

Facility DEC ID: 8442400001

**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  
Mod 2 Effective Date: 02/12/2018 Expiration Date: 10/25/2022  
Mod 3 Effective Date: 12/10/2019 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:  
Third Modification to Air State Facility permit to change operating parameters for the new wet scrubber following the emissions tests.

The second modification of the Air State Facility permit, replaced the equipment from the former Emission Units U-00013 and U-00014 with a new Emission Unit (U-00022). This change involved the upgrade of two fabric filter baghouses to an impingement plate scrubber.

The Watkins Glen Plant produces food grade salt by evaporation and drying of solution mined brine. The initial Air State Facility Permit replaced a previous Title V Facility Permit for salt production operations, based on the reduction of facility potential emissions to below Title V thresholds. The first modification includes the installation of a KCL system dryer/cooler system and venture scrubber.

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The Emission Units are:

- U-BLR01 - a 181 MMBTU/hr natural gas-fired boiler;
- 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-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 - KCL system dryer/cooler system and venture scrubber;
- U-00022 - impingement plate scrubber for dust collection system.

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

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

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

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### 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.

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- 6 7 Submission of application for permit modification or renewal-REGION 8 HEADQUARTERS

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**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 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 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

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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 2-1: Applications for permit renewals, modifications and transfers**  
**Applicable State Requirement: 6 NYCRR 621.11**

**Item 2-1.1:**

The permittee must submit a 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 2-1.2:**

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

**Item 2-1.3**

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

**Condition 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.

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**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

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

ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY PERMIT

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15407 MCGINTY RD W  
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  
1389 - OIL AND GAS FIELD SERVICES NEC

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- 15 20 40CFR 60.8(c), NSPS Subpart A: Required performance test information.
- 15 21 40CFR 60.8(d), NSPS Subpart A: Prior notice.
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- 15 23 40CFR 60.8(f), NSPS Subpart A: Number of required tests.
- 16 24 40CFR 60.9, NSPS Subpart A: Availability of information.
- 16 25 40CFR 60.11, NSPS Subpart A: Opacity standard compliance testing.
- 16 26 40CFR 60.12, NSPS Subpart A: Circumvention.
- 16 27 40CFR 60.13, NSPS Subpart A: Monitoring requirements.
- 17 28 40CFR 60.14, NSPS Subpart A: Modifications.
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- 19 30 40CFR 60.676(a), NSPS Subpart OOO: Reporting and  
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**EU=U-00007**

- 20 2-5 6 NYCRR 212-2.4 (a): Compliance Demonstration
- 21 2-6 6 NYCRR 212-2.4 (a): Compliance Demonstration

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- 21 2-7 6 NYCRR 212-2.4 (a): Compliance Demonstration

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**EU=U-00008**

- 22 2-8 6 NYCRR 212-2.1 (b): Compliance Demonstration
- 23 2-9 6 NYCRR 212-2.1 (b): Compliance Demonstration
- 23 2-10 6 NYCRR 212-2.1 (b): Compliance Demonstration

**EU=U-00009,EP=00009**

- 24 2-11 6 NYCRR 212-2.4 (b): Compliance Demonstration
- 25 2-12 6 NYCRR 212-2.4 (b): Compliance Demonstration

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

- 25 42 40CFR 60.672, NSPS Subpart OOO: Compliance Demonstration
- 26 43 40CFR 60.672, NSPS Subpart OOO: Compliance Demonstration

**EU=U-00015,EP=00015**

- 26 2-13 6 NYCRR 212-2.4 (b): Compliance Demonstration
- 27 2-14 6 NYCRR 212-2.4 (b): Compliance Demonstration

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

- 28 57 40CFR 60.672, NSPS Subpart OOO: Compliance Demonstration
- 28 58 40CFR 60.672, NSPS Subpart OOO: Compliance Demonstration

**EU=U-00016,EP=00016**

- 29 2-15 6 NYCRR 212-2.4 (b): Compliance Demonstration
- 29 2-16 6 NYCRR 212-2.4 (b): Compliance Demonstration
- 30 2-17 6 NYCRR 212-2.4 (b): Compliance Demonstration

**EU=U-00019,EP=00019**

- 30 66 40CFR 60.672(a), NSPS Subpart OOO: Compliance Demonstration
- 31 67 40CFR 60.676(d), NSPS Subpart OOO: Compliance Demonstration
- 32 68 40CFR 60.676(d), NSPS Subpart OOO: Compliance Demonstration

**EU=U-00021**

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- 34 2-19 6 NYCRR 212-2.3 (a): Compliance Demonstration

**EU=U-00021,Proc=KCL**

- 34 1-4 6 NYCRR 212-2.4 (b): Compliance Demonstration

**EU=U-00022,EP=00022**

- 35 3-1 6 NYCRR 212-2.4 (b): Compliance Demonstration
- 36 3-2 6 NYCRR 212-2.4 (b): Compliance Demonstration
- 37 2-22 40CFR 60.674, NSPS Subpart OOO: Compliance Demonstration
- 37 2-23 40CFR 60.676, NSPS Subpart OOO: Compliance Demonstration

**EU=U-BLR01,EP=00020**

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- 38 69 6 NYCRR 227-1.3 (a): Compliance Demonstration
- EU=U-BLR01,EP=00020,Proc=NG4**
- 40 70 40CFR 60.44b, NSPS Subpart Db: Compliance Demonstration
- 40 71 40CFR 60.44b(h), NSPS Subpart Db: Applicability of oxides of nitrogen standard.
- 41 72 40CFR 60.44b(i), NSPS Subpart Db: Averaging period.
- 41 73 40CFR 60.46b(e)(1), NSPS Subpart Db: Compliance and performance requirements.
- 41 74 40CFR 60.46b(e)(4), NSPS Subpart Db: Compliance Demonstration
- 42 75 40CFR 60.48b(b), NSPS Subpart Db: Oxides of nitrogen monitoring requirements.
- 42 76 40CFR 60.48b(c), NSPS Subpart Db: Compliance Demonstration
- 43 77 40CFR 60.48b(e)(2), NSPS Subpart Db: Compliance Demonstration
- 44 78 40CFR 60.48b(f), NSPS Subpart Db: Use of alternative methods for measuring NOx during CEMS downtime
- 44 79 40CFR 60.49b(a), NSPS Subpart Db: Compliance Demonstration
- 45 80 40CFR 60.49b(b), NSPS Subpart Db: Compliance Demonstration
- 46 81 40CFR 60.49b(d), NSPS Subpart Db: Compliance Demonstration
- 46 82 40CFR 60.49b(g), NSPS Subpart Db: Compliance Demonstration
- 47 83 40CFR 60.49b(h), NSPS Subpart Db: Compliance Demonstration
- 48 84 40CFR 60.49b(i), NSPS Subpart Db: Compliance Demonstration
- 49 85 40CFR 60.49b(o), NSPS Subpart Db: Records Retention
- 49 86 40CFR 60.49b(w), NSPS Subpart Db: Reporting Period

**EU=U-BLR02**

- 49 87 6 NYCRR 227-1.3 (a): Compliance Demonstration

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- 52 88 ECL 19-0301: Contaminant List
- 53 89 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 53 90 6 NYCRR Subpart 201-5: Emission Unit Definition
- 55 91 6 NYCRR 201-5.2 (c): Renewal deadlines for state facility permits
- 55 92 6 NYCRR 201-5.3 (c): Compliance Demonstration
- 56 12 6 NYCRR 211.1: Air pollution prohibited

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- 56 94 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
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**FEDERALLY ENFORCEABLE CONDITIONS**

Mod 3/FINAL

\*\*\*\* 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,

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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**

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**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)**

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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

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or permit the burning of any materials in an open fire.

**Item 3.2**

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

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

**Condition 4: Maintenance of Equipment**  
**Effective between the dates of 10/29/2012 and 10/25/2022**

**Applicable Federal Requirement: 6 NYCRR 200.7**

**Item 4.1:**

Any person who owns or operates an air contamination source which is equipped with an



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emission control device shall operate such device and keep it in a satisfactory state of maintenance and repair in accordance with ordinary and necessary practices, standards and procedures, inclusive of manufacturer's specifications, required to operate such device effectively.

**Condition 5: Recycling and Salvage**  
**Effective between the dates of 10/29/2012 and 10/25/2022**

**Applicable Federal Requirement:6 NYCRR 201-1.7**

**Item 5.1:**

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

**Condition 6: Prohibition of Reintroduction of Collected Contaminants to the air**  
**Effective between the dates of 10/29/2012 and 10/25/2022**

**Applicable Federal Requirement:6 NYCRR 201-1.8**

**Item 6.1:**

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

**Condition 7: Exempt Sources - Proof of Eligibility**  
**Effective between the dates of 10/29/2012 and 10/25/2022**

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

**Item 7.1:**

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

**Condition 8: Trivial Sources - Proof of Eligibility**  
**Effective between the dates of 10/29/2012 and 10/25/2022**

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

**Item 8.1:**

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

**Condition 9: Required Emissions Tests**  
**Effective between the dates of 10/29/2012 and 10/25/2022**

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**Applicable Federal Requirement:6 NYCRR 202-1.1**

**Item 9.1:**

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

**Condition 10: Accidental release provisions.  
Effective between the dates of 10/29/2012 and 10/25/2022**

**Applicable Federal Requirement:40 CFR Part 68**

**Item 10.1:**

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

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

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

**Condition 11: Recycling and Emissions Reduction  
Effective between the dates of 10/29/2012 and 10/25/2022**

**Applicable Federal Requirement:40CFR 82, Subpart F**

**Item 11.1:**

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

**Condition 93: Visible Emissions Limited  
Effective between the dates of 10/29/2012 and 10/25/2022**

**Applicable Federal Requirement:6 NYCRR 211.2**

**Item 93.1:**

Except as permitted by a specific part of this Subchapter and for open fires for which a restricted burning permit has been issued, no person shall cause or allow any air contamination

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source to emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.

**Condition 2-1: Compliance Demonstration**  
**Effective between the dates of 02/12/2018 and 10/25/2022**

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

**Item 2-1.1:**

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

Emission Unit: U-00007	Emission Point: 00007
Emission Unit: U-00008	Emission Point: 00008
Emission Unit: U-00009	Emission Point: 00009
Emission Unit: U-00015	Emission Point: 00015
Emission Unit: U-00016	Emission Point: 00016
Emission Unit: U-00019	Emission Point: 00019
Emission Unit: U-00022 Process: FLK	Emission Source: MHO13
Emission Unit: U-00022 Process: FLK	Emission Source: MHO14

**Item 2-1.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No facility owner or operator shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source or emission point, except for the emission of uncombined water.

Parameter Monitored: OPACITY  
 Upper Permit Limit: 20 percent  
 Reference Test Method: Method 9  
 Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
 DESCRIPTION  
 Averaging Method: 6-MINUTE AVERAGE (METHOD 9)  
 Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 2-2: EPA Region 2 address.**

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Effective between the dates of 02/12/2018 and 10/25/2022

Applicable Federal Requirement:40CFR 60.4, NSPS Subpart A

**Item 2-2.1:**

This Condition applies to:

Emission Unit: U00009  
Process: 09N

Emission Unit: U00015  
Process: N15

Emission Unit: U00019  
Process: N19

Emission Unit: U00022  
Process: FLK

Emission Unit: UBLR01  
Process: NG4

**Item 2-2.2:**

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

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

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

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

**Condition 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:

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- 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 requirements of 40 CFR Part 60.7(a).

**Condition 18: Performance testing timeline.****Effective between the dates of 10/29/2012 and 10/25/2022****Applicable Federal Requirement:40CFR 60.8(a), NSPS Subpart A****Item 18.1:**

Within 60 days after achieving the maximum production rate, but not later than 180 days after initial startup of the facility, the owner or operator of the facility shall conduct performance

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testing and provide the results of such tests, in a written report, to the Administrator.

**Condition 19: Performance test methods.**  
**Effective between the dates of 10/29/2012 and 10/25/2022**

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

**Item 19.1:**

Performance testing shall be conducted in accordance with the methods and procedures prescribed in 40 CFR 60 or by alternative methods and procedures approved by the Administrator.

**Condition 20: Required performance test information.**  
**Effective between the dates of 10/29/2012 and 10/25/2022**

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

**Item 20.1:**

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

**Condition 21: Prior notice.**  
**Effective between the dates of 10/29/2012 and 10/25/2022**

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

**Item 21.1:**

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

**Condition 22: Performance testing facilities.**  
**Effective between the dates of 10/29/2012 and 10/25/2022**

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

**Item 22.1:**

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

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

**Condition 23: Number of required tests.**  
**Effective between the dates of 10/29/2012 and 10/25/2022**

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

**Item 23.1:**

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

**Condition 24: Availability of information.**  
**Effective between the dates of 10/29/2012 and 10/25/2022**

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

**Item 24.1:**  
 The availability to the public of information provided to, or otherwise obtained by, the Administrator under this part shall be governed by 40 CFR Part 2.

**Condition 25: Opacity standard compliance testing.**  
**Effective between the dates of 10/29/2012 and 10/25/2022**

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

**Item 25.1:**  
 The following conditions shall be used to determine compliance with the opacity standards:

1) observations shall be conducted in accordance with Reference Method 9, in Appendix A of 40 CFR Part 60(or an equivalent method approved by the Administrator including continuous opacity monitors);

2) the opacity standards apply at all times except during periods of start up, shutdown, and malfunction; and

3) all other applicable conditions cited in section 60.11 of this part.

**Condition 26: Circumvention.**  
**Effective between the dates of 10/29/2012 and 10/25/2022**

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

**Item 26.1:**  
 No owner or operator subject to the provisions of this part shall build, erect, install, or use any article, machine, equipment or process, the use of which conceals an emission which would otherwise constitute a violation of an applicable standard. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance with an opacity standard or with a standard which is based on the concentration of a pollutant in the gases discharged to the atmosphere.

**Condition 27: Monitoring requirements.**  
**Effective between the dates of 10/29/2012 and 10/25/2022**

**Applicable Federal Requirement:40CFR 60.13, NSPS Subpart A**

**Item 27.1:**  
 All continuous monitoring systems and devices shall be installed, calibrated, maintained, and operated in accordance with the requirements of section 60.13.

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**Condition 28: Modifications.**

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

**Applicable Federal Requirement:40CFR 60.14, NSPS Subpart A**

**Item 28.1:**

Within 180 days of the completion of any physical or operational change (as defined in section 60.14), compliance with the applicable standards must be achieved.

**Condition 29: Reconstruction**

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

**Applicable Federal Requirement:40CFR 60.15, NSPS Subpart A**

**Item 29.1:**

The following shall be submitted to the Administrator prior to reconstruction (as defined in section 60.15):

- 1) a notice of intent to reconstruct 60 days prior to the action;
- 2) name and address of the owner or operator;
- 3) the location of the existing facility;
- 4) a brief description of the existing facility and the components to be replaced;
- 5) a description of the existing air pollution control equipment and the proposed air pollution control equipment;
- 6) an estimate of the fixed capital cost of the replacements and of constructing a comparable entirely new facility;
- 7) the estimated life of the facility after the replacements; and
- 8) a discussion of any economic or technical limitations the facility may have in complying with the applicable standards of performance after the proposed replacements.

**Condition 2-3: Compliance Demonstration**

**Effective between the dates of 02/12/2018 and 10/25/2022**

**Applicable Federal Requirement:40CFR 60.672, NSPS Subpart OOO**

**Item 2-3.1:**

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: U-00022

Process: FLK

Emission Source: MHN13

Emission Unit: U-00022

Process: FLK

Emission Source: MHN14



Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

**Item 2-3.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

On and after the 60th day after achieving the maximum production rate, but not later than 180 days after initial startup, no owner or operator of a non-metallic mineral processing plant which is determined to be applicable to this Subpart as per 40 CFR 60.670 and defined by 40 CFR 60.671 may allow the discharge of any visible fugitive emissions from any of the following operations:

- any building enclosing any transfer point on a conveyor belt or any affected facility except emissions from a vent as defined in §60.671 (see §60.672(e)(1));
- wet screening operations and subsequent screening operations, bucket elevators, and belt conveyors that process saturated material in the production line up to the next crusher, grinding mill or storage bin.(see §60.672(h)(1))
- screening operations, bucket elevators, and belt conveyors in the production line downstream of wet mining operations, where such screening operations, bucket elevators, and belt conveyors process saturated materials up to the first crusher, grinding mill, or storage bin in the production line (see §60.672(h)(2))

Compliance with this standard will be determined by using the appropriate test methods specified in §60.675 following a protocol and monitoring schedule approved by the Department.

Parameter Monitored: OPACITY

Upper Permit Limit: 7 percent

Reference Test Method: EPA RM22

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2018.

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

**Condition 2-4: Compliance Demonstration**

**Effective between the dates of 02/12/2018 and 10/25/2022**

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

**Item 2-4.1:**

The Compliance Demonstration activity will be performed for the facility:

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

The Compliance Demonstration applies to:

Emission Unit: U-00022                      Emission Point: 00022  
 Process: FLK                                      Emission Source: MHN13

Emission Unit: U-00022                      Emission Point: 00022  
 Process: FLK                                      Emission Source: MHN14

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

**Item 2-4.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

For affected facilities (as defined in §60.670 and 60.671) that commenced construction, reconstruction, or modification on or after April 22, 2008, the facility must not emit particulate matter at an emission rate of 0.032 g/dscm or more for the following operations:  
 - any stack emissions venting any transfer point on belt conveyors  
 - any transfer point on a conveyor belt or any other affected facility is enclosed in a building  
 - any building enclosing any transfer point on a conveyor belt or any other affected facility emissions.

Compliance with this standard will be determined by conducting a stack emission test following a protocol and according to a schedule acceptable to the Department and according to the provisions in §60.8 and 60.675. This must be done within 60 days after the facility achieves the maximum production rate at which the facility will be operated, but not later than 180 days after initial startup.

Upper Permit Limit: 0.032 grams PM per dry standard cubic meter

Reference Test Method: 40 CFR 60 Appendix A Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE - SEE MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 30: Reporting and Recordkeeping for Replacement of Equipment Effective between the dates of 10/29/2012 and 10/25/2022**

**Applicable Federal Requirement:40CFR 60.676(a), NSPS Subpart OOO**

Permit ID: 8-4424-00001/00030

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**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 2-5: Compliance Demonstration**  
**Effective between the dates of 02/12/2018 and 10/25/2022**

**Applicable Federal Requirement: 6 NYCRR 212-2.4 (a)**

**Item 2-5.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00007

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 2-5.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL

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: FLOW RATE

Lower Permit Limit: 15 gallons per minute

Reference Test Method: 40 CFR 60 Appendix A Method 5

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 2-6: Compliance Demonstration**

**Effective between the dates of 02/12/2018 and 10/25/2022**

**Applicable Federal Requirement:6 NYCRR 212-2.4 (a)**

**Item 2-6.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00007

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 2-6.2:**

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: PRESSURE DROP

Lower Permit Limit: 1 inches of water

Reference Test Method: 40 CFR 60 Appendix A Method 5

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 2-7: Compliance Demonstration**

**Effective between the dates of 02/12/2018 and 10/25/2022**

**Applicable Federal Requirement:6 NYCRR 212-2.4 (a)**

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

**Item 2-7.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00007

Emission Point: 00007

Regulated Contaminant(s):

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

**Item 2-7.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

No facility owner or operator shall cause or allow emissions of particulate that exceed 0.15 grains per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis, except in instances where the determination of the 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.

Parameter Monitored: PM-10

Upper Permit Limit: 0.15 grains per dscf

Reference Test Method: Method 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 2-8: Compliance Demonstration**

**Effective between the dates of 02/12/2018 and 10/25/2022**

**Applicable Federal Requirement: 6 NYCRR 212-2.1 (b)**

**Item 2-8.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00008

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 2-8.2:**

Compliance Demonstration shall include the following monitoring:

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

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

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

Reference Test Method: 40 CFR 60 Appendix A Method 5

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 2-9: Compliance Demonstration**  
**Effective between the dates of 02/12/2018 and 10/25/2022**

**Applicable Federal Requirement:6 NYCRR 212-2.1 (b)**

**Item 2-9.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00008

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 2-9.2:**

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: PRESSURE DROP

Lower Permit Limit: 3 inches of water

Reference Test Method: 40 CFR 60 Appendix A Method 5

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 2-10: Compliance Demonstration**  
**Effective between the dates of 02/12/2018 and 10/25/2022**

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

**Applicable Federal Requirement:6 NYCRR 212-2.1 (b)**

**Item 2-10.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00008

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 2-10.2:**

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 2-11: Compliance Demonstration**

**Effective between the dates of 02/12/2018 and 10/25/2022**

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

**Item 2-11.1:**

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 2-11.2:**

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.

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

Parameter Monitored: PRESSURE DROP  
Lower Permit Limit: 1 inches of water  
Reference Test Method: 40 CFR 60 Appendix A method 5  
Monitoring Frequency: DAILY  
Averaging Method: MINIMUM - NOT TO FALL BELOW STATED  
VALUE - SEE MONITORING DESCRIPTION  
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 2-12: Compliance Demonstration**  
**Effective between the dates of 02/12/2018 and 10/25/2022**

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

**Item 2-12.1:**

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 2-12.2:**

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: UPON REQUEST OF REGULATORY AGENCY  
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED  
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                      Emission Point: 00009  
Process: 09N

**Item 42.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL



Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

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**

**Applicable Federal Requirement:40CFR 60.672, NSPS Subpart OOO**

**Item 43.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00009

Emission Point: 00009

Process: 09N

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 43.2:**

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 2-13: Compliance Demonstration**  
**Effective between the dates of 02/12/2018 and 10/25/2022**

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

**Item 2-13.1:**

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

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 2-13.2:**

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  
 Reference Test Method: 40 CFR 60 Appendix A method 5  
 Monitoring Frequency: DAILY  
 Averaging Method: MINIMUM - NOT TO FALL BELOW STATED  
 VALUE - SEE MONITORING DESCRIPTION  
 Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 2-14: Compliance Demonstration**  
**Effective between the dates of 02/12/2018 and 10/25/2022**

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

**Item 2-14.1:**

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 2-14.2:**

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: UPON REQUEST OF REGULATORY AGENCY  
 Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
 METHOD INDICATED

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

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

Monitoring Description:

Compliance with federal New Source Performance Standard

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

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 2-15: Compliance Demonstration**  
**Effective between the dates of 02/12/2018 and 10/25/2022**

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

**Item 2-15.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00016                      Emission Point: 00016

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

**Item 2-15.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

The monitoring range specified in this condition is based on the average pressure drop of 5.1 inches of water measured in the most recent stack test conducted on 1/24/02.

Parameter Monitored: PRESSURE DROP  
Lower Permit Limit: 3.6 inches of water  
Upper Permit Limit: 6.6 inches of water  
Monitoring Frequency: DAILY  
Averaging Method: RANGE-NOT TO FALL OUTSIDE OF STATED RANGE EXCEPT DURING STARTUP/SHUTDOWN  
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 2-16: Compliance Demonstration**  
**Effective between the dates of 02/12/2018 and 10/25/2022**

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

**Item 2-16.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00016                      Emission Point: 00016

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

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

**Item 2-16.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

The monitoring range specified in this condition is based on the average flow of 187 gallons per minute measured in the most recent stack test conducted on 1/24/02.

Parameter Monitored: FLOW RATE

Lower Permit Limit: 130 gallons per minute

Monitoring Frequency: DAILY

Averaging Method: MINIMUM - NOT TO FALL BELOW STATED  
VALUE AT ANY TIME

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 2-17: Compliance Demonstration**  
Effective between the dates of 02/12/2018 and 10/25/2022

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

**Item 2-17.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00016 Emission Point: 00016

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

**Item 2-17.2:**

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: UPON REQUEST OF REGULATORY AGENCY

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

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

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

**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 Appendx A method 5  
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION  
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED  
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 67: Compliance Demonstration**  
**Effective between the dates of 10/29/2012 and 10/25/2022**

**Applicable Federal Requirement:40CFR 60.676(d), NSPS Subpart OOO**

**Item 67.1:**

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 67.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:  
Scrubber liquid flow shall be monitored and reported as required in §60.674 - §60.676. The monitoring range specified in this conditon is based on the average flow of 41 gallons per minute measured in the most recent stack test conducted on 04/04/12.

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

Parameter Monitored: FLOW RATE  
Lower Permit Limit: 29 gallons per minute  
Monitoring Frequency: DAILY  
Averaging Method: MINIMUM - NOT TO FALL BELOW STATED  
VALUE AT ANY TIME  
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 68: Compliance Demonstration**  
**Effective between the dates of 10/29/2012 and 10/25/2022**

**Applicable Federal Requirement: 40CFR 60.676(d), NSPS Subpart OOO**

**Item 68.1:**

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 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)**

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

**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 2-18: Compliance Demonstration**

Effective between the dates of 02/12/2018 and 10/25/2022

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

**Item 2-18.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00021

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 2-18.2:**

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.

The stated limits are preliminary design estimates of scrubber operating parameters. Operating experience may require that they be changed. The facility will monitor operations and record appropriate data to demonstrate compliance with applicable emission standards. The facility will apply to this Department for the appropriate



Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

modification of this permit when the correct limits have been determined.

Parameter Monitored: PRESSURE DROP  
 Lower Permit Limit: 2 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 2-19: Compliance Demonstration**  
**Effective between the dates of 02/12/2018 and 10/25/2022**

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

**Item 2-19.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00021

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

**Item 2-19.2:**

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.

The stated limits are preliminary design estimates of scrubber operating parameters. Operating experience may require that they be changed. The facility will monitor operations and record appropriate data to demonstrate compliance with applicable emission standards. The facility will apply to this Department for the appropriate modification of this permit when the correct limits have been determined.

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

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

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

**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 3-1: Compliance Demonstration**

**Effective between the dates of 12/10/2019 and 10/25/2022**

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

**Item 3-1.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00022

Emission Point: 00022

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

**Item 3-1.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

The combined liquid flow rate to the plate and spray nozzles of the wet scrubber will be monitored and recorded daily. If flow rate below the stated minimum is observed the facility will investigate and correct the cause as soon as possible and report to the Department as stated in 6 NYCRR Part 201-1.4. This condition only applies to sources not subject to the NSPS rule 40 CFR 60.670, Subpart OOO.

Manufacturer Name/Model Number: Sly Impinjet 170

Parameter Monitored: FLOW RATE

Lower Permit Limit: 36.5 gallons per minute

Monitoring Frequency: DAILY

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 3-2: Compliance Demonstration**  
**Effective between the dates of 12/10/2019 and 10/25/2022**

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

**Replaces Condition(s) 2-20**

**Item 3-2.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00022

Emission Point: 00022

**Item 3-2.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Scrubber differential pressure will be monitored as an indicator of normal operation. Pressure readings outside of the permitted range will initiate diagnosis and repair as required.

Parameter Monitored: PRESSURE CHANGE

Lower Permit Limit: 1.4 inches of water

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

Upper Permit Limit: 2.6 inches of water  
Monitoring Frequency: DAILY  
Averaging Method: RANGE-NOT TO FALL OUTSIDE OF STATED  
RANGE EXCEPT DURING STARTUP/SHUTDOWN  
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 2-22: Compliance Demonstration**  
**Effective between the dates of 02/12/2018 and 10/25/2022**

**Applicable Federal Requirement:40CFR 60.674, NSPS Subpart OOO**

**Item 2-22.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00022

Emission Point: 00022

**Item 2-22.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of any affected facility subject to the provisions of this subpart which uses a wet scrubber to control emissions shall install, calibrate, maintain and operate the following monitoring devices:

- a device for the continuous measurement of the pressure loss of the gas stream through the scrubber. The monitoring device must be certified by the manufacturer to be accurate within  $\pm 250$  pascals  $\pm 1$  inch water gauge pressure and must be calibrated on an annual basis in accordance with manufacturer's instructions.

- a device for the continuous measurement of the scrubbing liquid flow rate to the wet scrubber. The monitoring device must be certified by the manufacturer to be accurate within  $\pm 5$  percent of design scrubbing liquid flow rate and must be calibrated on an annual basis in accordance with manufacturer's instructions.

Monitoring, record keeping and reporting shall be according to section 60.676 of this subpart.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 2-23: Compliance Demonstration**  
**Effective between the dates of 02/12/2018 and 10/25/2022**

**Applicable Federal Requirement:40CFR 60.676, NSPS Subpart OOO**

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

**Item 2-23.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00022

Emission Point: 00022

**Item 2-23.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The following paragraphs of section 60.676 shall apply:

(a) Each owner or operator seeking to comply with §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.

(c) During the initial performance test of a wet scrubber, and daily thereafter, the owner or operator shall record the measurements of both the change in pressure of the gas stream across the scrubber and the scrubbing liquid flow rate.

(d) After the initial performance test of a wet scrubber, the owner or operator shall submit semiannual reports to the Administrator of occurrences when the measurements of the scrubber pressure loss and liquid flow rate decrease by more than 30 percent from the average determined during the most recent performance test.

(e) The reports required under paragraph (d) of this section shall be postmarked within 30 days following end of the second and fourth calendar quarters.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

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

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

**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.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

Reference Test Method: EPA Method 9

Monitoring Frequency: DAILY

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 70: Compliance Demonstration**  
**Effective between the dates of 10/29/2012 and 10/25/2022**

**Applicable Federal Requirement:40CFR 60.44b, NSPS Subpart Db**

**Item 70.1:**

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

**Item 70.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The owner or operator shall install, calibrate, maintain, and operate a continuous monitoring system for measuring nitrogen oxides emissions discharged to the atmosphere and record the output of the system.

Manufacturer Name/Model Number: Not Specified

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.1 pounds per million Btus

Reference Test Method: 40 CFR 60 Appendix A

Monitoring Frequency: CONTINUOUS

Averaging Method: 30-DAY ROLLING AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2013.

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

**Condition 71: Applicability of oxides of nitrogen standard.**  
**Effective between the dates of 10/29/2012 and 10/25/2022**

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

**Item 71.1:**

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

Process: NG4

**Item 71.2:**

The emissions standard for oxides of nitrogen shall apply at all times including periods of

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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

**Item 74.2:**

Compliance Demonstration shall include the following monitoring:



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Facility DEC ID: 8442400001

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  
DESCRIPTIONAveraging 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.

**Condition 76: Compliance Demonstration**  
**Effective between the dates of 10/29/2012 and 10/25/2022**

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

**Applicable Federal Requirement:40CFR 60.48b(c), NSPS Subpart Db****Item 76.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-BLR01                      Emission Point: 00020  
Process: NG4Regulated Contaminant(s):  
CAS No: 0NY210-00-0      OXIDES OF NITROGEN**Item 76.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The continuous monitoring systems required under paragraph 40 CFR 60.48b (b) shall be operated and data recorded during all periods of operation of the affected facility except for continuous monitoring system breakdowns and repairs. Data is recorded during calibration checks, and zero and span adjustments.

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 77:      Compliance Demonstration**  
**Effective between the dates of 10/29/2012 and 10/25/2022****Applicable Federal Requirement:40CFR 60.48b(e)(2), NSPS Subpart Db****Item 77.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-BLR01                      Emission Point: 00020  
Process: NG4Regulated Contaminant(s):  
CAS No: 0NY210-00-0      OXIDES OF NITROGEN**Item 77.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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.

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

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 Emission Point: 00020  
 Process: NG4

**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,

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(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                      Emission Point: 00020  
Process: NG4

**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 oxides emission limits under 40 CFR Part 60.42b, 60.43b, and 60.44b shall submit to the Administrator the performance test data from the initial performance test and the performance evaluation of the CEMS using the applicable performance specifications in appendix B.

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Facility DEC ID: 8442400001

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 81: Compliance Demonstration**  
**Effective between the dates of 10/29/2012 and 10/25/2022**

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

**Item 81.1:**

The Compliance Demonstration activity will be performed for:

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

**Item 81.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall record and maintain records of the amounts of each fuel combusted during each day and calculate the annual capacity factor individually for coal, distillate oil, residual oil, natural gas, wood, and municipal-type solid waste for each calendar quarter. The annual capacity factor is determined on a 12-month rolling average basis with a new annual capacity factor calculated at the end of each calendar month.

Monitoring Frequency: DAILY

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

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

**Item 82.1:**

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

**Item 82.2:**

Compliance Demonstration shall include the following monitoring:

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

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 NO<sub>2</sub>) (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 preceding 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.

The initial report is due 1/30/2013.

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

**Condition 83: Compliance Demonstration**  
**Effective between the dates of 10/29/2012 and 10/25/2022**

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

**Applicable Federal Requirement:40CFR 60.49b(h), NSPS Subpart Db****Item 83.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-BLR01                      Emission Point: 00020  
Process: NG4**Item 83.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall submit semiannual excess emission reports for opacity and/or, oxides of nitrogen, and/or sulfur dioxide any reporting period during which there are excess emissions from the affected facility. If there are no excess emissions during the reporting period, the owner or operator shall submit a report semiannually stating that no excess emissions occurred during that semiannual reporting period.

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 84:      Compliance Demonstration**  
**Effective between the dates of 10/29/2012 and 10/25/2022****Applicable Federal Requirement:40CFR 60.49b(i), NSPS Subpart Db****Item 84.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-BLR01                      Emission Point: 00020  
Process: NG4Regulated Contaminant(s):  
CAS No: 0NY210-00-0      OXIDES OF NITROGEN**Item 84.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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.

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

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:



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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).

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

**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.

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Facility DEC ID: 8442400001

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**

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

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 3):**

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

Emission Unit: U-00022

Emission Unit Description:

This emissions unit processes and packages a product line

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Facility DEC ID: 8442400001

called Premier Flake. A new impingement wet scrubber has replaced two dry collectors.

Building(s): SOUTH MILL

**Item 90.2(From Mod 2):**

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 2):**

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 2):**

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 2):**

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 90.6(From Mod 2):**

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.

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Facility DEC ID: 8442400001

Building(s): PELLETT

**Item 90.7(From Mod 2):**

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 90.8(From Mod 2):**

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 collection controlled by a wet scrubber.

Building(s): PAN

**Item 90.9(From Mod 2):**

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

**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)**

**Item 91.1:**

The owner or operator of a facility having an issued state facility permit shall submit a complete application at least 180 days, but not more than eighteen months, prior to the date of permit expiration for permit renewal purposes.

**Condition 92: Compliance Demonstration  
Effective between the dates of 10/29/2012 and 10/25/2022**

**Applicable State Requirement:6 NYCRR 201-5.3 (c)**

**Item 92.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 92.2:**

Compliance Demonstration shall include the following monitoring:

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Any reports or submissions required by this permit shall be submitted to the Regional Air Pollution Control Engineer (RAPCE) at the following address:

Division of Air Resources  
NYS Dept. of Environmental Conservation  
Region 8  
6274 East Avon-Lima Rd.  
Avon, NY 14414

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 12: Air pollution prohibited**  
**Effective between the dates of 10/29/2012 and 10/25/2022**

**Applicable State Requirement:6 NYCRR 211.1**

**Item 12.1:**

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

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

**Condition 94: Emission Point Definition By Emission Unit**  
**Effective between the dates of 10/29/2012 and 10/25/2022**

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

**Item 94.1(From Mod 3):**

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

Emission Unit: U-00022

Emission Point: 00022

Height (ft.): 39

Diameter (in.): 30

NYTMN (km.): 4694.091 NYTME (km.): 346.368 Building: SOUTH MILL

**Item 94.2(From Mod 2):**

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

Emission Unit: U-00007

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

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 2):**

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 2):**

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 2):**

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 94.6(From Mod 2):**

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 94.7(From Mod 2):**

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 94.8(From Mod 2):**

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



Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

Emission Unit: U-00021

Emission Point: 00021

Height (ft.): 79 Diameter (in.): 24  
 NYTMN (km.): 4694.091 NYTME (km.): 346.368 Building: PAN

**Item 94.9(From Mod 2):**

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

**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**

**Item 95.1(From Mod 3):**

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

Emission Unit: U-00022

Process: FLK Source Classification Code: 3-05-999-99

Process Description:

This process cleans the air from the sources originally controlled by flake packaging U-00013 and flake processing U-00014 - baggers . screeners, conveyors, elevators, rolling mills and bins that are a part of the flake product lines.

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

Emission Source/Control: MHN13 - Process

Emission Source/Control: MHN14 - Process

Emission Source/Control: MHO13 - Process

Emission Source/Control: MHO14 - 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.

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

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

Emission Source/Control: SC001 - Process

**Item 95.3(From Mod 2):**

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 2):**

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

**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 2):**

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:

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

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-00015  
Process: 015 Source Classification Code: 3-05-021-01  
Process Description:  
Bulk material conveying, screening, storage and transfer operations installed prior to 8/1/83.

Emission Source/Control: TMB01 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: MHO15 - Process

**Item 95.8(From Mod 2):**

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

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 95.9(From Mod 2):**

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

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

**Item 95.10(From Mod 2):**

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 processeing, 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 95.11(From Mod 2):**

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-00022). Flake mill, conveying, screening, storage and miscellaneous processing operations installed after 4/22/08 (NSPS Subpart OOO applicable).  
 Emission Source/Control: BND01 - Control  
 Control Type: WET SCRUBBER  
 Emission Source/Control: MNH19 - Process

**Item 95.12(From Mod 2):**

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

Emission Unit: U-00019  
 Process: N19 Source Classification Code: 3-05-021-01  
 Process Description:  
 CENTER MILL product line. Flake mill, blending, conveying, screening, storage and miscellaneous processing operations installed after 4/22/08 (NSPS Subpart OOO applicable).  
 Emission Source/Control: BND01 - Control  
 Control Type: WET SCRUBBER  
 Emission Source/Control: MNH19 - Process

**Item 95.13(From Mod 2):**

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

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

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

Emission Source/Control: KCLFB - Process

**Item 95.14(From Mod 2):**

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

Emission Unit: U-BLR01  
Process: NG4 Source Classification Code: 1-02-006-01  
Process Description: Natural gas combustion in the 181 MMBTU/hr boiler.

Emission Source/Control: NG004 - Combustion  
Design Capacity: 181 million BTUs per hour

Emission Source/Control: LN004 - Control  
Control Type: LOW NOx BURNER

**Permit ID: 8-4424-00001/00030**

**Facility DEC ID: 8442400001**