



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 6-2240-00009/00007
Mod 0 Effective Date: 05/20/2013 Expiration Date: 05/19/2018
Mod 1 Effective Date: 04/01/2013 Expiration Date: No expiration date.
Mod 2 Effective Date: 11/01/2013 Expiration Date: 05/19/2018
Mod 3 Effective Date: 09/11/2017 Expiration Date: 05/19/2018

Permit Issued To: REENERGY BLACK RIVER LLC
PO BOX 849
FORT DRUM, NY 13602-0849

Contact: PETER C LISTER
BLACK RIVER GENERATION LLC
PO BOX 849
FORT DRUM, NY 13602-0849
(315) 773-2314

Facility: REENERGY BLACK RIVER
EUPHRATES RIVER VALLEY RD & ONEIDA AVE
FORT DRUM, NY 13602

Contact: Ainsworth James
ReEnergy Black River LLC
PO Box 849
Fort Drum, NY 13602-0849
(973) 902-1438

Description:

New York State Department of Environmental Conservation
Facility DEC ID: 622400009



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: THOMAS G VOSS
 NYSDEC - REGION 6
 317 WASHINGTON ST
 WATERTOWN, NY 13601-3787

Authorized Signature: _____ Date: ___ / ___ / _____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

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

Facility Level

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



DEC GENERAL CONDITIONS

****** General Provisions ******

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

GENERAL CONDITIONS - Apply to ALL Authorized Permits.

Condition 1: Facility Inspection by the Department

Applicable State Requirement: ECL 19-0305

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

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

Item 2.1:

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

Condition 3: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:

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

Item 3.2:

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

Item 3.3:

Permits are transferrable with the approval of the department unless specifically prohibited by



the statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual transfer of ownership.

Condition 3-1: Applications for permit renewals, modifications and transfers
Applicable State Requirement: 6 NYCRR 621.11

Item 3-1.1:

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

Item 3-1.2:

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

Item 3-1.3

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

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

Item 4.1:

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

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

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

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

New York State Department of Environmental Conservation
Facility DEC ID: 622400009



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: 6-2240-00009/00007

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Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: REENERGY BLACK RIVER LLC
PO BOX 849
FORT DRUM, NY 13602-0849

Facility: REENERGY BLACK RIVER
EUPHRATES RIVER VALLEY RD & ONEIDA AVE
FORT DRUM, NY 13602

Authorized Activity By Standard Industrial Classification Code:
4911 - ELECTRIC SERVICES
4931 - ELEC & OTHER SERVICES COMBINED
4961 - STEAM SUPPLY

Mod 0 Permit Effective Date: 05/20/2013

Permit Expiration Date: 05/19/2018

Mod 2 Permit Effective Date: 11/01/2013

Permit Expiration Date: 05/19/2018

Mod 3 Permit Effective Date: 09/11/2017

Permit Expiration Date: 05/19/2018



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6 NYCRR 200.6: Acceptable Ambient Air Quality
- 15 6 NYCRR 201-6.4 (a) (7): Fees
- 18 6 NYCRR 201-6.4 (c): Recordkeeping and Reporting of Compliance Monitoring
- 19 6 NYCRR 201-6.4 (c) (2): Records of Monitoring, Sampling, and Measurement
- 3-1 6 NYCRR 201-6.4 (c) (3) (ii): Compliance Certification
- 22 6 NYCRR 201-6.4 (e): Compliance Certification
- 2 6 NYCRR 202-2.1: Compliance Certification
- 3 6 NYCRR 202-2.5: Recordkeeping requirements
- 4 6 NYCRR 215.2: Open Fires - Prohibitions
- 5 6 NYCRR 200.7: Maintenance of Equipment
- 6 6 NYCRR 201-1.7: Recycling and Salvage
- 7 6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 8 6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
- 9 6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
- 14 6 NYCRR 201-6.4 (a) (4): Requirement to Provide Information
- 3-2 6 NYCRR 201-6.4 (a) (8): Right to Inspect
- 16 6 NYCRR 201-6.4 (a) (8): Right to Inspect
- 17 6 NYCRR 201-6.4 (a) (8): Compliance Certification
- 23 6 NYCRR 201-6.4 (f) (6): Off Permit Changes
- 10 6 NYCRR 202-1.1: Required Emissions Tests
- 11 40 CFR Part 68: Accidental release provisions.
- 12 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 13 6 NYCRR Subpart 201-6: Emission Unit Definition
- 21 6 NYCRR 201-6.4 (d) (4): Progress Reports Due Semiannually
- 3-3 6 NYCRR Subpart 201-7: Facility Permissible Emissions
- *24 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 25 6 NYCRR 211.1: Air pollution prohibited
- 3-4 6 NYCRR 225-1.2: Compliance Certification
- 3-5 6 NYCRR 227-2.1: Compliance Certification
- 28 6 NYCRR 227.2 (b) (1): Compliance Certification
- 3-6 6 NYCRR 231-3.1: Compliance Certification
- 29 6 NYCRR Subpart 231-8: Compliance Certification
- 31 6 NYCRR 243-1.6 (a): Permit Requirements
- 32 6 NYCRR 243-1.6 (b): Monitoring requirements
- 33 6 NYCRR 243-1.6 (c): NOx Ozone Season Emission Requirements
- 34 6 NYCRR 243-1.6 (d): Excess emission requirements
- 35 6 NYCRR 243-1.6 (e): Recordkeeping and reporting requirements
- 37 6 NYCRR 243-2.1: Authorization and responsibilities of CAIR designated representative
- 38 6 NYCRR 243-2.4: Certificate of representation
- 40 6 NYCRR 243-8.1: General requirements
- 41 6 NYCRR 243-8.1: Prohibitions
- 42 6 NYCRR 243-8.3: Out of control periods

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- 43 6 NYCRR 243-8.5 (d): Quarterly reports
- 44 6 NYCRR 243-8.5 (e): Compliance certification
- 45 6 NYCRR Subpart 244-1: Compliance Certification
- 46 6 NYCRR Subpart 244-2: Compliance Certification
- 47 6 NYCRR Subpart 244-8: Compliance Certification
- 48 6 NYCRR Subpart 245-1: CAIR SO2 Trading Program General Provisions
- 49 6 NYCRR Subpart 245-2: Designated CAIR Representative
- 50 6 NYCRR Subpart 245-8: Compliance Certification
- 3-7 40CFR 63.7495(b), Subpart DDDDD: Compliance Certification
- 3-8 40CFR 63.7495(d), Subpart DDDDD: Notification requirements
- 3-9 40CFR 63.7500(a)(1), Subpart DDDDD: Compliance Certification
- 3-10 40CFR 63.7500(a)(1), Subpart DDDDD: Compliance Certification
- 3-11 40CFR 63.7500(a)(1), Subpart DDDDD: Compliance Certification
- 3-12 40CFR 63.7500(a)(1), Subpart DDDDD: Compliance Certification
- 3-13 40CFR 63.7500(a)(3), Subpart DDDDD: Good air pollution control practices
- 3-14 40CFR 63.7505(c), Subpart DDDDD: Demonstrating compliance
- 3-15 40CFR 63.7505(d), Subpart DDDDD: Compliance Certification
- 3-16 40CFR 63.7510(c), Subpart DDDDD: Initial compliance for carbon monoxide
- 3-17 40CFR 63.7515(e), Subpart DDDDD: Compliance Certification
- 3-18 40CFR 63.7515(f), Subpart DDDDD: Compliance Certification
- 3-19 40CFR 63.7521(a), Subpart DDDDD: Compliance Certification
- 3-20 40CFR 63.7522, Subpart DDDDD: Compliance Certification
- 3-21 40CFR 63.7525(d), Subpart DDDDD: Compliance Certification
- 3-22 40CFR 63.7525(f), Subpart DDDDD: Compliance Certification
- 3-23 40CFR 63.7530(a), Subpart DDDDD: Compliance Certification
- 3-24 40CFR 63.7530(c), Subpart DDDDD: Compliance Certification
- 3-25 40CFR 63.7530(e), Subpart DDDDD: Compliance Certification
- 3-26 40CFR 63.7530(f), Subpart DDDDD: Notification of compliance status
- 3-27 40CFR 63.7530(h), Subpart DDDDD: Compliance Certification
- 3-28 40CFR 63.7540(a), Subpart DDDDD: Compliance Certification
- 3-29 40CFR 63.7545(d), Subpart DDDDD: Performance test notification
- 3-30 40CFR 63.7545(e), Subpart DDDDD: Notification of compliance status
- 3-31 40CFR 63.7550(b), Subpart DDDDD: Compliance Certification
- 3-32 40CFR 63.7550(c), Subpart DDDDD: Compliance Certification
- 3-33 40CFR 63.7550(e), Subpart DDDDD: Compliance Certification
- 3-34 40CFR 63.7550(h), Subpart DDDDD: Compliance Certification
- 3-35 40CFR 63.7555(a), Subpart DDDDD: Compliance Certification
- 3-36 40CFR 63.7555(c), Subpart DDDDD: Compliance Certification
- 3-37 40CFR 63.7555(i), Subpart DDDDD: Compliance Certification
- 3-38 40CFR 63.7555(j), Subpart DDDDD: Compliance Certification
- 3-39 40CFR 63.7560, Subpart DDDDD: Compliance Certification
- 3-40 40CFR 63.7565, Subpart DDDDD: General provisions
- 52 40CFR 63, Subpart ZZZZ: Applicability
- 3-41 40CFR 63, Subpart ZZZZ: Compliance and Enforcement
- 3-42 40CFR 63.6604, Subpart ZZZZ: Fuel requirements for existing emergency stationary CI RICE
- 3-43 40CFR 63.6620(b), Subpart ZZZZ: Performance test requirements
- 53 40CFR 63.6650(f), Subpart ZZZZ: Title V and NESHAP reporting
- 54 40 CFR Part 64: Compliance Certification
- 3-44 40CFR 97.406, Subpart AAAAA: Compliance Certification
- 3-45 40CFR 97.506, Subpart BBBB: Compliance Certification
- 3-46 40CFR 97.606, Subpart CCCCC: Compliance Certification



Emission Unit Level

- 55 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
- 56 6 NYCRR Subpart 201-6: Process Definition By Emission Unit

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- *3-47 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *3-48 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *3-49 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *3-50 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *3-51 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *3-52 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *3-53 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *3-54 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *3-55 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *3-56 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *3-57 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *3-58 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *3-59 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *3-60 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 68 40CFR 60, NSPS Subpart A: Applicability of General Provisions of 40 CFR 60 Subpart A
- 69 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
- 70 40CFR 60.7(a), NSPS Subpart A: Date of Construction Notification - if a COM is used.
- 71 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 72 40CFR 60.7(c), NSPS Subpart A: Compliance Certification
- 73 40CFR 60.7(d), NSPS Subpart A: Excess Emissions Report
- 74 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
- 75 40CFR 60.9, NSPS Subpart A: Availability of information.
- 76 40CFR 60.11(d), NSPS Subpart A: Compliance with Standards and Maintenance Requirements
- 77 40CFR 60.12, NSPS Subpart A: Circumvention.
- 78 40CFR 60.13, NSPS Subpart A: Monitoring requirements.
- 3-61 40CFR 60, NSPS Subpart Db: Compliance Certification
- 79 40CFR 60, NSPS Subpart Db: Compliance Certification
- 80 40CFR 60.49b, NSPS Subpart Db: Recordkeeping and reporting requirements.

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- 81 6 NYCRR 227-1.3 (a): Compliance Certification
- 3-62 40CFR 63.7520, Subpart DDDDD: Compliance Certification
- 3-63 40CFR 63.7525(a), Subpart DDDDD: Compliance Certification
- 3-64 40CFR 63.7535, Subpart DDDDD: Compliance Certification
- 3-65 40CFR 63.7540(d), Subpart DDDDD: Startup and Shutdown Work Practice Standards

EU=U-00002

- 85 40CFR 63.6590(a)(1), Subpart ZZZZ: Existing RICE greater than 500 hp at a HAP major facility
- 3-66 40CFR 63.6590(b)(3), Subpart ZZZZ: Engines that are exempt from Subpart ZZZZ
- 3-67 40CFR 63.6605(a), Subpart ZZZZ: Compliance required at all times

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- 3-68 40CFR 63.6605(b), Subpart ZZZZ: Operate and maintain air pollution control and monitoring equipment consistent with good engineering practices
- 3-69 40CFR 63.6610(a), Subpart ZZZZ: Required date of initial compliance test
- 3-70 40CFR 63.6610(d), Subpart ZZZZ: Substitution of previous performance test for limits in subpart ZZZZ
- 3-71 40CFR 63.6625(a), Subpart ZZZZ: Installation, operation and maintenance of continuous emission monitoring system (CEMS)
- 3-72 40CFR 63.6625(b), Subpart ZZZZ: Compliance Certification
- 3-73 40CFR 63.6625(e), Subpart ZZZZ: Compliance Certification
- 3-74 40CFR 63.6625(f), Subpart ZZZZ: Compliance Certification
- 3-75 40CFR 63.6625(h), Subpart ZZZZ: Compliance Certification
- 3-76 40CFR 63.6625(i), Subpart ZZZZ: Compliance Certification

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- 3-77 40CFR 63.6640(a), Subpart ZZZZ: Compliance Certification
- 3-78 40CFR 63.6640(b), Subpart ZZZZ: Deviations and catalyst changing provisions for lean burn and compression ignition engines
- 3-79 40CFR 63.6640(f), Subpart ZZZZ: Compliance Certification
- 86 40CFR 63.6645(a), Subpart ZZZZ: Compliance Certification

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- 87 40CFR 63.6645(g), Subpart ZZZZ: Notification of intent to conduct performance test
- 88 40CFR 63.6650(b), Subpart ZZZZ: Compliance reports
- 89 40CFR 63.6650(c), Subpart ZZZZ: Contents of compliance reports
- 3-80 40CFR 63.6650(d), Subpart ZZZZ: Deviation reports
- 90 40CFR 63.6650(d), Subpart ZZZZ: Deviation reports
- 91 40CFR 63.6650(e), Subpart ZZZZ: Deviation reporting to be included in compliance reports
- 92 40CFR 63.6655(a), Subpart ZZZZ: Compliance Certification

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- 3-81 40CFR 63.6655(d), Subpart ZZZZ: Compliance Certification
- 3-82 40CFR 63.6655(e), Subpart ZZZZ: Compliance Certification
- 3-83 40CFR 63.6655(f), Subpart ZZZZ: Compliance Certification
- 93 40CFR 63.6660, Subpart ZZZZ: Compliance Certification

EU=U-00003

- 3-84 40CFR 63.6590(a)(1), Subpart ZZZZ: Existing RICE greater than 500 hp at a HAP major facility
- 3-85 40CFR 63.6650(b), Subpart ZZZZ: Compliance reports
- 3-86 40CFR 63.6650(c), Subpart ZZZZ: Contents of compliance reports
- 3-87 40CFR 63.6655(a), Subpart ZZZZ: Compliance Certification
- 3-88 40CFR 63.6660, Subpart ZZZZ: Compliance Certification

EU=U-00004

- 3-89 40CFR 63.6590(a)(1), Subpart ZZZZ: Existing RICE greater than 500 hp at a HAP major facility

EU=U-00005

- 94 40CFR 60, NSPS Subpart A: Applicability of General Provisions of 40

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CFR 60 Subpart A

- 95 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
- 96 40CFR 60.7(a), NSPS Subpart A: Date of Construction Notification - if a COM is used.
- 97 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 98 40CFR 60.7(c), NSPS Subpart A: Compliance Certification
- 99 40CFR 60.7(d), NSPS Subpart A: Excess Emissions Report
- 100 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
- 101 40CFR 60.11(d), NSPS Subpart A: Compliance with Standards and Maintenance Requirements

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 102 ECL 19-0301: Contaminant List
- 103 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 104 6 NYCRR 201-1.4: Unavoidable noncompliance and violations
- 105 6 NYCRR 242-1.5: Compliance Demonstration
- 106 6 NYCRR 242-1.5: Compliance Demonstration
- 107 6 NYCRR Subpart 242-4: Compliance Demonstration
- 108 6 NYCRR Subpart 242-8: Compliance Demonstration

NOTE: * preceding the condition number indicates capping.



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

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

Item A: Public Access to Recordkeeping for Title V Facilities - 6 NYCRR 201-1.10 (b)

The Department will make available to the public any permit application, compliance plan, permit, and monitoring and compliance certification report pursuant to Section 503(e) of the Act, except for information entitled to confidential treatment pursuant to 6 NYCRR Part 616 - Public Access to records and Section 114(c) of the Act.

Item B: Timely Application for the Renewal of Title V Permits - 6 NYCRR 201-6.2 (a) (4)

Owners and/or operators of facilities having an issued Title V permit shall submit a complete application at least 180 days, but not more than eighteen months, prior to the date of permit expiration for permit renewal purposes.

Item C: Certification by a Responsible Official - 6 NYCRR 201-6.2 (d) (12)

Any application, form, report or compliance certification required to be submitted pursuant to the federally enforceable portions of this permit shall contain a certification of truth, accuracy and completeness by a responsible official. This certification shall state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Item D: Requirement to Comply With All Conditions - 6 NYCRR 201-6.4 (a) (2)

The permittee must comply with all conditions of the Title V facility permit. Any permit non-compliance constitutes a violation of the Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.

Item E: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR 201-6.4 (a) (3)

This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and



reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

Item F: Cessation or Reduction of Permitted Activity Not a Defense - 6 NYCRR 201-6.4 (a) (5)

It shall not be a defense for a permittee in an enforcement action to claim that a cessation or reduction in the permitted activity would have been necessary in order to maintain compliance with the conditions of this permit.

Item G: Property Rights - 6 NYCRR 201-6.4 (a) (6)

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

Item H: Severability - 6 NYCRR 201-6.4 (a) (9)

If any provisions, parts or conditions of this permit are found to be invalid or are the subject of a challenge, the remainder of this permit shall continue to be valid.

Item I: Permit Shield - 6 NYCRR 201-6.4 (g)

All permittees granted a Title V facility permit shall be covered under the protection of a permit shield, except as provided under 6 NYCRR Subpart 201-6. Compliance with the conditions of the permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that such applicable requirements are included and are specifically identified in the permit, or the Department, in acting on the permit application or revision, determines in writing that other requirements specifically identified are not applicable to the major stationary source, and the permit includes the determination or a concise summary thereof. Nothing herein shall preclude the Department from revising or revoking the permit pursuant to 6 NYCRR Part 621 or from exercising its summary abatement authority. Nothing in this permit shall alter or affect the following:

i. The ability of the Department to seek to bring suit on behalf of the State of New York, or the Administrator to seek to bring suit on behalf of the United States, to immediately restrain any person causing or contributing to pollution presenting an imminent and substantial endangerment to public health, welfare or the environment to stop the emission of air pollutants causing or contributing to such pollution;

ii. The liability of a permittee of the Title V



facility for any violation of applicable requirements prior to or at the time of permit issuance;

iii. The applicable requirements of Title IV of the Act;

iv. The ability of the Department or the Administrator to obtain information from the permittee concerning the ability to enter, inspect and monitor the facility.

Item J: Reopening for Cause - 6 NYCRR 201-6.4 (i)

This Title V permit shall be reopened and revised under any of the following circumstances:

i. When additional applicable requirements under the act become applicable to a title V facility with a remaining permit term of three or more years, a reopening shall be completed not later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of therequirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended by the department pursuant to the provisions of section 201- 6.6 of this Subpart.

ii. The Department or the Administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.

iii. The Department or the Administrator determines that the Title V permit must be revised or reopened to assure compliance with applicable requirements.

iv. If the permitted facility is an "affected source" subject to the requirements of Title IV of the Act, and additional requirements (including excess emissions requirements) become applicable. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit.

Proceedings to reopen and issue Title V facility permits shall follow the same procedures as apply to initial permit issuance but shall affect only those parts of the permit for which cause to reopen exists.

Reopenings shall not be initiated before a notice of such intent is provided to the facility by the Department at least thirty days in advance of the date that the permit



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

Item K: Permit Exclusion - ECL 19-0305

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

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

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

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

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

**Condition 1: Acceptable Ambient Air Quality
Effective between the dates of 05/20/2013 and 05/19/2018**

Applicable Federal Requirement: 6 NYCRR 200.6

Item 1.1:

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

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contravention occurs or may occur, the Commissioner shall specify the degree and/or method of emission control required.

Condition 15: Fees
Effective between the dates of 05/20/2013 and 05/19/2018

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

Item 15.1:

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

Condition 18: Recordkeeping and Reporting of Compliance Monitoring
Effective between the dates of 05/20/2013 and 05/19/2018

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

Item 18.1:

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

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

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

Condition 19: Records of Monitoring, Sampling, and Measurement
Effective between the dates of 05/20/2013 and 05/19/2018

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

Item 19.1:

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



reports required by the permit.

Condition 3-1: Compliance Certification
Effective between the dates of 09/11/2017 and 05/19/2018

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

Item 3-1.1:

The Compliance Certification activity will be performed for the Facility.

Item 3-1.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

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

- (1) For emissions of a hazardous air pollutant (as identified in an applicable regulation) that continue for more than an hour in excess of permit requirements, the report must be made within 24 hours of the occurrence.
- (2) For emissions of any regulated air pollutant, excluding those listed in paragraph (1) of this section, that continue for more than two hours in excess of permit requirements, the report must be made within 48 hours.
- (3) For all other deviations from permit requirements,



the report shall be contained in the 6 month monitoring report required above.

(4) This permit may contain a more stringent reporting requirement than required by paragraphs (1), (2) or (3) above. If more stringent reporting requirements have been placed in this permit or exist in applicable requirements that apply to this facility, the more stringent reporting requirement shall apply.

If above paragraphs (1) or (2) are met, the source must notify the permitting authority by telephone during normal business hours at the Regional Office of jurisdiction for this permit, attention Regional Air Pollution Control Engineer (RAPCE) according to the timetable listed in paragraphs (1) and (2) of this section. For deviations and incidences that must be reported outside of normal business hours, on weekends, or holidays, the DEC Spill Hotline phone number at 1-800-457-7362 shall be used. A written notice, certified by a responsible official consistent with 6 NYCRR Part 201-6.2(d)(12), must be submitted within 10 working days of an occurrence for deviations reported under (1) and (2). All deviations reported under paragraphs (1) and (2) of this section must also be identified in the 6 month monitoring report required above.

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

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

In the case of any emission testing performed during the previous six month reporting period, either due to a request by the Department, EPA, or a regulatory requirement, the permittee shall include in the semiannual



report a summary of the testing results and shall indicate whether or not the Department or EPA has approved the results.

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2018.

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

Condition 22: Compliance Certification
Effective between the dates of 05/20/2013 and 05/19/2018

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

Item 22.1:

The Compliance Certification activity will be performed for the Facility.

Item 22.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

- i. Compliance certifications shall contain:
 - the identification of each term or condition of the permit that is the basis of the certification;
 - the compliance status;
 - whether compliance was continuous or intermittent;
 - the method(s) used for determining the compliance status of the facility, currently and over the reporting period consistent with the monitoring and related recordkeeping and reporting requirements of this permit;
 - such other facts as the Department may require to determine the compliance status of the facility as

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specified in any special permit terms or conditions;
and
- such additional requirements as may be specified elsewhere in this permit related to compliance certification.

ii. The responsible official must include in the annual certification report all terms and conditions contained in this permit which are identified as being subject to certification, including emission limitations, standards, or work practices. That is, the provisions labeled herein as "Compliance Certification" are not the only provisions of this permit for which an annual certification is required.

iii. Compliance certifications shall be submitted annually. Certification reports are due 30 days after the anniversary date of four consecutive calendar quarters. The first report is due 30 days after the calendar quarter that occurs just prior to the permit anniversary date, unless another quarter has been acceptable by the Department.

iv. All compliance certifications shall be submitted to the Administrator (or his or her representative) as well as two copies to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office). Please send annual compliance certifications to Chief of the Stationary Source Compliance Section, the Region 2 EPA representative for the Administrator, at the following address:

USEPA Region 2
Air Compliance Branch
290 Broadway
New York, NY 10007-1866

The address for the RAPCE is as follows:

State Office Building
317 Washington Street
Watertown, NY 13601-3787

The address for the BQA is as follows:

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

Monitoring Frequency: ANNUALLY

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Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

Subsequent reports are due on the same day each year

Condition 2: Compliance Certification
Effective between the dates of 05/20/2013 and 05/19/2018

Applicable Federal Requirement:6 NYCRR 202-2.1

Item 2.1:

The Compliance Certification activity will be performed for the Facility.

Item 2.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due by April 15th for previous calendar year

Condition 3: Recordkeeping requirements
Effective between the dates of 05/20/2013 and 05/19/2018

Applicable Federal Requirement:6 NYCRR 202-2.5

Item 3.1:

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

(1) a copy of each emission statement submitted to the department; and

(2) records indicating how the information submitted in the emission statement was determined, including any calculations, data, measurements, and estimates used.

(b) These records shall be made available at the facility to the representatives of the department upon request during normal business hours.

Condition 4: Open Fires - Prohibitions
Effective between the dates of 05/20/2013 and 05/19/2018

Applicable Federal Requirement:6 NYCRR 215.2

Item 4.1:

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

Item 4.2



Per Section 215.3, burning in an open fire, provided it is not contrary to other law or regulation, will be allowed as follows:

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

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

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

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



Condition 5: Maintenance of Equipment
Effective between the dates of 05/20/2013 and 05/19/2018

Applicable Federal Requirement:6 NYCRR 200.7

Item 5.1:

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

Condition 6: Recycling and Salvage
Effective between the dates of 05/20/2013 and 05/19/2018

Applicable Federal Requirement:6 NYCRR 201-1.7

Item 6.1:

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

Condition 7: Prohibition of Reintroduction of Collected Contaminants to the air
Effective between the dates of 05/20/2013 and 05/19/2018

Applicable Federal Requirement:6 NYCRR 201-1.8

Item 7.1:

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

Condition 8: Exempt Sources - Proof of Eligibility
Effective between the dates of 05/20/2013 and 05/19/2018

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

Item 8.1:

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

Condition 9: Trivial Sources - Proof of Eligibility
Effective between the dates of 05/20/2013 and 05/19/2018

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

Item 9.1:

The owner or operator of an emission source or activity that is listed as being trivial in this

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

Condition 14: Requirement to Provide Information
Effective between the dates of 05/20/2013 and 05/19/2018

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

Item 14.1:

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

Condition 3-2: Right to Inspect
Effective between the dates of 09/11/2017 and 05/19/2018

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

Item 3-2.1:

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

(i) enter upon the permittee's premises where a facility subject to the permitting requirements of this Subpart is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;

(ii) have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;

(iii) inspect at reasonable times any emission sources, equipment (including monitoring and air pollution control equipment), practices, and operations regulated or required under the permit; and

(iv) sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

Condition 16: Right to Inspect
Effective between the dates of 05/20/2013 and 05/19/2018

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

Item 16.1:

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

(i) enter upon the permittee's premises where a facility subject to the permitting requirements of this Subpart is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;

(ii) have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;

(iii) inspect at reasonable times any emission sources, equipment (including monitoring and air pollution control equipment), practices, and operations regulated or required under the permit; and

(iv) sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

Condition 17: Compliance Certification
Effective between the dates of 05/20/2013 and 05/19/2018

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

Item 17.1:

The Compliance Certification activity will be performed for the Facility.

Item 17.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The Division of Air Resources (DAR) has developed a process under official policy, DAR-3 Alternative Fuels, to evaluate, determine facility specific suitability and approve the use of alternative fuels in solid fuel fired combustion sources. The first requirement of this policy is to have the waste obtain a beneficial use determination (BUD) from the Division of Materials Management. The BUD process is used to determine if the solid waste in question is eligible to be considered as a fuel at a specific combustion facility. If a waste or material is granted a BUD as a solid waste derived fuel the applicant is not further required to obtain a Solid Waste Permit. It should be noted that a BUD does not automatically allow a facility to fire the material in question in a combustion source without further evaluation by the DAR using the DAR-3 alternate fuel evaluation policy. The DAR reserves the right to implement permit conditions that ensure the proposed alternative fuel or material will not cause an increase in emissions from the facility to exceed permit authorized thresholds. These conditions may include but are not limited to fuel delivery monitoring, fuel sampling, establishing of specific emission limits

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based on constituents found in the waste derived fuel, and record keeping.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 23: Off Permit Changes
Effective between the dates of 05/20/2013 and 05/19/2018

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

Item 23.1:

No permit revision will be required for operating changes that contravene an express permit term, provided that such changes would not violate applicable requirements as defined under this Part or contravene federally enforceable monitoring (including test methods), recordkeeping, reporting, or compliance certification permit terms and conditions. Such changes may be made without requiring a permit revision, if the changes are not modifications under any provision of title I of the act and the changes do not exceed the emissions allowable under the permit (whether expressed therein as a rate of emissions or in terms of total emissions) provided that the facility provides the administrator and the department with written notification as required below in advance of the proposed changes within a minimum of seven days. The facility owner or operator, and the department shall attach each such notice to their copy of the relevant permit.

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

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

Condition 10: Required Emissions Tests
Effective between the dates of 05/20/2013 and 05/19/2018

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 10.1:

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

Condition 11: Accidental release provisions.
Effective between the dates of 05/20/2013 and 05/19/2018

Applicable Federal Requirement:40 CFR Part 68

Item 11.1:

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

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

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

Condition 12: Recycling and Emissions Reduction
Effective between the dates of 05/20/2013 and 05/19/2018

Applicable Federal Requirement:40CFR 82, Subpart F

Item 12.1:

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

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

Condition 13: Emission Unit Definition
Effective between the dates of 05/20/2013 and 05/19/2018

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 13.1(From Mod 3):

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

Emission Unit: U-00001

Emission Unit Description:

Emission Unit U00001 represents the common exhaust point for 3 circulating fluidized bed boilers. The proposed modified nominal short term heat input is 900 mmbtu/hr (Emission Unit U-00001, 24 hour block average) when all 3 boilers are operating. The proposed fuels to be combusted are clean wood, unadulterated wood from C+D debris, glued wood creosote treated wood, tire derived fuel and

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non-recyclable fibrous material (waste paper). These steam boilers are designated as sources E0001, E0002, and E0003 with each boiler having a capacity of 300 mmbtu/hr.

Building(s): BLDG A

Item 13.2(From Mod 3):

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

Emission Unit: U-00002

Emission Unit Description:

This emission unit represents the operation of a diesel electrical generator set manufactured by Mitsubishi and rated at 13 MMBTU/HR. This is generator A.

Building(s): BLDG. C

Item 13.3(From Mod 3):

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

Emission Unit: U-00003

Emission Unit Description:

This emission unit represents the operation of a diesel electrical generator set manufactured by Mitsubishi and rated at 13 MMBTU/HR. This is generator B.

Building(s): BLDG. C

Item 13.4(From Mod 3):

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

Emission Unit: U-00004

Emission Unit Description:

This emission unit represents the operation of a diesel electrical generator set manufactured by Mitsubishi and rated at 11.5 MMBTU/HR. This is generator C.

Building(s): BLDG. C

Item 13.5(From Mod 3):

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

Emission Unit: U-00005

Emission Unit Description:

This emission unit represents solid fuel, stockpiled outdoors, and maintained in inventory to support combustion operations and includes machinery used to process, transport, and convey to fuel stockpile and boiler fuel supply.

**Condition 21: Progress Reports Due Semiannually
Effective between the dates of 05/20/2013 and 05/19/2018**

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



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Item 21.1:

Progress reports consistent with an applicable schedule of compliance are to be submitted at least semiannually, or at a more frequent period if specified in the applicable requirement or by the department. Such progress reports shall contain the following:

(i) dates for achieving the activities, milestones, or compliance required in the schedule of compliance, and dates when such activities, milestones or compliance were achieved; and

(ii) an explanation of why any dates in the schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

Condition 3-3: Facility Permissible Emissions
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Replaces Condition(s) 57

Item 3-3.1:

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: 000630-08-0 (From Mod 3) PTE: 468,420 pounds
per year

Name: CARBON MONOXIDE

Condition 24: Capping Monitoring Condition
Effective between the dates of 05/20/2013 and 05/19/2018

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 24.1:

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) (1)

Item 24.2:

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

Item 24.3:

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 24.4:

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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 24.5:

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 24.6:

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

Emission Unit: U-00002

Emission Unit: U-00003

Emission Unit: U-00004

Regulated Contaminant(s):

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

Item 24.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

OPERATION OF EACH GENERATOR (EMISSION SOURCES E0004, E0005, & E0006) CANNOT EXCEED 500 HOURS PER YEAR CALCULATED ON A MONTHLY ROLLING BASIS.

Work Practice Type: HOURS PER YEAR OPERATION

Manufacturer Name/Model Number: Mitsubishi Diesel Generator

Upper Permit Limit: 500 hours

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL TOTAL ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2013.

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

**Condition 25: Air pollution prohibited
Effective between the dates of 05/20/2013 and 05/19/2018**

Applicable Federal Requirement:6 NYCRR 211.1



Item 25.1:

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 3-4: Compliance Certification
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement: 6 NYCRR 225-1.2

Item 3-4.1:

The Compliance Certification activity will be performed for the Facility.

Item 3-4.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Owners and/or operators of a stationary combustion installation that fires distillate oil other than number two heating oil are limited to the purchase of distillate oil with 0.0015 percent sulfur by weight or less on or after July 1, 2014 and are limited to the firing of distillate oil including number two heating oil with 0.0015 percent sulfur by weight or less on or after July 1, 2016.

The department will require fuel analyses, information on the quantity of fuel received, fired or sold, and results of stack sampling, stack monitoring, and other procedures to ensure compliance with the provisions of this Subpart. All records must be maintained at the facility for a minimum of five years.

Facility owners subject to this Subpart must submit a written report of the fuel sulfur content exceeding the applicable sulfur-in-fuel limitation, measured emissions exceeding the applicable sulfur-in-fuel limitation, measured emissions exceeding the applicable equivalent emission rate, and the nature and cause of such exceedances if known, for each calendar quarter, within 30 days after the end of any quarterly period in which an exceedance takes place.



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Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL
Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 0.0015 percent by weight
Monitoring Frequency: PER DELIVERY
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY
TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2017.
Subsequent reports are due every 3 calendar month(s).

Condition 3-5: Compliance Certification
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:6 NYCRR 227-2.1

Replaces Condition(s) 27

Item 3-5.1:

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

Emission Unit: U-00001

Item 3-5.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

ReEnergy is subject to NOx RACT under Part 227-2.
ReEnergy must submit a NOx RACT analysis for the 3 boilers
describing applicable control technologies and cost
analysis within 6 months after permit issuance.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 28: Compliance Certification
Effective between the dates of 05/20/2013 and 05/19/2018

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

Item 28.1:

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

Emission Unit: U-00001

Emission Unit: U-00002

Emission Unit: U-00003

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Emission Unit: U-00004

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 28.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

Upon request the facility shall perform the following:

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

Manufacturer Name/Model Number: PYROPOWER BOILERS & MITSUBISHI DIESEL GENERATORS

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.10 pounds per million Btus

Reference Test Method: EPA METHOD 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 3-6: Compliance Certification
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement: 6 NYCRR 231-3.1

Item 3-6.1:

The Compliance Certification activity will be performed for the Facility.

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Item 3-6.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A summary of emission limits and operating restrictions must be posted in the control room in plain sight of the operator.

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 1/30/2018.

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

Condition 29: Compliance Certification
Effective between the dates of 05/20/2013 and 05/19/2018

Applicable Federal Requirement:6 NYCRR Subpart 231-8

Item 29.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY750-00-0 CARBON DIOXIDE EQUIVALENTS

Item 29.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The owner or operator of the facility shall calculate the carbon dioxide equivalent annual emissions. This limit shall be calculated using the following equation:

$$\text{CO}_2\text{e} = \text{CO}_2 \text{ (actual monitored emissions)} + \text{CH}_4 \text{ (40 CFR 98, Table C-2 emission factor lb/mmBtu)} * \text{MMBtu/yr (actually monitored heat input)} * 231-13 \text{ Table 9} + \text{N}_2\text{O (40 CFR 98, Table C-2 emission factor lb/mmBtu)} * \text{MMBtu/yr (actually monitored heat input)} * 231-13 \text{ Table 9}$$

The limit for emissions of carbon dioxide equivalents shall be based upon the higher heating value of the fuel and shall apply at all loads of operation and during startup and shutdown. The owner or operator must maintain all records associated with these requirements on site or at a location acceptable to the Department for a minimum of five years.

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Parameter Monitored: CARBON DIOXIDE EQUIVALENTS
Upper Permit Limit: 658,951 tons per year
Reference Test Method: 40 CFR 75
Monitoring Frequency: CONTINUOUS
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 3 calendar month(s).

Condition 31: Permit Requirements
Effective between the dates of 05/20/2013 and 05/19/2018

Applicable Federal Requirement:6 NYCRR 243-1.6 (a)

Item 31.1:

The CAIR designated representative of each CAIR NOx Ozone Season source shall:

- (i) submit to the department a complete CAIR permit application under section 243-3.3 in accordance with the deadlines specified in section 243-3.2; and
- (ii) submit in a timely manner any supplemental information that the department determines is necessary in order to review a CAIR permit application and issue or deny a CAIR permit.

The owners and operators of each CAIR NOx Ozone Season source shall have a CAIR permit issued by the department under Subpart 243-3 for the source and operate the source and the unit in compliance with such CAIR permit.

Condition 32: Monitoring requirements
Effective between the dates of 05/20/2013 and 05/19/2018

Applicable Federal Requirement:6 NYCRR 243-1.6 (b)

Item 32.1:

The emissions measurements recorded and reported in accordance with Subpart 243-8 shall be used to determine compliance by each CAIR NOx Ozone Season source with the CAIR NOx Ozone Season emissions limitation under subdivision (c) of this section.

Condition 33: NOx Ozone Season Emission Requirements
Effective between the dates of 05/20/2013 and 05/19/2018

Applicable Federal Requirement:6 NYCRR 243-1.6 (c)

Item 33.1:

As of the allowance transfer deadline for a control period, the owners and operators of each CAIR NOx Ozone Season source and each CAIR NOx Ozone Season unit at the source shall hold, in the source's compliance account, CAIR NOx Ozone Season allowances available for compliance deductions for the control period under section 243-6.5(a) in an amount not less than the tons of total nitrogen oxides emissions for the control period from all CAIR NOx Ozone Season units at the source, as determined in accordance with Subpart 243-8. The CAIR NOx ozone season is the period beginning May 1 of a calendar year, except as provided in section 243-1.6(c)(2), and ending on September 30 of the same year, inclusive.

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A CAIR NOx Ozone Season unit shall be subject to the requirements under paragraph (c)(1) of this section for the control period starting on the later of May 1, 2009 or the deadline for meeting the unit's monitor certification requirements under sections 243-8.1(b)(1), (2), (3), or (7) and for each control period thereafter.

A CAIR NOx Ozone Season allowance shall not be deducted, for compliance with the requirements under paragraph (c)(1) of this section, for a control period in a calendar year before the year for which the CAIR NOx Ozone Season allowance was allocated.

CAIR NOx Ozone Season allowances shall be held in, deducted from, or transferred into or among CAIR NOx Ozone Season Allowance Tracking System accounts in accordance with Subparts 243-6, 243-7, and 243-9.

A CAIR NOx Ozone Season allowance is a limited authorization to emit one ton of nitrogen oxides in accordance with the CAIR NOx Ozone Season Trading Program. No provision of the CAIR NOx Ozone Season Trading Program, the CAIR permit application, the CAIR permit, or an exemption under section 243-1.5 and no provision of law shall be construed to limit the authority of the State or the United States to terminate or limit such authorization.

A CAIR NOx Ozone Season allowance does not constitute a property right.

Upon recordation by the Administrator under Subpart 243-6, 243-7, or 243-9, every allocation, transfer, or deduction of a CAIR NOx Ozone Season allowance to or from a CAIR NOx Ozone Season source's compliance account is incorporated automatically in any CAIR permit of the source.

Condition 34: Excess emission requirements
Effective between the dates of 05/20/2013 and 05/19/2018

Applicable Federal Requirement:6 NYCRR 243-1.6 (d)

Item 34.1:

If a CAIR NOx Ozone Season source emits nitrogen oxides during any control period in excess of the CAIR NOx Ozone Season emissions limitation, then:

(1) the owners and operators of the source and each CAIR NOx Ozone Season unit at the source shall surrender the CAIR NOx Ozone Season allowances required for deduction under section 243-6.5(d)(1) and pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Act or applicable State law; and

(2) each ton of such excess emissions and each day of such control period shall constitute a separate violation of this Subpart, the Act, and applicable State law.

Condition 35: Recordkeeping and reporting requirements
Effective between the dates of 05/20/2013 and 05/19/2018

Applicable Federal Requirement:6 NYCRR 243-1.6 (e)

Item 35.1:

Unless otherwise provided, the owners and operators of the CAIR NOx Ozone Season source and each CAIR NOx Ozone Season unit at the source shall keep on site at the source each of the following documents for a period of five years from the date the document is created. This

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period may be extended for cause, at any time before the end of five years, in writing by the department or the Administrator.

(i) The certificate of representation under section 243-2.4 for the CAIR designated representative for the source and each CAIR NOx Ozone Season unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation; provided that the certificate and documents shall be retained on site at the source beyond such five-year period until such documents are superseded because of the submission of a new certificate of representation under section 243-2.4 changing the CAIR designated representative.

(ii) All emissions monitoring information, in accordance with Subpart 243-8, provided that to the extent that Subpart 243-8 provides for a three-year period for recordkeeping, the three-year period shall apply.

(iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the CAIR NOx Ozone Season Trading Program.

(iv) Copies of all documents used to complete a CAIR permit application and any other submission under the CAIR NOx Ozone Season Trading Program or to demonstrate compliance with the requirements of the CAIR NOx Ozone Season Trading Program.

**Condition 37: Authorization and responsibilities of CAIR designated representative
Effective between the dates of 05/20/2013 and 05/19/2018**

Applicable Federal Requirement:6 NYCRR 243-2.1

Item 37.1:

Except as provided under section 243-2.2, each CAIR NOx Ozone Season source, including all CAIR NOx Ozone Season units at the source, shall have one and only one CAIR designated representative, with regard to all matters under the CAIR NOx Ozone Season Trading Program concerning the source or any CAIR NOx Ozone Season unit at the source.

The CAIR designated representative of the CAIR NOx Ozone Season source shall be selected by an agreement binding on the owners and operators of the source and all CAIR NOx Ozone Season units at the source and shall act in accordance with the certification statement in section 243-2.4(a)(4)(iv).

Upon receipt by the Administrator of a complete certificate of representation under section 243-2.4, the CAIR designated representative of the source shall represent and, by his or her representations, actions, inactions, or submissions, legally bind each owner and operator of the CAIR NOx Ozone Season source represented and each CAIR NOx Ozone Season unit at the source in all matters pertaining to the CAIR NOx Ozone Season Trading Program, notwithstanding any agreement between the CAIR designated representative and such owners and operators. The owners and operators shall be bound by any decision or order issued to the CAIR designated representative by the department, the Administrator, or a court regarding the source or unit.

No CAIR permit will be issued, no emissions data reports will be accepted, and no CAIR NOx Ozone Season Allowance Tracking System account will be established for a CAIR NOx Ozone Season unit at a source, until the Administrator has received a complete certificate of representation under section 243-2.4 for a CAIR designated representative of the source and the

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CAIR NO_x Ozone Season units at the source.

Each submission under the CAIR NO_x Ozone Season Trading Program shall be submitted, signed, and certified by the CAIR designated representative for each CAIR NO_x Ozone Season source on behalf of which the submission is made. Each such submission shall include the following certification statement by the CAIR designated representative: "I am authorized to make this submission on behalf of the owners and operators of the source or units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment."

Condition 38: Certificate of representation
Effective between the dates of 05/20/2013 and 05/19/2018

Applicable Federal Requirement:6 NYCRR 243-2.4

Item 38.1:

Unless otherwise required by the department or the Administrator, documents of agreement referred to in the certificate of representation shall not be submitted to the department or the Administrator. Neither the department nor the Administrator shall be under any obligation to review or evaluate the sufficiency of such documents, if submitted.

Condition 40: General requirements
Effective between the dates of 05/20/2013 and 05/19/2018

Applicable Federal Requirement:6 NYCRR 243-8.1

Item 40.1:

The owners and operators, and to the extent applicable, the CAIR designated representative, of a CAIR NO_x Ozone Season unit, shall comply with the monitoring, recordkeeping, and reporting requirements as provided in this Subpart and in Subpart H of 40 CFR Part 75. For purposes of complying with such requirements, the definitions in section 243-1.2 and in 40 CFR 72.2 shall apply, and the terms "affected unit," "designated representative," and "continuous emission monitoring system" (or "CEMS") in 40 CFR Part 75 shall be deemed to refer to the terms "CAIR NO_x Ozone Season unit," "CAIR designated representative," and "continuous emission monitoring system" (or "CEMS") respectively, as defined in section 243-1.2. The owner or operator of a unit that is not a CAIR NO_x Ozone Season unit but that is monitored under 40 CFR 75.72(b)(2)(ii) shall comply with the same monitoring, recordkeeping, and reporting requirements as a CAIR NO_x Ozone Season unit.

'Requirements for installation, certification, and data accounting.' The owner or operator of each CAIR NO_x Ozone Season unit shall:

(1) install all monitoring systems required under this Subpart for monitoring NO_x mass emissions and individual unit heat input (including all systems required to monitor NO_x emission rate, NO_x concentration, stack gas moisture content, stack gas flow rate, CO₂ or O₂ concentration, and fuel flow rate, as applicable, in accordance with 40 CFR 75.71 and 40 CFR

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75.72);

(2) successfully complete all certification tests required under section 243-8.2 and meet all other requirements of this Subpart and 40 CFR Part 75 applicable to the monitoring systems under paragraph 243-8.1(a)(1); and

(3) record, report, and quality-assure the data from the monitoring systems under paragraph (a)(1) of this section.

Condition 41: Prohibitions
Effective between the dates of 05/20/2013 and 05/19/2018

Applicable Federal Requirement:6 NYCRR 243-8.1

Item 41.1:

No owner or operator of a CAIR NOx Ozone Season unit shall use any alternative monitoring system, alternative reference method, or any other alternative to any requirement of this Subpart without having obtained prior written approval in accordance with section 243-8.6.

No owner or operator of a CAIR NOx Ozone Season unit shall operate the unit so as to discharge, or allow to be discharged, NOx emissions to the atmosphere without accounting for all such emissions in accordance with the applicable provisions of this Subpart and 40 CFR Part 75.

No owner or operator of a CAIR NOx Ozone Season unit shall disrupt the continuous emission monitoring system, any portion thereof, or any other approved emission monitoring method, and thereby avoid monitoring and recording NOx mass emissions discharged into the atmosphere or heat input, except for periods of recertification or periods when calibration, quality assurance testing, or maintenance is performed in accordance with the applicable provisions of this Subpart and 40 CFR Part 75.

No owner or operator of a CAIR NOx Ozone Season unit shall retire or permanently discontinue use of the continuous emission monitoring system, any component thereof, or any other approved monitoring system under this Subpart, except under any one of the following circumstances:

- (i) during the period that the unit is covered by an exemption under section 243-1.5 that is in effect;
- (ii) the owner or operator is monitoring emissions from the unit with another certified monitoring system approved, in accordance with the applicable provisions of this Subpart and 40 CFR Part 75, by the department for use at that unit that provides emission data for the same pollutant or parameter as the retired or discontinued monitoring system; or
- (iii) the CAIR designated representative submits notification of the date of certification testing of a replacement monitoring system for the retired or discontinued monitoring system in accordance with section 243-8.2(d)(3)(i).

Condition 42: Out of control periods
Effective between the dates of 05/20/2013 and 05/19/2018

Applicable Federal Requirement:6 NYCRR 243-8.3

Item 42.1:

Whenever any monitoring system fails to meet the quality-assurance and quality-control

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requirements or data validation requirements of 40 CFR Part 75, data shall be substituted using the applicable missing data procedures in Subpart D or Subpart H of, or appendix D or appendix E to, 40 CFR Part 75.

Condition 43: Quarterly reports
Effective between the dates of 05/20/2013 and 05/19/2018

Applicable Federal Requirement: 6 NYCRR 243-8.5 (d)

Item 43.1:

The CAIR designated representative shall submit quarterly reports, as follows:

If the CAIR NO_x Ozone Season unit is subject to an Acid Rain emissions limitation or a CAIR NO_x emissions limitation or if the owner or operator of such unit chooses to report on an annual basis under this Subpart, the CAIR designated representative shall meet the requirements of Subpart H of 40 CFR Part 75 (concerning monitoring of NO_x mass emissions) for such unit for the entire year and shall report the NO_x mass emissions data and heat input data for such unit, in an electronic quarterly report in a format prescribed by the Administrator, for each calendar quarter beginning with:

(i) for a unit that commences commercial operation before July 1, 2007, the calendar quarter covering May 1, 2008 through June 30, 2008;

(ii) for a unit that commences commercial operation on or after July 1, 2007, the calendar quarter corresponding to the earlier of the date of provisional certification or the applicable deadline for initial certification under section 243-8.1(b), unless that quarter is the third or fourth quarter of 2007 or the first quarter of 2008, in which case reporting shall commence in the quarter covering May 1, 2008 through June 30, 2008.

The CAIR designated representative shall submit each quarterly report to the Administrator within 30 days following the end of the calendar quarter covered by the report. Quarterly reports shall be submitted in the manner specified in 40 CFR 75.73(f).

For CAIR NO_x Ozone Season units that are also subject to an Acid Rain emissions limitation or the CAIR NO_x Annual Trading Program, CAIR SO₂ Trading Program, or the Mercury Reduction Program for Coal-Fired Electric Utility Steam Generating Units (6 NYCRR Part 246), quarterly reports shall include the applicable data and information required by Subparts F through I of 40 CFR Part 75 as applicable, in addition to the NO_x mass emission data, heat input data, and other information required by this Subpart.

Condition 44: Compliance certification
Effective between the dates of 05/20/2013 and 05/19/2018

Applicable Federal Requirement: 6 NYCRR 243-8.5 (e)

Item 44.1:

The CAIR designated representative shall submit to the Administrator a compliance certification (in a format prescribed by the Administrator) in support of each quarterly report based on reasonable inquiry of those persons with primary responsibility for ensuring that all of the unit's emissions are correctly and fully monitored. The certification shall state that:

(1) the monitoring data submitted were recorded in accordance with the applicable requirements



of this Subpart and 40 CFR Part 75, including the quality assurance procedures and specifications;

(2) for a unit with add-on NO_x emission controls and for all hours where NO_x data are substituted in accordance with 40 CFR 75.34(a)(1), the add-on emission controls were operating within the range of parameters listed in the quality assurance/quality control program under appendix B to 40 CFR Part 75 and the substitute data values do not systematically underestimate NO_x emissions; and

(3) for a unit that is reporting on a control period basis under subparagraph (d)(2)(ii) of this section, the NO_x emission rate and NO_x concentration values substituted for missing data under Subpart D of 40 CFR Part 75 are calculated using only values from a control period and do not systematically underestimate NO_x emissions.

Condition 45: Compliance Certification
Effective between the dates of 05/20/2013 and 05/19/2018

Applicable Federal Requirement: 6 NYCRR Subpart 244-1

Item 45.1:

The Compliance Certification activity will be performed for the Facility.

Item 45.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

- 1) As of midnight of March 1, or midnight of the first business day thereafter if March 1 is not a business day, the owners and operators shall hold, in their compliance account, Clean Air Interstate Rule (CAIR) NO_x allowances available for compliance deductions for the previous control period (January 1 through December 31), in an amount not less than the total tons of nitrogen oxides emissions from all CAIR NO_x units at the source during that control period. A CAIR NO_x allowance shall not be deducted for a control period in a calendar year before the year for which the CAIR NO_x allowance was allocated. [244-1.6(c)(1), 244-1.2(b)(5), 244-1.2(b)(36), 244-1.6(c)(3)]
- 2) The owners and operators shall hold in their compliance account, CAIR NO_x allowances available for compliance deductions for the control period starting on the later of January 1, 2009 or the deadline for meeting a CAIR NO_x unit's monitor certification requirements under section 244-8.1(b)(1), (2), or (5) and for each control period thereafter. [244-1.6(c)(2)]
- 3) If a CAIR NO_x source emits nitrogen oxides during any control period in excess of the CAIR NO_x emissions limitation, the owners and operators of the CAIR NO_x



source shall surrender the CAIR NOx allowances required for deduction under 6NYCRR Part 244-6.5(d)(1) and pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Act or applicable State law. Each ton of such excess emissions and each day of such control period shall constitute a separate violation of this permit, the Act, and applicable State law. [(244-1.6(d)]

4) Unless otherwise provided, the owners and operators of the CAIR NOx source shall keep on site each of the following documents for a period of five years from the date the document is created. This period may be extended for cause, at any time before the end of five years, in writing by the department or the Administrator:
[244-1.6(e)]

(i) The certificate of representation under 6NYCRR Part 244-2.4 for the CAIR designated representative for the source and all documents that demonstrate the truth of the statements in the certificate of representation; provided that the certificate and documents shall be retained on site at the source beyond such five year period until such documents are superseded because of the submission of a new certificate of representation under 6NYCRR Part 244-2.4 changing the CAIR designated representative.

(ii) All emissions monitoring information, in accordance with 6NYCRR Part 244-8, provided that to the extent that 6NYCRR Part 244-8 provides for a three year period for recordkeeping, the three year period shall apply.

(iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the CAIR NOx Annual Trading Program.

(iv) Copies of all documents used to complete a CAIR permit application and any other submission under the CAIR NOx Annual Trading Program or to demonstrate compliance with the requirements of the CAIR NOx Annual Trading Program.

Reporting Requirements: MARCH 1

Condition 46: Compliance Certification
Effective between the dates of 05/20/2013 and 05/19/2018

Applicable Federal Requirement:6 NYCRR Subpart 244-2

Item 46.1:

The Compliance Certification activity will be performed for the Facility.

Item 46.2:

Compliance Certification shall include the following monitoring:



Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

1) Each CAIR NO_x source shall have one CAIR designated representative and may have one alternate representative, as per 6NYCRR Part 244-2.2, with regard to all matters under the CAIR NO_x Annual Trading Program. The CAIR designated representative shall be selected by an agreement binding on the owners and operators of the source and act in accordance with the certification statement in 6NYCRR Part 244-2.4(a)(4)(iv). Upon receipt by the Administrator of a complete certificate of representation under 6NYCRR Part 244-2.4, the CAIR designated representative of the source shall represent and, by his or her representations, actions, inactions, or submissions, legally bind each owner and operator of the CAIR NO_x source represented in all matters pertaining to the CAIR NO_x Annual Trading Program, notwithstanding any agreement between the CAIR designated representative and such owners and operators. The owners and operators shall be bound by any decision or order issued to the CAIR designated representative by the department, the Administrator, or a court regarding the source.

2) Each submission under the CAIR NO_x Annual Trading Program shall be submitted, signed, and certified by the CAIR designated representative for each CAIR NO_x source on behalf of which the submission is made. Each such submission shall include the following certification statement by the CAIR designated representative: "I am authorized to make this submission on behalf of the owners and operators of the source or units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment."

Reporting Requirements: MARCH 1

Condition 47: Compliance Certification
Effective between the dates of 05/20/2013 and 05/19/2018

Applicable Federal Requirement:6 NYCRR Subpart 244-8

Item 47.1:

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Facility DEC ID: 6224000009



The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

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

Item 47.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Monitoring and Reporting NOX emissions

(1) The owners and operators, and to the extent applicable, the CAIR designated representative shall comply with all recordkeeping and reporting requirements in this condition, the applicable recordkeeping and reporting requirements under 40 CFR 75, and the requirements of 6NYCRR Part 244-2.1(e)(1).

(2) The CAIR designated representative shall submit quarterly reports of the the NOx mass emissions data and heat input data for each CAIR NOx unit, in an electronic quarterly report in a format prescribed by the Administrator, for each calendar quarter beginning with the calendar quarter corresponding to the earlier of the date of provisional certification or the applicable deadline for initial certification under 6NYCRR Part 244-8.1(b), unless that quarter is the third or fourth quarter of 2007, in which case reporting shall commence in the quarter covering January 1, 2008 through March 31, 2008.

(3) The CAIR designated representative shall submit each quarterly report to the Administrator within 30 days following the end of the calendar quarter covered by the report. Quarterly reports shall be submitted in the manner specified in 40 CFR 75.73(f).

(4) For CAIR NOx units that are also subject to an Acid Rain emissions limitation or the CAIR NOx Ozone Season Trading Program, CAIR SO2 Trading Program, or the Mercury Reduction Program for Coal-Fired Electric Utility Steam Generating Units (6NYCRR Part 246), quarterly reports shall include the applicable data and information required by Subparts F through I of 40 CFR Part 75 as applicable, in addition to the NOx mass emission data, heat input data, and other information required by this Subpart.

(5) 'Compliance certification.' The CAIR designated representative shall submit to the Administrator a compliance certification (in a format prescribed by the



Administrator) in support of each quarterly report based on reasonable inquiry of those persons with primary responsibility for ensuring that all of the unit's emissions are correctly and fully monitored. The certification shall state that:

(i) the monitoring data submitted were recorded in accordance with the applicable requirements of 6NYCRR Part 244 and 40 CFR Part 75, including the quality assurance procedures and specifications; and

(ii) for a unit with add-on NOx emission controls and for all hours where NOx data are substituted in accordance with 40 CFR 75.34(a)(1), the add-on emission controls were operating within the range of parameters listed in the quality assurance/quality control program under appendix B to 40 CFR Part 75 and the substitute data values do not systematically underestimate NOx emissions.

(6) Whenever any monitoring system fails to meet the quality-assurance and quality-control requirements or data validation requirements of 40 CFR part 75, data shall be substituted using the applicable missing data procedures in Subpart D or Subpart H of, or appendix D or appendix E to 40 CFR part 75. [244-8.3(a)]

(7) Whenever the owner or operator makes a replacement, modification, or change in any certified continuous emission monitoring system under 6NYCRR Part 244-8.1(a)(1) that may significantly affect the ability of the system to accurately measure or record NOx mass emissions or heat input rate or to meet the quality-assurance and quality-control requirements of 40 CFR 75.21 or appendix B to 40 CFR Part 75, the owner or operator shall recertify the monitoring system in accordance with 40 CFR 75.20(b) . Furthermore, whenever the owner or operator makes a replacement, modification, or change to the flue gas handling system or the unit's operation that may significantly change the stack flow or concentration profile, the owner or operator shall recertify each continuous emission monitoring system whose accuracy is potentially affected by the change, in accordance with 40 CFR 75.20(b). Examples of changes to a continuous emission monitoring system that require recertification include replacement of the analyzer, complete replacement of an existing continuous emission monitoring system, or change in location or orientation of the sampling probe or site. Any fuel flowmeter system, and any excepted NOx monitoring system under appendix E to 40 CFR part 75, under 6NYCRR Part 244-8.1(a)(1) are subject to the recertification requirements in 40 CFR 75.20(g)(6). [224-8.2(d)(2)



Monitoring Frequency: CONTINUOUS
Averaging Method: ANNUAL TOTAL
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 3 calendar month(s).

Condition 48: CAIR SO2 Trading Program General Provisions
Effective between the dates of 05/20/2013 and 05/19/2018

Applicable Federal Requirement: 6 NYCRR Subpart 245-1

Item 48.1:

1) As of midnight of March 1, or midnight of the first business day thereafter (if March 1 is not a business day) for a control period, the owners and operators of each Clean Air Interstate Rule (CAIR) SO₂ source shall hold, in the source's compliance account, a tonnage equivalent in CAIR SO₂ allowances available for compliance deductions for the control period (January 1 through December 31) not less than the tons of total sulfur dioxide emissions for the control period from all CAIR SO₂ units at the source. A CAIR SO₂ allowance shall not be deducted, for compliance with the requirements under paragraph (2) of this section, for a control period in a calendar year before the year for which the CAIR SO₂ allowance was allocated.

[(245-1.2(b)(5), 245-1.6(c)(1), 245-1.2(b)(36), 245-1.6(c)(3)]

2) The owners and operators shall hold in their compliance account, CAIR SO₂ allowances available for compliance deductions for the control period starting on the later of January 1, 2010 or the deadline for meeting a CAIR SO₂ unit's monitor certification requirements under section 245-8.1(b)(1), (2), or (5) and for each control period thereafter. [245-1.6(c)(2)]

3) If a CAIR SO₂ source emits sulfur dioxide during any control period in excess of the CAIR SO₂ emissions limitation, the owners and operators of the source shall surrender the CAIR SO₂ allowances required for deduction under 6NYCRR Part 245-6.5(d)(1) and pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Act or applicable State law. Each ton of such excess emissions and each day of such control period shall constitute a separate violation of this Subpart, the Act, and applicable State law.

[(245-1.6(d)]

4) Unless otherwise provided, the owners and operators of the CAIR SO₂ source shall keep on site at the source each of the following documents for a period of five years from the date the document is created. This period may be extended for cause, at any time before the end of five years, in writing by the department or the Administrator: [245-1.6(e)]

(i) The certificate of representation under 6NYCRR Part 245-2.4 for the CAIR designated representative for the source and all documents that demonstrate the truth of the statements in the certificate of representation; provided that the certificate and documents shall be retained on site at the source beyond such five-year period until such documents are superseded because of the submission of a new certificate of representation under 6NYCRR Part 245-2.4 changing the CAIR designated representative.

(ii) All emissions monitoring information, in accordance with 6NYCRR Part 245-8, provided that to the extent that 6NYCRR Part 245-8 provides for a three-year period for recordkeeping, the three-year period shall apply.

(iii) Copies of all reports, compliance certifications, and other submissions and all records

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made or required under the CAIR SO2 Trading Program.

(iv) Copies of all documents used to complete a CAIR permit application and any other submission under the CAIR SO2 Trading Program or to demonstrate compliance with the requirements of the CAIR SO2 Trading Program.

Condition 49: Designated CAIR Representative
Effective between the dates of 05/20/2013 and 05/19/2018

Applicable Federal Requirement:6 NYCRR Subpart 245-2

Item 49.1:

1) Each CAIR SO2 source shall have one and only one CAIR designated representative and may have one alternate representative, as per 6NYCRR Part 245-2.2, with regard to all matters under the CAIR SO2 Trading Program. The CAIR designated representative of the CAIR SO2 source shall be selected by an agreement binding on the owners and operators of the source and all CAIR SO2 units at the source and shall act in accordance with the certification statement in 6NYCRR Part 245-2.4(a)(4)(iv). Upon receipt by the Administrator of a complete certificate of representation under 6NYCRR Part 245-2.4, the CAIR designated representative of the source shall represent and, by his or her representations, actions, inactions, or submissions, legally bind each owner and operator of the CAIR SO2 source represented and each CAIR SO2 unit at the source in all matters pertaining to the CAIR SO2 Trading Program, notwithstanding any agreement between the CAIR designated representative and such owners and operators. The owners and operators shall be bound by any decision or order issued to the CAIR designated representative by the department, the Administrator, or a court regarding the source or unit.
[245-2.1(a), (b) & (c)]

(2) Each submission under the CAIR SO2 Trading Program shall be submitted, signed, and certified by the CAIR designated representative for each CAIR SO2 source on behalf of which the submission is made. Each such submission shall include the following certification statement by the CAIR designated representative: "I am authorized to make this submission on behalf of the owners and operators of the source or units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment."
[245-2.1(e)]

Condition 50: Compliance Certification
Effective between the dates of 05/20/2013 and 05/19/2018

Applicable Federal Requirement:6 NYCRR Subpart 245-8

Item 50.1:

The Compliance Certification activity will be performed for the Facility.

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

Item 50.2:

Compliance Certification shall include the following monitoring:



Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Monitoring and Reporting SO₂ emissions:

1) The owners and operators, and to the extent applicable, the Clean Air Interstate Rule (CAIR) designated representative, of a CAIR SO₂ unit, shall comply with the monitoring, recordkeeping, and reporting requirements as provided in Subpart 6 NYCRR Part 245-8 and in 40 CFR Part 75, Subparts F and G. For purposes of complying with such requirements, the definitions in section 245-1.2 and 40 CFR 72.2 shall apply, and the terms "affected unit," "designated representative," and "continuous emission monitoring system" (or "CEMS") in 40 CFR Part 75 shall be deemed to refer to the terms "CAIR SO₂ unit," "CAIR designated representative," and "continuous emission monitoring system" (or "CEMS") respectively, as defined in section 245-1.2. The owner or operator of a unit that is not a CAIR SO₂ unit but that is monitored under 40 CFR 75.16(b)(2) shall comply with the same monitoring, recordkeeping, and reporting requirements as a CAIR SO₂ unit. [245-8.1]

2) The owner or operator of each CAIR SO₂ unit shall:
[245-8.1(a)]

(i) install all monitoring systems required under this Subpart for monitoring SO₂ mass emissions and individual unit heat input (including all systems required to monitor SO₂ concentration, stack gas moisture content, stack gas flow rate, CO₂ or O₂ concentration, and fuel flow rate, as applicable, in accordance with 40 CFR 75.11 and 40 CFR 75.16);

(ii) successfully complete all certification tests required under Part 245-8.2 and meet all other requirements of this section and 40 CFR Part 75 applicable to the monitoring systems under this section; and

(iii) record, report, and quality-assure the data from the monitoring systems under paragraph of this section.

3) The owner or operator shall meet the monitoring system certification and other requirements of section 245-8.1(a)(1) and (2) on or before the following dates. The owner or operator shall record, report, and quality-assure the data from the monitoring systems under section 245-8.1(a)(1) on and after the following dates.
[245-8.1(b)]

(i) For the CAIR SO₂ unit that commences commercial operation before July 1, 2008, by January 1, 2009.

(ii) For the CAIR SO₂ unit that commences commercial operation on or after July 1, 2008, by the later of the



following dates: January 1, 2009; or 90 unit operating days or 180 calendar days, whichever occurs first, after the date on which the unit commences commercial operation.

4) Whenever the owner or operator makes a replacement, modification, or change in any certified continuous emission monitoring system under section 245-8.1(a)(1) that may significantly affect the ability of the system to accurately measure or record SO₂ mass emissions or heat input rate or to meet the quality-assurance and quality-control requirements of 40 CFR 75.21 or appendix B to 40 CFR Part 75, the owner or operator shall recertify the monitoring system in accordance with 40 CFR 75.20(b). Furthermore, whenever the owner or operator makes a replacement, modification, or change to the flue gas handling system or the unit's operation that may significantly change the stack flow or concentration profile, the owner or operator shall recertify each continuous emission monitoring system whose accuracy is potentially affected by the change, in accordance with 40 CFR 75.20(b). Examples of changes to a continuous emission monitoring system that require recertification include: replacement of the analyzer, complete replacement of an existing continuous emission monitoring system, or change in location or orientation of the sampling probe or site. Any fuel flowmeter system under section 245-8.1(a)(1) is subject to the recertification requirements in 40 CFR 75.20(g)(6). [245-8.2(d)(2)]

5) Whenever any monitoring system fails to meet the quality-assurance and quality-control requirements or data validation requirements of 40 CFR Part 75, data shall be substituted using the applicable missing data procedures in Subpart D of or appendix D to 40 CFR Part 75. [245-8.3(a)]

6) The CAIR designated representative shall comply with all recordkeeping and reporting requirements in section 245-8.3, the applicable recordkeeping and reporting requirements in Subparts F and G of 40 CFR Part 75, and the requirements of section 245-2.1(e)(1). [245-8.5(a)]

7) The owner or operator of a CAIR SO₂ unit shall comply with requirements of 40 CFR 75.62 for monitoring plans. [245-8.5(b)]

8) The CAIR designated representative shall submit an application to the department within 45 days after completing all initial certification or recertification tests required under section 245-8.2, including the



information required under 40 CFR 75.63. [245-8.5(c)
]

9) The CAIR designated representative shall submit quarterly reports of the SO₂ mass emissions data and heat input data for each CAIR SO₂ unit, in an electronic quarterly report in a format prescribed by the Administrator, for each calendar quarter beginning with: [245-8.5(d)(1)]

- i) the calendar quarter covering January 1, 2009 through March 31, 2009 for a unit that commences commercial operation before July 1, 2008; or
- ii) for a unit that commences commercial operation on or after July 1, 2008, the calendar quarter corresponding to the earlier of the date of provisional certification or the applicable deadline for initial certification under section 245-8.1(b), unless that quarter is the third or fourth quarter of 2008, in which case reporting shall commence in the quarter covering January 1, 2009 through March 31, 2009.

10) The CAIR designated representative shall submit each quarterly report to the Administrator within 30 days following the end of the calendar quarter covered by the report. Quarterly reports shall be submitted in the manner specified in 40 CFR 75.64. [245-8.5(d)(2)]

11) For CAIR SO₂ units that are also subject to an Acid Rain emissions limitation or the CAIR NO_x Annual Trading Program, CAIR NO_x Ozone Season Trading Program, or the Mercury Reduction Program for Coal-Fired Electric Utility Steam Generating Units (6 NYCRR Part 246), quarterly reports shall include the applicable data and information required by Subparts F through I of 40 CFR Part 75 as applicable, in addition to the SO₂ mass emission data, heat input data, and other information required by this Subpart. [245-8.5(d)(3)]

12) The CAIR designated representative shall submit to the Administrator a compliance certification (in a format prescribed by the Administrator) in support of each quarterly report based on reasonable inquiry of those persons with primary responsibility for ensuring that all of the unit's emissions are correctly and fully monitored. The certification shall state that: [245-8.5(e)]

- i) the monitoring data submitted were recorded in accordance with the applicable requirements of this Subpart and 40 CFR Part 75, including the quality assurance procedures and specifications; and
- ii) for a unit with add-on SO₂ emission controls and for all hours where SO₂ data are substituted in accordance with 40 CFR 75.34(a)(1), the add-on emission controls were

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operating within the range of parameters listed in the quality assurance/quality control program under appendix B to 40 CFR Part 75 and the substitute data values do not systematically underestimate SO₂ emissions.

Monitoring Frequency: CONTINUOUS
Averaging Method: ANNUAL TOTAL
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 3 calendar month(s).

Condition 3-7: Compliance Certification
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:40CFR 63.7495(b), Subpart DDDDD

Item 3-7.1:
The Compliance Certification activity will be performed for the Facility.

Item 3-7.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Facilities that are major sources of hazardous air pollutants (HAPs) that have industrial, commercial or institutional boilers must comply with 40 CFR 63 Subpart DDDDD by January 31, 2016.

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 3-8: Notification requirements
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:40CFR 63.7495(d), Subpart DDDDD

Item 3-8.1:
The owner or operator of an affected boiler must meet the notification requirements in 40 CFR 63.7545 according to the schedule in 40 CFR 63.7545 and in 40 CFR 63 subpart A. Some of the notifications must be submitted before the owner or operator is required to comply with the emission limits and work practice standards in subpart DDDDD.

Condition 3-9: Compliance Certification
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:40CFR 63.7500(a)(1), Subpart DDDDD

Item 3-9.1:
The Compliance Certification activity will be performed for the Facility.

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Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 3-9.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The owner or operator of an existing industrial, commercial, or institutional fluidized bed biomass-fired boiler using a CEM with heat input capacity of 10 million Btu per hour or greater, burns at least 10% biomass on an annual heat input basis, and is located at a major source of HAP emissions must limit the concentration of carbon monoxide emissions.

The concentration limit for carbon monoxide is 310 ppmvd or less corrected to 3% oxygen based on a 30-day rolling average.

The facility must also meet the applicable operating limits listed in table 4 of subpart DDDDD.

Initial compliance will be demonstrated according to the provisions in 40 CFR 63.7530.

Continuous compliance will then be demonstrated according to 40 CFR 63.7540. The facility must submit notifications and reports and keep records and according to the provisions in 40 CFR 63.7545, 7550, and 7555.

Upper Permit Limit: 310 parts per million by volume
(dry, corrected to 3% oxygen)

Monitoring Frequency: CONTINUOUS

Averaging Method: 30-DAY ROLLING AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2018.

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

Condition 3-10: Compliance Certification

Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement: 40CFR 63.7500(a)(1), Subpart DDDDD

Item 3-10.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 3-10.2:

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Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The owner or operator of an existing industrial, commercial, or institutional fluidized bed biomass-fired boiler with heat input capacity of 10 million Btu per hour or greater, burns at least 10% biomass on an annual heat input basis, and is located at a major source of HAP emissions must limit the concentration of filterable particulate matter emissions.

The concentration limit for filterable particulate matter is 0.11 lb/mmBtu of heat input or less based on the average of three runs. Each run must collect a minimum of one dry standard cubic meter.

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 highest hourly average operating load recorded during the most recent performance stack test.

The facility must also meet the applicable operating limits listed in table 4 of subpart DDDDD.

Initial compliance will be demonstrated according to the provisions in 40 CFR 63.7530.

Subsequent performance tests will be required as specified in 40 CFR 63.7515, which requires performance tests to be conducted on an annual basis, no more than 13 months after the previous performance test. Testing can be reduced if the requirements in 40 CFR 63.7515 are followed.

Continuous compliance will then be demonstrated according to 40 CFR 63.7540. The facility must submit notifications and reports and keep records and according to the provisions in 40 CFR 63.7545, 7550, and 7555.

Upper Permit Limit: 0.11 pounds per million Btus

Reference Test Method: see table 5.1 of subpart DDDDD

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

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Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2018.

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

Condition 3-11: Compliance Certification

Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:40CFR 63.7500(a)(1), Subpart DDDDD

Item 3-11.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007647-01-0 HYDROGEN CHLORIDE

Item 3-11.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The owner or operator of an existing industrial, commercial, or institutional fluidized bed biomass-fired boiler with heat input capacity of 10 million Btu per hour or greater, burns at least 10% biomass on an annual heat input basis, and is located at a major source of HAP emissions must limit the concentration of hydrogen chloride emissions.

The concentration limit for hydrogen chloride is 0.022 lb/mmBtu of heat input or less based on the average of three runs. If using method 26A, each run must collect a minimum of one dry standard cubic meter and if using method 26 each run must collect a minimum of 120 liters.

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 highest hourly average operating load recorded during the most recent performance stack test.

The facility must also meet the applicable operating limits listed in table 4 of subpart DDDDD.

Initial compliance will be demonstrated according to the provisions in 40 CFR 63.7530.

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Subsequent performance tests will be required as specified in 40 CFR 63.7515, which requires performance tests to be conducted on an annual basis, no more than 13 months after the previous performance test. Testing can be reduced if the requirements in 40 CFR 63.7515 are followed.

Continuous compliance will then be demonstrated according to 40 CFR 63.7540. The facility must submit notifications and reports and keep records and according to the provisions in 40 CFR 63.7545, 7550, and 7555.

Parameter Monitored: HYDROGEN CHLORIDE

Upper Permit Limit: 0.022 pounds per million Btus

Reference Test Method: see table 5.3 of subpart DDDDD

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2018.

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

Condition 3-12: Compliance Certification
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement: 40CFR 63.7500(a)(1), Subpart DDDDD

Item 3-12.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007439-97-6 MERCURY

Item 3-12.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The owner or operator of an existing industrial, commercial, or institutional fluidized bed biomass-fired boiler with heat input capacity of 10 million Btu per hour or greater, burns at least 10% biomass on an annual heat input basis, and is located at a major source of HAP emissions must limit the concentration of mercury emissions.

The concentration limit for mercury is 0.0000057 (5.7E-06) lb/mmBtu of heat input or less based on the average of three runs. If using method 29, each run must collect a

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minimum of three dry standard cubic meters, if using method 30A or B, each run must collect a minimum sample volume as specified in the method, and if using ASTM D6784 each run must collect a minimum of three dry standard cubic meters.

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 highest hourly average operating load recorded during the most recent performance stack test.

The facility must also meet the applicable operating limits listed in table 4 of subpart DDDDD.

Initial compliance will be demonstrated according to the provisions in 40 CFR 63.7530.

Subsequent performance tests will be required as specified in 40 CFR 63.7515, which requires performance tests to be conducted on an annual basis, no more than 13 months after the previous performance test. Testing can be reduced if the requirements in 40 CFR 63.7515 are followed.

Continuous compliance will then be demonstrated according to 40 CFR 63.7540. The facility must submit notifications and reports and keep records and according to the provisions in 40 CFR 63.7545, 7550, and 7555.

Parameter Monitored: MERCURY

Upper Permit Limit: 0.0000057 pounds per million Btus

Reference Test Method: see table 5.4 of subpart DDDDD

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2018.

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

**Condition 3-13: Good air pollution control practices
Effective between the dates of 09/11/2017 and 05/19/2018**

Applicable Federal Requirement: 40CFR 63.7500(a)(3), Subpart DDDDD



Item 3-13.1:

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. 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 3-14: Demonstrating compliance
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:40CFR 63.7505(c), Subpart DDDDD

Item 3-14.1:

The owner or operator of an industrial, commercial, or institutional boiler located at a major source of HAP must demonstrate compliance with all applicable emission limits using performance stack testing, fuel analysis, or continuous monitoring systems (CMS), including a continuous emission monitoring system (CEMS), continuous opacity monitoring system (COMS), continuous parameter monitoring system (CPMS), or particulate matter continuous parameter monitoring system (PM CPMS), where applicable. The owner or operator may demonstrate compliance with the applicable emission limit for hydrogen chloride (HCl), mercury, or total selected metals (TSM) using fuel analysis if the emission rate calculated according to 40 CFR 63.7530(c) is less than the applicable emission limit. (For gaseous fuels, the owner or operator may not use fuel analyses to comply with the TSM alternative standard or the HCl standard.) Otherwise, the owner or operator must demonstrate compliance for HCl, mercury, or TSM using performance testing, if subject to an applicable emission limit listed in Tables 1, 2, or 11 through 13 to subpart DDDDD.

Condition 3-15: Compliance Certification
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:40CFR 63.7505(d), Subpart DDDDD

Item 3-15.1:

The Compliance Certification activity will be performed for the Facility.

Item 3-15.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Owners and operators demonstrating compliance with any applicable emission limit through performance testing and subsequent compliance with operating limits (including the use of CPMS), or with a CEMS, or COMS must develop a site-specific monitoring plan according to the requirements in paragraphs (1) through (4) for the use of



any CEMS, COMS, or CPMS. This requirement also applies to the owner or operator if he/she petitions the EPA Administrator for alternative monitoring parameters under 40 CFR 63.8(f).

(1) For each CMS required in this section (including CEMS, COMS, or CPMS), the owner or operator must develop, and submit to the Administrator for approval upon request, a site-specific monitoring plan that addresses design, data collection, and the quality assurance and quality control elements outlined in 40 CFR 63.8(d) and the elements described in paragraphs (i) through (iii). The owner or operator must submit this site-specific monitoring plan, if requested, at least 60 days before his/her initial performance evaluation of the CMS. This requirement to develop and submit a site-specific monitoring plan does not apply to affected sources with existing CEMS or COMS operated according to the performance specifications under appendix B to part 60 and that meet the requirements of 40 CFR 63.7525. Using the process described in 40 CFR 63.8(f)(4), the owner or operator may request approval of alternative monitoring system quality assurance and quality control procedures in place of those specified in this paragraph and, if approved, include the alternatives in his/her site-specific monitoring plan.

(i) Installation of the CMS 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, accuracy audits, analytical drift).

(2) In the site-specific monitoring plan, the owner or operator must also address paragraphs (i) through (iii).

(i) 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);

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



(iii) Ongoing recordkeeping and reporting procedures in accordance with the general requirements of 40 CFR 63.10(c) (as applicable in Table 10 subpart DDDDD), (e)(1), and (e)(2)(i).

(3) The owner or operator must conduct a performance evaluation of each CMS in accordance with the site-specific monitoring plan.

(4) 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: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 3-16: Initial compliance for carbon monoxide
Effective between the dates of 09/11/2017 and 05/19/2018**

Applicable Federal Requirement:40CFR 63.7510(c), Subpart DDDDD

Item 3-16.1:

The owner or operator of a boiler or process heater subject to a carbon monoxide (CO) limit must demonstrate initial compliance for CO by conducting a performance test for CO according to Table 5 to subpart DDDDD or conducting a performance evaluation of his/her continuous CO monitor, if applicable, according to 40 CFR 63.7525(a). Boilers and process heaters that use a CO CEMS to comply with the applicable alternative CO CEMS emission standard listed in Tables 12, or 11 through 13 to subpart DDDDD, as specified in 40 CFR 63.7525(a), are exempt from the initial CO performance testing and oxygen concentration operating limit requirements specified in 40 CFR 63.7510(a).

**Condition 3-17: Compliance Certification
Effective between the dates of 09/11/2017 and 05/19/2018**

Applicable Federal Requirement:40CFR 63.7515(e), Subpart DDDDD

Item 3-17.1:

The Compliance Certification activity will be performed for the Facility.

Item 3-17.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

An owner or operator demonstrating compliance with the mercury, HCl, or TSM based on fuel analysis must conduct a monthly fuel analysis according to 40 CFR 63.7521 for each type of fuel burned that is subject to an emission limit



in Tables 1, 2, or 11 through 13 to subpart DDDDD. The owner or operator may comply with this monthly requirement by completing the fuel analysis any time within the calendar month as long as the analysis is separated from the previous analysis by at least 14 calendar days. If the owner or operator burns a new type of fuel, he/she must conduct a fuel analysis before burning the new type of fuel in his/her boiler or process heater. The owner or operator must still meet all applicable continuous compliance requirements in 40 CFR 63.7540. If each of 12 consecutive monthly fuel analyses demonstrates 75 percent or less of the compliance level, the owner or operator may decrease the fuel analysis frequency to quarterly for that fuel. If any quarterly sample exceeds 75 percent of the compliance level or the owner or operator begins burning a new type of fuel, he/she must return to monthly monitoring for that fuel, until 12 months of fuel analyses are again less than 75 percent of the compliance level.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 3-18: Compliance Certification
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:40CFR 63.7515(f), Subpart DDDDD

Item 3-18.1:

The Compliance Certification activity will be performed for the Facility.

Item 3-18.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator must report the results of performance tests and the associated fuel analyses within 60 days after the completion of the performance tests. This report must also verify that the operating limits for each boiler or process heater have not changed or provide documentation of revised operating limits established according to 40 CFR 63.7530 and Table 7 to subpart DDDDD, as applicable. The reports for all subsequent performance tests must include all applicable information required in 40 CFR 63.7550.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 3-19: Compliance Certification



Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement: 40CFR 63.7521(a), Subpart DDDDD

Item 3-19.1:

The Compliance Certification activity will be performed for the Facility.

Item 3-19.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For solid and liquid fuels, the owner or operator must conduct fuel analyses for chloride and mercury according to the procedures in 40 CFR 63.7521(b) through (e) and Table 6 to subpart DDDDD, as applicable. For solid fuels and liquid fuels, the owner or operator must also conduct fuel analyses for TSM if he/she is opting to comply with the TSM alternative standard. For gas 2 (other) fuels, the owner or operator must conduct fuel analyses for mercury according to the procedures in 40 CFR 63.7521(b) through (e) and Table 6 to subpart DDDDD, as applicable. (For gaseous fuels, the owner or operator may not use fuel analyses to comply with the TSM alternative standard or the HCl standard.) For purposes of complying with 40 CFR 63.7521, a fuel gas system that consists of multiple gaseous fuels collected and mixed with each other is considered a single fuel type and sampling and analysis is only required on the combined fuel gas system that will feed the boiler or process heater. Sampling and analysis of the individual gaseous streams prior to combining is not required. The owner or operator is not required to conduct fuel analyses for fuels used for only startup, unit shutdown, and transient flame stability purposes. The owner or operator is required to conduct fuel analyses only for fuels and units that are subject to emission limits for mercury, HCl, or TSM in Tables 1 and 2 or 11 through 13 to subpart DDDDD. Gaseous and liquid fuels are exempt from the sampling requirements in 40 CFR 63.7521(c) and (d) and Table 6 to subpart DDDDD.

The owner or operator may obtain a fuel analysis from the fuel supplier in lieu of site-specific sampling provided that the fuel supplier uses the analytical methods required by Table 6 of subpart DDDDD.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 3-20: Compliance Certification

Effective between the dates of 09/11/2017 and 05/19/2018



Applicable Federal Requirement:40CFR 63.7522, Subpart DDDDD

Item 3-20.1:

The Compliance Certification activity will be performed for the Facility.

Item 3-20.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

As an alternative to meeting the requirements of 40 CFR 63.7500 for particulate matter (or TSM), hydrogen chloride, or mercury on a boiler or process heater-specific basis, if the owner or operator has more than one existing boiler or process heater in any subcategory located at the facility, he/she may demonstrate compliance by emissions averaging, if the averaged emissions are not more than 90 percent of the applicable emission limit, according to the procedures in 40 CFR 63.7522. The owner or operator may not include new boilers or process heaters in an emissions average.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 3-21: Compliance Certification
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:40CFR 63.7525(d), Subpart DDDDD

Item 3-21.1:

The Compliance Certification activity will be performed for the Facility.

Item 3-21.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

An owner or operator that has an operating limit that requires the use of a CMS other than a PM CPMS or COMS must install, operate, and maintain each CMS according to the procedures in 40 CFR 63.7525(d)(1) through (5) by the compliance date specified in 40 CFR 63.7495.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 3-22: Compliance Certification
Effective between the dates of 09/11/2017 and 05/19/2018



Applicable Federal Requirement:40CFR 63.7525(f), Subpart DDDDD

Item 3-22.1:

The Compliance Certification activity will be performed for the Facility.

Item 3-22.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a boiler or process heater that has an operating limit that requires the use of a pressure monitoring system must meet the requirements in 40 CFR 63.7525(d) and 40 CFR 63.7525(f)(1) through (6).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 3-23: Compliance Certification
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:40CFR 63.7530(a), Subpart DDDDD

Item 3-23.1:

The Compliance Certification activity will be performed for the Facility.

Item 3-23.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator must demonstrate initial compliance with each emission limit that applies to the facility by conducting initial performance tests and fuel analyses and establishing operating limits, as applicable, according to 40 CFR 63.7520, 40 CFR 63.7530(b) and (c), and Tables 5 and 7 to subpart DDDDD. The requirement to conduct a fuel analysis is not applicable for units that burn a single type of fuel, as specified by 40 CFR 63.7510(a)(2)(i). If applicable, the owner or operator must also install, operate, and maintain all applicable CMS (including CEMS, COMS, and CPMS) according to 40 CFR 63.7525.

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 1/30/2018.

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

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Condition 3-24: Compliance Certification
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:40CFR 63.7530(c), Subpart DDDDD

Item 3-24.1:

The Compliance Certification activity will be performed for the Facility.

Item 3-24.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

An owner or operator that elects to demonstrate compliance with an applicable emission limit through fuel analysis must conduct or obtain fuel analyses according to 40 CFR 63.7521 and follow the procedures in 40 CFR 63.7530(c)(1) through (5).

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 1/30/2018.

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

Condition 3-25: Compliance Certification
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:40CFR 63.7530(e), Subpart DDDDD

Item 3-25.1:

The Compliance Certification activity will be performed for the Facility.

Item 3-25.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator must include with the Notification of Compliance Status a signed certification that the energy assessment was completed according to Table 3 to subpart DDDDD and is an accurate depiction of the facility at the time of the assessment.

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 1/30/2018.

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

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Condition 3-26: Notification of compliance status
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:40CFR 63.7530(f), Subpart DDDDD

Item 3-26.1:

The owner or operator of an affected boiler must submit the Notification of Compliance Status containing the results of the initial compliance demonstration according to the requirements in 40 CFR 63.7545(e).

Condition 3-27: Compliance Certification
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:40CFR 63.7530(h), Subpart DDDDD

Item 3-27.1:

The Compliance Certification activity will be performed for the Facility.

Item 3-27.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a unit subject to emission limits in Tables 1 or 2 or 11 through 13 to subpart DDDDD must meet the work practice standard according to Table 3 of subpart DDDDD. During startup and shutdown, the owner or operator must only follow the work practice standards according to item 5 of Table 3 of subpart DDDDD.

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 1/30/2018.

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

Condition 3-28: Compliance Certification
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:40CFR 63.7540(a), Subpart DDDDD

Item 3-28.1:

The Compliance Certification activity will be performed for the Facility.

Item 3-28.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an industrial, commercial, and

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institutional boiler or process heater must demonstrate continuous compliance with each emission limit in Tables 1 and 2 or 11 through 13 to subpart DDDDD, the work practice standards in Table 3 to subpart DDDDD, and the operating limits in Table 4 to subpart DDDDD that applies to you according to the methods specified in Table 8 to subpart DDDDD and 40 CFR 63.7540(a)(1) through (19).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 3-29: Performance test notification
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:40CFR 63.7545(d), Subpart DDDDD

Item 3-29.1:

Owners and operators that are required to conduct a performance test must submit a Notification of Intent to conduct a performance test at least 60 days before the performance test is scheduled to begin.

Condition 3-30: Notification of compliance status
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:40CFR 63.7545(e), Subpart DDDDD

Item 3-30.1:

Owners and operators that are required to conduct an initial compliance demonstration as specified in 40 CFR 63.7530 must submit a Notification of Compliance Status according to 40 CFR 63.9(h)(2)(ii). For the initial compliance demonstration for each affected source, the owner or operator must submit the Notification of Compliance Status, including all performance test results and fuel analyses, before the close of business on the 60th day following the completion of all performance test and/or other initial compliance demonstrations for the affected source according to 40 CFR 63.10(d)(2). The Notification of Compliance Status report must contain all the information specified in 40 CFR 63.7545(e)(1) through (8), as applicable.

Condition 3-31: Compliance Certification
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:40CFR 63.7550(b), Subpart DDDDD

Item 3-31.1:

The Compliance Certification activity will be performed for the Facility.

Item 3-31.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES



Monitoring Description:

Unless the EPA Administrator has approved a different schedule for submission of reports under 40 CFR 63.10(a), the owner or operator must submit each report, according to 40 CFR 63.7550(h), by the date in Table 9 to subpart DDDDD and according to the requirements in (1) through (4). For units that are subject only to a requirement to conduct an annual, biennial, or 5-year tune-up according to 40 CFR 63.7540(a)(10), (11), or (12), respectively, and not subject to emission limits or operating limits, the owner or operator may submit only an annual, biennial, or 5-year compliance report, as applicable, as specified in paragraphs (1) through (4), instead of a semiannual compliance report.

(1) The first compliance report must cover the period beginning on the compliance date that is specified for each boiler or process heater in 40 CFR 63.7495 and ending on July 31 or January 31, whichever date is the first date that occurs at least 180 days (or 1, 2, or 5 years, as applicable, if submitting an annual, biennial, or 5-year compliance report) after the compliance date that is specified for the owner or operators source in 40 CFR 63.7495.

(2) The first compliance report must be postmarked or submitted no later than July 31 or January 31, whichever date is the first date following the end of the first calendar half after the compliance date that is specified for each boiler or process heater in 40 CFR 63.7495. The first annual, biennial, or 5-year compliance report must be postmarked or submitted no later than January 31.

(3) Each subsequent compliance report must cover the semiannual reporting period from January 1 through June 30 or the semiannual reporting period from July 1 through December 31. Annual, biennial, and 5-year compliance reports must cover the applicable 1-, 2-, or 5-year periods from January 1 to December 31.

(4) Each subsequent compliance report must be postmarked or submitted no later than July 31 or January 31, whichever date is the first date following the end of the semiannual reporting period. Annual, biennial, and 5-year compliance reports must be postmarked or submitted no later than January 31.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

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Condition 3-32: Compliance Certification
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:40CFR 63.7550(c), Subpart DDDDD

Item 3-32.1:

The Compliance Certification activity will be performed for the Facility.

Item 3-32.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The compliance report must contain the information required in 40 CFR 63.7550(c)(1) through (5).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 3-33: Compliance Certification
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:40CFR 63.7550(e), Subpart DDDDD

Item 3-33.1:

The Compliance Certification activity will be performed for the Facility.

Item 3-33.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For each deviation from an emission limit, operating limit, and monitoring requirement in subpart DDDDD occurring at an affected source where the owner or operator is using a CMS to comply with that emission limit or operating limit, he/she must include the information required in 40 CFR 63.7550(e)(1) through (9). This includes any deviations from the site-specific monitoring plan as required in 40 CFR 63.7505(d).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 3-34: Compliance Certification
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:40CFR 63.7550(h), Subpart DDDDD

Item 3-34.1:

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The Compliance Certification activity will be performed for the Facility.

Item 3-34.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Facility must submit the reports according to the procedures specified in paragraphs (1) through (3).

(1) Within 60 days after the date of completing each performance test (defined in 40 CFR 63.2) as required by Subpart DDDDD the facility must submit the results of the performance tests, including any associated fuel analyses, required by Subpart DDDDD and the compliance reports required in 40 CFR 63.7550(b) to the EPA's WebFIRE database by using the Compliance and Emissions Data Reporting Interface (CEDRI) that is accessed through the EPA's Central Data Exchange (CDX) (www.epa.gov/cdx). Performance test data must be submitted in the file format generated through use of the EPA's Electronic Reporting Tool (ERT) (see <http://www.epa.gov/ttn/chief/ert/index.html>). Only data collected using test methods on the ERT Web site are subject to this requirement for submitting reports electronically to WebFIRE. Owners or operators who claim that some of the information being submitted for performance tests is confidential business information (CBI) must submit a complete ERT file including information claimed to be CBI on a compact disk or other commonly used electronic storage media (including, but not limited to, flash drives) to the EPA. The electronic media must be clearly marked as CBI and mailed to U.S. EPA/OAPQS/CORE CBI Office, Attention: WebFIRE Administrator, MD C404-02, 4930 Old Page Rd., Durham, NC 27703. The same ERT file with the CBI omitted must be submitted to the EPA via CDX as described earlier in this paragraph. At the discretion of the Administrator, facility must also submit these reports, including the confidential business information, to the Administrator in the format specified by the Administrator. For any performance test conducted using test methods that are not listed on the ERT Web site, the owner or operator shall submit the results of the performance test in paper submissions to the Administrator.

(2) Within 60 days after the date of completing each CEMS performance evaluation test (defined in 40 CFR 63.2) facility must submit the relative accuracy test audit (RATA) data to the EPA's Central Data Exchange by using CEDRI as mentioned in paragraph (1). Only RATA pollutants that can be documented with the ERT (as listed on the ERT

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Web site) are subject to this requirement. For any performance evaluations with no corresponding RATA pollutants listed on the ERT Web site, the owner or operator shall submit the results of the performance evaluation in paper submissions to the Administrator.

(3) Facility must submit all reports required by Table 9 of Subpart DDDDD electronically using CEDRI that is accessed through the EPA's Central Data Exchange (CDX) (www.epa.gov/cdx). However, if the reporting form specific to Subpart DDDDD is not available in CEDRI at the time that the report is due facility must submit the report to the Administrator at the appropriate address listed in 40 CFR 63.13. At the discretion of the Administrator, facility must also submit these reports, to the Administrator in the format specified by the Administrator.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 3-35: Compliance Certification
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:40CFR 63.7555(a), Subpart DDDDD

Item 3-35.1:

The Compliance Certification activity will be performed for the Facility.

Item 3-35.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator must keep records according to paragraphs (1) and (2).

(1) A copy of each notification and report that was submitted to comply with this subpart, including all documentation supporting any Initial Notification or Notification of Compliance Status or semiannual compliance report that was submitted, according to the requirements in 40 CFR 63.10(b)(2)(xiv).

(2) Records of performance tests, fuel analyses, or other compliance demonstrations and performance evaluations as required in 40 CFR 63.10(b)(2)(viii).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

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Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 3-36: Compliance Certification
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:40CFR 63.7555(c), Subpart DDDDD

Item 3-36.1:

The Compliance Certification activity will be performed for the Facility.

Item 3-36.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator must keep the records required in Table 8 to subpart DDDDD including records of all monitoring data and calculated averages for applicable operating limits, such as opacity, pressure drop, pH, and operating load, to show continuous compliance with each emission limit and operating limit that apply.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 3-37: Compliance Certification
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:40CFR 63.7555(i), Subpart DDDDD

Item 3-37.1:

The Compliance Certification activity will be performed for the Facility.

Item 3-37.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator must maintain records of the calendar date, time, occurrence and duration of each startup and shutdown.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 3-38: Compliance Certification
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:40CFR 63.7555(j), Subpart DDDDD

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Item 3-38.1:

The Compliance Certification activity will be performed for the Facility.

Item 3-38.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

You must maintain records of the type(s) and amount(s) of fuels used during each startup and shutdown.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 3-39: Compliance Certification
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:40CFR 63.7560, Subpart DDDDD

Item 3-39.1:

The Compliance Certification activity will be performed for the Facility.

Item 3-39.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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 occurrence, measurement, maintenance, corrective action, report, or record.

The owner or operator must keep each record on site, or they must be accessible from on site (for example, through a computer network), for at least 2 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to 40 CFR 63.10(b)(1). The owner or operator can keep the records off site for the remaining 3 years.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 3-40: General provisions
Effective between the dates of 09/11/2017 and 05/19/2018



Applicable Federal Requirement:40CFR 63.7565, Subpart DDDDD

Item 3-40.1:

Table 10 to subpart DDDDD 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 10.

Condition 52: Applicability
Effective between the dates of 05/20/2013 and 05/19/2018

Applicable Federal Requirement:40CFR 63, Subpart ZZZZ

Item 52.1:

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

Condition 3-41: Compliance and Enforcement
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:40CFR 63, Subpart ZZZZ

Item 3-41.1:

The Department has not accepted delegation of 40 CFR Part 63 Subpart ZZZZ, National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines. Any questions concerning compliance and/or enforcement of this regulation should be referred to USEPA Region 2, 290 Broadway, 21st Floor, New York, NY 10007-1866; (212) 637-4080. Should the Department decide to accept delegation of 40 CFR Part 63 Subpart ZZZZ during the term of this permit, enforcement of this regulation will revert to the Department as of the effective date of delegation.

Condition 3-42: Fuel requirements for existing emergency stationary CI
RICE

Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:40CFR 63.6604, Subpart ZZZZ

Item 3-42.1:

Beginning January 1, 2015, the owner or operator of an existing emergency CI stationary RICE with a site rating of more than 100 brake HP and a displacement of less than 30 liters per cylinder that uses diesel fuel and operates or is contractually obligated to be available for more than 15 hours per calendar year for the purposes specified in 40 CFR 63.6640(f)(2)(ii) and (iii) or that operates for the purpose specified in 40 CFR 63.6640(f)(4)(ii) must use diesel fuel that meets the requirements in 40 CFR 80.510(b) for nonroad diesel fuel, except that any existing



diesel fuel purchased (or otherwise obtained) prior to January 1, 2015, may be used until depleted.

Condition 3-43: Performance test requirements

Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:40CFR 63.6620(b), Subpart ZZZZ

Item 3-43.1:

Each performance test must be conducted according to the requirements that subpart ZZZZ specifies in Table 4. The owner or operator of a non-operational stationary RICE that is subject to performance testing does not need to start up the engine solely to conduct the performance test. Owners and operators of a non-operational engine can conduct the performance test when the engine is started up again. The test must be conducted at any load condition within plus or minus 10 percent of 100 percent load for the stationary RICE listed in paragraphs (1) through (4).

(1) Non-emergency 4SRB stationary RICE with a site rating of greater than 500 brake HP located at a major source of HAP emissions.

(2) New non-emergency 4SLB stationary RICE with a site rating of greater than or equal to 250 brake HP located at a major source of HAP emissions.

(3) New non-emergency 2SLB stationary RICE with a site rating of greater than 500 brake HP located at a major source of HAP emissions.

(4) New non-emergency CI stationary RICE with a site rating of greater than 500 brake HP located at a major source of HAP emissions.

Condition 53: Title V and NESHAP reporting

Effective between the dates of 05/20/2013 and 05/19/2018

Applicable Federal Requirement:40CFR 63.6650(f), Subpart ZZZZ

Item 53.1:

This Condition applies to:

Emission Unit: U00002

Emission Unit: U00003

Emission Unit: U00004

Item 53.2:

Each affected source that has obtained a title V operating permit pursuant to 40 CFR part 70 or 71 must report all deviations as defined in this subpart in the semiannual monitoring report required by 40 CFR 70.6 (a)(3)(iii)(A) or 40 CFR 71.6(a)(3)(iii)(A). If an affected source



submits a Compliance report pursuant to Table 7 of this subpart along with, or as part of, the semiannual monitoring report required by 40 CFR 70.6(a)(3)(iii)(A) or 40 CFR 71.6(a)(3)(iii)(A), and the Compliance report includes all required information concerning deviations from any emission or operating limitation in this subpart, submission of the Compliance report shall be deemed to satisfy any obligation to report the same deviations in the semiannual monitoring report. However, submission of a Compliance report shall not otherwise affect any obligation the affected source may have to report deviations from permit requirements to the permit authority.

Condition 54: Compliance Certification
Effective between the dates of 05/20/2013 and 05/19/2018

Applicable Federal Requirement:40 CFR Part 64

Item 54.1:

The Compliance Certification activity will be performed for the Facility.

Item 54.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

This facility is subject to the Compliance Assurance Monitoring Rule (CAM Rule). The owner or operator of this facility must submit a plan to the Department for its review and approval showing how they will comply with this rule. The plan must include the following:

- An indicator to be monitored to show compliance with the applicable emission limit or standard.
- The ranges or designated conditions for such indicators, or the process by which such indicators ranges or designed conditions will be established.
- the performance criteria for the monitoring stated above
- if applicable, the indicator ranges and performance criteria for a CEMS, COMS or PEMS (if used).

The owner or operator of this facility shall submit an annual report of the monitoring required above. The report shall include the following:

- summary of information on the number, duration and cause (including unknown cause) of excursions or exceedances, as applicable, and the corrective actions taken;
- summary information on the number, duration and cause (including unknown cause) for monitor downtime incidents (other than downtime associated with zero and span or other daily calibration checks if applicable); and
- a description of the actions taken to implement a Quality Improvement Plan (QIP) during the reporting

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period. Upon completion of a QIP, the owner or operator shall include in the next summary report documentation that the implementation of the plan has been completed and reduced the likelihood of similar levels of excursions or exceedances occurring.

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 1/30/2014.

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

Condition 3-44: Compliance Certification
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:40CFR 97.406, Subpart AAAAA

Item 3-44.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

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

Item 3-44.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(1) The facility shall comply with the requirement to have a designated representative, and may have an alternate designated representative, in accordance with §§97.413 through 97.418 of Subpart AAAAA. The facility shall notify the Department of this representative (and alternative) with contact information upon issuance of this permit and when any changes are made to the representative (or alternative) or their contact information.

(2) The facility, and the designated representative, of each TR NOX Annual source (facility) and each TR NOX Annual Unit at the facility shall comply with the monitoring, reporting, and recordkeeping requirements of §§97.430 through 97.435 of Subpart AAAAA and subpart H of part 75 of this chapter. This includes but is not limited to: requirements for installation, certification, and data accounting for all required monitoring systems; requirements for recording, reporting, and quality-assurance of the data; and certification of compliance of such data. Data from continuous emission monitoring equipment are submitted quarterly (calendar year). These reports are generally due 30 days after the

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end of a calendar quarter. All other monitoring data are submitted to the DEC semiannually (calendar year). These reports are due on January 30th and July 30th of each year.

(3) The emissions data determined shall be used to calculate allocations of TR NOx Annual allowances and to determine compliance with the TR NOx Annual emissions limitation and assurance provisions. As of the allowance transfer deadline for a control period in a given year, the owners and operators of each TR NOx Annual facility and each TR NOx Annual Unit at the facility shall hold, in the facilities compliance account, TR NOx Annual allowances available for deduction for such control period under §97.424(a) in an amount not less than the tons of total NOx emissions for such control period from all TR NOx Annual Units at the facility.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 3-45: Compliance Certification
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:40CFR 97.506, Subpart BBBBB

Item 3-45.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

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

Item 3-45.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(1) The facility shall comply with the requirement to have a designated representative, and may have an alternate designated representative, in accordance with §§97.513 through 97.518 of Subpart BBBBB. The facility shall notify the Department of this representative (and alternative) with contact information upon issuance of this permit and when any changes are made to the representative (or alternative) or their contact information.

(2) The facility, and the designated representative, of each TR NOx Ozone Season source (facility) and each TR NOx



Ozone Season Unit at the facility shall comply with the monitoring, reporting, and recordkeeping requirements of §§97.530 through 97.535 of Subpart BBBBB and subpart H of part 75 of this chapter. This includes but is not limited to: requirements for installation, certification, and data accounting for all required monitoring systems; requirements for recording, reporting, and quality-assurance of the data; and certification of compliance of such data. Data from continuous emission monitoring equipment are submitted quarterly (calendar year). These reports are generally due 30 days after the end of a calendar quarter. All other monitoring data are submitted to the DEC semiannually (calendar year). These reports are due on January 30th and July 30th of each year.

(3) The emissions data determined shall be used to calculate allocations of TR NO_x Ozone Season allowances and to determine compliance with the TR NO_x Ozone Season emissions limitation and assurance provisions. As of the allowance transfer deadline for a control period in a given year, the owners and operators of each TR NO_x Ozone Season facility and each TR NO_x Ozone Season Unit at the facility shall hold, in the facilities compliance account, TR NO_x Ozone Season allowances available for deduction for such control period under §97.524(a) in an amount not less than the tons of total NO_x emissions for such control period from all TR NO_x Ozone Season Units at the facility.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 3-46: Compliance Certification
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:40CFR 97.606, Subpart CCCCC

Item 3-46.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 3-46.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(1) The facility shall comply with the requirement to have a designated representative, and may have an



alternate designated representative, in accordance with §§97.613 through 97.618 of Subpart CCCCC. The facility shall notify the Department of this representative (and alternative) with contact information upon issuance of this permit and when any changes are made to the representative (or alternative) or their contact information.

(2) The facility, and the designated representative, of each TR SO₂ Group 1 source (facility) and each TR SO₂ Group 1 Unit at the facility shall comply with the monitoring, reporting, and recordkeeping requirements of §§97.630 through 97.635 of Subpart CCCCC and subpart H of part 75 of this chapter. This includes but is not limited to: requirements for installation, certification, and data accounting for all required monitoring systems; requirements for recording, reporting, and quality-assurance of the data; and certification of compliance of such data. Data from continuous emission monitoring equipment are submitted quarterly (calendar year). These reports are generally due 30 days after the end of a calendar quarter. All other monitoring data are submitted to the DEC semiannually (calendar year). These reports are due on January 30th and July 30th of each year.

(3) The emissions data determined shall be used to calculate allocations of TR SO₂ Group 1 allowances and to determine compliance with the TR SO₂ Group 1 emissions limitation and assurance provisions. As of the allowance transfer deadline for a control period in a given year, the owners and operators of each TR SO₂ Group 1 facility and each TR SO₂ Group 1 Unit at the facility shall hold, in the facilities' compliance account, TR SO₂ Group 1 allowances available for deduction for such control period under §97.624(a) in an amount not less than the tons of total SO₂ emissions for such control period from all TR SO₂ Group 1 Units at the facility.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

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

**Condition 55: Emission Point Definition By Emission Unit
Effective between the dates of 05/20/2013 and 05/19/2018**

Applicable Federal Requirement:6 NYCRR Subpart 201-6

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Item 55.1(From Mod 3):

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

Emission Unit: U-00001

Emission Point: 00001

Height (ft.): 235

Diameter (in.): 108

NYTMN (km.): 4876.235 NYTME (km.): 438.094 Building: BLDG A

Item 55.2(From Mod 0):

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

Emission Unit: U-00002

Emission Point: 00002

Height (ft.): 11

Diameter (in.): 12

NYTMN (km.): 4876.253 NYTME (km.): 438.208 Building: BLDG. C

Item 55.3(From Mod 0):

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

Emission Unit: U-00003

Emission Point: 00003

Height (ft.): 11

Diameter (in.): 12

NYTMN (km.): 4876.255 NYTME (km.): 438.205 Building: BLDG. C

Item 55.4(From Mod 0):

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

Emission Unit: U-00004

Emission Point: 00004

Height (ft.): 11

Diameter (in.): 12

NYTMN (km.): 4876.25 NYTME (km.): 438.205 Building: BLDG. C

Item 55.5(From Mod 0):

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

Emission Unit: U-00005

Emission Point: 00007

Height (ft.): 100

Length (in.): 5400

Width (in.): 3780

NYTMN (km.): 4876.26 NYTME (km.): 438.245

Emission Point: 00008

Height (ft.): 100

Length (in.): 1680

Width (in.): 1080

NYTMN (km.): 4876.253 NYTME (km.): 438.25

Condition 56: Process Definition By Emission Unit

Effective between the dates of 05/20/2013 and 05/19/2018



Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 56.1(From Mod 3):

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

Emission Unit: U-00001

Process: C01

Source Classification Code: 1-01-009-03

Process Description:

This process is for combustion of wood fired alone or in combination with other fuels in one or more boilers. The process ID has been renumbered from the existing ID (C04) in the current permit to C01. The maximum total heat input to Emission Unit U-00001 is 900 mmbtu/hr (24 hour block average); compliance with this condition is to be based on representative fuel data and CEMs stack flow, Fd factor for the fuel(s) fired and a correction for stack %O2 content (40CFR60, Appendix A, Method 19). This is how Black River monitors total heat input to U-00001 currently.

Emission Source/Control: E0001 - Combustion

Design Capacity: 300 million Btu per hour

Emission Source/Control: E0002 - Combustion

Design Capacity: 300 million Btu per hour

Emission Source/Control: E0003 - Combustion

Design Capacity: 300 million Btu per hour

Item 56.2(From Mod 3):

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

Emission Unit: U-00001

Process: C02

Source Classification Code: 1-01-009-03

Process Description:

This process is for combustion of unadulterated wood separated from C&D debris, as approved by a BUD, fired alone or in combination with other fuels in one or more boilers. Combustion of this fuel is allowed only in accordance with the provisions of an approved BUD. The maximum total heat input to Emission Unit U-00001 is 900 mmbtu/hr (24 hour block average); compliance with this condition is to be based on representative fuel data and CEMs stack flow, Fd factor for the fuel(s) fired and a correction for stack %O2 content (40CFR60, Appendix A, Method 19). This is how Black River monitors total heat input to U-00001 currently.

Emission Source/Control: E0001 - Combustion

Design Capacity: 300 million Btu per hour

Emission Source/Control: E0002 - Combustion

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Design Capacity: 300 million Btu per hour

Emission Source/Control: E0003 - Combustion

Design Capacity: 300 million Btu per hour

Item 56.3(From Mod 3):

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

Emission Unit: U-00001

Process: C03

Source Classification Code: 1-01-005-01

Process Description:

This process is for the combustion of fuel oil fired alone or in combination with other fuels in one or more boilers. The maximum total heat input to Emission Unit U-00001 is 900 mmbtu/hr (24 hour block average); compliance with this condition is to be based on representative fuel data and CEMs stack flow, Fd factor for the fuel(s) fired and a correction for stack %O2 content (40CFR60, Appendix A, Method 19). This is how Black River monitors total heat input to U-00001 currently.

The oil fired burners are not large enough to run the facility. They are strictly used for start-up, shutdown, flame stabilization and load changing.

Emission Source/Control: E0001 - Combustion

Design Capacity: 300 million Btu per hour

Emission Source/Control: E0002 - Combustion

Design Capacity: 300 million Btu per hour

Emission Source/Control: E0003 - Combustion

Design Capacity: 300 million Btu per hour

Item 56.4(From Mod 3):

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

Emission Unit: U-00001

Process: C04

Source Classification Code: 1-01-012-01

Process Description:

This process is for the co-firing of an alternative fuel, tire derived fuel (TDF), fired in combination with other fuels in one or more boilers and limited to 30 weight percent or less of the total fuel feed. This process has been re-numbered from C08. The maximum total heat input to Emission Unit U-00001 is 900 mmbtu/hr (24 hour block average); compliance with this condition is to be based on representative fuel data and CEMs stack flow, Fd factor for the fuel(s) fired and a correction for stack %O2 content (40CFR60, Appendix A, Method 19). This is how Black River monitors total heat input to U-00001 currently.

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Emission Source/Control: E0001 - Combustion
Design Capacity: 300 million Btu per hour

Emission Source/Control: E0002 - Combustion
Design Capacity: 300 million Btu per hour

Emission Source/Control: E0003 - Combustion
Design Capacity: 300 million Btu per hour

Item 56.5(From Mod 3):

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

Emission Unit: U-00001

Process: C05

Source Classification Code: 1-01-012-01

Process Description:

This process is for the co-firing of an alternative fuel, creosote treated wood (CTW), fired in combination with other fuels in one or more boilers and limited to 30 weight percent or less of the total fuel feed. Combustion of this fuel is allowed only in accordance with the provisions of an approved BUD. The maximum total heat input to Emission Unit U-00001 is 900 mmbtu/hr (24 hour block average); compliance with this condition is to be based on representative fuel data and CEMs stack flow, Fd factor for the fuel(s) fired and a correction for stack %O2 content (40CFR60, Appendix A, Method 19). This is how Black River monitors total heat input to U-00001 currently.

Emission Source/Control: E0001 - Combustion
Design Capacity: 300 million Btu per hour

Emission Source/Control: E0002 - Combustion
Design Capacity: 300 million Btu per hour

Emission Source/Control: E0003 - Combustion
Design Capacity: 300 million Btu per hour

Item 56.6(From Mod 3):

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

Emission Unit: U-00001

Process: C06

Source Classification Code: 1-01-012-01

Process Description:

This process is for the co-firing of an alternative fuel, glued wood (particle board and plywood), fired in combination with other fuels in one or more boilers and limited to 30% or less of the total fuel feed. Combustion of this fuel is allowed only in accordance with the provisions of an approved BUD. The maximum total heat input to Emission Unit U-00001 is 900 mmbtu/hr (24 hour

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block average); compliance with this condition is to be based on representative fuel data and CEMs stack flow, Fd factor for the fuel(s) fired and a correction for stack %O2 content (40CFR60, Appendix A, Method 19). This is how Black River monitors total heat input to U-00001 currently.

Emission Source/Control: E0001 - Combustion
Design Capacity: 300 million Btu per hour

Emission Source/Control: E0002 - Combustion
Design Capacity: 300 million Btu per hour

Emission Source/Control: E0003 - Combustion
Design Capacity: 300 million Btu per hour

Item 56.7(From Mod 3):

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

Emission Unit: U-00001

Process: C07

Source Classification Code: 1-02-012-01

Process Description:

This process is for the co-firing of an alternative fuel, non-recyclable fibrous material (waste paper), fired in combination with other fuels in one or more boilers and limited to 30 weight percent or less total fuel feed. Combustion of this fuel is allowed only in accordance with the provisions of an approved BUD. The maximum total heat input to Emission Unit U-00001 is 900 mmbtu/hr (24 hour block average); compliance with this condition is to be based on representative fuel data and CEMs stack flow, Fd factor for the fuel(s) fired and a correction for stack %O2 content (40CFR60, Appendix A, Method 19). This is how Black River monitors total heat input to U-00001 currently.

Emission Source/Control: E0001 - Combustion
Design Capacity: 300 million Btu per hour

Emission Source/Control: E0002 - Combustion
Design Capacity: 300 million Btu per hour

Emission Source/Control: E0003 - Combustion
Design Capacity: 300 million Btu per hour

Item 56.8(From Mod 3):

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

Emission Unit: U-00002

Process: P06

Source Classification Code: 2-02-001-02

Process Description:

EMISSION UNIT U00002 REPRESENTS A 13.0

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MMBTU/HR MITSUBISHI ENGINE USED TO PROVIDE
BACK-UP POWER FOR THE FACILITY.

Emission Source/Control: E0004 - Combustion
Design Capacity: 13 million Btu per hour

Item 56.9(From Mod 3):

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

Emission Unit: U-00003
Process: P07 Source Classification Code: 2-02-001-02
Process Description:
EMISSION UNIT U00003 REPRESENTS A 13.0
MMBTU/HR MITSUBISHI ENGINE USED TO PROVIDE
BACKUP POWER FOR THE FACILITY.

Emission Source/Control: E0005 - Combustion
Design Capacity: 13 million Btu per hour

Item 56.10(From Mod 3):

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

Emission Unit: U-00004
Process: P08 Source Classification Code: 2-02-001-02
Process Description:
EMISSION UNIT U00004 REPRESENTS A 11.5
MMBTU/HR MITSUBISHI ENGINE USED TO PROVIDE
BACKUP POWER FOR THE FACILITY.

Emission Source/Control: E0006 - Combustion
Design Capacity: 11.5 million Btu per hour

Item 56.11(From Mod 3):

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

Emission Unit: U-00005
Process: S01 Source Classification Code: 3-07-008-21
Process Description:
This process includes associated machinery require to
process, transport, and convey solid fuel from receiving
to stockpile to boiler fuel supply which includes
unloading, stack-out, and reclaim conveyors.

Emission Source/Control: E0007 - Process
Design Capacity: 30,000 tons per day

Emission Source/Control: E0009 - Process
Design Capacity: 60,000 tons per day

Item 56.12(From Mod 0):

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



Emission Unit: U-00002
Process: D01 Source Classification Code: 2-02-001-02
Process Description:
This process is for internal combustion of fuel oil for the purpose of peak electrical shaving and internal power generation.

Emission Source/Control: E0004 - Combustion
Design Capacity: 13 million Btu per hour

Item 56.13(From Mod 0):

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

Emission Unit: U-00003
Process: D02 Source Classification Code: 2-02-001-02
Process Description:
This process is for internal combustion of fuel oil for the purpose of peak electrical shaving and internal power generation.

Emission Source/Control: E0005 - Combustion
Design Capacity: 13 million Btu per hour

Item 56.14(From Mod 0):

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

Emission Unit: U-00004
Process: D03 Source Classification Code: 2-02-001-02
Process Description:
This process is for internal combustion of fuel oil for the purpose of peak electrical shaving and internal power generation.

Emission Source/Control: E0006 - Combustion
Design Capacity: 11.5 million Btu per hour

**Condition 3-47: Capping Monitoring Condition
Effective between the dates of 09/11/2017 and 05/19/2018**

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 3-47.1:

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 Subpart 231-8

Item 3-47.2:

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

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Item 3-47.3:

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 3-47.4:

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 3-47.5:

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 3-47.6:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 3-47.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

ReEnergy shall employ the "grid test" which consists of a 10 by 10 grid placed over the wood stream and checked to determine the percentage of glued wood, treated/painted wood, and non-wood materials. If it is determined that the percentage of glued wood is between 0 and 1.0% by volume, then the percentage of glued wood for that load is 1%. If it is determined that the percentage of glued wood is between 1% and 20% by volume, the percentage of glued wood for that load is 20%. If it is determined that the percentage of glued wood is greater than 20% by volume, then the load is considered to 100% glued wood. This method shall be employed once every 5 loads per supplier.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

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Reports due 30 days after the reporting period.
The initial report is due 1/30/2018.
Subsequent reports are due every 6 calendar month(s).

Condition 3-48: Capping Monitoring Condition
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 3-48.1:

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 Subpart 231-8

Item 3-48.2:

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

Item 3-48.3:

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 3-48.4:

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 3-48.5:

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 3-48.6:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 3-48.7:

Compliance Certification shall include the following monitoring:

New York State Department of Environmental Conservation

Permit ID: 6-2240-00009/00007

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Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Fuel derived from glued wood, creosote treated wood and construction and demolition debris (CDD) must be sampled and subjected to Confirmatory Analysis (i.e., proximate and ultimate analyses) in conformance with §§ 5.5.5 to 5.5.8 inclusively and Section 6 of Attachment 3 of the approved application for a Beneficial Use Determination (BUD) dated January 3, 2013. The ultimate analysis is used to determine the composition of a sample in weight percent of carbon, hydrogen, oxygen, sulfur and nitrogen. The proximate analysis is used to determine the Higher Heating Value, percent moisture, percent ash, percent volatile material and percent fixed carbon.

In addition to the above, ReEnergy must perform Confirmatory Analysis on fuel delivered to the facility at least once each year for each supplier.

All sample results must be kept at the facility for a period of five years and made available to Department staff upon request.

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 1/30/2018.

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

Condition 3-49: Capping Monitoring Condition
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 3-49.1:

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 Subpart 231-6

Item 3-49.2:

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

Item 3-49.3:

The owner or operator of the permitted facility must maintain all required records on-site for a

New York State Department of Environmental Conservation

Permit ID: 6-2240-00009/00007

Facility DEC ID: 6224000009



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 3-49.4:

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 3-49.5:

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 3-49.6:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant(s):

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

Item 3-49.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

PSD NOx limit for the fluidized bed boiler system. To aid in permit streamlining, this also covers the NOx emission limit and monitoring requirements of 40 CFR 60.44b(a) and 40 CFR 60.48b(b). This emission limit also applies to Part 227-2.4(b).

Manufacturer Name/Model Number: TECO Model 42C-HL

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 538.0 tons per year

Reference Test Method: 40CFR60, APP. B & F

Monitoring Frequency: CONTINUOUS

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2017.

Subsequent reports are due every 3 calendar month(s).

Condition 3-50: Capping Monitoring Condition

Effective between the dates of 09/11/2017 and 05/19/2018



Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 3-50.1:

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 Subpart 231-8

Item 3-50.2:

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

Item 3-50.3:

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 3-50.4:

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 3-50.5:

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 3-50.6:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 3-50.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

In the 3 fluidized bed boilers, the maximum amount of all "alternative" fuels fired at any time is limited to 30% by weight. Alternative fuels are defined by processes C02,

New York State Department of Environmental Conservation

Permit ID: 6-2240-00009/00007

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C04, C05, C06 and C07.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: FUEL

Upper Permit Limit: 30 percent

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2017.

Subsequent reports are due every 3 calendar month(s).

Condition 3-51: Capping Monitoring Condition
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 3-51.1:

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 Subpart 231-8

Item 3-51.2:

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

Item 3-51.3:

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 3-51.4:

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 3-51.5:

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 3-51.6:

The Compliance Certification activity will be performed for:

New York State Department of Environmental Conservation

Permit ID: 6-2240-00009/00007

Facility DEC ID: 6224000009



Emission Unit: U-00001

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 3-51.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The in stack continuous emission monitoring of sulfur dioxide for the common three boiler exhaust is limited to 0.20 lbs of SO₂ per mmBtu. This also covers the sulfur dioxide emissions limit given in 40 cfr 63 subpart DDDDD.

Manufacturer Name/Model Number: Teco 43C-HL

Parameter Monitored: SULFUR DIOXIDE

Upper Permit Limit: 0.20 pounds per million Btus

Reference Test Method: 40CFR60, APP. B & F

Monitoring Frequency: CONTINUOUS

Averaging Method: 30 DAY ROLLING AVERAGE, ROLLED DAILY

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2017.

Subsequent reports are due every 3 calendar month(s).

Condition 3-52: Capping Monitoring Condition

Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 3-52.1:

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 Subpart 231-8

Item 3-52.2:

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

Item 3-52.3:

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.

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Permit ID: 6-2240-00009/00007

Facility DEC ID: 6224000009



Item 3-52.4:

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 3-52.5:

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 3-52.6:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant(s):

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

Item 3-52.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

PSD NOx limit for the fluidized bed boiler system. To aid in permit streamlining, this also covers the NOx emission limit and monitoring requirements of 40 CFR 60.44b(a) and 40 CFR 60.48b(b). This emission limit also applies to Part 227-2.4(b). The averaging method is 24 hours during the ozone season (May 1 - September 30) of each year. The averaging method is 30 days outside of the ozone season. If ReEnergy cannot meet this NOx emission limit, within the first 6 months of permit issuance, ReEnergy can develop startup and shutdown limitations. The demonstrated emissions from those startups and shutdowns will be used to develop those emission limits.

Manufacturer Name/Model Number: TECO Model 42C-HL

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.170 pounds per million Btus

Reference Test Method: 40CFR60, APP. B & F

Monitoring Frequency: CONTINUOUS

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2017.

Subsequent reports are due every 3 calendar month(s).

New York State Department of Environmental Conservation

Permit ID: 6-2240-00009/00007

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Condition 3-53: Capping Monitoring Condition
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 3-53.1:

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 Subpart 231-8

Item 3-53.2:

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

Item 3-53.3:

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 3-53.4:

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 3-53.5:

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 3-53.6:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant(s):

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

Item 3-53.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

New York State Department of Environmental Conservation

Permit ID: 6-2240-00009/00007

Facility DEC ID: 6224000009



Facility is limited to operating a total heat input of 6.330E+6 million btu per year calculated on a monthly rolling total for the 3 boilers. Records of heat input must be maintained to determine compliance.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: FUEL

Upper Permit Limit: 6.330E+6 million British thermal units per year

Monitoring Frequency: MONTHLY

Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2017.

Subsequent reports are due every 3 calendar month(s).

Condition 3-54: Capping Monitoring Condition
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 3-54.1:

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 Subpart 231-8

Item 3-54.2:

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

Item 3-54.3:

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 3-54.4:

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 3-54.5:

New York State Department of Environmental Conservation

Permit ID: 6-2240-00009/00007

Facility DEC ID: 6224000009



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 3-54.6:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 3-54.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

ReEnergy shall monitor steam flow as a surrogate to monitoring heat input. 206,000 lb/hr corresponds to 300 mmbtu/hr. Since steam flow is a function of boiler efficiency, boiler efficiency shall be calibrated and updated every month.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: STEAM FLOW RATE

Upper Permit Limit: 206,000 pounds per hour

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2017.

Subsequent reports are due every 3 calendar month(s).

Condition 3-55: Capping Monitoring Condition

Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 3-55.1:

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 Subpart 231-8

Item 3-55.2:

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

New York State Department of Environmental Conservation

Permit ID: 6-2240-00009/00007

Facility DEC ID: 6224000009



Item 3-55.3:

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 3-55.4:

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 3-55.5:

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 3-55.6:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 3-55.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

ReEnergy may elect to monitor steam flow as a surrogate to monitoring heat input. Total steam production of ~617,000 lb/hr (24 hr block average) from the 3 boilers that make up Emission Unit U-00001 corresponds to 900 mmbtu/hr at 7% O₂. Since steam flow is a function of boiler efficiency, average combustion efficiency of U-00001 would need to be calibrated and updated for each 24 hr averaging period if this compliance surrogate method is elected as an alternative to the direct stack measurement to determine compliance against the short term (24 hr) and long term heat input limits.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: STEAM FLOW RATE

Upper Permit Limit: 617000 pounds per hour

Monitoring Frequency: CONTINUOUS

Averaging Method: 24 HOUR BLOCK AVERAGE

New York State Department of Environmental Conservation

Permit ID: 6-2240-00009/00007

Facility DEC ID: 6224000009



Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2017.

Subsequent reports are due every 3 calendar month(s).

Condition 3-56: Capping Monitoring Condition
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 3-56.1:

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 Subpart 231-8

Item 3-56.2:

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

Item 3-56.3:

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 3-56.4:

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 3-56.5:

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 3-56.6:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 3-56.7:

Compliance Certification shall include the following monitoring:

New York State Department of Environmental Conservation

Permit ID: 6-2240-00009/00007

Facility DEC ID: 6224000009



Capping: Yes
Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:

A BACT determination for these 3 boilers limits PM/PM-10 emissions from each source to 0.015 lb/mmbtu.

Manufacturer Name/Model Number: Pyropower, 300 mmbtu/hr
Upper Permit Limit: 0.015 pounds per million Btus
Reference Test Method: EPA Method 5 and 201-A
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 3-57: Capping Monitoring Condition
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

Item 3-57.1:

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 Subpart 231-8

Item 3-57.2:

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

Item 3-57.3:

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 3-57.4:

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 3-57.5:

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 3-57.6:

New York State Department of Environmental Conservation

Permit ID: 6-2240-00009/00007

Facility DEC ID: 6224000009



The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 3-57.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CO emissions from the Black River facility are limited to 234.1 tons per year calculated on an annual rolling total.

Manufacturer Name/Model Number: TECO

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 234.1 tons per year

Reference Test Method: EPA Method 10

Monitoring Frequency: CONTINUOUS

Averaging Method: ANNUAL TOTAL ROLLED DAILY

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2017.

Subsequent reports are due every 3 calendar month(s).

Condition 3-58: Capping Monitoring Condition

Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 3-58.1:

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 Subpart 231-8

Item 3-58.2:

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

Item 3-58.3:

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.

New York State Department of Environmental Conservation

Permit ID: 6-2240-00009/00007

Facility DEC ID: 6224000009



Item 3-58.4:

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 3-58.5:

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 3-58.6:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 3-58.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CO emissions are limited to 2,300 lbs. per calendar day (12 midnight – 12 midnight). However, ReEnergy is allowed 2 calendar days (12 midnight – 12 midnight) per calendar month where that limit can be exceeded. However, under no circumstances, can ReEnergy's daily CO emissions exceed 7,800 lbs. per calendar day (12 midnight – 12 midnight) or can they exceed the 234.1 tons per year calculated on an annual rolling total.

Manufacturer Name/Model Number: TECO

Upper Permit Limit: 2300 pounds per day

Reference Test Method: EPA Method 10

Monitoring Frequency: CONTINUOUS

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2017.

Subsequent reports are due every 3 calendar month(s).

Condition 3-59: Capping Monitoring Condition

Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:6 NYCRR Subpart 201-7



New York State Department of Environmental Conservation

Permit ID: 6-2240-00009/00007

Facility DEC ID: 6224000009

Item 3-59.1:

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 Subpart 231-8

Item 3-59.2:

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

Item 3-59.3:

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 3-59.4:

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 3-59.5:

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 3-59.6:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant(s):

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

Item 3-59.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Facility heat input is limited to a maximum of 900.0 mmbtu/hr for the 3 Pyropower boilers.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: FUEL

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Upper Permit Limit: 900.0 million Btu per hour
Monitoring Frequency: CONTINUOUS
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY
TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2017.
Subsequent reports are due every 3 calendar month(s).

Condition 3-60: Capping Monitoring Condition
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

Item 3-60.1:

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 Subpart 231-8

Item 3-60.2:

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

Item 3-60.3:

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 3-60.4:

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 3-60.5:

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 3-60.6:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant(s):

New York State Department of Environmental Conservation

Permit ID: 6-2240-00009/00007

Facility DEC ID: 6224000009



CAS No: 000630-08-0 CARBON MONOXIDE

Item 3-60.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The three boilers that constitute Emission Unit U-00001 shall have collective upper CO permit limit of 234.1 tons per year.

Manufacturer Name/Model Number: TECO Model 48C

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 234.1 tons per year

Reference Test Method: 40 CFR 60 APPENDIX A, METHOD 10

Monitoring Frequency: CONTINUOUS

Averaging Method: ANNUAL TOTAL ROLLED DAILY

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2017.

Subsequent reports are due every 3 calendar month(s).

Condition 68: Applicability of General Provisions of 40 CFR 60 Subpart A Effective between the dates of 05/20/2013 and 05/19/2018

Applicable Federal Requirement:40CFR 60, NSPS Subpart A

Item 68.1:

This Condition applies to Emission Unit: U-00001

Item 68.2:

This emission source is subject to the applicable general provisions of 40 CFR 60. The facility owner is responsible for complying with all applicable technical, administrative and reporting requirements.

Condition 69: EPA Region 2 address. Effective between the dates of 05/20/2013 and 05/19/2018

Applicable Federal Requirement:40CFR 60.4, NSPS Subpart A

Item 69.1:

This Condition applies to Emission Unit: U-00001

Item 69.2:

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

New York State Department of Environmental Conservation

Permit ID: 6-2240-00009/00007

Facility DEC ID: 622400009



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 70: Date of Construction Notification - if a COM is used.
Effective between the dates of 05/20/2013 and 05/19/2018**

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

Item 70.1:

This Condition applies to Emission Unit: U-00001

Item 70.2:

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

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

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7) a notification that continuous opacity monitoring system data results will be used to determine compliance with the applicable opacity standard during the performance test, postmarked not less than 30 days prior to the performance test.

Condition 71: Recordkeeping requirements.
Effective between the dates of 05/20/2013 and 05/19/2018

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

Item 71.1:
This Condition applies to Emission Unit: U-00001

Item 71.2:
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 72: Compliance Certification
Effective between the dates of 05/20/2013 and 05/19/2018

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

Item 72.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Item 72.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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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

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2013.

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

Condition 73: Excess Emissions Report
Effective between the dates of 05/20/2013 and 05/19/2018

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

Item 73.1:

This Condition applies to Emission Unit: U-00001

Item 73.2:

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

Condition 74: Facility files for subject sources.
Effective between the dates of 05/20/2013 and 05/19/2018

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

Item 74.1:

This Condition applies to Emission Unit: U-00001

Item 74.2:

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 75: Availability of information.

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Effective between the dates of 05/20/2013 and 05/19/2018

Applicable Federal Requirement:40CFR 60.9, NSPS Subpart A

Item 75.1:

This Condition applies to Emission Unit: U-00001

Item 75.2:

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 76: Compliance with Standards and Maintenance Requirements

Effective between the dates of 05/20/2013 and 05/19/2018

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

Item 76.1:

This Condition applies to Emission Unit: U-00001

Item 76.2:

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 77: Circumvention.

Effective between the dates of 05/20/2013 and 05/19/2018

Applicable Federal Requirement:40CFR 60.12, NSPS Subpart A

Item 77.1:

This Condition applies to Emission Unit: U-00001

Item 77.2:

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.

Condition 78: Monitoring requirements.

Effective between the dates of 05/20/2013 and 05/19/2018

Applicable Federal Requirement:40CFR 60.13, NSPS Subpart A

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Item 78.1:

This Condition applies to Emission Unit: U-00001

Item 78.2:

All continuous monitoring systems and devices shall be installed, calibrated, maintained, and operated in accordance with the requirements of section 60.13.

Condition 3-61: Compliance Certification
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:40CFR 60, NSPS Subpart Db

Item 3-61.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Item 3-61.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each boiler under this emission unit is subject to 40 CFR 60, Subpart Db including the emission limits, monitoring requirements, and reporting requirements.

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 1/30/2018.

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

Condition 79: Compliance Certification
Effective between the dates of 05/20/2013 and 05/19/2018

Applicable Federal Requirement:40CFR 60, NSPS Subpart Db

Item 79.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Item 79.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each boiler under this emission unit is subject to 40 CFR

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60, Subpart Db including the emission limits, monitoring requirements, and reporting requirements.

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 7/30/2013.

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

**Condition 80: Recordkeeping and reporting requirements.
Effective between the dates of 05/20/2013 and 05/19/2018**

Applicable Federal Requirement:40CFR 60.49b, NSPS Subpart Db

Item 80.1:

This Condition applies to Emission Unit: U-00001

Item 80.2:

This facility is subject to the provisions of Subpart Db. Therefore, the facility must meet the record keeping and reporting requirements of section 40 CFR 60.49b.

**Condition 81: Compliance Certification
Effective between the dates of 05/20/2013 and 05/19/2018**

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

Item 81.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001

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

Item 81.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

IN STACK CONTINUOUS EMISSION MONITORING OF OPACITY FOR THE COMMON THREE PYROPOWER BOILER EXHAUST. TO AID IN PERMIT STREAMLINING, THIS ALSO COVERS THE OPACITY EMISSION LIMIT AND MONITORING REQUIREMENTS OF 40 CFR 60.43b(f) AND 40 CFR 60.48b(a).

Manufacturer Name/Model Number: LIGHTHAWK MODEL 560

Parameter Monitored: OPACITY

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Upper Permit Limit: 20 percent
Reference Test Method: 40 CFR 60 APPENDIX A, METHOD 9
Monitoring Frequency: CONTINUOUS
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due every 3 calendar month(s).

Condition 3-62: Compliance Certification
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:40CFR 63.7520, Subpart DDDDD

Item 3-62.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Item 3-62.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

All performance tests must be conducted according to 40 CFR 63.7(c), (d), (f), and (h). The owner or operator must also develop a site-specific stack test plan according to the requirements in 40 CFR 63.7(c). The owner or operator shall conduct all performance tests under such conditions as the Administrator specifies to he/she based on the representative performance of each boiler or process heater for the period being tested. Upon request, the owner or operator shall make available to the Administrator such records as may be necessary to determine the conditions of the performance tests.

Each performance test shall be conducted according to the requirements in Table 5 of Subpart DDDDD.

The owner or operator must conduct each performance test under the specific conditions listed in Tables 5 and 7 to subpart DDDDD. The owner or operator must conduct performance tests at representative operating load conditions while burning the type of fuel or mixture of fuels that has the highest content of chlorine and mercury, and TSM if he/she is opting to comply with the TSM alternative standard and he/she must demonstrate initial compliance and establish his/her operating limits based on these performance tests. These requirements could result in the need to conduct more than one performance test. Following each performance test and until the next performance test, the owner or operator must comply with



the operating limit for operating load conditions specified in Table 4 to subpart DDDDD.

The owner or operator must conduct a minimum of three separate test runs for each performance test required in 40 CFR 63.7520, as specified in 40 CFR 63.7(e)(3). Each test run must comply with the minimum applicable sampling times or volumes specified in Tables 1 and 2 or 11 through 13 to subpart DDDDD.

To determine compliance with the emission limits, the owner or operator must use the F-Factor methodology and equations in sections 12.2 and 12.3 of EPA Method 19 at 40 CFR part 60, appendix A-7 to convert the measured particulate matter (PM) concentrations, the measured HCl concentrations, the measured mercury concentrations, and the measured TSM concentrations that result from the performance test to pounds per million Btu heat input emission rates.

Except for a 30-day rolling average based on CEMS (or sorbent trap monitoring system) data, if measurement results for any pollutant are reported as below the method detection level (e.g., laboratory analytical results for one or more sample components are below the method defined analytical detection level), the owner or operator must use the method detection level as the measured emissions level for that pollutant in calculating compliance. The measured result for a multiple component analysis (e.g., analytical values for multiple Method 29 fractions both for individual HAP metals and for total HAP metals) may include a combination of method detection level data and analytical data reported above the method detection level.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 3-63: Compliance Certification
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement: 40CFR 63.7525(a), Subpart DDDDD

Item 3-63.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001

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

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Permit ID: 6-2240-00009/00007

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Item 3-63.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For boilers or process heaters subject to a carbon monoxide emission limit in Table 1, 2, or 11 through 13 to Subpart DDDDD, the facility shall install, operate, and maintain a continuous oxygen monitor according to the procedures in paragraphs (a)(1) through (7) of 40 CFR 63.7525 by the compliance date specified in 40 CFR 63.7495. The oxygen level shall be monitored at the outlet of the boiler or process heater.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2018.

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

Condition 3-64: Compliance Certification

Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:40CFR 63.7535, Subpart DDDDD

Item 3-64.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Item 3-64.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(a) You must monitor and collect data according to this section and the site specific monitoring plan required by § 63.7505(d).

(b) You must operate the monitoring system and collect data at all required intervals at all times that the affected source is operating, except for periods of monitoring system malfunctions or out of control periods (see § 63.8(c)(7) of this part), and required monitoring system quality assurance or 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. You are 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.

(c) You may not use data recorded during monitoring system malfunctions or out-of-control periods, repairs associated with monitoring system malfunctions or out-of-control periods, or required monitoring system quality assurance or control activities in data averages and calculations used to report emissions or operating levels. You must use all the data collected during all other periods in assessing the operation of the control device and associated control system.

(d) Except for periods of monitoring system malfunctions or out-of-control periods, repairs associated with monitoring system malfunctions or out-of-control periods, and required monitoring system quality assurance or quality control activities including, as applicable, calibration checks and required zero and span adjustments, failure to collect required data is a deviation of the monitoring requirements.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 3-65: Startup and Shutdown Work Practice Standards
Effective between the dates of 09/11/2017 and 05/19/2018**

Applicable Federal Requirement:40CFR 63.7540(d), Subpart DDDDD

Item 3-65.1:

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

Item 3-65.2:

For startup and shutdown, facility must meet the work practice standards according to item 5 of Table 3 of 40 CFR 63 Subpart DDDDD.

**Condition 85: Existing RICE greater than 500 hp at a HAP major facility
Effective between the dates of 05/20/2013 and 05/19/2018**

Applicable Federal Requirement:40CFR 63.6590(a)(1), Subpart ZZZZ

Item 85.1:



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Permit ID: 6-2240-00009/00007

Facility DEC ID: 6224000009

This Condition applies to:

Emission Unit: U00003

Emission Unit: U00004

Item 85.1:

This Condition applies to Emission Unit: U-00002

Item 85.2.3:

An affected source is any existing stationary reciprocating internal combustion engine (RICE) with a site-rating of more than 500 brake horsepower located at a major source of HAP emissions, excluding stationary RICE being tested at a stationary RICE test cell/stand.

A stationary RICE is existing if construction or reconstruction commenced before December 19, 2002.

**Condition 3-66: Engines that are exempt from Subpart ZZZZ
Effective between the dates of 09/11/2017 and 05/19/2018**

Applicable Federal Requirement:40CFR 63.6590(b)(3), Subpart ZZZZ

Item 3-66.1:

This Condition applies to:

Emission Unit: U00003

Emission Unit: U00004

Item 3-66.1:

This Condition applies to Emission Unit: U-00002

Item 3-66.2.3:

The following types of stationary RICE do not have to meet any of the requirements of 40 CFR 63, Subpart ZZZZ:

- existing spark ignition 2 stroke lean burn (2SLB) with a site rating of more than 500 brake horsepower located at a major source of HAP emissions,
- existing spark ignition 4 stroke lean burn (4SLB) with a site rating of more than 500 brake horsepower located at a major source of HAP emissions,
- existing emergency (as defined in 40 CFR 63.6675) engine with a site rating of more than 500 brake horsepower located at a major source of HAP emissions that does not operate or is not contractually obligated to be available for more than 15 hours per calendar year for the purposes specified in 40 CFR 63.6640(f)(2)(ii) and (iii),
- existing limited use (as defined in 40 CFR 63.6675) engine with a site rating of more than 500 brake horsepower located at a major source of HAP emissions,

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- existing engine with a site rating of more than 500 brake horsepower located at a major source of HAP emissions that burns landfill or digester gas equivalent to 10% or more of the gross heat input on an annual basis,
- existing residential emergency stationary engine located at an area source of HAP emissions,
- existing commercial emergency stationary engine located at an area source of HAP emissions,
- existing institutional emergency stationary engine located at an area source of HAP emissions.

Condition 3-67: Compliance required at all times
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:40CFR 63.6605(a), Subpart ZZZZ

Item 3-67.1:

This Condition applies to:

Emission Unit: U00003

Emission Unit: U00004

Item 3-67.1:

This Condition applies to Emission Unit: U-00002

Item 3-67.2.3:

Facility must be in compliance with the emission limitations and operating limitations in 40 CFR 63 Subpart ZZZZ that apply to them at all times.

Condition 3-68: Operate and maintain air pollution control and monitoring equipment consistent with good engineering practices
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:40CFR 63.6605(b), Subpart ZZZZ

Item 3-68.1:

This Condition applies to:

Emission Unit: U00003

Emission Unit: U00004

Item 3-68.1:

This Condition applies to Emission Unit: U-00002

Item 3-68.2.3:

Facility must operate and maintain its stationary RICE, including air pollution control and monitoring equipment, in a manner consistent with good air pollution control practices for minimizing emissions at all times, including during startup, shutdown, and malfunction.

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Condition 3-69: Required date of initial compliance test
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:40CFR 63.6610(a), Subpart ZZZZ

Item 3-69.1:

This Condition applies to:

Emission Unit: U00003

Emission Unit: U00004

Item 3-69.1:

This Condition applies to Emission Unit: U-00002

Item 3-69.2.3:

The owner or operator of a stationary RICE with a site rating of more than 500 brake horsepower located at a major source of HAP emissions must conduct the initial performance test or other initial compliance demonstrations in Table 4 of 40 CFR 63 Subpart ZZZZ that apply to it within 180 days after the compliance date that is specified for their stationary RICE as listed in 40 CFR 63.6595 and according to the provisions in 40 CFR 63.7(a)(2).

Condition 3-70: Substitution of previous performance test for limits in subpart ZZZZ

Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:40CFR 63.6610(d), Subpart ZZZZ

Item 3-70.1:

This Condition applies to:

Emission Unit: U00003

Emission Unit: U00004

Item 3-70.1:

This Condition applies to Emission Unit: U-00002

Item 3-70.2.3:

The owner or operator of a stationary RICE with a site rating of more than 500 brake horsepower located at a major source of HAP emissions is not required to conduct an initial performance test on units for which a performance test has been previously conducted, but the test must meet all of the conditions described below:

1) The test must have been conducted using the same methods specified in subpart ZZZZ, and these methods must have been followed correctly.



- 2) The test must not be older than 2 years.
- 3) The test must be reviewed and accepted by the EPA Administrator
- 4) Either no process or equipment changes must have been made since the test was performed, or the owner or operator must be able to demonstrate that the results of the performance test, with or without adjustments, reliably demonstrate compliance despite process or equipment changes.
- 5) The test must be conducted at any load condition within plus or minus 10 percent of 100 percent load.

Condition 3-71: Installation, operation and maintenance of continuous emission monitoring system (CEMS)

Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement: 40CFR 63.6625(a), Subpart ZZZZ

Item 3-71.1:

This Condition applies to:

Emission Unit: U00003

Emission Unit: U00004

Item 3-71.1:

This Condition applies to Emission Unit: U-00002

Item 3-71.2.3:

Facilities that elect to install a CEMS as specified in Table 5 of subpart ZZZZ, must install, operate, and maintain a CEMS to monitor CO and either oxygen or CO₂ according to the requirements in paragraphs (1) through (4). For facilities meeting a requirement to reduce CO emissions, the CEMS must be installed at both the inlet and outlet of the control device. For facilities meeting a requirement to limit the concentration of CO, the CEMS must be installed at the outlet of the control device.

- (1) Each CEMS must be installed, operated, and maintained according to the applicable performance specifications of 40 CFR part 60, appendix B.
- (2) The owner or operator must conduct an initial performance evaluation and an annual relative accuracy test audit (RATA) of each CEMS according to the requirements in 40 CFR 63.8 and according to the applicable performance specifications of 40 CFR part 60, appendix B as well as daily and periodic data quality checks in accordance with 40 CFR part 60, appendix F, procedure 1.
- (3) As specified in 40 CFR 63.8(c)(4)(ii), each CEMS must complete a minimum of one cycle of operation (sampling, analyzing, and data recording) for each successive 15-minute period. The



owner or operator must have at least two data points, with each representing a different 15-minute period, to have a valid hour of data.

(4) The CEMS data must be reduced as specified in 40 CFR 63.8(g)(2) and recorded in parts per million or parts per billion (as appropriate for the applicable limitation) at 15 percent oxygen or the equivalent CO₂ concentration.

Condition 3-72: Compliance Certification
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement: 40CFR 63.6625(b), Subpart ZZZZ

Item 3-72.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Item 3-72.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Facilities required to install a continuous parameter monitoring system (CPMS) as specified in Table 5 of subpart ZZZZ must install, operate, and maintain each CPMS according to the requirements in paragraphs (1) through (6). For an affected source that is complying with the emission limitations and operating limitations on March 9, 2011, the requirements in this paragraph are applicable September 6, 2011.

(1) The owner or operator must prepare a site-specific monitoring plan that addresses the monitoring system design, data collection, and the quality assurance and quality control elements outlined in paragraphs (i) through (v) and in 40 CFR 63.8(d). As specified in 40 CFR 63.8(f)(4), the owner or operator may request approval of monitoring system quality assurance and quality control procedures alternative to those specified in 40 CFR 6625(b)(1) through (5) in the site-specific monitoring plan.

(i) The performance criteria and design specifications for the monitoring system equipment, including the sample interface, detector signal analyzer, and data acquisition and calculations;

(ii) Sampling interface (e.g., thermocouple) location such that the monitoring system will provide



representative measurements;

(iii) Equipment performance evaluations, system accuracy audits, or other audit procedures;

(iv) Ongoing operation and maintenance procedures in accordance with provisions in 40 CFR 63.8(c)(1)(ii) and (c)(3); and

(v) Ongoing reporting and recordkeeping procedures in accordance with provisions in 40 CFR 63.10(c), (e)(1), and (e)(2)(i).

(2) The owner or operator must install, operate, and maintain each CPMS in continuous operation according to the procedures in the site-specific monitoring plan.

(3) The CPMS must collect data at least once every 15 minutes (see also 40 CFR 63.6635).

(4) For a CPMS for measuring temperature range, the temperature sensor must have a minimum tolerance of 2.8 degrees Celsius (5 degrees Fahrenheit) or 1 percent of the measurement range, whichever is larger.

(5) The owner or operator must conduct the CPMS equipment performance evaluation, system accuracy audits, or other audit procedures specified in your site-specific monitoring plan at least annually.

(6) The owner or operator must conduct a performance evaluation of each CPMS in accordance with 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 1/30/2018.

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

Condition 3-73: Compliance Certification
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement: 40CFR 63.6625(e), Subpart ZZZZ

Item 3-73.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00003



Emission Unit: U-00004

Item 3-73.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of any of the following stationary RICE must operate and maintain the stationary RICE and after-treatment control device (if any) according to the manufacturer's emission-related written instructions or develop a maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions:

- (1) An existing stationary RICE with a site rating of less than 100 brake horsepower located at a major source of HAP emissions;
- (2) An existing emergency or black start stationary RICE with a site rating of less than or equal to 500 brake horsepower located at a major source of HAP emissions;
- (3) An existing emergency or black start stationary RICE located at an area source of HAP emissions;
- (4) An existing non-emergency, non-black start stationary compression ignition RICE with a site rating less than or equal to 300 brake horsepower located at an area source of HAP emissions;
- (5) An existing non-emergency, non-black start 2 stroke lean burn stationary RICE located at an area source of HAP emissions;
- (6) An existing non-emergency, non-black start stationary RICE located at an area source of HAP emissions which combusts landfill or digester gas equivalent to 10 percent or more of the gross heat input on an annual basis;
- (7) An existing non-emergency, non-black start 4 stroke lean burn stationary RICE with a site rating less than or equal to 500 brake horsepower located at an area source of HAP emissions;
- (8) An existing non-emergency, non-black start 4 stroke rich burn stationary RICE with a site rating less than or equal to 500 brake horsepower located at an area source of HAP emissions;

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(9) An existing, non-emergency, non-black start 4 stroke lean burn stationary RICE with a site rating greater than 500 brake horsepower located at an area source of HAP emissions that is operated 24 hours or less per calendar year; and

(10) An existing, non-emergency, non-black start 4 stroke rich burn stationary RICE with a site rating greater than 500 brake horsepower located at an area source of HAP emissions that is operated 24 hours or less per calendar year.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 3-74: Compliance Certification
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:40CFR 63.6625(f), Subpart ZZZZ

Item 3-74.1:

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

Emission Unit: U-00003

Emission Unit: U-00004

Item 3-74.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Owners or operators of an existing emergency stationary RICE with a site rating of less than or equal to 500 brake HP located at a major source of HAP emissions or an existing emergency stationary RICE located at an area source of HAP emissions, must install a non-resettable hour meter if one is not already installed.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2018.

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

Condition 3-75: Compliance Certification
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:40CFR 63.6625(h), Subpart ZZZZ

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Item 3-75.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00003

Emission Unit: U-00004

Item 3-75.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

For operation of a new, reconstructed, or existing stationary engine, the engine's time spent at idle must be minimized during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the emission standards applicable to all times other than startup in Tables 1a, 2a, 2c, and 2d to 40 CFR 63 Subpart ZZZZ apply.

Parameter Monitored: DURATION OF START UP

Upper Permit Limit: 30 minutes

Monitoring Frequency: CONTINUOUS

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED PER
OCCURRENCE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2018.

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

Condition 3-76: Compliance Certification

Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement: 40CFR 63.6625(i), Subpart ZZZZ

Item 3-76.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00003

Emission Unit: U-00004

Item 3-76.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a stationary CI engine that is



subject to the work, operation or management practices in items 1 or 2 of Table 2c to subpart ZZZZ or in items 1 or 4 of Table 2d to subpart ZZZZ has the option of utilizing an oil analysis program in order to extend the specified oil change requirement in Tables 2c and 2d to subpart ZZZZ. The oil analysis must be performed at the same frequency specified for changing the oil in Table 2c or 2d to subpart ZZZZ. The analysis program must at a minimum analyze the following three parameters: Total Base Number, viscosity, and percent water content. The condemning limits for these parameters are as follows: Total Base Number is less than 30 percent of the Total Base Number of the oil when new; viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when new; or percent water content (by volume) is greater than 0.5. If these condemning limits are not exceeded, the engine owner or operator is not required to change the oil. If any of the limits are exceeded, the engine owner or operator must change the oil within 2 business days of receiving the results of the analysis; if the engine is not in operation when the results of the analysis are received, the engine owner or operator must change the oil within 2 business days or before commencing operation, whichever is later. The owner or operator must keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engine. The analysis program must be part of the maintenance plan for the engine.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 3-77: Compliance Certification
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:40CFR 63.6640(a), Subpart ZZZZ

Item 3-77.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Regulated Contaminant(s):
CAS No: 000630-08-0 CARBON MONOXIDE

Item 3-77.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

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ReEnergy must demonstrate continuous compliance with each applicable requirement of 40 CFR 63 Subpart ZZZZ, Table 2c. These requirements include:

1. Change oil and filter every 500 hours of operation or annually, whichever comes first.
2. Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first, and replace as necessary.
3. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.
4. Limit concentration of CO in the stationary RICE exhaust to 23 ppmvd or less at 15 percent O₂ or reduce CO emissions by 70 percent or more.

During periods of startup, ReEnergy must minimize the engine's time spent at idle and minimize the engine's startup time at startup to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the non-startup emission limitations apply.

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 23 parts per million by volume (dry, corrected to 15% O₂)

Reference Test Method: EPA Method 10

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2018.

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

Condition 3-78: Deviations and catalyst changing provisions for lean burn and compression ignition engines
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement: 40CFR 63.6640(b), Subpart ZZZZ

Item 3-78.1:

This Condition applies to:

Emission Unit: U00003

Emission Unit: U00004

Item 3-78.1:

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Facility DEC ID: 6224000009



This Condition applies to Emission Unit: U-00002

Item 3-78.2.3:

Facility must report each instance in which it did not meet each emission limitation or operating limitation in Tables 1a, 1b, 2a, 2b, 2c, and 2d of 40 CFR 63 Subpart ZZZZ that apply. These instances are deviations from the emission and operating limitations in 40 CFR 63 Subpart ZZZZ. These deviations must be reported according to the requirements in 40 CFR 63.6650.

If facility changes an oxidation catalyst, it must re-establish the values of the operating parameters measured during the initial performance test. When re-establishing the values of operating parameters, facility must also conduct a performance test, within 180 days of the oxidation catalyst change, to demonstrate that it is meeting the required emission limitation applicable to each stationary RICE. The performance test on the new oxidation catalyst may be scheduled to occur with the next required semi-annual carbon monoxide performance test.

The facility must keep records readily accessible in hard copy or electronic form for at least 5 years after the date of each deviation according to 40 CFR 63.10(b)(1).

Condition 3-79: Compliance Certification
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement: 40CFR 63.6640(f), Subpart ZZZZ

Item 3-79.1:

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

Emission Unit: U-00003

Emission Unit: U-00004

Item 3-79.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an emergency stationary RICE must operate the emergency stationary RICE according to the requirements in 40 CFR 63.6640(f)(1) through (4). In order for the engine to be considered an emergency stationary RICE under subpart ZZZZ, any operation other than emergency operation, maintenance and testing, emergency demand response, and operation in non-emergency situations for 50 hours per year, as described in 40 CFR 63.6640(f)(1) through (4), is prohibited. If the owner or operator does not operate the engine according to the requirements in 40 CFR 63.6640(f)(1) through (4), the engine will not be considered an emergency engine under subpart ZZZZ and must meet all requirements for non-emergency engines.

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Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2018.
Subsequent reports are due every 6 calendar month(s).

Condition 86: Compliance Certification
Effective between the dates of 05/20/2013 and 05/19/2018

Applicable Federal Requirement:40CFR 63.6645(a), Subpart ZZZZ

Item 86.1:

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

Emission Unit: U-00003

Emission Unit: U-00004

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

Item 86.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility must submit all of the notifications in §§63.7(b) and (c), 63.8(e), (f)(4), and (f)(6), 63.9(b)-(e), 63.9(g) and (h) that apply to the facility by the dates specified in the provision.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 87: Notification of intent to conduct performance test
Effective between the dates of 05/20/2013 and 05/19/2018

Applicable Federal Requirement:40CFR 63.6645(g), Subpart ZZZZ

Item 87.1:

This Condition applies to:

Emission Unit: U00003

Emission Unit: U00004

Item 87.1:

This Condition applies to Emission Unit: U-00002

Item 87.2.3:

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Facilities required to conduct a performance tests must submit a Notification of Intent to conduct a performance test at least 60 days before the performance test is scheduled to begin as required in 40 CFR 63.7(b)(1).

Condition 88: Compliance reports
Effective between the dates of 05/20/2013 and 05/19/2018

Applicable Federal Requirement:40CFR 63.6650(b), Subpart ZZZZ

Item 88.1:

This Condition applies to:

Emission Unit: U00003

Emission Unit: U00004

Item 88.1:

This Condition applies to Emission Unit: U-00002

Item 88.2.3:

Unless the EPA Administrator has approved a different schedule for submission of reports under 40 CFR 63.10(a), the owner or operator must submit each report by the date in Table 7 of subpart ZZZZ and according to the requirements in paragraphs (1) through (9).

- (1) For semiannual Compliance reports, the first Compliance report must cover the period beginning on the compliance date that is specified for the affected source in 40 CFR 63.6595 and ending on June 30 or December 31, whichever date is the first date following the end of the first calendar half after the compliance date that is specified for the source in 40 CFR 63.6595.
- (2) For semiannual Compliance reports, the first Compliance report must be postmarked or delivered no later than July 31 or January 31, whichever date follows the end of the first calendar half after the compliance date that is specified for the affected source in 40 CFR 63.6595.
- (3) For semiannual Compliance reports, each subsequent Compliance report must cover the semiannual reporting period from January 1 through June 30 or the semiannual reporting period from July 1 through December 31.
- (4) For semiannual Compliance reports, each subsequent Compliance report must be postmarked or delivered no later than July 31 or January 31, whichever date is the first date following the end of the semiannual reporting period.
- (5) For each stationary RICE that is subject to permitting regulations pursuant to 40 CFR part 70 or 71, and if the permitting authority has established dates for submitting semiannual reports pursuant to 40 CFR 70.6(a)(3)(iii)(A) or 40 CFR 71.6 (a)(3)(iii)(A), the owner or operator may submit the first and subsequent Compliance reports according to the dates the permitting authority has established instead of according to the dates in paragraphs (1) through (4) above.

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(6) For annual Compliance reports, the first Compliance report must cover the period beginning on the compliance date that is specified for the affected source in 40 CFR 63.6595 and ending on December 31.

(7) For annual Compliance reports, the first Compliance report must be postmarked or delivered no later than January 31 following the end of the first calendar year after the compliance date that is specified for the affected source in 40 CFR 63.6595.

(8) For annual Compliance reports, each subsequent Compliance report must cover the annual reporting period from January 1 through December 31.

(9) For annual Compliance reports, each subsequent Compliance report must be postmarked or delivered no later than January 31.

**Condition 89: Contents of compliance reports
Effective between the dates of 05/20/2013 and 05/19/2018**

Applicable Federal Requirement: 40CFR 63.6650(c), Subpart ZZZZ

Item 89.1:

This Condition applies to:

Emission Unit: U00003

Emission Unit: U00004

Item 89.1:

This Condition applies to Emission Unit: U-00002

Item 89.2.3:

The Compliance report must contain the information in paragraphs (1) through (6).

(1) Company name and address.

(2) Statement by a responsible official, with that official's name, title, and signature, certifying the accuracy of the content of the report.

(3) Date of report and beginning and ending dates of the reporting period.

(4) If the facility had a malfunction during the reporting period, the compliance report must include the number, duration, and a brief description for each type of malfunction which occurred during the reporting period and which caused or may have caused any applicable emission limitation to be exceeded. The report must also include a description of actions taken by an owner or operator during a malfunction of an affected source to minimize emissions in accordance with 40 CFR 63.6605(b), including actions taken to correct a malfunction.

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(5) If there are no deviations from any emission or operating limitations that apply to the facility, a statement that there were no deviations from the emission or operating limitations during the reporting period.

(6) If there were no periods during which the continuous monitoring system (CMS), including CEMS and CPMS, was out-of-control, as specified in 40 CFR 63.8(c)(7), a statement that there were no periods during which the CMS was out-of-control during the reporting period.

Condition 3-80: Deviation reports
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:40CFR 63.6650(d), Subpart ZZZZ

Item 3-80.1:

This Condition applies to:

Emission Unit: U00003

Emission Unit: U00004

Item 3-80.1:

This Condition applies to Emission Unit: U-00002

Item 3-80.2.3:

For each deviation from an emission or operating limitation that occurs for a stationary RICE where the facility is not using a CMS to comply with the emission or operating limitations in this subpart, the Compliance report must contain the information in 40 CFR 63.6650(c)(1) through (4) and the information in paragraphs (1) and (2) below.

(1) The total operating time of the stationary RICE at which the deviation occurred during the reporting period.

(2) Information on the number, duration, and cause of deviations (including unknown cause, if applicable), as applicable, and the corrective action taken.

Condition 90: Deviation reports
Effective between the dates of 05/20/2013 and 05/19/2018

Applicable Federal Requirement:40CFR 63.6650(d), Subpart ZZZZ

Item 90.1:

This Condition applies to:

Emission Unit: U00003

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Emission Unit: U00004

Item 90.1:

This Condition applies to Emission Unit: U-00002

Item 90.2.3:

For each deviation from an emission or operating limitation that occurs for a stationary RICE where the facility is not using a CMS to comply with the emission or operating limitations in this subpart, the Compliance report must contain the information in paragraphs (1) through (4) below and the information in 40 CFR 63.6650 (d)(1) and (2).

(1) The total operating time of the stationary RICE at which the deviation occurred during the reporting period.

(2) Information on the number, duration, and cause of deviations (including unknown cause, if applicable), as applicable, and the corrective action taken.

**Condition 91: Deviation reporting to be included in compliance reports
Effective between the dates of 05/20/2013 and 05/19/2018**

Applicable Federal Requirement:40CFR 63.6650(e), Subpart ZZZZ

Item 91.1:

This Condition applies to:

Emission Unit: U00003

Emission Unit: U00004

Item 91.1:

This Condition applies to Emission Unit: U-00002

Item 91.2.3:

For each deviation from an emission or operating limitation occurring for a stationary RICE where the facility is using a CMS to comply with the emission and operating limitations in 40 CFR 63 Subpart ZZZZ, the compliance report must include information in paragraphs 40 CFR 63.6650(c)(1) through (4) and (1) through (12) below.

(1) The date and time that each malfunction started and stopped.

(2) The date, time, and duration that each CMS was inoperative, except for zero (low-level) and high-level checks.

(3) The date, time, and duration that each CMS was out-of-control, including the information in 40 CFR 63.8(c)(8).

(4) The date and time that each deviation started and stopped, and whether each deviation occurred during a period of malfunction or during another period.



- (5) A summary of the total duration of the deviation during the reporting period, and the total duration as a percent of the total source operating time during that reporting period.
- (6) A breakdown of the total duration of the deviations during the reporting period into those that are due to control equipment problems, process problems, other known causes, and other unknown causes.
- (7) A summary of the total duration of CMS downtime during the reporting period, and the total duration of CMS downtime as a percent of the total operating time of the stationary RICE at which the CMS downtime occurred during that reporting period.
- (8) An identification of each parameter and pollutant (CO or formaldehyde) that was monitored at the stationary RICE.
- (9) A brief description of the stationary RICE.
- (10) A brief description of the CMS.
- (11) The date of the latest CMS certification or audit.
- (12) A description of any changes in CMS, processes, or controls since the last reporting period.

Condition 92: Compliance Certification
Effective between the dates of 05/20/2013 and 05/19/2018

Applicable Federal Requirement: 40CFR 63.6655(a), Subpart ZZZZ

Item 92.1:

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

Emission Unit: U-00003

Emission Unit: U-00004

Item 92.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility must keep the records described in paragraphs (1) through (5).

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

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(2) Records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment.

(3) Records of performance tests and performance evaluations as required in 40 CFR 63.10(b)(2)(viii).

(4) Records of all required maintenance performed on the air pollution control and monitoring equipment.

(5) Records of actions taken during periods of malfunction to minimize emissions in accordance with 40 CFR 63.6605(b), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2013.

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

Condition 3-81: Compliance Certification

Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:40CFR 63.6655(d), Subpart ZZZZ

Item 3-81.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 3-81.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

You must keep the records required in Table 6 of this subpart to show continuous compliance with each emission or operating limitation that applies to you.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 3-82: Compliance Certification

Effective between the dates of 09/11/2017 and 05/19/2018



Applicable Federal Requirement:40CFR 63.6655(e), Subpart ZZZZ

Item 3-82.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00003

Emission Unit: U-00004

Item 3-82.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator must keep records of the maintenance conducted on the stationary RICE in order to demonstrate that he/she operated and maintained the stationary RICE and after-treatment control device (if any) according to the maintenance plan for the following stationary RICE;

(1) An existing stationary RICE with a site rating of less than 100 brake horsepower located at a major source of HAP emissions.

(2) An existing stationary emergency RICE.

(3) An existing stationary RICE located at an area source of HAP emissions subject to management practices as shown in Table 2d to subpart ZZZZ.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2018.

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

Condition 3-83: Compliance Certification

Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:40CFR 63.6655(f), Subpart ZZZZ

Item 3-83.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00003

Emission Unit: U-00004

Item 3-83.2:

Compliance Certification shall include the following monitoring:

New York State Department of Environmental Conservation

Permit ID: 6-2240-00009/00007

Facility DEC ID: 6224000009



Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Operation of any of the stationary RICE in paragraphs (1) or (2) below, requires the owner/operator to keep records of the hours of operation of the engine that is recorded through the non-resettable hour meter. The owner or operator must document how many hours are spent for emergency operation, including what classified the operation as emergency and how many hours are spent for non-emergency operation. If the engines are used for demand response operation, the owner or operator must keep records of the notification of the emergency situation, and the time the engine was operated as part of demand response.

(1) An existing emergency stationary RICE with a site rating of less than or equal to 500 brake HP located at a major source of HAP emissions that does not meet the standards applicable to non-emergency engines.

(2) An existing emergency stationary RICE located at an area source of HAP emissions that does not meet the standards applicable to non-emergency engines.

Monitoring Frequency: CONTINUOUS

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2018.

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

Condition 93: Compliance Certification

Effective between the dates of 05/20/2013 and 05/19/2018

Applicable Federal Requirement:40CFR 63.6660, Subpart ZZZZ

Item 93.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00003

Emission Unit: U-00004

Item 93.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Records must be in a form suitable and readily available

New York State Department of Environmental Conservation

Permit ID: 6-2240-00009/00007

Facility DEC ID: 6224000009



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 occurrence, measurement, maintenance, corrective action, report, or record.

The owner or operator must keep each record readily accessible in hard copy or electronic form for at least 5 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to 40 CFR 63.10(b)(1).

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2013.

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

**Condition 3-84: Existing RICE greater than 500 hp at a HAP major facility
Effective between the dates of 09/11/2017 and 05/19/2018**

Applicable Federal Requirement:40CFR 63.6590(a)(1), Subpart ZZZZ

Item 3-84.1:

This Condition applies to:

Emission Unit: U00002

Item 3-84.1:

This Condition applies to Emission Unit: U-00003

Item 3-84.2.3:

An affected source is any existing stationary reciprocating internal combustion engine (RICE) with a site-rating of more than 500 brake horsepower located at a major source of HAP emissions, excluding stationary RICE being tested at a stationary RICE test cell/stand.

A stationary RICE is existing if construction or reconstruction commenced before December 19, 2002.

**Condition 3-85: Compliance reports
Effective between the dates of 09/11/2017 and 05/19/2018**

Applicable Federal Requirement:40CFR 63.6650(b), Subpart ZZZZ

Item 3-85.1:

New York State Department of Environmental Conservation

Permit ID: 6-2240-00009/00007

Facility DEC ID: 6224000009



This Condition applies to:

Emission Unit: U00002

Emission Unit: U00004

Item 3-85.1:

This Condition applies to Emission Unit: U-00003

Item 3-85.2.3:

Unless the EPA Administrator has approved a different schedule for submission of reports under 40 CFR 63.10(a), the owner or operator must submit each report by the date in Table 7 of subpart ZZZZ and according to the requirements in paragraphs (1) through (9).

- (1) For semiannual Compliance reports, the first Compliance report must cover the period beginning on the compliance date that is specified for the affected source in 40 CFR 63.6595 and ending on June 30 or December 31, whichever date is the first date following the end of the first calendar half after the compliance date that is specified for the source in 40 CFR 63.6595.
- (2) For semiannual Compliance reports, the first Compliance report must be postmarked or delivered no later than July 31 or January 31, whichever date follows the end of the first calendar half after the compliance date that is specified for the affected source in 40 CFR 63.6595.
- (3) For semiannual Compliance reports, each subsequent Compliance report must cover the semiannual reporting period from January 1 through June 30 or the semiannual reporting period from July 1 through December 31.
- (4) For semiannual Compliance reports, each subsequent Compliance report must be postmarked or delivered no later than July 31 or January 31, whichever date is the first date following the end of the semiannual reporting period.
- (5) For each stationary RICE that is subject to permitting regulations pursuant to 40 CFR part 70 or 71, and if the permitting authority has established dates for submitting semiannual reports pursuant to 40 CFR 70.6(a)(3)(iii)(A) or 40 CFR 71.6 (a)(3)(iii)(A), the owner or operator may submit the first and subsequent Compliance reports according to the dates the permitting authority has established instead of according to the dates in paragraphs (1) through (4) above.
- (6) For annual Compliance reports, the first Compliance report must cover the period beginning on the compliance date that is specified for the affected source in 40 CFR 63.6595 and ending on December 31.
- (7) For annual Compliance reports, the first Compliance report must be postmarked or delivered no later than January 31 following the end of the first calendar year after the compliance date that is specified for the affected source in 40 CFR 63.6595.
- (8) For annual Compliance reports, each subsequent Compliance report must cover the annual reporting period from January 1 through December 31.
- (9) For annual Compliance reports, each subsequent Compliance report must be postmarked or delivered no later than January 31.

New York State Department of Environmental Conservation

Permit ID: 6-2240-00009/00007

Facility DEC ID: 6224000009



Condition 3-86: Contents of compliance reports
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:40CFR 63.6650(c), Subpart ZZZZ

Item 3-86.1:

This Condition applies to:

Emission Unit: U00002

Emission Unit: U00004

Item 3-86.1:

This Condition applies to Emission Unit: U-00003

Item 3-86.2.3:

The Compliance report must contain the information in paragraphs (1) through (6).

- (1) Company name and address.
- (2) Statement by a responsible official, with that official's name, title, and signature, certifying the accuracy of the content of the report.
- (3) Date of report and beginning and ending dates of the reporting period.
- (4) If the facility had a malfunction during the reporting period, the compliance report must include the number, duration, and a brief description for each type of malfunction which occurred during the reporting period and which caused or may have caused any applicable emission limitation to be exceeded. The report must also include a description of actions taken by an owner or operator during a malfunction of an affected source to minimize emissions in accordance with 40 CFR 63.6605(b), including actions taken to correct a malfunction.
- (5) If there are no deviations from any emission or operating limitations that apply to the facility, a statement that there were no deviations from the emission or operating limitations during the reporting period.
- (6) If there were no periods during which the continuous monitoring system (CMS), including CEMS and CPMS, was out-of-control, as specified in 40 CFR 63.8(c)(7), a statement that there were no periods during which the CMS was out-of-control during the reporting period.

Condition 3-87: Compliance Certification
Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:40CFR 63.6655(a), Subpart ZZZZ

Item 3-87.1:

The Compliance Certification activity will be performed for the facility:

New York State Department of Environmental Conservation

Permit ID: 6-2240-00009/00007

Facility DEC ID: 6224000009



The Compliance Certification applies to:

Emission Unit: U-00002

Emission Unit: U-00003

Item 3-87.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility must keep the records described in paragraphs (1) through (5).

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

(2) Records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment.

(3) Records of performance tests and performance evaluations as required in 40 CFR 63.10(b)(2)(viii).

(4) Records of all required maintenance performed on the air pollution control and monitoring equipment.

(5) Records of actions taken during periods of malfunction to minimize emissions in accordance with 40 CFR 63.6605(b), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2018.

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

Condition 3-88: Compliance Certification

Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement:40CFR 63.6660, Subpart ZZZZ

Item 3-88.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

New York State Department of Environmental Conservation

Permit ID: 6-2240-00009/00007

Facility DEC ID: 6224000009



Emission Unit: U-00002

Emission Unit: U-00004

Item 3-88.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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 occurrence, measurement, maintenance, corrective action, report, or record.

The owner or operator must keep each record readily accessible in hard copy or electronic form for at least 5 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to 40 CFR 63.10(b)(1).

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2018.

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

Condition 3-89: Existing RICE greater than 500 hp at a HAP major facility Effective between the dates of 09/11/2017 and 05/19/2018

Applicable Federal Requirement: 40CFR 63.6590(a)(1), Subpart ZZZZ

Item 3-89.1:

This Condition applies to Emission Unit: U-00004

Item 3-89.2:

An affected source is any existing stationary reciprocating internal combustion engine (RICE) with a site-rating of more than 500 brake horsepower located at a major source of HAP emissions, excluding stationary RICE being tested at a stationary RICE test cell/stand.

A stationary RICE is existing if construction or reconstruction commenced before December 19, 2002.

Condition 94: Applicability of General Provisions of 40 CFR 60 Subpart A Effective between the dates of 05/20/2013 and 05/19/2018



Applicable Federal Requirement:40CFR 60, NSPS Subpart A

Item 94.1:

This Condition applies to Emission Unit: U-00005

Item 94.2:

This emission source is subject to the applicable general provisions of 40 CFR 60. The facility owner is responsible for complying with all applicable technical, administrative and reporting requirements.

**Condition 95: EPA Region 2 address.
Effective between the dates of 05/20/2013 and 05/19/2018**

Applicable Federal Requirement:40CFR 60.4, NSPS Subpart A

Item 95.1:

This Condition applies to Emission Unit: U-00005

Item 95.2:

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 96: Date of Construction Notification - if a COM is used.
Effective between the dates of 05/20/2013 and 05/19/2018**

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

Item 96.1:

This Condition applies to Emission Unit: U-00005

New York State Department of Environmental Conservation

Permit ID: 6-2240-00009/00007

Facility DEC ID: 6224000009



Item 96.2:

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

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

Condition 97: Recordkeeping requirements.
Effective between the dates of 05/20/2013 and 05/19/2018

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

Item 97.1:

This Condition applies to Emission Unit: U-00005

Item 97.2:

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 98: Compliance Certification
Effective between the dates of 05/20/2013 and 05/19/2018

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

New York State Department of Environmental Conservation

Permit ID: 6-2240-00009/00007

Facility DEC ID: 6224000009



Item 98.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00005

Item 98.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2013.

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

Condition 99: Excess Emissions Report
Effective between the dates of 05/20/2013 and 05/19/2018

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

New York State Department of Environmental Conservation

Permit ID: 6-2240-00009/00007

Facility DEC ID: 6224000009



Item 99.1:

This Condition applies to Emission Unit: U-00005

Item 99.2:

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

Condition 100: Facility files for subject sources.

Effective between the dates of 05/20/2013 and 05/19/2018

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

Item 100.1:

This Condition applies to Emission Unit: U-00005

Item 100.2:

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 101: Compliance with Standards and Maintenance Requirements

Effective between the dates of 05/20/2013 and 05/19/2018

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

Item 101.1:

This Condition applies to Emission Unit: U-00005

Item 101.2:

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



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

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

Item A: Emergency Defense - 6 NYCRR 201-1.5

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

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

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

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

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

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

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

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

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

Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all criteria, emission limits, terms, conditions, and



standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

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

STATE ONLY APPLICABLE REQUIREMENTS

The following conditions are state applicable requirements and are not subject to compliance certification requirements unless otherwise noted or required under 6 NYCRR Part 201.

Condition 102: Contaminant List

Effective between the dates of 05/20/2013 and 05/19/2018

Applicable State Requirement:ECL 19-0301

Item 102.1:

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: 007439-97-6
Name: MERCURY

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

CAS No: 007647-01-0
Name: HYDROGEN CHLORIDE

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

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

New York State Department of Environmental Conservation

Permit ID: 6-2240-00009/00007

Facility DEC ID: 6224000009



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

CAS No: 0NY750-00-0
Name: CARBON DIOXIDE EQUIVALENTS

Condition 103: Malfunctions and start-up/shutdown activities
Effective between the dates of 05/20/2013 and 05/19/2018

Applicable State Requirement:6 NYCRR 201-1.4

Item 103.1:

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

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

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

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

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

Condition 104: Unavoidable noncompliance and violations
Effective between the dates of 05/20/2013 and 05/19/2018



Applicable State Requirement:6 NYCRR 201-1.4

Item 104.1:

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 105: Compliance Demonstration
Effective between the dates of 05/20/2013 and 05/19/2018

Applicable State Requirement:6 NYCRR 242-1.5

Item 105.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 105.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owners and operators and, to the extent applicable, the CO₂ authorized account representative of each CO₂ budget source and each CO₂ budget unit at the source shall comply with the monitoring requirements of Subpart 242-8. The emissions measurements recorded and reported in accordance with Subpart 242-8 of this Part shall be used to determine compliance by the unit with the following CO₂ requirements:

- (1) The owners and operators of each CO₂ budget source and each CO₂ budget unit at the source shall hold CO₂ allowances available for compliance deductions under Section 242-6.5, as of the CO₂ allowance transfer deadline, in the source's compliance account in an amount not less than the total CO₂ emissions for the control period from all CO₂ budget units at the source, as determined in accordance with Subparts 242-6 and 242-8.
- (2) Each ton of CO₂ emitted in excess of the CO₂ budget emissions limitation shall constitute a separate violation of this Part and applicable state law.
- (3) A CO₂ budget unit shall be subject to the requirements specified in item 1 starting on the later, of January 1, 2009 or the date on which the unit commences operation.
- (4) CO₂ allowances shall be held in, deducted from, or transferred among CO₂ Allowance Tracking System accounts in accordance with Subparts 242-5, 242-6, and 242-7, and Section 242-10.7.
- (5) A CO₂ allowance shall not be deducted, in order to comply with the requirements specified in item 1, for a control period that ends prior to the allocation year for which the CO₂ allowance was allocated. A CO₂ offset allowance shall not be deducted, in order to comply with the requirements under item 1, beyond the applicable



percent limitations set out in 6NYCRR Part 242-6.5(a)(3).

(6) A CO2 allowance under the CO2 Budget Trading Program is a limited authorization by the Department or a participating state to emit one ton of CO2 in accordance with the CO2 Budget Trading Program. No provision of the CO2 Budget Trading Program, the CO2 budget permit application, or the CO2 budget permit or any provision of law shall be construed to limit the authority of the Department or a participating state to terminate or limit such authorization.

(7) A CO2 allowance under the CO2 Budget Trading Program does not constitute a property right.

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 7/30/2013.

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

Condition 106: Compliance Demonstration
Effective between the dates of 05/20/2013 and 05/19/2018

Applicable State Requirement:6 NYCRR 242-1.5

Item 106.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 106.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owners and operators of the CO2 budget source and each CO2 budget unit at the source shall keep on site at the source each of the following documents for a period of 10 years from the date the document is created. This period may be extended for cause, at any time prior to the end of 10 years, in writing by the department.

(i) The account certificate of representation for the CO2 authorized account representative for the source and each CO2 budget unit at the source and all documents that demonstrate the truth of the statements in the account certificate of representation, in accordance with 6 NYCRR Part 242-2.4, provided that the certificate and documents shall be retained on site at the source beyond such 10-year period until such documents are superseded because of the submission of a new account certificate of



representation.

(ii) All emissions monitoring information, in accordance with Subpart 242-8 and 40 CFR 75.57.

(iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the CO2 Budget Trading Program.

(iv) Copies of all documents used to complete a CO2 budget permit application and any other submission under the CO2 Budget Trading Program or to demonstrate compliance with the requirements of the CO2 Budget Trading Program.

The CO2 authorized account representative of a CO2 budget source and each CO2 budget unit at the source shall submit the reports and compliance certifications required under the CO2 Budget Trading Program, including those under Subpart 242-4.

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 7/30/2013.

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

Condition 107: Compliance Demonstration
Effective between the dates of 05/20/2013 and 05/19/2018

Applicable State Requirement:6 NYCRR Subpart 242-4

Item 107.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000124-38-9 CARBON DIOXIDE

Item 107.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Annual Compliance Certification Report:

(a) For each control period in which a CO2 budget source is subject to the CO2 requirements of subdivision 242-1.5(c) of this Part, CO2 authorized account representative of the source shall submit to the department by March 1st following the relevant control period, a compliance certification report. The control period is a three-calendar-year time period.



(b) The compliance certification report shall include the following elements:

(1) identification of the source and each CO2 budget unit at the source;

(2) as an option, the serial numbers of the CO2 allowances that are to be deducted from the source's compliance account under section 242-6.5 of this Part for the control period, including the serial numbers of any CO2 offset allowances that are to be deducted subject to the limitations of section 242-6.5(a)(3) of this Part; and

(3) the compliance certification under subdivision (c) of this section (below).

(c) In the compliance certification report the CO2 authorized account representative shall certify, based on reasonable inquiry of those persons with primary responsibility for operating the source and the CO2 budget units at the source in compliance with the CO2 Budget Trading Program, whether the source and each CO2 budget unit at the source for which the compliance certification is submitted was operated during the calendar years covered by the report in compliance with the requirements of the CO2 Budget Trading Program, including:

(1) whether the source was operated in compliance with the CO2 requirements of section 242-1.5(c) of this Part;

(2) whether the monitoring plan applicable to each unit at the source has been maintained to reflect the actual operation and monitoring of the unit, and contains all information necessary to attribute CO2 emissions to the unit, in accordance with Subpart 242-8 of this Part;

(3) whether all the CO2 emissions from the units at the source were monitored or accounted for through the missing data procedures and reported in the quarterly monitoring reports, including whether conditional data were reported in the quarterly reports in accordance with Subpart 242-8 of this Part. If conditional data were reported, the owner or operator shall indicate whether the status of all conditional data has been resolved and all necessary quarterly report resubmissions have been made;

(4) whether the facts that form the basis for certification under Subpart 242-8 of each monitor at each



unit at the source, or for using an excepted monitoring method or alternative monitoring method approved under Subpart 242-8 of this Part, if any, have changed; and

(5) if a change is required to be reported under paragraph (c)(4) above, specify the nature of the change, the reason for the change, when the change occurred, and how the unit's compliance status was determined subsequent to the change, including what method was used to determine emissions when a change mandated the need for monitor recertification.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 108: Compliance Demonstration
Effective between the dates of 05/20/2013 and 05/19/2018

Applicable State Requirement:6 NYCRR Subpart 242-8

Item 108.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000124-38-9 CARBON DIOXIDE

Item 108.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Recordkeeping and Reporting (6NYCRR Part 242-8.5)

(a) General provisions. The CO₂ authorized account representative shall comply with all recordkeeping and reporting requirements in this section, the applicable record keeping and reporting requirements under 40 CFR 75.73 and with the requirements of section 242-2.1(e) of this Part.

(b) Monitoring plans. The owner or operator of a CO₂ budget unit shall submit a monitoring plan in the manner prescribed in 40 CFR 75.62.

(c) Certification applications. The CO₂ authorized account representative shall submit an application to the department within 45 days after completing all CO₂ monitoring system initial certification or recertification tests required under section 242-8.2 of this Subpart including the information required under 40 CFR 75.63 and



40 CFR 75.53(e) and (f).

(d) Quarterly reports. The CO₂ authorized account representative shall submit quarterly reports, as follows:

(1) The CO₂ authorized account representative shall report the CO₂ mass emissions data and heat input data for the CO₂ budget unit, in an electronic format prescribed by the administrator unless otherwise prescribed by the department for each calendar quarter.

(2) The CO₂ authorized account representative shall submit each quarterly report to the department or its agent within 30 days following the end of the calendar quarter covered by the report. Quarterly reports shall be submitted in the manner specified in subpart H of 40 CFR part 75 and 40 CFR 75.64. Quarterly reports shall be submitted for each CO₂ budget unit (or group of units using a common stack), and shall include all of the data and information required in subpart G of 40 CFR part 75, except for opacity, NO_x, and SO₂ provisions.

(3) The CO₂ authorized account representative shall submit to the department or its agent a compliance certification in support of each quarterly report based on reasonable inquiry of those persons with primary responsibility for ensuring that all of the unit's emissions are correctly and fully monitored. The certification shall state that:

(i) the monitoring data submitted were recorded in accordance with the applicable requirements of this Subpart and 40 CFR part 75, including the quality assurance procedures and specifications;

(ii) for a unit with add-on CO₂ emissions controls and for all hours where data are substituted in accordance with 40 CFR 75.34(a)(1), the add-on emissions controls were operating within the range of parameters listed in the quality assurance/quality control program under appendix B of 40 CFR part 75 and the substitute values do not systematically underestimate CO₂ emissions; and

(iii) the CO₂ concentration values substituted for missing data under Subpart D of 40 CFR part 75 do not systematically underestimate CO₂ emissions.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2013.

Subsequent reports are due every 3 calendar month(s).

