-00-0 HAP

**Item 59.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If the affected boiler has a heat input capacity of 10 million Btu per hour or greater, the facility must conduct all applicable performance (stack) tests according to §63.11212 on an triennial basis, unless the facility follows the requirements listed in paragraphs (b) through (d) of 40 CFR 63.11220. Triennial performance tests must be completed no more than 37 months after the previous performance test, unless the facility follows the requirements listed in paragraphs (b) through (d) of 40 CFR 63.11220.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 60: Compliance Demonstration**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 63.11222(b), Subpart JJJJJ**

**Item 60.1:**

The Compliance Demonstration activity will be performed for:

New York State Department of Environmental Conservation

Permit ID: 6-3013-00183/00007

Facility DEC ID: 6301300183



Emission Unit: U-0029D

Regulated Contaminant(s):  
CAS No: 0NY100-00-0 HAP

**Item 60.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility must report each instance in which it did not meet each emission limit and operating limit in Tables 1 and 3 of Subpart JJJJJ that apply to it. These instances are deviations from the emission limits in this subpart. These deviations must be reported according to the requirements in 40 CFR 63.11225.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2012.

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

**Condition 61: Recordkeeping requirements.**

**Effective between the dates of 05/16/2012 and Permit Expiration Date**

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

**Item 61.1:**

This Condition applies to Emission Unit: U-0029D  
Process: WDD

**Item 61.2:**

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

**Condition 62: Performance testing timeline.**

**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 60.8(a), NSPS Subpart A**

**Item 62.1:**

This Condition applies to Emission Unit: U-0029D  
Process: WDD

**Item 62.2:**

Within 60 days after achieving the maximum production rate, but not later than 180 days after initial startup of the facility, the owner or operator of the facility shall conduct performance testing and provide the results of such tests, in a written report, to the

New York State Department of Environmental Conservation

Permit ID: 6-3013-00183/00007

Facility DEC ID: 6301300183



Administrator.

**Condition 63: Performance test methods.**  
Effective between the dates of 05/16/2012 and Permit Expiration Date

**Applicable Federal Requirement:40CFR 60.8(b), NSPS Subpart A**

**Item 63.1:**

This Condition applies to Emission Unit: U-0029D  
Process: WDD

**Item 63.2:**

Performance testing shall be conducted in accordance with the methods and procedures prescribed in this part or by alternative methods and procedures approved by the Administrator.

**Condition 64: Required performance test information.**  
Effective between the dates of 05/16/2012 and Permit Expiration Date

**Applicable Federal Requirement:40CFR 60.8(c), NSPS Subpart A**

**Item 64.1:**

This Condition applies to Emission Unit: U-0029D  
Process: WDD

**Item 64.2:**

Performance tests shall be conducted under such conditions specified by the Administrator, based upon representative performance data supplied by the owner or operate of the facility.

**Condition 65: Prior notice.**  
Effective between the dates of 05/16/2012 and Permit Expiration Date

**Applicable Federal Requirement:40CFR 60.8(d), NSPS Subpart A**

**Item 65.1:**

This Condition applies to Emission Unit: U-0029D  
Process: WDD

**Item 65.2:**

The owner or operator shall provide the Administrator with prior notice of any performance test at least 30 days in advance of testing.

**Condition 66: Performance testing facilities.**  
Effective between the dates of 05/16/2012 and Permit Expiration Date

**Applicable Federal Requirement:40CFR 60.8(e), NSPS Subpart A**

**Item 66.1:**

This Condition applies to Emission Unit: U-0029D



Process: WDD

**Item 66.2:**

The following performance testing facilities shall be provided during all tests:

- 1) sampling ports adequate for tests methods applicable to such facility;
- 2) a safe sampling platform;
- 3) a safe access to the sampling platform; and
- 4) utilities for sampling and testing equipment.

**Condition 67: Number of required tests.**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 60.8(f), NSPS Subpart A**

**Item 67.1:**

This Condition applies to Emission Unit: U-0029D  
Process: WDD

**Item 67.2:**

Each performance test shall consist of three separate runs, at the specified duration required in the applicable test method. Compliance with all applicable standards shall be determined by using the arithmetic means of the results of the three runs.

**Condition 68: Opacity standard compliance testing.**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 60.11, NSPS Subpart A**

**Item 68.1:**

This Condition applies to Emission Unit: U-0029D  
Process: WDD

**Item 68.2:**

The following conditions shall be used to determine compliance with the opacity standards:

- 1) observations shall be conducted in accordance with Reference Method 9, in Appendix A or this Part 40 CFR 60(or an equivalent method approved by the Administrator including continuous opacity monitors);
- 2) the opacity standards apply at all times except during periods of start up, shutdown, and malfunction; and
- 3) all other applicable conditions cited in section 60.11 of this part.

**New York State Department of Environmental Conservation**

Permit ID: 6-3013-00183/00007

Facility DEC ID: 6301300183



**Condition 69: Enforceability of particulate matter and opacity standards.**

**Effective between the dates of 05/16/2012 and Permit Expiration Date**

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

**Item 69.1:**

This Condition applies to Emission Unit: U-0029D

Process: WDD

**Item 69.2:**

The particulate matter and opacity standards of section 40 CFR 60-Dc.43c apply at all times, except during periods of startup, shutdown, and malfunction.

**Condition 70: Compliance methods for particulate matter.**

**Effective between the dates of 05/16/2012 and Permit Expiration Date**

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

**Item 70.1:**

This Condition applies to Emission Unit: U-0029D

Process: WDD

**Item 70.2:**

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

**Condition 71: Compliance Demonstration**

**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 60.45c(a), NSPS Subpart Dc**

**Item 71.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-0029D

Process: WDD

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 71.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

initial performance test required by 40CFR60.8

New York State Department of Environmental Conservation

Permit ID: 6-3013-00183/00007

Facility DEC ID: 6301300183



Parameter Monitored: OPACITY  
Upper Permit Limit: 20 percent  
Monitoring Frequency: SINGLE OCCURRENCE  
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)  
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 72: Compliance Demonstration**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

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

**Item 72.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-0029D  
Process: WDD

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

**Item 72.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No owner or operator of an affected facility that combusts residual oil, coal or wood and has heat input capacity greater than 30 mmbtu/hr shall cause to be discharged into the atmosphere from that affected facility any gases that exhibit greater than 20 percent opacity averaging over 6-minutes, except for one 6-minute period per hour of not more than 27% opacity.

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

Parameter Monitored: OPACITY  
Upper Permit Limit: 27 percent  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 7/30/2012.  
Subsequent reports are due every 6 calendar month(s).

**Condition 73: Compliance Demonstration**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

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

**Item 73.1:**



The Compliance Demonstration activity will be performed for:

Emission Unit: U-0029D  
Process: WDD

**Item 73.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner and operator of each affected facility shall submit notification of the date of construction or reconstruction, anticipated startup, and actual startup, as provided by 40 CFR 60.7 of this part. This notification shall include:

- (1) The design heat input capacity of the affected facility and identification of fuels to be combusted in the affected facility.
- (2) If applicable, a copy of any Federally enforceable requirement that limits the annual capacity factor for any fuel or mixture of fuels under 40 CFR 60.42c., or 40 CFR 60.43c.
- (3) The annual capacity factor at which the owner or operator anticipates operating the affected facility based on all fuels fired and based on each individual fuel fired.

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 74: Compliance Demonstration**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

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

**Item 74.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-0029D  
Process: WDD

**Item 74.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each coal-fired, oil-fired, or wood-fired affected facility subject to the opacity limits under 40 CFR 60.43c(c) shall submit excess emission

**New York State Department of Environmental Conservation**

Permit ID: 6-3013-00183/00007

Facility DEC ID: 6301300183



reports for any excess emissions from the affected facility that occur during the reporting period.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2012.

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

**Condition 75: Alternative recordkeeping**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 60.48c(g)(2), NSPS Subpart Dc**

**Item 75.1:**

This Condition applies to Emission Unit: U-0029D

Process: WDD

**Item 75.2:** As an alternative to meeting the requirements of 40 CFR 60.48c(g)(1), the owner or operator of an affected facility that combusts only natural gas, wood, fuels using fuel certification in 40 CFR 60.48c(f) to demonstrate compliance with the SO<sub>2</sub> standard, fuels not subject to an emissions standard (excluding opacity), or a mixture of these fuels may elect to record and maintain records of the amount of each fuel combusted during each calendar month.

**Condition 76: Compliance Demonstration**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 63.11201(a), Subpart JJJJJ**

**Item 76.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-0029D

Process: WDD

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 76.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The owner or operator of a new industrial, commercial, or institutional biomass-fired boiler with heat input capacity of 30 million Btu per hour or greater, burns at least 15% biomass on an annual heat input basis, and is located at an area source of HAP emissions must limit the concentration of particulate matter emissions.



The concentration limit for particulate matter is 0.03 lb/mmBtu of heat input or less based on the average of three 1-hour runs.

The performance stack test must be conducted at the representative operating load conditions while burning the type of fuel or mixture of fuels that have the highest emissions potential for each regulated pollutant. The owner or operator of an industrial, commercial, or institutional boiler that demonstrates compliance with a performance stack test must maintain the operating load of each unit such that it does not exceed 110 percent of the average operating load recorded during the most recent performance stack test.

The facility must also meet the applicable operating limits listed in table 3 of subpart JJJJJJ.

Initial compliance will be demonstrated according to the provisions in 40 CFR 63.11211.

Subsequent performance tests will be required as specified in 40 CFR 63.11220, which requires performance tests to be conducted on a triennial basis, no more than 37 months after the previous performance test.

Continuous compliance will then be demonstrated according to 40 CFR 63.11222. The facility must keep records and submit the notifications and reports according to the provisions in 40 CFR 63.11225.

Parameter Monitored: PARTICULATES  
Upper Permit Limit: 0.03 pounds per million Btus  
Reference Test Method: see table 4.1 of subpart JJJJJJ  
Monitoring Frequency: Once every three years  
Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 7/30/2012.  
Subsequent reports are due every 6 calendar month(s).

**Condition 77: Capping Monitoring Condition**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement: 6 NYCRR Subpart 201-7**

**Item 77.1:**

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:





Effective between the dates of 05/16/2012 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR Subpart 201-7

**Item 78.1:**

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR 201-6.1 (a)

**Item 78.2:**

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

**Item 78.3:**

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.

**Item 78.4:**

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

**Item 78.5:**

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

**Item 78.6:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-0029D

Process: WDD

Emission Source: 029D1

Regulated Contaminant(s):

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

**Item 78.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Stack testing is required for NOx once per term of the



permit.

Upper Permit Limit: .280 pounds per million Btus

Reference Test Method: EPA Method 7E

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 79: Capping Monitoring Condition**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement: 6 NYCRR Subpart 201-7**

**Item 79.1:**

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR 201-6.1 (a)

**Item 79.2:**

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

**Item 79.3:**

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.

**Item 79.4:**

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

**Item 79.5:**

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

**Item 79.6:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-0029D

Process: WDD

Emission Source: 029D1

Regulated Contaminant(s):



CAS No: 000630-08-0 CARBON MONOXIDE

**Item 79.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes  
Monitoring Type: INTERMITTENT EMISSION TESTING  
Monitoring Description:  
Stack testing is required for CO emissions once per permit term.

Upper Permit Limit: .240 pounds per million Btus  
Reference Test Method: EPA Method 10  
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT  
Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 80: Compliance Demonstration**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**  
**Applicable Federal Requirement:40CFR 60.43c(c), NSPS Subpart Dc**

**Item 80.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-0029D  
Process: WDD Emission Source: 029D1

**Item 80.2:**

Compliance Demonstration shall include the following monitoring:

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

Parameter Monitored: OPACITY  
Upper Permit Limit: 20 percent  
Reference Test Method: Method 9  
Monitoring Frequency: CONTINUOUS  
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.



The initial report is due 7/30/2012.  
Subsequent reports are due every 6 calendar month(s).

**Condition 81: Compliance Demonstration**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 63.11224(e), Subpart JJJJJ**

**Item 81.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-0029D

Process: WDD

Emission Source: 029D1

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 81.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

An owner or operator of an industrial, commercial, or institutional boiler that has an applicable opacity operating limit under this rule must install, operate, certify and maintain each continuous opacity monitoring system (COMS) according to the procedures in paragraphs (1) through (7) by the compliance date specified in 40 CFR 63.11196.

(1) Each COMS must be installed, operated, and maintained according to Performance Specification 1 of 40 CFR part 60, appendix B.

(2) The owner or operator must conduct a performance evaluation of each COMS according to the requirements in 40 CFR 63.8 and according to Performance Specification 1 of 40 CFR part 60, appendix B.

(3) As specified in 40 CFR 63.8(c)(4)(i), each COMS must complete a minimum of one cycle of sampling and analyzing for each successive 10-second period and one cycle of data recording for each successive 6-minute period.

(4) The COMS data must be reduced as specified in 40 CFR 63.8(g)(2).

(5) The owner or operator must include in his/her site-specific monitoring plan procedures and acceptance criteria for operating and maintaining each COMS according to the requirements in 40 CFR 63.8(d). At a minimum, the



monitoring plan must include a daily calibration drift assessment, a quarterly performance audit, and an annual zero alignment audit of each COMS.

(6) The owner or operator must operate and maintain each COMS according to the requirements in the monitoring plan and the requirements of 40 CFR 63.8(e). Identify periods the COMS is out of control including any periods that the COMS fails to pass a daily calibration drift assessment, a quarterly performance audit, or an annual zero alignment audit.

(7) The owner or operator must determine and record all the 1-hour block averages collected for periods during which the COMS is not out of control.

Process Material: WOOD

Parameter Monitored: OPACITY

Upper Permit Limit: 10 percent

Reference Test Method: EPA Method 9

Monitoring Frequency: CONTINUOUS

Averaging Method: 24 HOUR BLOCK AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2012.

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

**Condition 82: Compliance Demonstration**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement: 6 NYCRR 212.4 (c)**

**Item 82.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-0029D

Process: WDD

Emission Source: 029D3

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 82.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of solid particulates are limited to less than 0.050 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis.



If this condition appears in a Title V permit, and the Department has not otherwise directed the permittee to conduct a stack test, compliance with the 0.050 grains/dscf particulate emission standard will be determined by the permittee's observation of the outlet of the emission source to determine whether or not visible emissions are present following the guidelines similar to EPA Method 22. Visible emissions will not include those due to water vapor that is present in the exhaust gas. Observations must be made once per day while operations are taking place. These observations must be recorded in a log book, and be made available to the Department on request. If visible emissions are observed for two consecutive days, a Method 9 visible emissions test must be conducted by a certified observer. If the Method 9 test determines that the opacity is less than 20%, observations of the stack in question shall be used to determine that the opacity of these emissions remain less than 20%.

The semiannual progress report and annual compliance certifications required of all permittees subject to Title V must include a summary of these observations as well as instances in which visible emissions were observed or in which observations could not be made due to weather conditions.

Parameter Monitored: PARTICULATES  
Upper Permit Limit: 0.050 grains per dscf  
Reference Test Method: EPA Method 5  
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT  
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 7/30/2012.  
Subsequent reports are due every 6 calendar month(s).

**Condition 83: Compliance Demonstration**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable Federal Requirement: 6 NYCRR 212.6 (a)**

**Item 83.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-0029D

Process: WDD

Emission Source: 029D3

**Item 83.2:**

Compliance Demonstration shall include the following monitoring:

**New York State Department of Environmental Conservation**

**Permit ID: 6-3013-00183/00007**

**Facility DEC ID: 6301300183**



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

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. Compliance with this requirement shall be determined by the facility owner/operator conducting a daily survey of visible emissions when the process is in operation. If any visible emissions are identified, corrective action is required. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA Method 9

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2012.

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



**STATE ONLY ENFORCEABLE CONDITIONS**  
**\*\*\*\* Facility Level \*\*\*\***

**NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**  
**This section contains terms and conditions which are not federally enforceable. Permittees may also have other obligations under regulations of general applicability**

**Item A: Public Access to Recordkeeping for Facilities With State Facility Permits - 6 NYCRR 201-1.10 (a)**

Where emission source owners and/or operators keep records pursuant to compliance with the operational flexibility requirements of 6 NYCRR Subpart 201-5.4(b)(1), and/or the emission capping requirements of 6 NYCRR Subparts 201-7.2(d), 201-7.3(f), 201-7.3(g), 201-7.3(h)(5), 201-7.3(i) and 201-7.3(j), the Department will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records. Emission source owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department of receipt of the request.

**Item B: General Provisions for State Enforceable Permit Terms and Condition - 6 NYCRR Part 201-5**

Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all criteria, emission limits, terms, conditions, and standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

**STATE ONLY APPLICABLE REQUIREMENTS**

**The following conditions are state only enforceable.**



**Condition 84: Contaminant List**

**Effective between the dates of 05/16/2012 and Permit Expiration Date**

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

**Item 84.1:**

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

CAS No: 000124-38-9  
Name: CARBON DIOXIDE

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

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

CAS No: 0NY100-00-0  
Name: HAP

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

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

**Condition 85: Unavoidable noncompliance and violations**

**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable State Requirement:6 NYCRR 201-1.4**

**Item 85.1:**

At the discretion of the commissioner a violation of any applicable emission standard for necessary scheduled equipment maintenance, start-up/shutdown conditions and malfunctions or upsets may be excused if such violations are unavoidable. The following actions and recordkeeping and reporting requirements must be adhered to in such circumstances.

- (a) The facility owner and/or operator shall compile and maintain records of all equipment maintenance or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the commissioner's representative when requested to do so in writing or when so required by a condition of a permit issued for the corresponding air contamination source except where conditions elsewhere in this permit which contain more stringent reporting and notification provisions for an applicable requirement, in which case they supercede those stated here. Such reports shall describe why the violation was unavoidable and shall include the time, frequency and duration of the maintenance and/or start-up/shutdown activities and the identification of air contaminants, and the estimated emission rates. If a facility owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, he need not submit reports for equipment maintenance or start-up/shutdown for the facility to the commissioner's



representative.

(b) In the event that emissions of air contaminants in excess of any emission standard in 6 NYCRR Chapter III Subchapter A occur due to a malfunction, the facility owner and/or operator shall report such malfunction by telephone to the commissioner's representative as soon as possible during normal working hours, but in any event not later than two working days after becoming aware that the malfunction occurred. Within 30 days thereafter, when requested in writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates. These reporting requirements are superceded by conditions elsewhere in this permit which contain reporting and notification provisions for applicable requirements more stringent than those above.

(c) The Department may also require the owner and/or operator to include in reports described under (a) and (b) above an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions depending on the deviation of the malfunction and the air contaminants emitted.

(d) In the event of maintenance, start-up/shutdown or malfunction conditions which result in emissions exceeding any applicable emission standard, the facility owner and/or operator shall take appropriate action to prevent emissions which will result in contravention of any applicable ambient air quality standard. Reasonably available control technology, as determined by the commissioner, shall be applied during any maintenance, start-up/shutdown or malfunction condition subject to this paragraph.

(e) In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets.

**Condition 86: Emission Unit Definition**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable State Requirement:6 NYCRR Subpart 201-5**

**Item 86.1:**

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

Emission Unit: U-0029A

Emission Unit Description:

The emission unit includes the one existing natural gas or oil firing water tube boilers with low NOx burners and flue gas recirculation and one decommissioned coal fired boiler. The two boilers share a single stack.

Building(s): 16

**Item 86.2:**

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

Emission Unit: U-0029D

Emission Unit Description:

The emission unit includes the wood fired boiler and



associated equipment. The following equipment would be included in this emission unit: - A 40000 lb/hr steam, wood fired boiler  
- fuel handling and receiving equipment including conveyors, screens and unloading facilities.  
- Ash handling facilities  
- A wood storage silo  
- Pollution controls such as FGR and ESP  
- Back Pressure turbine  
In addition, a wood chipper will be part of this emission unit to reduce the size of any off spec wood.

Building(s): NEWBH

**Condition 87: Visible Emissions Limited**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable State Requirement:6 NYCRR 211.2**

**Item 87.1:**

Except as permitted by a specific part of this Subchapter and for open fires for which a restricted burning permit has been issued, no person shall cause or allow any air contamination source to emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.

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

**Condition 88: Emission Point Definition By Emission Unit**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable State Requirement:6 NYCRR Subpart 201-5**

**Item 88.1:**

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

Emission Unit: U-0029A

Emission Point: 0029A

Height (ft.): 182 Diameter (in.): 58  
NYTMN (km.): 4785.051 NYTME (km.): 467.128 Building: 16

Emission Point: 0029B

Height (ft.): 182 Diameter (in.): 58  
NYTMN (km.): 4785.054 NYTME (km.): 467.146 Building: 16

**Item 88.2:**

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

Emission Unit: U-0029D



Emission Point: 0029E  
Height (ft.): 80 Diameter (in.): 48  
NYTMN (km.): 4785.823 NYTME (km.): 467.532 Building: NEWBH

Emission Point: 0029F  
Height (ft.): 45 Diameter (in.): 8  
NYTMN (km.): 4785.823 NYTME (km.): 467.532 Building: NEWBH

**Condition 89: Process Definition By Emission Unit**  
**Effective between the dates of 05/16/2012 and Permit Expiration Date**

**Applicable State Requirement:6 NYCRR Subpart 201-5**

**Item 89.1:**

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

Emission Unit: U-0029A  
Process: GAS Source Classification Code: 1-02-006-02

Emission Source/Control: 0029B - Combustion  
Design Capacity: 90,000 pound steam per hour

Emission Source/Control: 029A1 - Combustion  
Design Capacity: 90,000 pound steam per hour

**Item 89.2:**

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

Emission Unit: U-0029A  
Process: OIL Source Classification Code: 1-02-005-01

Emission Source/Control: 0029B - Combustion  
Design Capacity: 90,000 pound steam per hour

Emission Source/Control: 029A1 - Combustion  
Design Capacity: 90,000 pound steam per hour

**Item 89.3:**

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

Emission Unit: U-0029D  
Process: WDD Source Classification Code: 1-02-009-07

Emission Source/Control: 029D1 - Combustion  
Design Capacity: 40,000 pound steam per hour

Emission Source/Control: 029D2 - Control  
Control Type: ELECTROSTATIC PRECIPITATOR

Emission Source/Control: 029D3 - Process



