



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 8-4424-00001/00030
Mod 0 Effective Date: 10/29/2012 Expiration Date: 10/25/2022
Mod 1 Effective Date: 06/10/2016 Expiration Date: 10/25/2022

Permit Issued To: CARGILL INCORPORATED
15407 MCGINTY RD W
WAYZATA, MN 55391-2399

Contact: KEITH SCHUESSLER
CARGILL INC - SALT DIV
609 EAST AVE G
HUTCHINSON, KS 67504
(620) 669-2120

Facility: CARGILL SALT CO- WATKINS GLEN PLANT
518 E 4TH ST
WATKINS GLEN, NY 14891

Contact: ERIC HALLMAN, SR
CARGILL SALT
518 E 4TH ST
WATKINS GLEN, NY 14891
(607) 535-6373

Description:
Modification to Air State Facility Permit to include new KCL refining system including a crystallizer with centrifuge and fluid bed. Exhaust gases from the dryer/cooler to be passed through a scrubber (new U-00021)

FACILITY DESCRIPTION: Air State Facility Permit which replaced a Title V Facility Permit for salt production operations, based on the reduction of facility potential emissions to below Title V thresholds.

The Watkins Glen Plant produces food grade salt by evaporation and drying of solution mined brine.

The facility was previously subject to 6 NYCRR Part 201-6, Title V Facility Permits for major stationary sources, due to potential emissions in excess of 100 tons per year each, of particulates under 10 microns (PM-10), total particulates (PM), sulfur dioxide (SO₂), oxides of nitrogen (NO_x), and carbon monoxide (CO), 10 tons per year of



individual hazardous air pollutant (HAP) compounds, and 25 tons per year of all HAP compounds combined.

This permit authorizes operation of a 181 MMBTU/hr natural gas fired boiler with low NO_x burners (new Emission Unit U-BLR01) which replaced two 92.2 MMBTU/hr coal fired spreader stoker boilers (Emission Unit U-00001) which were permanently shut down. All other processes are unchanged from those authorized by the previous Title V Facility Permit. Total facility emission potentials, with the new gas fired boiler operational in place of the coal fired boilers, are below the Title V thresholds indicated above.

Remaining Emission Units are:

U-BLR02 - two dual fuel package boilers, 33.5 and 10.5 MMBTU/hr, which can burn natural gas primarily, and # 2 fuel oil as an alternate fuel;

U-00007 - a rotary salt cooler vented through a wet scrubber;

U-00008 - a fluid bed salt drier vented through a wet scrubber;

U-00009 - salt handling, processing, and bagging operations vented through a fabric filter baghouse;

U-00013 - flake salt handling and packaging operations venting through a fabric filter baghouse;

U-00014 - flake salt handling, processing, and storage operations venting through a fabric filter baghouse;

U-00015 - bulk material handling, processing, and storage operations venting through a fabric filter baghouse;

U-00016 - salt pellet handling, processing, storage, and packaging operations venting through a wet scrubber;

U-00019 - a third flake salt handling and packaging line venting through a wet scrubber;

U-00021 - KCLsystem dryer/cooler system and venture scrubber.

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

New York State Department of Environmental Conservation
Facility DEC ID: 8442400001



Special Conditions included as part of this permit.

Permit Administrator: KIMBERLY A MERCHANT
 6274 EAST AVON-LIMA RD
 AVON, NY 14414-9519

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 8 HEADQUARTERS



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

Condition 1: Facility Inspection by the Department

Applicable State Requirement: ECL 19-0305

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

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

Item 2.1:

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

Condition 3: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:

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

Item 3.2:

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

Item 3.3:

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



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

Item 1-1.1:

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

Item 1-1.3:

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

Condition 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 8 HEADQUARTERS
Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 5.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 8 Headquarters
Division of Environmental Permits
6274 Avon-Lima Road
Avon, NY 14414-9519
(585) 226-2466

New York State Department of Environmental Conservation

Permit ID: 8-4424-00001/00030

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Permit Under the Environmental Conservation Law (ECL)

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

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WAYZATA, MN 55391-2399

Facility: CARGILL SALT CO- WATKINS GLEN PLANT
518 E 4TH ST
WATKINS GLEN, NY 14891

Authorized Activity By Standard Industrial Classification Code:
2899 - CHEMICAL PREPARATIONS, NEC

Mod 0 Permit Effective Date: 10/29/2012

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LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6 NYCRR 200.6: Acceptable Ambient Air Quality
- 2 6 NYCRR 202-2.5: Recordkeeping requirements
- 3 6 NYCRR 215.2: Open Fires - Prohibitions
- 4 6 NYCRR 200.7: Maintenance of Equipment
- 5 6 NYCRR 201-1.7: Recycling and Salvage
- 6 6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 7 6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
- 8 6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
- 9 6 NYCRR 202-1.1: Required Emissions Tests
- 10 40 CFR Part 68: Accidental release provisions.
- 11 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 12 6 NYCRR 211.1: Air pollution prohibited
- 13 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
- 14 40CFR 60.7(a), NSPS Subpart A: Modification Notification
- 15 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 16 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
- 17 40CFR 60.7(g), NSPS Subpart A: Notification Similar to State or Local Agency
- 18 40CFR 60.8(a), NSPS Subpart A: Performance testing timeline.
- 19 40CFR 60.8(b), NSPS Subpart A: Performance test methods.
- 20 40CFR 60.8(c), NSPS Subpart A: Required performance test information.
- 21 40CFR 60.8(d), NSPS Subpart A: Prior notice.
- 22 40CFR 60.8(e), NSPS Subpart A: Performance testing facilities.
- 23 40CFR 60.8(f), NSPS Subpart A: Number of required tests.
- 24 40CFR 60.9, NSPS Subpart A: Availability of information.
- 25 40CFR 60.11, NSPS Subpart A: Opacity standard compliance testing.
- 26 40CFR 60.12, NSPS Subpart A: Circumvention.
- 27 40CFR 60.13, NSPS Subpart A: Monitoring requirements.
- 28 40CFR 60.14, NSPS Subpart A: Modifications.
- 29 40CFR 60.15, NSPS Subpart A: Reconstruction
- 30 40CFR 60.676(a), NSPS Subpart OOO: Reporting and Recordkeeping for Replacement of Equipment

Emission Unit Level

EU=U-00007

- 31 6 NYCRR 212.3 (b): Compliance Demonstration
- 32 6 NYCRR 212.3 (b): Compliance Demonstration
- 33 6 NYCRR 212.6 (a): Compliance Demonstration

EU=U-00007,EP=00007

- 34 6 NYCRR 212.3 (b): Compliance Demonstration

EU=U-00008

- 35 6 NYCRR 212.4 (a): Compliance Demonstration



- 36 6 NYCRR 212.4 (a): Compliance Demonstration
- 37 6 NYCRR 212.4 (a): Compliance Demonstration
- 38 6 NYCRR 212.6 (a): Compliance Demonstration

EU=U-00009,EP=00009

- 39 6 NYCRR 212.4 (c): Compliance Demonstration

EU=U-00009,EP=00009,Proc=009

- 40 6 NYCRR 212.4 (c): Compliance Demonstration
- 41 6 NYCRR 212.6 (a): Compliance Demonstration

EU=U-00009,EP=00009,Proc=09N

- 42 40CFR 60.672, NSPS Subpart OOO: Compliance Demonstration
- 43 40CFR 60.672, NSPS Subpart OOO: Compliance Demonstration

EU=U-00013,Proc=013

- 44 6 NYCRR 212.4 (c): Compliance Demonstration
- 45 6 NYCRR 212.4 (c): Compliance Demonstration
- 46 6 NYCRR 212.6 (a): Compliance Demonstration

EU=U-00013,Proc=N13

- 47 40CFR 60.672, NSPS Subpart OOO: Compliance Demonstration
- 48 40CFR 60.672, NSPS Subpart OOO: Compliance Demonstration

EU=U-00014,EP=00014

- 49 6 NYCRR 212.4 (c): Compliance Demonstration

EU=U-00014,EP=00014,Proc=014

- 50 6 NYCRR 212.4 (c): Compliance Demonstration
- 51 6 NYCRR 212.6 (a): Compliance Demonstration

EU=U-00014,EP=00014,Proc=N14

- 52 40CFR 60.672, NSPS Subpart OOO: Compliance Demonstration
- 53 40CFR 60.672, NSPS Subpart OOO: Compliance Demonstration

EU=U-00015,EP=00015

- 54 6 NYCRR 212.4 (c): Compliance Demonstration

EU=U-00015,EP=00015,Proc=015

- 55 6 NYCRR 212.4 (c): Compliance Demonstration
- 56 6 NYCRR 212.6 (a): Compliance Demonstration

EU=U-00015,EP=00015,Proc=N15

- 57 40CFR 60.672, NSPS Subpart OOO: Compliance Demonstration
- 58 40CFR 60.672, NSPS Subpart OOO: Compliance Demonstration

EU=U-00016,EP=00016

- 59 6 NYCRR 212.4 (c): Compliance Demonstration



60 6 NYCRR 212.6 (a): Compliance Demonstration

EU=U-00016,EP=00016,Proc=016

61 6 NYCRR 212.4 (c): Compliance Demonstration

EU=U-00016,EP=00016,Proc=N16

- 62 40CFR 60.672, NSPS Subpart OOO: Compliance Demonstration
- 63 40CFR 60.676(d), NSPS Subpart OOO: Compliance Demonstration
- 64 40CFR 60.676(d), NSPS Subpart OOO: Compliance Demonstration

EU=U-00019,EP=00019

- 65 6 NYCRR 212.6 (a): Compliance Demonstration
- 66 40CFR 60.672(a), NSPS Subpart OOO: Compliance Demonstration
- 67 40CFR 60.676(d), NSPS Subpart OOO: Compliance Demonstration
- 68 40CFR 60.676(d), NSPS Subpart OOO: Compliance Demonstration

EU=U-00021

- 1-1 6 NYCRR 212-1.6 (a): Compliance Demonstration
- 1-2 6 NYCRR 212-2.3 (a): Compliance Demonstration
- 1-3 6 NYCRR 212-2.3 (a): Compliance Demonstration

EU=U-00021,Proc=KCL

- 1-4 6 NYCRR 212-2.4 (b): Compliance Demonstration

EU=U-BLR01,EP=00020

69 6 NYCRR 227-1.3 (a): Compliance Demonstration

EU=U-BLR01,EP=00020,Proc=NG4

- 70 40CFR 60.44b, NSPS Subpart Db: Compliance Demonstration
- 71 40CFR 60.44b(h), NSPS Subpart Db: Applicability of oxides of nitrogen standard.
- 72 40CFR 60.44b(i), NSPS Subpart Db: Averaging period.
- 73 40CFR 60.46b(e)(1), NSPS Subpart Db: Compliance and performance requirements.
- 74 40CFR 60.46b(e)(4), NSPS Subpart Db: Compliance Demonstration
- 75 40CFR 60.48b(b), NSPS Subpart Db: Oxides of nitrogen monitoring requirements.
- 76 40CFR 60.48b(c), NSPS Subpart Db: Compliance Demonstration
- 77 40CFR 60.48b(e)(2), NSPS Subpart Db: Compliance Demonstration
- 78 40CFR 60.48b(f), NSPS Subpart Db: Use of alternative methods for measuring NOx during CEMS downtime
- 79 40CFR 60.49b(a), NSPS Subpart Db: Compliance Demonstration
- 80 40CFR 60.49b(b), NSPS Subpart Db: Compliance Demonstration
- 81 40CFR 60.49b(d), NSPS Subpart Db: Compliance Demonstration
- 82 40CFR 60.49b(g), NSPS Subpart Db: Compliance Demonstration
- 83 40CFR 60.49b(h), NSPS Subpart Db: Compliance Demonstration
- 84 40CFR 60.49b(i), NSPS Subpart Db: Compliance Demonstration
- 85 40CFR 60.49b(o), NSPS Subpart Db: Records Retention
- 86 40CFR 60.49b(w), NSPS Subpart Db: Reporting Period



EU=U-BLR02

87 6 NYCRR 227-1.3 (a): Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

88 ECL 19-0301: Contaminant List

89 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities

90 6 NYCRR Subpart 201-5: Emission Unit Definition

91 6 NYCRR 201-5.2 (c): Renewal deadlines for state facility permits

92 6 NYCRR 201-5.3 (c): Compliance Demonstration

93 6 NYCRR 211.2: Visible Emissions Limited

Emission Unit Level

94 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit

95 6 NYCRR Subpart 201-5: Process Definition By Emission Unit



FEDERALLY ENFORCEABLE CONDITIONS

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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

Item A: Sealing - 6 NYCRR 200.5

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

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

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

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

Item B: Acceptable Ambient Air Quality - 6 NYCRR 200.6

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

Item C: Maintenance of Equipment - 6 NYCRR 200.7

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



required to operate such device effectively.

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

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

(a) The owner and/or operator must apply for a permit for such emission source or register the facility in accordance with the provisions of Part 201.

(b) The emission source or facility is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing sources or facilities.

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

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

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

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

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

The owner and/or operator of an emission source or unit that is eligible to be exempt, may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Item H: Proof of Eligibility for Sources Defined as Trivial



Activities - 6 NYCRR 201-3.3 (a)

The owner and/or operator of an emission source or unit that is listed as being trivial in 6 NYCRR Part 201 may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Item I: Required Emission Tests - 6 NYCRR 202-1.1

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

Item J: Open Fires Prohibitions - 6 NYCRR 215.2

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

Item 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.

FEDERAL APPLICABLE REQUIREMENTS

The following conditions are federally enforceable.

Condition 1: Acceptable Ambient Air Quality
Effective between the dates of 10/29/2012 and 10/25/2022

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

Condition 2: Recordkeeping requirements
Effective between the dates of 10/29/2012 and 10/25/2022

Applicable Federal Requirement:6 NYCRR 202-2.5

Item 2.1:

(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 3: Open Fires - Prohibitions
Effective between the dates of 10/29/2012 and 10/25/2022

Applicable Federal Requirement:6 NYCRR 215.2

Item 3.1:

Except as allowed by Title 6 NYCRR Section 215.3, no person shall burn, cause, suffer, allow

New York State Department of Environmental Conservation

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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 13: EPA Region 2 address.

Effective between the dates of 10/29/2012 and 10/25/2022

Applicable Federal Requirement:40CFR 60.4, NSPS Subpart A

Item 13.1:

This Condition applies to:

Emission Unit: U00009
Process: 09N

Emission Unit: U00013
Process: N13

Emission Unit: U00014
Process: N14

Emission Unit: U00015
Process: 015

Emission Unit: U00016
Process: 016

Emission Unit: UBLR01
Process: NG4

Item 13.2:

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

New York State Department of Environmental Conservation

Permit ID: 8-4424-00001/00030

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Condition 14: Modification Notification
Effective between the dates of 10/29/2012 and 10/25/2022

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

Item 14.1:

Any owner or operator subject to 40 CFR Part 60 shall furnish the Administrator and this office with the following information:

- 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 Part 60. The notice shall be post marked 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, productivity capability of the facility before and after the change, and the expected completion date of the change. The Administrator and/or this Department may request additional information regarding the change.

Condition 15: Recordkeeping requirements.
Effective between the dates of 10/29/2012 and 10/25/2022

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

Item 15.1:

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 16: Facility files for subject sources.
Effective between the dates of 10/29/2012 and 10/25/2022

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

Item 16.1:

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 performance evaluations;all continuous 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 inspections. The file shall be maintained for at least two years following the date of such measurements, reports, and records.

Condition 17: Notification Similar to State or Local Agency
Effective between the dates of 10/29/2012 and 10/25/2022

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

Item 17.1:

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

New York State Department of Environmental Conservation

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001



Item 30.1:

Each owner or operator seeking to comply with 40 CFR Part 60.670(d) shall submit to the Administrator the following information about the existing facility being replaced and the replacement piece of equipment.

(1) For a crusher, grinding mill, bucket elevator, bagging operation, or enclosed truck or railcar loading station:

(i) The rated capacity in megagrams or tons per hour of the existing facility being replaced and

(ii) The rated capacity in tons per hour of the replacement equipment.

(2) For a screening operation:

(i) The total surface area of the top screen of the existing screening operation being replaced and

(ii) The total surface area of the top screen of the replacement screening operation.

(3) For a conveyor belt:

(i) The width of the existing belt being replaced and

(ii) The width of the replacement conveyor belt.

(4) For a storage bin:

(i) The rated capacity in megagrams or tons of the existing storage bin being replaced and

(ii) The rated capacity in megagrams or tons of replacement storage bins.

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

**Condition 31: Compliance Demonstration
Effective between the dates of 10/29/2012 and 10/25/2022**

Applicable Federal Requirement: 6 NYCRR 212.3 (b)

Item 31.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00007

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

Item 31.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL

New York State Department of Environmental Conservation

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001



DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

Compliance assurance monitoring shall consist of continuously monitoring wet scrubber air pressure drop and water flow rate to indicate control of particulate emissions. Stated limits are used as indicators of abnormal operation and to initiate diagnosis and repair.

Parameter Monitored: PRESSURE DROP

Lower Permit Limit: 1 inches of water

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 32: Compliance Demonstration
Effective between the dates of 10/29/2012 and 10/25/2022

Applicable Federal Requirement:6 NYCRR 212.3 (b)

Item 32.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00007

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 32.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Compliance assurance monitoring shall consist of continuously monitoring wet scrubber air pressure drop and water flow rate to indicate control of particulate emissions. Stated limits are used as indicators of abnormal operation and to initiate diagnosis and repair.

Parameter Monitored: FLOW RATE

Lower Permit Limit: 15 gallons per minute

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 33: Compliance Demonstration
Effective between the dates of 10/29/2012 and 10/25/2022

Applicable Federal Requirement:6 NYCRR 212.6 (a)

Item 33.1:

The Compliance Demonstration activity will be performed for:

New York State Department of Environmental Conservation

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001



Emission Unit: U-00007

Item 33.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

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

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA Method 9

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 34: Compliance Demonstration
Effective between the dates of 10/29/2012 and 10/25/2022

Applicable Federal Requirement:6 NYCRR 212.3 (b)

Item 34.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00007

Emission Point: 00007

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 34.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of solid particulates are limited to less than 0.15 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis. Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.15 grains per dscf

New York State Department of Environmental Conservation

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001



Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 35: Compliance Demonstration
Effective between the dates of 10/29/2012 and 10/25/2022

Applicable Federal Requirement:6 NYCRR 212.4 (a)

Item 35.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00008

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

Item 35.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Particulate emission limit for a process with a material weight throughput of greater than 100000 lb/hr. Testing as per USEPA Method 5 to be performed at request of Department.

Upper Permit Limit: 0.03 grains per standard cubic foot

Reference Test Method: 40 CFR 60 Appendix A Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 36: Compliance Demonstration
Effective between the dates of 10/29/2012 and 10/25/2022

Applicable Federal Requirement:6 NYCRR 212.4 (a)

Item 36.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00008

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

Item 36.2:

New York State Department of Environmental Conservation

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001



Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Compliance assurance monitoring shall consist of continuously monitoring wet scrubber air pressure drop and water flow rate to indicate control of particulate emissions for a process with a material weight throughput of greater than 100000 lb/hr. Stated limits are used as indicators of abnormal operation and to initiate diagnosis and repair.

Parameter Monitored: PRESSURE DROP

Lower Permit Limit: 3 inches of water

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 37: Compliance Demonstration
Effective between the dates of 10/29/2012 and 10/25/2022

Applicable Federal Requirement: 6 NYCRR 212.4 (a)

Item 37.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00008

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 37.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Compliance assurance monitoring shall consist of continuously monitoring wet scrubber air pressure drop and water flow rate to indicate control of particulate emissions for a process with a material weight throughput of greater than 100000 lb/hr. Stated limits are used as indicators of abnormal operation and to initiate diagnosis and repair.

Parameter Monitored: FLOW RATE

Lower Permit Limit: 75 gallons per minute

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

New York State Department of Environmental Conservation

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001



Condition 38: Compliance Demonstration
Effective between the dates of 10/29/2012 and 10/25/2022

Applicable Federal Requirement:6 NYCRR 212.6 (a)

Item 38.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00008

Item 38.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

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

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA Method 9

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 39: Compliance Demonstration
Effective between the dates of 10/29/2012 and 10/25/2022

Applicable Federal Requirement:6 NYCRR 212.4 (c)

Item 39.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00009

Emission Point: 00009

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 39.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

New York State Department of Environmental Conservation

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001



Compliance assurance monitoring will consist of monitoring baghouse differential pressure once per shift as an indicator of normal operation. Pressure readings below the minimum will initiate diagnosis and repair as required.

Parameter Monitored: PRESSURE DROP

Lower Permit Limit: 1 inches of water

Reference Test Method: 40 CFR 60 Appendix A, Method 5

Monitoring Frequency: PER SHIFT

Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE - SEE MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 40: Compliance Demonstration
Effective between the dates of 10/29/2012 and 10/25/2022

Applicable Federal Requirement:6 NYCRR 212.4 (c)

Item 40.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00009

Emission Point: 00009

Process: 009

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 40.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with NY state process particulate emission limit will be demonstrated at request of the Department.

Upper Permit Limit: 0.05 grains per standard cubic foot

Reference Test Method: 40 CFR 60 Appendix A, Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 41: Compliance Demonstration
Effective between the dates of 10/29/2012 and 10/25/2022

Applicable Federal Requirement:6 NYCRR 212.6 (a)

Item 41.1:

The Compliance Demonstration activity will be performed for:



New York State Department of Environmental Conservation

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

Emission Unit: U-00009
Process: 009

Emission Point: 00009

Item 41.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Visual opacity monitoring will be provided at the request
of the Department.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: 40 CFR 60 Appendix A, Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 42: Compliance Demonstration

Effective between the dates of 10/29/2012 and 10/25/2022

Applicable Federal Requirement:40CFR 60.672, NSPS Subpart OOO

Item 42.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00009
Process: 09N

Emission Point: 00009

Item 42.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Compliance with federal New Source Performance Standard
opacity limit will be demonstrated at request of the
Department.

Parameter Monitored: OPACITY

Upper Permit Limit: 7 percent

Reference Test Method: 40 CFR 60 Appendix A, Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING
DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 43: Compliance Demonstration

Effective between the dates of 10/29/2012 and 10/25/2022

New York State Department of Environmental Conservation

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001



Reference Test Method: 40 CFR 60 Appendix A, Method 5
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 45: Compliance Demonstration
Effective between the dates of 10/29/2012 and 10/25/2022

Applicable Federal Requirement:6 NYCRR 212.4 (c)

Item 45.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00013
Process: 013

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

Item 45.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Baghouse differential pressure will be monitored as an indicator of normal operation. Pressure readings below the minimum will initiate diagnosis and repair as required.

Parameter Monitored: PRESSURE
Lower Permit Limit: 6 inches of water
Reference Test Method: 40 CFR 60 Appendix A, Method 5
Monitoring Frequency: PER SHIFT
Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE AT ANY TIME
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 46: Compliance Demonstration
Effective between the dates of 10/29/2012 and 10/25/2022

Applicable Federal Requirement:6 NYCRR 212.6 (a)

Item 46.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00013
Process: 013

Item 46.2:

Compliance Demonstration shall include the following monitoring:

New York State Department of Environmental Conservation

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001



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

Monitoring Description:

Visual opacity monitoring for emission points 013A, 013B
and 013C will be provided at the request of the
Department.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: 40 CFR 60 Appendix A, Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 47: Compliance Demonstration
Effective between the dates of 10/29/2012 and 10/25/2022

Applicable Federal Requirement:40CFR 60.672, NSPS Subpart OOO

Item 47.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00013

Process: N13

Item 47.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Compliance with federal New Source Performance Standard
opacity limit for emission points 013A, 013B and 013C will
be demonstrated at request of the Department.

Parameter Monitored: OPACITY

Upper Permit Limit: 7 percent

Reference Test Method: 40 CFR 60 Appendix A, Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING
DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 48: Compliance Demonstration
Effective between the dates of 10/29/2012 and 10/25/2022

Applicable Federal Requirement:40CFR 60.672, NSPS Subpart OOO

Item 48.1:

New York State Department of Environmental Conservation

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001



The Compliance Demonstration activity will be performed for:

Emission Unit: U-00013

Process: N13

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 48.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with federal New Source Performance Standard particulate emission limit will be demonstrated at request of the Department.

Upper Permit Limit: 0.022 grains per standard cubic foot

Reference Test Method: 40 CFR 60 Appendix A, Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 49: Compliance Demonstration

Effective between the dates of 10/29/2012 and 10/25/2022

Applicable Federal Requirement: 6 NYCRR 212.4 (c)

Item 49.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00014

Emission Point: 00014

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 49.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Baghouse differential pressure will be monitored as an indicator of normal operation. Pressure readings below the minimum will initiate diagnosis and repair as required.

Parameter Monitored: PRESSURE DROP

Lower Permit Limit: 1 inches of water

Monitoring Frequency: PER SHIFT

New York State Department of Environmental Conservation

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001



of the Department.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: 40 CFR 60 Appendix A, Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 52: Compliance Demonstration
Effective between the dates of 10/29/2012 and 10/25/2022

Applicable Federal Requirement:40CFR 60.672, NSPS Subpart OOO

Item 52.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00014

Emission Point: 00014

Process: N14

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 52.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with federal New Source Performance Standard particulate emission limit will be demonstrated at request of the Department.

Upper Permit Limit: 0.022 grains per standard cubic foot

Reference Test Method: 40 CFR 60 Appendix A, Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING

DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 53: Compliance Demonstration
Effective between the dates of 10/29/2012 and 10/25/2022

Applicable Federal Requirement:40CFR 60.672, NSPS Subpart OOO

Item 53.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00014

Emission Point: 00014

Process: N14

New York State Department of Environmental Conservation

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001



Item 53.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Compliance with federal New Source Performance Standard
opacity limit will be demonstrated at request of the
Department.

Parameter Monitored: OPACITY

Upper Permit Limit: 7 percent

Reference Test Method: 40 CFR 60 Appendix A, Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING
DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 54: Compliance Demonstration
Effective between the dates of 10/29/2012 and 10/25/2022

Applicable Federal Requirement: 6 NYCRR 212.4 (c)

Item 54.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00015

Emission Point: 00015

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 54.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Baghouse differential pressure will be monitored as an
indicator of normal operation. Pressure readings below
the minimum will initiate diagnosis and repair as
required.

Parameter Monitored: PRESSURE DROP

Lower Permit Limit: 1 inches of water

Monitoring Frequency: PER SHIFT

Averaging Method: MINIMUM - NOT TO FALL BELOW STATED
VALUE - SEE MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 55: Compliance Demonstration
Effective between the dates of 10/29/2012 and 10/25/2022

New York State Department of Environmental Conservation

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001



DESCRIPTION

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 57: Compliance Demonstration
Effective between the dates of 10/29/2012 and 10/25/2022

Applicable Federal Requirement:40CFR 60.672, NSPS Subpart OOO

Item 57.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00015

Emission Point: 00015

Process: N15

Item 57.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Compliance with federal New Source Performance Standard
opacity limit will be demonstrated at request of the
Department.

Parameter Monitored: OPACITY

Upper Permit Limit: 7 percent

Reference Test Method: 40 CFR 60 Appendix A, Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING
DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 58: Compliance Demonstration
Effective between the dates of 10/29/2012 and 10/25/2022

Applicable Federal Requirement:40CFR 60.672, NSPS Subpart OOO

Item 58.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00015

Emission Point: 00015

Process: N15

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 58.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

New York State Department of Environmental Conservation

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001



Item 60.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Visual opacity monitoring will be provided at the request
of the Department.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: 40 CFR 60 Appendix A, Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 61: Compliance Demonstration
Effective between the dates of 10/29/2012 and 10/25/2022

Applicable Federal Requirement:6 NYCRR 212.4 (c)

Item 61.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00016

Emission Point: 00016

Process: 016

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 61.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with NY state process particulate emission
limit will be demonstrated at request of the Department.

Upper Permit Limit: 0.05 grains per standard cubic foot

Reference Test Method: 40 CFR 60 Appendix A, Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING
DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 62: Compliance Demonstration
Effective between the dates of 10/29/2012 and 10/25/2022

Applicable Federal Requirement:40CFR 60.672, NSPS Subpart OOO

New York State Department of Environmental Conservation

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001



Item 65.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00019

Emission Point: 00019

Item 65.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Visual opacity monitoring will be provided at the request
of the Department.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: 40 CFR 60 Appendix A Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2013.

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

Condition 66: Compliance Demonstration
Effective between the dates of 10/29/2012 and 10/25/2022

Applicable Federal Requirement: 40CFR 60.672(a), NSPS Subpart OOO

Item 66.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00019

Emission Point: 00019

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 66.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with NSPS particulate emission limit will be
demonstrated on start-up in accordance with 40 CFR 60.8,
and thereafter at the request of the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.014 grains per standard cubic foot

Reference Test Method: 40 CFR 60 Appendix A method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

New York State Department of Environmental Conservation

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001



Item 68.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Air flow pressure drop shall be monitored and reported as required in §60.674 - §60.676. The monitoring range specified in this condition is based on the average pressure drop of 2.5 inches of water measured in the most recent stack test conducted on 04/04/12.

Parameter Monitored: PRESSURE DROP

Lower Permit Limit: 1.75 inches of water

Upper Permit Limit: 3.25 inches of water

Monitoring Frequency: DAILY

Averaging Method: RANGE-NOT TO FALL OUTSIDE OF STATED
RANGE EXCEPT DURING STARTUP/SHUTDOWN

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2013.

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

Condition 1-1: Compliance Demonstration
Effective between the dates of 06/10/2016 and 10/25/2022

Applicable Federal Requirement:6 NYCRR 212-1.6 (a)

Item 1-1.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00021

Item 1-1.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Upon request of the Department opacity will be observed, recorded and reported to the Department. All observations over 20% opacity will be reported to the Department within two business days of observation.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: 40 CFR 60 Appendix A Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION



Condition 1-2: Compliance Demonstration
Effective between the dates of 06/10/2016 and 10/25/2022

Applicable Federal Requirement:6 NYCRR 212-2.3 (a)

Item 1-2.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00021

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

Item 1-2.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Wet scrubber parameters will be monitored to demonstrate
compliance with stated process emission limits.

Parameter Monitored: FLOW RATE

Lower Permit Limit: 76 gallons per minute

Monitoring Frequency: DAILY

Averaging Method: MINIMUM-NOT TO FALL BELOW EXCEPT
DURING STARTUP/SHUTDOWN

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 1-3: Compliance Demonstration
Effective between the dates of 06/10/2016 and 10/25/2022

Applicable Federal Requirement:6 NYCRR 212-2.3 (a)

Item 1-3.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00021

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

Item 1-3.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Wet scrubber parameters will be monitored to demonstrate
compliance with stated process emission limits.



New York State Department of Environmental Conservation

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

Parameter Monitored: PRESSURE DROP

Lower Permit Limit: 6 inches of water

Monitoring Frequency: DAILY

Averaging Method: MINIMUM-NOT TO FALL BELOW EXCEPT
DURING STARTUP/SHUTDOWN

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 1-4: Compliance Demonstration
Effective between the dates of 06/10/2016 and 10/25/2022

Applicable Federal Requirement: 6 NYCRR 212-2.4 (b)

Item 1-4.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00021

Process: KCL

Regulated Contaminant(s):

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

Item 1-4.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The control of particulate emissions released from new and modified process emission sources.

Emissions from any process emission source for which an application was received by the department after July 1, 1973 are restricted as follows:

No facility owner or operator shall cause or allow emissions of particulate that exceed 0.050 grains per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis, except in instances where determination of permissible emission rate using process weight for a specific source category emitting solid particulate is based upon Table 5 and Table 6 of Subdivisions 212-2.5(a) and (b) of this Part.

Testing will be required upon request of the regulatory agency.

Parameter Monitored: PM-10

Upper Permit Limit: 0.050 grains per dscf

Reference Test Method: 40 CFR 60 Appendix A Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



Condition 69: Compliance Demonstration
Effective between the dates of 10/29/2012 and 10/25/2022

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

Item 69.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-BLR01

Emission Point: 00020

Item 69.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No person shall operate a stationary combustion installation which exhibits greater than 20 percent opacity (six minute average), except for one-six-minute period per hour of not more than 27 percent opacity.

The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

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

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

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

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Facility DEC ID: 8442400001



Item 71.2:

The emissions standard for oxides of nitrogen shall apply at all times including periods of startup, shutdown, and malfunction.

Condition 72: Averaging period.
Effective between the dates of 10/29/2012 and 10/25/2022

Applicable Federal Requirement:40CFR 60.44b(i), NSPS Subpart Db

Item 72.1:

This Condition applies to Emission Unit: U-BLR01 Emission Point: 00020
Process: NG4

Item 72.2:

Except as noted in paragraph (j) of this section, compliance with the emission limits shall be determined on a 30 day rolling average basis.

Condition 73: Compliance and performance requirements.
Effective between the dates of 10/29/2012 and 10/25/2022

Applicable Federal Requirement:40CFR 60.46b(e)(1), NSPS Subpart Db

Item 73.1:

This Condition applies to Emission Unit: U-BLR01 Emission Point: 00020
Process: NG4

Item 73.2: For the initial compliance test, nitrogen oxides from the steam generating unit are monitored for 30 successive steam generating unit operating days and the 30-day average emission rate is used to determine compliance with the nitrogen oxides emission standards under §60.44b. The 30-day average emission rate is calculated as the average of all hourly emissions data recorded by the monitoring system during the 30-day test period.

Condition 74: Compliance Demonstration
Effective between the dates of 10/29/2012 and 10/25/2022

Applicable Federal Requirement:40CFR 60.46b(e)(4), NSPS Subpart Db

Item 74.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-BLR01 Emission Point: 00020
Process: NG4

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

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Facility DEC ID: 8442400001



Item 74.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Following the date on which the initial performance test is completed or required to be completed under 40 CFR Part 60.8, whichever date comes first, the owner or operator of an affected facility which has a heat input capacity of 73 MW (250 million Btu/hour) or less and which combusts natural gas, distillate oil, or residual oil having a nitrogen content of 0.30 weight percent or less shall upon request determine compliance with the nitrogen oxides standards under 40 CFR Part 60.44b through the use of a 30-day performance test. During periods when performance tests are not requested, nitrogen oxides emissions data collected pursuant to 40 CFR Part 60.48b(g)(1) or 40 CFR Part 60.48b(g)(2) are used to calculate a 30-day rolling average emission rate on a daily basis and used to prepare excess emission reports, but will not be used to determine compliance with the nitrogen oxides emission standards. A new 30-day rolling average emission rate is calculated each steam generating unit operating day as the average of all of the hourly nitrogen oxides emission data for the preceding 30 steam generating unit operating days.

Parameter Monitored: NITROGEN CONTENT

Upper Permit Limit: 0.30 percent by weight

Reference Test Method: EPA RM 7, 7A, or 7E

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 75: Oxides of nitrogen monitoring requirements.
Effective between the dates of 10/29/2012 and 10/25/2022**

Applicable Federal Requirement: 40CFR 60.48b(b), NSPS Subpart Db

Item 75.1:

This Condition applies to Emission Unit: U-BLR01 Emission Point: 00020
Process: NG4

Item 75.2:

Facilities subject to section 40 CFR
60-Db.44b shall install, calibrate, maintain,
operate, and record the output from an oxides
of nitrogen CEM.

New York State Department of Environmental Conservation

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Facility DEC ID: 8442400001



The procedures under 40 CFR 60.13 shall be followed for installation, evaluation, and operation of the Continuous Emissions Monitoring System used to measure Nitrogen Oxides.

The span value for the CEMS shall be 100 ppm.

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 1/30/2013.

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

Condition 78: Use of alternative methods for measuring NOx during CEMS downtime

Effective between the dates of 10/29/2012 and 10/25/2022

Applicable Federal Requirement:40CFR 60.48b(f), NSPS Subpart Db

Item 78.1:

This Condition applies to Emission Unit: U-BLR01 Emission Point: 00020
Process: NG4

Item 78.2:

When nitrogen oxides emission data are not obtained because of continuous monitoring system breakdowns, repairs, calibration checks, and zero and span adjustments, emission data will be obtained by using standby monitoring systems, Method 7, Method 7A, or other approved reference methods to provide emission data for a minimum of 75 percent of the operating hours in each steam generating unit operating day, in at least 22 out of 30 successive steam generating unit operating days.

Condition 79: Compliance Demonstration

Effective between the dates of 10/29/2012 and 10/25/2022

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

Item 79.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-BLR01
Process: NG4

Emission Point: 00020

Item 79.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility shall submit notification of the date of initial startup, as



provided by 40 CFR Part 60.7. This notification shall include:

- (1) The design heat input capacity of the affected facility and identification of the fuels to be combusted in the affected facility,
- (2) If applicable, a copy of any Federally enforceable requirement that limits the annual capacity factor for any fuel or mixture of fuels under 40 CFR Part 60.42b(d)(1), 60.43b(a)(2), (a)(3)(iii), (c)(2)(ii), (d)(2)(iii), 60.44b(c), (d), (e), (i), (j), (k), 60.45b(d), (g), 60.46b(h), or 60.48b(i),
- (3) The annual capacity factor at which the owner or operator anticipates operating the facility based on all fuels fired and based on each individual fuel fired, and,
- (4) Notification that an emerging technology will be used for controlling emissions of sulfur dioxide. The Administrator will examine the description of the emerging technology and will determine whether the technology qualifies as an emerging technology. In making this determination, the Administrator may require the owner or operator of the affected facility to submit additional information concerning the control device. The affected facility is subject to the provisions of 40 CFR Part 60.42b(a) unless and until this determination is made by the Administrator.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 80: Compliance Demonstration
Effective between the dates of 10/29/2012 and 10/25/2022

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

Item 80.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-BLR01
Process: NG4

Emission Point: 00020

Item 80.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility subject to the sulfur dioxide, particulate matter, and/or nitrogen

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Facility DEC ID: 8442400001



Regulated Contaminant(s):

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

Item 82.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall maintain records of the following information for each steam generating unit operating day:

- 1) Calendar date.
- 2) The average hourly nitrogen oxides emission rates (expressed as NO₂) (ng/J or lb/million Btu heat input) measured or predicted.
- 3) The 30-day average nitrogen oxides emission rates (ng/J or lb/million Btu heat input) calculated at the end of each steam generating unit operating day from the measured or predicted hourly nitrogen oxide emission rates for the preceeding 30 steam generating unit operating days.
- 4) Identification of the steam generating unit operating days when the calculated 30-day average nitrogen oxides emission rates are in excess of the nitrogen oxides emission standards under 40CFR60.44b, with the reasons for such excess emissions as well as a description of corrective actions taken.
- 5) Identification of the steam generating unit operating days for which pollutant data have not been obtained, including reasons for not obtaining sufficient data and a description of corrective actions taken.
- 6) Identification of the times when emission data have been excluded from the calculation of average emission rates and the reasons for excluding data.
- 7) Identification of the "F" factor used for calculations, method of determination, and type of fuel combusted.
- 8) Identification of the times when the pollutant concentration exceeded the full span of the continuous monitoring system.
- 9) Description of any modifications to the continuous monitoring system that could affect the ability of the system to comply with Performance Specification 2 or 3.
- 10) Results of daily CEMS drift tests and quarterly accuracy assessments as required under 40CFR60 Appendix F, Procedure 1.

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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Facility DEC ID: 8442400001



The owner or operator of any affected facility subject to the continuous monitoring requirements for nitrogen oxides under §60.48b shall submit reports containing the information recorded under 40CFR60.49b(g). All reports shall be postmarked by the 30th day following the end of each semiannual period.

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 1/30/2013.

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

Condition 85: Records Retention
Effective between the dates of 10/29/2012 and 10/25/2022

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

Item 85.1:

This Condition applies to Emission Unit: U-BLR01 Emission Point: 00020
Process: NG4

Item 85.2:

All records required under this section shall be maintained by the owner or operator of the affected facility for a period of 2 years following the date of such record.

Condition 86: Reporting Period
Effective between the dates of 10/29/2012 and 10/25/2022

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

Item 86.1:

This Condition applies to Emission Unit: U-BLR01 Emission Point: 00020
Process: NG4

Item 86.2:

The reporting period for the reports required under this subpart is each 6 month period. All reports shall be submitted to the Administrator and shall be postmarked by the 30th day following the end of the reporting period.

Condition 87: Compliance Demonstration
Effective between the dates of 10/29/2012 and 10/25/2022

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

Item 87.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-BLR02



Item 87.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No person shall operate a stationary combustion installation which exhibits greater than 20 percent opacity (six minute average), except for one-six-minute period per hour of not more than 27 percent opacity.

The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

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

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

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

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA Method 9

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2013.

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





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

Where facility owners and/or operators keep records pursuant to compliance with the requirements of 6 NYCRR Subpart 201-5.4, and/or the emission capping requirements of 6 NYCRR Subpart 201-7, the Department will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records.



Facility owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department.

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

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

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

STATE ONLY APPLICABLE REQUIREMENTS

The following conditions are state only enforceable.

Condition 88: Contaminant List
Effective between the dates of 10/29/2012 and 10/25/2022

Applicable State Requirement:ECL 19-0301

Item 88.1:

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

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

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

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

Condition 89: Malfunctions and start-up/shutdown activities



Effective between the dates of 10/29/2012 and 10/25/2022

Applicable State Requirement:6 NYCRR 201-1.4

Item 89.1:

(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 90: Emission Unit Definition

Effective between the dates of 10/29/2012 and 10/25/2022

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 90.1(From Mod 1):

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

Emission Unit: U-00021

Emission Unit Description:

Refining of food grade potassium chloride with dust

New York State Department of Environmental Conservation

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001



collection controlled by a wet scrubber.

Building(s): PAN

Item 90.2(From Mod 0):

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

Emission Unit: U-00007

Emission Unit Description:

Rotary salt cooler and flake clean-up operations.

Process emissions are captured and passed through a wet scrubber prior to being released to the atmosphere through emission point 00007.

Building(s): SOUTH MILL

Item 90.3(From Mod 0):

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

Emission Unit: U-00008

Emission Unit Description:

Fluid-bed salt dryer. Heat is provided by steam from the boiler plant. Process emissions are passed through a wet scrubber prior to being released to the atmosphere.

Building(s): PAN

Item 90.4(From Mod 0):

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

Emission Unit: U-00009

Emission Unit Description:

Miscellaneous conveyors, surge bins, screens and bagging operations in the Mill Building. Process emissions are captured and passed through a fabric filter prior to being released to atmosphere through Emission Point 00009.

Building(s): MILL

Item 90.5(From Mod 0):

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

Emission Unit: U-00013

Emission Unit Description:

Flake salt and CENTER MILL conveying and packaging operations are exhausted through a fabric filter.

Building(s): SOUTH MILL

Item 90.6(From Mod 0):

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

Emission Unit: U-00014

Emission Unit Description:

Flake salt conveying, screening, storage and miscellaneous processing operations are vented through a fabric filter.

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Building(s): SOUTH MILL

Item 90.7(From Mod 0):

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

Emission Unit: U-00015

Emission Unit Description:

Bulk material conveying, screening, storage and transfer operations vented through a fabric filter.

Building(s): NORTH MILL

Item 90.8(From Mod 0):

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

Emission Unit: U-00016

Emission Unit Description:

Pellet processing, conveying, storage, screening and packaging operations exhausted through a wet scrubber.

Building(s): PELLETT

Item 90.9(From Mod 0):

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

Emission Unit: U-00019

Emission Unit Description:

CENTER MILL product line. Flake mill, conveying, screening, blending, storage and miscellaneous processing operations are exhausted through a wet scrubber.

Building(s): SOUTH MILL

Item 90.10(From Mod 0):

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

Emission Unit: U-BLR01

Emission Unit Description:

One 181 MMBTU/hr natural gas-fired boiler used to generate process steam.

Building(s): BR2

Item 90.11(From Mod 0):

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

Emission Unit: U-BLR02

Emission Unit Description:

Natural gas fired package boiler rated at 10.5 MMBTU/hr.

Building(s): BR

**Condition 91: Renewal deadlines for state facility permits
Effective between the dates of 10/29/2012 and 10/25/2022**

Applicable State Requirement:6 NYCRR 201-5.2 (c)

New York State Department of Environmental Conservation

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001



Item 94.1(From Mod 1):

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

Emission Unit: U-00021

Emission Point: 00021

Height (ft.): 79

Diameter (in.): 24

NYTMN (km.): 4694.091 NYTME (km.): 346.368 Building: PAN

Item 94.2(From Mod 0):

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

Emission Unit: U-00007

Emission Point: 00007

Height (ft.): 37

Diameter (in.): 28

NYTMN (km.): 4694.059 NYTME (km.): 346.446 Building: SOUTH MILL

Item 94.3(From Mod 0):

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

Emission Unit: U-00008

Emission Point: 00008

Height (ft.): 44

Diameter (in.): 42

NYTMN (km.): 4694.057 NYTME (km.): 346.44 Building: PAN

Item 94.4(From Mod 0):

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

Emission Unit: U-00009

Emission Point: 00009

Height (ft.): 40

Length (in.): 21

Width (in.): 18

NYTMN (km.): 4694.054 NYTME (km.): 346.448 Building: MILL

Item 94.5(From Mod 0):

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

Emission Unit: U-00013

Emission Point: 00013

Height (ft.): 73

Diameter (in.): 13

NYTMN (km.): 4693.8 NYTME (km.): 346.3 Building: SOUTH MILL

Item 94.6(From Mod 0):

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

Emission Unit: U-00014

Emission Point: 00014

Height (ft.): 74

Diameter (in.): 17

New York State Department of Environmental Conservation

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001



NYTMN (km.): 4693.8 NYTME (km.): 346.3 Building: SOUTH MILL

Item 94.7(From Mod 0):

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

Emission Unit: U-00015

Emission Point: 00015

Height (ft.): 41

Diameter (in.): 20

NYTMN (km.): 4694.063 NYTME (km.): 346.452 Building: NORTH MILL

Item 94.8(From Mod 0):

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

Emission Unit: U-00016

Emission Point: 00016

Height (ft.): 40

Length (in.): 20

Width (in.): 44

NYTMN (km.): 4694.039 NYTME (km.): 346.387 Building: PELLET

Item 94.9(From Mod 0):

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

Emission Unit: U-00019

Emission Point: 00019

Height (ft.): 39

Diameter (in.): 30

NYTMN (km.): 4693.8 NYTME (km.): 346.3 Building: SOUTH MILL

Item 94.10(From Mod 0):

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

Emission Unit: U-BLR01

Emission Point: 00020

Height (ft.): 125

Diameter (in.): 54

NYTMN (km.): 4693.8 NYTME (km.): 346.3 Building: BR2

Item 94.11(From Mod 0):

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

Emission Unit: U-BLR02

Emission Point: 00018

Height (ft.): 75

Diameter (in.): 24

NYTMN (km.): 4694.091 NYTME (km.): 346.368 Building: BR

Condition 95: Process Definition By Emission Unit

Effective between the dates of 10/29/2012 and 10/25/2022

Applicable State Requirement:6 NYCRR Subpart 201-5

New York State Department of Environmental Conservation

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001



Item 95.1(From Mod 1):

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

Emission Unit: U-00021
Process: KCL Source Classification Code: 3-01-114-01
Process Description:
Crystallization and processing of potassium chloride

Emission Source/Control: KCLSB - Control
Control Type: WET SCRUBBER

Emission Source/Control: KCLFB - Process

Item 95.2(From Mod 0):

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

Emission Unit: U-00007
Process: 007 Source Classification Code: 3-05-021-01
Process Description:
Rotary salt cooler is used to cool salt prior to processing operations.

Emission Source/Control: RC001 - Control
Control Type: IMPINGEMENT PLATE SCRUBBER

Emission Source/Control: SC001 - Process

Item 95.3(From Mod 0):

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

Emission Unit: U-00007
Process: 07A Source Classification Code: 3-05-021-01
Process Description: Flake clean-up operations.

Emission Source/Control: RC001 - Control
Control Type: IMPINGEMENT PLATE SCRUBBER

Emission Source/Control: FC001 - Process

Item 95.4(From Mod 0):

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

Emission Unit: U-00008
Process: 008 Source Classification Code: 3-05-021-01
Process Description:
Fluid-bed salt dryer is used to dry salt slurry prior to processing operations.

Emission Source/Control: FBD01 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: SD001 - Process

New York State Department of Environmental Conservation

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001



Item 95.5(From Mod 0):

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

Emission Unit: U-00009

Process: 009

Source Classification Code: 3-05-021-06

Process Description:

Miscellaneous conveyors, surge bins, screens bagging and other processing operations installed prior to 8/1/83.

Emission Source/Control: MLL09 - Control

Control Type: FABRIC FILTER

Emission Source/Control: MHO09 - Process

Item 95.6(From Mod 0):

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

Emission Unit: U-00009

Process: 09N

Source Classification Code: 3-05-021-06

Process Description:

Miscellaneous conveyors, surge bins, screens, bagging and other processing operations installed after 8/1/83 (NSPS Subpart OOO applicable).

Emission Source/Control: MLL09 - Control

Control Type: FABRIC FILTER

Emission Source/Control: MHN09 - Process

Item 95.7(From Mod 0):

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

Emission Unit: U-00013

Process: 013

Source Classification Code: 3-05-021-04

Process Description:

Flake salt and CENTER MILL product conveying and packaging operations installed prior to 8/1/83.

Emission Source/Control: FPAC1 - Control

Control Type: FABRIC FILTER

Emission Source/Control: MHO13 - Process

Item 95.8(From Mod 0):

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

Emission Unit: U-00013

Process: N13

Source Classification Code: 3-05-021-01

Process Description:

Flake salt and CENTER MILL product conveying and packaging operations installed after 8/1/83 and before

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Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001



Emission Unit: U-00015

Process: N15

Source Classification Code: 3-05-021-01

Process Description:

Bulk material conveying, screening, storage and transfer operations installed after 8/1/83 (NSPS Subpart OOO applicable)

Emission Source/Control: TMB01 - Control

Control Type: FABRIC FILTER

Emission Source/Control: MHN15 - Process

Item 95.13(From Mod 0):

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

Emission Unit: U-00016

Process: 016

Source Classification Code: 3-05-021-01

Process Description:

Pellet processing, conveying, screening, storage and packaging operations installed prior to 8/1/83.

Emission Source/Control: PEL01 - Control

Control Type: IMPINGEMENT PLATE SCRUBBER

Emission Source/Control: MHO16 - Process

Item 95.14(From Mod 0):

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

Emission Unit: U-00016

Process: N16

Source Classification Code: 3-05-021-01

Process Description:

Pellet processing, conveying, screening, storage and packaging operations installed after 8/1/83 (NSPS Subpart OOO applicable)

Emission Source/Control: PEL01 - Control

Control Type: IMPINGEMENT PLATE SCRUBBER

Emission Source/Control: MHN16 - Process

Item 95.15(From Mod 0):

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

Emission Unit: U-00019

Process: B19

Source Classification Code: 3-05-021-01

Process Description:

Back-up for flake salt operations (EU U-00014). Flake mill, conveying, screening, storage and miscellaneous processing operations installed after 4/22/08 (NSPS Subpart OOO applicable).

