

New York State Department of Environmental Conservation
Facility DEC ID: 4192600021



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 4-1926-00021/00040
Effective Date: 01/03/2002 Expiration Date: 01/03/2007

Permit Issued To: ST LAWRENCE CEMENT CO LLC
1945 GRAHAM BLVD
MONT-ROYAL, PQ H3R-1H1

Contact: DENNIS SKIDMORE
ST LAWRENCE CEMENT CORP
PO BOX 12-310
ALBANY, NY 12212-0310
(518) 943-4040

Facility: ST LAWRENCE CEMENT CORP-CATSKILL QUARRY
RT 9W
CATSKILL, NY 12414

Contact: FARIEL BENAMEUR
ST LAWRENCE CEMENT
ROUTE 9W / PO BOX 31
CATSKILL, NY 12414-0031

Description:

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: MICHAEL T. HIGGINS
1150 NORTH WESCOTT RD
SCHENECTADY, NY 12306-2014

Authorized Signature: _____ Date: ____ / ____ / ____



Notification of Other 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, agents, and assigns for all claims, suits, actions, damages, and costs of every name and description, arising out of or resulting from the permittee's undertaking of activities or operation and maintenance of the facility or facilities authorized by the permit in compliance or non-compliance with the terms and conditions of the permit.

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

Facility Inspection by the Department

Relationship of this Permit to Other Department Orders and Determinations

Applications for Permit Renewals and Modifications

Permit Modifications, Suspensions, and Revocations by the Department

Facility Level

Submission of Applications for Permit Modification or Renewal -REGION 4
HEADQUARTERS



DEC GENERAL CONDITIONS

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

Condition 1: Facility Inspection by the Department
Applicable State Requirement: ECL 19-0305.

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

Condition 2: Relationship of this Permit to Other Department Orders and Determinations
Applicable State Requirement: ECL 3-0301.2(m)

Item 2.1:

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

Condition 3: Applications for Permit Renewals and Modifications
Applicable State Requirement: 6NYCRR 621.13(a)

Item 3.1:

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

Item 3.2:

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

Condition 4: Permit Modifications, Suspensions, and Revocations by the Department
Applicable State Requirement: 6NYCRR 621.14

Item 4.1:

The Department reserves the right to modify, suspend, or revoke this permit. The grounds for

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modification, suspension or revocation include:

- a) the scope of the permitted activity is exceeded or a violation of any condition of the permit or provisions of the ECL and pertinent regulations is found;
- b) the permit was obtained by misrepresentation or failure to disclose relevant facts;
- c) new material information is discovered; or
- d) environmental conditions, relevant technology, or applicable law or regulation have materially changed since the permit was issued.

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

Condition 5: Submission of Applications for Permit Modification or Renewal -REGION 4 HEADQUARTERS
Applicable State Requirement: 6NYCRR 621.5(a)

Item 5.1:

Submission of applications for permit modification or renewal are to be submitted to:

NYSDEC Regional Permit Administrator
Region 4 Headquarters
Division of Environmental Permits
1150 North Westcott Rd.
Schenectady, NY 12306-2014
(518) 357-2069



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Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

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CATSKILL, NY 12414

Contact: FARIEL BENAMEUR
ST LAWRENCE CEMENT
ROUTE 9W / PO BOX 31
CATSKILL, NY 12414-0031

Authorized Activity By Standard Industrial Classification Code:
3241 - CEMENT, HYDRAULIC

Permit Effective Date: 01/03/2002

Permit Expiration Date: 01/03/2007



LIST OF CONDITIONS

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FEDERALLY ENFORCEABLE CONDITIONS

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

Condition 1: Sealing

Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 200.5

Item 1.1:

(a) 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 labelling 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.

(b) 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.

(c) Unless authorized by the commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section

Condition 2: Acceptable ambient air quality

Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 200.6

Item 2.1:

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 3: Maintenance of equipment

Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 200.7

Item 3.1:

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



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Condition 4: Unpermitted Emission Sources
Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 201-1.2

Item 4.1:

If an existing emission source was subject to the permitting requirements of 6NYCRR 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.

Condition 5: Emergency Defense
Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 201-1.5

Item 5.1:

An emergency constitutes an affirmative defense to an action brought for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

- (a) The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:
 - (1) An emergency occurred and that the facility owner and/or operator can identify the cause(s) of the emergency;
 - (2) The equipment at the permitted facility causing the emergency was at the time being properly operated; and
 - (3) During the period of the emergency the facility owner and/or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and
 - (4) The facility owner and/or operator notified the Department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.
- (b) In any enforcement proceeding, the facility owner and/or operator seeking to establish the occurrence of an emergency has the burden of proof.
- (c) This provision is in addition to any emergency or upset provision contained in any applicable requirement.



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Condition 6: Recycling and Salvage
Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 201-1.7

Item 6.1:

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.

Condition 7: Prohibition of Reintroduction of Collected Contaminants to the Air
Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 201-1.8

Item 7.1:

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

Condition 8: Public Access to Recordkeeping for Title V facilities
Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 201-1.10(b)

Item 8.1:

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

Condition 9: Proof of Eligibility
Effective between the dates of 01/03/2002 and 01/03/2007

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

Item 9.1:

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.

Condition 10: Exempt Activities - Maintenance of Control Equipment
Effective between the dates of 01/03/2002 and 01/03/2007

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

Item 10.1:

Owner of any emission source or unit that is listed as eligible to be exempt in 6 NYCRR Part 201-3.2(c), on the basis of the use of appropriate emission control device shall operate and maintain such device in a manner consistent with good engineering practices.

Condition 11: Proof of Eligibility

Effective between the dates of 01/03/2002 and 01/03/2007

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

Item 11.1:

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.

Condition 12: Trivial Activities - Maintenance of Control Equipment

Effective between the dates of 01/03/2002 and 01/03/2007

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

Item 12.1:

The owner and /or operator of any emission source or unit that is listed as eligible to be exempt in 6 NYCRR Part 201-3.3(c), on the basis of the use of appropriate emission control device shall operate and maintain such device in a manner consistent with good engineering practices.

Condition 13: Applicable Criteria, Limits, Terms, Conditions and Standards

Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 201-6.

Item 13.1:

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

- i. Any reporting requirements and operations under an accidental release plan, response plan, and compliance plan as approved as of the date of the permit issuance, or
- ii. Any support documents submitted as a part of the permit application for this facility as accepted and approved as of the date of permit issuance.



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Any noncompliance with the federally-enforceable portions of this permit constitutes a violation of the federal Clean Air Act and will be grounds for enforcement action, for permit termination, revocation and reissuance, or modification, or for denial of a permit renewal application.

Item 13.2:

Any document, including reports, required by the federally-enforceable portions of this permit shall contain a certification by the responsible official for this facility as set forth in Section 201-6.3 that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.

**Condition 14: Cessation or Reduction of Permitted Activity Not a Defense
Effective between the dates of 01/03/2002 and 01/03/2007**

Applicable Federal Requirement: 6NYCRR 201-6.

Item 14.1:

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

**Condition 15: Compliance Requirements
Effective between the dates of 01/03/2002 and 01/03/2007**

Applicable Federal Requirement: 6NYCRR 201-6.

Item 15.1:

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

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

Any deviation from permit requirements must be clearly identified in all records and reports. Reports must be certified by the responsible official, consistent with Section 201-6.3 of Part 201.

Item 15.2:

The permittee shall comply with the approved compliance schedule for this permit if such a schedule is a part of this permit. Risk management plans must be submitted to the Administrator if required by



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Section 112(r) of the Clean Air Act for this facility.

Item 15.3:

Progress reports consistent with an applicable schedule of compliance must be submitted at least semiannually on a calendar year basis, or at a more frequent period if specified in the applicable requirement or by the Department elsewhere in this permit. These reports shall be submitted to the Department within 30 days after the end of a reporting period. Such progress reports shall contain the following:

- i. Dates for achieving the activities, milestones, or compliance required in the schedule of compliance, and dates when such activities, milestones or compliance were achieved; and
- ii. An explanation of why any dates in the schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

Condition 16: Federally-Enforceable Requirements
Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 201-6.

Item 16.1:

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.

Condition 17: Fees
Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 201-6.

Item 17.1:

The permittee shall pay the required fees associated with this permit.

Condition 18: Monitoring, Related Recordkeeping and Reporting Requirements
Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 201-6.

Item 18.1:

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

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Condition 19: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements

Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 201-6.

Item 19.1:

This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not relieve the permittee from the requirement to comply with any condition contained in this permit.

The permittee shall furnish to the Department, within a reasonable time, any information that the Department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. The permittee shall also, on request, furnish the Department with copies of records required to be kept by the permit. Where information is claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

Condition 20: Permit Shield

Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 201-6.

Item 20.1:

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

- i. The ability of the Department to seek to bring suit on behalf of the State of New York, or the Administrator to seek to bring suit on behalf of the United States, to immediately restrain any person causing or contributing to pollution presenting an imminent and substantial endangerment to public health, welfare or the environment to stop the emission of air pollutants causing or contributing to such pollution;
- ii. The liability of a permittee of the Title V facility for any violation of applicable requirements prior to or at the time of permit issuance;
- iii. The applicable requirements of Title IV of the Act;



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

Condition 21: Property Rights

Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 201-6.

Item 21.1:

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

Condition 22: Reopening for Cause

Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 201-6.

Item 22.1:

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

i. If additional applicable requirements under the Act become applicable where this permit's remaining term is three or more years, a reopening shall be completed not later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which this permit is due to expire, unless the original permit or any of its terms and conditions has been extended by the Department pursuant to the provisions of Part 201-6.7 and Part 621.

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

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

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

Item 22.2:

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

Item 22.3:

Reopenings shall not be initiated before a notice of such intent is provided to the facility by the Department at least thirty days in advance of the date that the permit is to be reopened, except that the Department may provide a shorter time period in the case of an emergency.

Condition 23: Right to Inspect

Effective between the dates of 01/03/2002 and 01/03/2007



Applicable Federal Requirement: 6NYCRR 201-6.

Item 23.1:

Upon presentation of credentials and other documents, as may be required by law, the permittee shall allow the Department or an authorized representative to perform the following:

- i. Enter upon the permittee's premises where the permitted facility is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;
- ii. Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
- iii. Inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and
- iv. As authorized by the Act, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

Condition 24: Severability

Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 201-6.

Item 24.1:

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

Condition 25: Emission Unit Definition

Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 201-6.

Item 25.1:

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

Emission Unit: U-000A1
Emission Unit Description:
PRIMARY CRUSHING.

Building(s): PRIMCRUSH

Item 25.2:

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

Emission Unit: U-000A7
Emission Unit Description:
Secondary crusher and discharge of secondary crusher onto belt A7



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Building(s): SECCRUSH

Item 25.3:

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

Emission Unit: U-000D8

Emission Unit Description:

PRODUCT WITHDRAWAL FROM C SILOS INTO
TRUCKS AND BULK TRUCK/RAILCAR LOADING.

Building(s): CSILOBUILD
OUTSIDE

Item 25.4:

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

Emission Unit: U-000L5

Emission Unit Description:

PRODUCT PACKAGING MACHINES.

Building(s): PACKHOUSE

Item 25.5:

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

Emission Unit: U-000R8

Emission Unit Description:

RAW MATERIAL TRANSFER.

Building(s): TUNNEL

Item 25.6:

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

Emission Unit: U-000W7

Emission Unit Description:

COAL/SOLID FUEL TRANSFER FROM RAILCAR TO
1W10 BELT.

Building(s): COVCVYR
RAILUNLD

Item 25.7:

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

Emission Unit: U-00A11

Emission Unit Description:

MASONRY/SPECIALTY STONE TRANSFER/STORAGE.

Building(s): MASSIOBLD
OUTSIDE

Item 25.8:



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

Emission Unit: U-00A14

Emission Unit Description:

WOBBLER FEEDER.

Building(s): SECCRUSH

Item 25.9:

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

Emission Unit: U-00D13

Emission Unit Description:

PRODUCT TRANSFER INTO D STORAGE SILOS.

Building(s): OUTSIDE

Item 25.10:

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

Emission Unit: U-00D26

Emission Unit Description:

PRODUCT WITHDRAWAL FROM D STORAGE SILOS.

Building(s): OUTSIDE

Item 25.11:

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

Emission Unit: U-00D36

Emission Unit Description:

PRODUCT TRANSFER INTO C STORAGE SILOS.

Building(s): OUTSIDE

46Item 25.12:

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

Emission Unit: U-00F40

Emission Unit Description:

FINISH MILL FEED ELEVATORS, FINISH MILLS,
COOLERS AND HOPPERS

Building(s): FIRING

Item 25.13:

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

Emission Unit: U-00F52

Emission Unit Description:

FINISH MILL FEEDERS/SCREWS.

Building(s): FIRING



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Item 25.14:

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

Emission Unit: U-00K18

Emission Unit Description:
KILN.

Building(s): OUTSIDE

Item 25.15:

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

Emission Unit: U-00K20

Emission Unit Description:
CKD TRUCK LOADING THROUGH PUG MILL

Building(s): DUSTBLDG
OUTSIDE

Item 25.16:

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

Emission Unit: U-00K27

Emission Unit Description:
PRODUCT STORAGE SILOS.

Building(s): OUTSIDE

Item 25.17:

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

Emission Unit: U-00R12

Emission Unit Description:
BULK MATERIALS HANDLING/STORAGE.

Building(s): FIRING
OUTSIDE
TUNNEL

Item 25.18:

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

Emission Unit: U-00T10

Emission Unit Description:
PRODUCT TRANSFER TO RIVER BUNKER SILOS.

Building(s): OUTSIDE

Item 25.19:

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

Emission Unit: U-00W10

Emission Unit Description:



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CHUTE DISCHARGE ONTO BELT 1W10.

Building(s): MASSIOLBLD

Item 25.20:

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

Emission Unit: U-00W11

Emission Unit Description:

RAW MATERIAL TRANSFER TOWER.

Building(s): TRANTOWER

Item 25.21:

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

Emission Unit: U-00W14

Emission Unit Description:

CRANEWAY STORAGE HALL TRIPPER/TROWER.

Building(s): COVCRNWAY

Item 25.22:

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

Emission Unit: U-00W31

Emission Unit Description:

TRANSFER OF GYPSUM/ADDITIVES FROM
ELEVATORS TO GYPSUM/ADDITIVE BINS.
TRANSFER OF MASONRY/SPECIALTY STONE FROM
ELEVATORS TO MASONRY/SPECIALTY STONE BINS.

Building(s): FIRING

Item 25.23:

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

Emission Unit: U-00W33

Emission Unit Description:

FLYSAH/RAW MATERIAL BIN

Building(s): FIRING

Item 25.24:

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

Emission Unit: U-00W46

Emission Unit Description:

FLY ASH/RAW MATERIALS STORAGE BINS.

Building(s): FIRING

Item 25.25:



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

Emission Unit: U-06K50

Emission Unit Description:

CLINKER HANDLING/CLINKER COOLER.

Building(s): FIRING

Item 25.26:

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

Emission Unit: U-CKDBN

Emission Unit Description:

CKD HANDLING/UNLOADING.

Building(s): OUTSIDE

Item 25.27:

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

Emission Unit: U-COLML

Emission Unit Description:

COAL/SOLID FUEL MILL.

Building(s): FIRING

Item 25.28:

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

Emission Unit: U-FLASH

Emission Unit Description:

CKD/RAW MATERIAL/PRODUCTS SILOS.

Building(s): OUTSIDE

Item 25.29:

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

Emission Unit: U-PILE1

Emission Unit Description:

OUTSIDE STORAGE PILES INCLUDING, BUT NOT LIMITED TO: LIMESTONE STORAGE PILE, RAW MATERIAL STORAGE PILES, COAL/SOLID FUEL STORAGE PILE AND GYPSUM/ADDITIVE STORAGE PILE.

Building(s): OUTSIDE

Item 25.30:

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

Emission Unit: U-PILE2

Emission Unit Description:

INSIDE STORAGE PILES INCLUDING, BUT NOT



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LIMITED TO: COAL/SOLID FUEL STORAGE PILE
AND GYPSUM/ADDITIVE STORAGE PILE.

Building(s): COVCRNWAY

Item 25.31:

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

Emission Unit: U-PILE3

Emission Unit Description:

CKD LANDFILL.

Building(s): OUTSIDE

Item 25.32:

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

Emission Unit: U-QUARR

Emission Unit Description:

QUARRY: RAW MATERIAL LOADING/UNLOADING.

Building(s): QUARRY

Item 25.33:

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

Emission Unit: U-RAWML

Emission Unit Description:

RAW MILL.

Building(s): FIRING

Item 25.34:

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

Emission Unit: U-ROADS

Emission Unit Description:

HAUL ROADS.

Building(s): OUTSIDE

Condition 26: Compliance Certification

Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 201-6.5(c)(3)(ii)

Item 26.1:

The Compliance Certification activity will be performed for the Facility.

Item 26.2:

Compliance Certification shall include the following monitoring:

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Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

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

(1) For emissions of a hazardous air pollutant or a toxic air pollutant (as identified in an applicable regulation) that continue for more than an hour in excess of permit requirements, the report must be made within 24 hours of the occurrence.

(2) For emissions of any regulated air pollutant, excluding those listed in paragraph (1) of this section, that continue for more than two hours in excess of permit requirements, the report must be made within 48 hours.

(3) For all other deviations from permit requirements, the report shall be contained in the 6 month monitoring report required above.

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

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If any of the above conditions are met, the source must notify the permitting authority by telephone or facsimile based on the timetable listed in paragraphs (1) through (4) of this section. A written notice, certified by a responsible official consistent with 6 NYCRR Part 201-6.3(d)(12), must be submitted within 10 working days of the occurrence. All deviations reported under paragraph (1) through (4) of this section must also be identified in the 6 month monitoring report required above.

If the permittee seeks to have a violation excused as provided in 201-1.4, the permittee shall report such violations as required under 201-1.4(b). However, in no case may reports of any deviation be on a less frequent basis than those described in paragraphs (1) through (4) above. In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets.

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

In the case of any emission testing performed during the previous six month reporting period, either due to a request by the Department, EPA, or a regulatory requirement, the permittee shall include in the semiannual report a summary of the testing results and shall indicate whether or not the Department or EPA has approved the results.

All semiannual reports shall be submitted to the Administrator (or his or her representative) as well as two copies to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Compliance Monitoring and Enforcement (BCME) in the DEC central office). Mailing addresses for the above referenced persons are contained in the monitoring condition for 6 NYCRR Part 201-6.5(e),

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contained elsewhere in this permit.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/02.

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

Condition 27: Compliance Certification
Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 201-6.5(e)

Item 27.1:

The Compliance Certification activity will be performed for the Facility.

Item 27.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

- i. Compliance certifications shall contain:
 - the identification of each term or condition of the permit that is the basis of the certification;
 - the compliance status;
 - whether compliance was continuous or intermittent;
 - the method(s) used for determining the compliance status of the facility, currently and over the reporting period consistent with the monitoring and related recordkeeping and reporting requirements of this permit;
 - such other facts as the Department may require to determine the compliance status of the facility as specified in any special permit terms or conditions;and
 - such additional requirements as may be specified elsewhere in this permit related to compliance certification.
- ii. The responsible official must include in the annual certification report all terms and conditions contained in this permit, including emission limitations, standards, or work practices. That is, the provisions labeled herein as "Compliance Certification" are not the only provisions of this permit for which an annual certification is required.

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

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

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

The address for the RAPCE is as follows:

1150 North Westcott Road
Schenectady, NY 12306-2014

The address for the BCME is as follows:

NYSDEC
Bureau of Compliance Monitoring
and Enforcement
625 Broadway
Albany, NY 12233-3258

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/03.

Subsequent reports are due on the same day each year

Condition 28: Permit Exclusion Provisions
Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 201-6.5(g)

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Item 28.1:

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 currently pending or future legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant 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), and particularly any such enforcement action as may be authorized pursuant to 6 NYCRR 201-1.2 and 6 NYCRR 201-6.5(g).

The issuance of this permit by the Department and the receipt thereof by the Applicant does not supercede, revoke or rescind an order or modification thereof on consent or determination by the Commissioner issued heretofore by the Department or any of the terms, conditions or requirements contained in such order or modification thereof unless specifically intended by this permit.

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 the right of the Department to bring any future action, or pursue any pending action, either administrative or judicial, to required remediation, contribution for costs incurred or funds expended, for any violations, past, present or future, known or unknown, of applicable federal law, the ECL, or the rules and regulations promulgated thereunder, or conditions contained in any other licenses or permits issued to the Applicant and not addressed in this permit.

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 the right of the Department to pursue any claims for natural resource damages against the Applicant.

Condition 29: Required emissions tests
Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 202-1.1

Item 29.1:

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 6NYCRR Part 202-1.

Condition 30: Compliance Certification
Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 202-2.1

Item 30.1:

The Compliance Certification activity will be performed for the Facility.



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Item 30.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due by April 15th for previous calendar year

Condition 31: Recordkeeping requirements

Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 202-2.5

Item 31.1:

(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 32: Visible emissions limited.

Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 211.3

Item 32.1:

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

Condition 33: Open Fires Prohibited at Industrial and Commercial Sites

Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 215.

Item 33.1:

No person shall burn, cause, suffer, allow or permit the burning in an open fire of garbage, rubbish for salvage, or rubbish generated by industrial or commercial activities.



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Condition 34: Opacity reduction program
Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 220.4(c)

Item 34.1:

Any person who owns or operates an area, parking lot, clinker gallery, railcar loading shed, conveyor tunnel, access road, stockpile, building opening, or refuse disposal area at a portland cement plant that has the potential to emit visible emissions for one continuous hour or longer must apply corrective measures to eliminate such potential.

Condition 35: Compliance Certification
Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 220.5

Item 35.1:

The Compliance Certification activity will be performed for the Facility.

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

Item 35.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of this facility shall maintain and operate this facility in compliance with the Dust Control Plan.

The Dust Control Plan shall be reviewed by the owner or operator within 180 days of the issuance of this permit and 12 months thereafter in order to determine it is effective and if changes are required.

The owner or operator shall submit a report of any needed changes to the Dust Control Plan within 30 days of the facility's review of the plan. Changes shall become effected within 30 days of the Department's approval of the report. The report shall include a complete copy of the Dust Control Plan.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.



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The initial report is due 7/30/02.

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

Condition 36: Compliance Certification

Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 220.5(b)

Item 36.1:

The Compliance Certification activity will be performed for the Facility.

Item 36.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

In cases where the dust dump is within 1500 feet of any receptor, the owner and/or operator must seal the dust dump either by crusting or backfill twice yearly.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/02.

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

Condition 37: Compliance Certification

Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 220.5(c)

Item 37.1:

The Compliance Certification activity will be performed for the Facility.

Item 37.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If dumping procedures do not provide adequate protection from dust re-entrainment, the owner and or operator must install a windbreak. If visible emissions still reach the property line, the owner and or operator must precondition the waste dust.

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)



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Reports due 30 days after the reporting period.
The initial report is due 7/30/02.
Subsequent reports are due every 6 calendar month(s).

Condition 38: Compliance Certification
Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 220.6(b)

Item 38.1:

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

Emission Unit: U-00K18

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

Item 38.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

This facility shall meet the requirements of the 'RACT' plan for the operation of the kiln.

- 1) A continuous emissions monitor for oxides of nitrogen shall be operated at all times on the kiln exhaust stack.
- 2) A NO_x mass flow meter system shall be calibrated, operated and maintained on the kiln exhaust stack in order to report the NO_x emissions in pounds per hour.
- 3) A NO_x CONTROL 'EXPERT SYSTEM ACCENTS', OR EQUIVALENT, SHALL BE OPERATED, CALIBRATED, AND MAINTAINED ON THE KILN IN ORDER TO OPTIMIZE THE COMBUSTION PROCESS BY CONTROLLING THE FUEL ADDITION RATE, KILN EXIT TEMPERATURES, KILN DRAFT AND COMBUSTION EXCESS OXYGEN. INCLUDED IN THE CONTROL (but not limited to) ARE KILN

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BACKEND TEMPERATURES, DAMPER CONTROLS, FUEL CONTROL AND OXYGEN LEVELS. KILN EXHAUST NO_x LEVELS SHALL BE MONITORED WITH THE NO_x MASS FLOW SYSTEM WITH THE OUTPUT FED INTO THE 'ACCENTS SYSTEM', OR EQUIVALENT, WHICH WILL RESPOND BY CONTROLLING THE PARAMETERS NEEDED FOR OPTIMUM COMBUSTION.

The NOX emission limits for this kiln are:

18.0 pounds per ton of clinker produced over a 30 day rollong average.

1653 pounds per hour averaged over 24 hours for a 30 day rolling average.

Manufacturer Name/Model Number: NA
Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 18 pounds per ton
Reference Test Method: EPA
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 7/30/02.
Subsequent reports are due every 6 calendar month(s).

Condition 39: Compliance Certification
Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 220.6(b)

Item 39.1:

The Compliance Certification activity will be performed for the Facility.

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

Item 39.2:

Compliance Certification shall include the following monitoring:

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

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Monitoring Description:

NOx emissions from this facility are limited.

The NOx limit supplements the facility's existing NOx compliance strategy, which consists of:

A NOx CONTROL 'EXPERT SYSTEM ACCENTS', OR EQUIVALENT, SHALL BE OPERATED, CALIBRATED, AND MAINTAINED ON THE KILN IN ORDER TO OPTIMIZE THE COMBUSTION PROCESS BY CONTROLLING THE FUEL ADDITION RATE, KILN EXIT TEMPERATURES, KILN DRAFT AND COMBUSTION EXCESS OXYGEN. INCLUDED IN THE CONTROL (but not limited to) ARE KILN BACKEND TEMPERATURES, DAMPER CONTROLS, FUEL CONTROL AND OXYGEN LEVELS. KILN EXHAUST NOx LEVELS SHALL BE MONITORED WITH THE NOx MASS FLOW SYSTEM WITH THE OUTPUT FED INTO THE 'ACCENTS SYSTEM', OR EQUIVALENT, WHICH WILL RESPOND BY CONTROLLING THE PARAMETERS NEEDED FOR OPTIMUM COMBUSTION.

Manufacturer Name/Model Number: na

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 18 pounds per ton

Reference Test Method: USEPA Method 7E

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 7/30/02.

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

Condition 40: Compliance Certification

Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 225-1.8

Item 40.1:

The Compliance Certification activity will be performed for the Facility.

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Item 40.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

An owner or operator of a facility which purchases and fires coal and/or oil shall submit reports to the commissioner containing fuel analysis data, information on the quantity of the fuel received, burned, and results of any stack sampling, stack monitoring and any other procedures to ensure compliance with the provisions of 6 NYCRR Part 225-1. All records shall be available for a minimum of three years.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/02.

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

Condition 41: EPA Region 2 address.

Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 40CFR 60.4, NSPS Subpart A

Item 41.1:

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 Enforcement and Compliance Assurance
625 Broadway
Albany, NY 12233-3258

Condition 42: Compliance Certification



New York State Department of Environmental Conservation

Permit ID: 4-1926-00021/00040

Facility DEC ID: 4192600021

Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 40CFR 60.62(c), NSPS Subpart F

Item 42.1:

The Compliance Certification activity will be performed for the Facility.

Item 42.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

On or after the date on which the performance test required to be conducted by 40 CFR part 60.8 is completed, no owner or operator subject to the provisions of this subpart shall cause to be discharged into the atmosphere from any affected facility other than the kiln or clinker cooler any gases which exhibit 10 percent opacity or greater.

Emission units that are subject to this condition are:

U-00A14 - A4 discharge(wobbler feeder)
U-00F40 - finish grind mill sweep vent finish mill 1 &
22

Parameter Monitored: OPACITY

Upper Permit Limit: 10 percent

Reference Test Method: method 9

Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/02.

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

Condition 43: Compliance Certification

Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 40CFR 63, Subpart LLL

Item 43.1:

The Compliance Certification activity will be performed for the Facility.

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Item 43.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

This facility shall be in compliance with the applicable requirements of 40 CFR Part 63, Subpart A, General Provisions as listed in Table 1 to subpart LLL. 'Applicability of General Provisions'

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/02.

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

Condition 44: Compliance Certification

Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 40CFR 63.1348, Subpart LLL

Item 44.1:

The Compliance Certification activity will be performed for the Facility.

Item 44.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The owner or operator of each new or existing raw mill, clinker, or finished product storage bin, conveying system transfer point, bagging system, and bulk loading and unloading system and each existing raw mill dryer at a facility which is a major source subject to the provisions of this subpart shall not cause to be discharged any gases from these affected sources which exhibit opacity in excess of ten percent.

Parameter Monitored: OPACITY

Upper Permit Limit: 10 percent

Reference Test Method: EPA Method 22

Monitoring Frequency: MONTHLY

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.



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The initial report is due 7/30/02.

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

Condition 45: Compliance Certification

Effective between the dates of 06/10/2002 and 01/03/2007

Applicable Federal Requirement: 40CFR 63.1349(a), Subpart LLL

Item 45.1:

The Compliance Certification activity will be performed for the Facility.

Item 45.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an affected source subject to Subpart LLL shall demonstrate initial compliance with the emissions limits of Subpart LLL using the test methods and procedures in paragraph (b) of 40 CFR 63.1349 and 40 CFR 63.7 Performance test results shall be documented in complete test reports that contain the information required by paragraphs (a)(1) through (a)(10) of 40 CFR 63.1349 as well as other relevant information. The plan to be followed during testing shall be made available to the Department prior to testing.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 46: Performance testing requirements

Effective between the dates of 06/10/2002 and 01/03/2007

Applicable Federal Requirement: 40CFR 63.1349(b)(1), Subpart LLL

Item 46.1:

The owner or operator of a kiln subject to limitations on particulate matter emissions shall demonstrate initial compliance by conducting a performance test as specified in paragraphs (b)(1)(i) through (b)(1)(iv) of 40 CFR 63.1349.

The owner or operator of a clinker cooler subject to limitations on particulate matter emissions shall demonstrate initial compliance by conducting a performance test as specified in paragraphs (b)(1)(i) through (b)(1)(iii) of 40 CFR 63.1349. The opacity exhibited during the period of the Method 5 of Appendix A of 40 CFR 60 performance tests required by paragraph (b)(1)(i) of 40 CFR 63.1349 shall be determined as required in (b)(1)(v) through (vi) of 40 CFR 63.1349.

Condition 47: Performance testing requirements



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Effective between the dates of 06/10/2002 and 01/03/2007

Applicable Federal Requirement: 40CFR 63.1349(c), Subpart LLL

Item 47.1:

The performance tests required under 40 CFR 63.1349(b)(1) and (2) shall be repeated every five years. The owner or operator of a kiln or clinker cooler is not required to repeat the initial performance test of opacity for the kiln or clinker cooler.

Condition 48: Performance testing requirements

Effective between the dates of 06/10/2002 and 01/03/2007ar

Applicable Federal Requirement: 40CFR 63.1349(d), Subpart LLL

Item 48.1:

Performance tests required under 40 CFR 63.1349(b)(3) shall be repeated every 30 months.

Condition 49: Performance testing requirements

Effective between the dates of 06/10/2002 and 01/03/2007

Applicable Federal Requirement: 40CFR 63.1349(e), Subpart LLL

Item 49.1:

The owner or operator is required to repeat the performance tests for kilns as specified in 40 CFR 63.1349(b)(1) and (b)(3) within 90 days of initiating any significant change in the feed or fuel from that used in the previous performance test.

Condition 50: Monitoring Requirements

Effective between the dates of 06/10/2002 and 01/03/2007

Applicable Federal Requirement: 40CFR 63.1350(a), Subpart LLL

Item 50.1:

The owner or operator of each portland cement plant shall prepare for each affected source subject to the provisions of Subpart LLL a written operations and maintenance plan. The plan shall be submitted to the Administrator for review and approval as part of the application for a Part 70 (Title V) permit and shall include the following information:

- procedures for proper operation and maintenance of the affected source and air pollution control devices in order to meet the emissions limits and operating limits of 40 CFR 63.1343 through 63.1348;
- corrective actions to be taken when required by 40 CFR 63.1350(e);
- procedures to be used during an inspection of the components of the combustion system of each kiln;
- procedures to be used to periodically monitor affected sources subject to opacity standards under 40 CFR 63.1346 and 63.1348.



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Condition 51: Compliance Certification

Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 40CFR 63.1350(a), Subpart LLL

Item 51.1:

The Compliance Certification activity will be performed for the Facility.

Item 51.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of this portland cement plant shall submit to the Department, the written Operations and Maintenance Plan, required by this regulation, as part of and included in a Title V Permit Modification Application no later than March 01, 2002

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/02.

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

Condition 52: Compliance Certification

Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 40CFR 63.1350(a), Subpart LLL

Item 52.1:

The Compliance Certification activity will be performed for the Facility.

Item 52.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each portland cement plant shall prepare for each affected source subject to the provisions of Subpart LLL a written operations and maintenance plan. The plan shall be submitted to the Administrator for review and approval as part of the application for a Part 70 (Title V) permit and shall include the following information:



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- procedures for proper operation and maintenance of the affected source and air pollution control devices in order to meet the emissions limits and operating limits of 40 CFR 63.1343 through 63.1348;
- corrective actions to be taken when required by 40 CFR 63.1350(e);
- procedures to be used during an inspection of the components of the combustion system of each kiln located at the facility at least once per year;
- procedures to be used to periodically monitor affected sources subject to opacity standards under 40 CFR 63.1346 and 63.1348.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/02.

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

**Condition 53: Monitoring Requirements - comply with O&M Plan
Effective between the dates of 06/10/2002 and 01/03/2007**

Applicable Federal Requirement: 40CFR 63.1350(b), Subpart LLL

Item 53.1:

Failure to comply with any provision of the operations and maintenance plan developed in accordance with paragraph (a) of 40 CFR 63.1350 shall be a violation of the standard.

**Condition 54: Monitoring requirements
Effective between the dates of 06/10/2002 and 01/03/2007**

Applicable Federal Requirement: 40CFR 63.1350(j), Subpart LLL

Item 54.1:

The owner or operator of an affected source subject to a limitation on opacity shall monitor opacity in accordance with the operation and maintenance plan developed in accordance with paragraph (a) of 40 CFR 63.1350.

**Condition 55: Compliance Certification
Effective between the dates of 06/10/2002 and 01/03/2007**

Applicable Federal Requirement: 40CFR 63.1350(j), Subpart LLL

Item 55.1:



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The Compliance Certification activity will be performed for the Facility.

Item 55.2:

Compliance Certification shall include the following monitoring:

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Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an affected source subject to a limitation on opacity under 40 CFR 63.1346 or 40 CFR 63.1348 shall monitor opacity in accordance with the operation and maintenance plan developed in accordance with paragraph (a) of 40 CFR 63.1350.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/02.

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

Condition 56: Compliance Dates

Effective between the dates of 06/10/2002 and 01/03/2007

Applicable Federal Requirement: 40CFR 63.1351(a), Subpart LLL

Item 56.1:

The compliance date for an owner or operator of an existing affected source subject to Subpart LLL is June 10, 2002.

Condition 57: Compliance Certification

Effective between the dates of 06/10/2002 and 01/03/2007

Applicable Federal Requirement: 40CFR 63.1351(a), Subpart LLL

Item 57.1:

The Compliance Certification activity will be performed for the Facility.

Item 57.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The compliance date for an owner or operator of an existing affected source subject to the provisions of 40 CFR Part 63 Subpart LLL is June 10, 2002. . All affected sources at this facility shall meet the applicable requirements of this Subpart that must be complied with by



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that date. All affected sources at this facility shall be subjected to Performance testing within 180 days after the compliance date in accordance with the applicable provisions of 40 CFR Part 63, sec. 63.7(a)(2) and sec. 63.7(g). Permit conditions in this entire permit included under 40 CFR Subpart LLL only, do not have to be complied with until prior to June 10, 2002. Permit conditions in this permit listed under Subpart LLL shall be listed in the Annual Compliance Certifications and the semi-annual Compliance Reports with a note indicating that the compliance date is June 10, 2002. After June 10, 2002 the Certifications and Reports shall fully report on the compliance of each permit condition applicable under Subpart LLL.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/02.

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

Condition 58: Additional Test Methods
Effective between the dates of 06/10/2002 and 01/03/2007

Applicable Federal Requirement: 40CFR 63.1352, Subpart LLL

Item 58.1:

Owners or operators conducting tests to determine the rates of emission of hydrogen chloride from kilns at portland cement manufacturing facilities, for use in applicability determinations under 40 CFR 63.1340 are permitted to use Method 320 or 321 of Appendix A of 40 CFR 63.

Owners or operators conducting tests to determine the rates of emissions of hydrogen chloride from kilns at portland cement manufacturing facilities, for use in applicability determinations under 40 CFR 63.1340 are permitted to use Methods 26 or 26A of Appendix A of 40 CFR 60, except that the results of these tests shall not be used to establish status as an area source.

Owners or operators conducting tests to determine the rates of emission of specific organic HAP from kilns at portland cement manufacturing facilities, for use in applicability determinations under 40 CFR 63.1340 are permitted to use Method 320 of Appendix A of 40 CFR 63 or Method 18 of Appendix A of 40 CFR 60.

Condition 59: Compliance Certification
Effective between the dates of 06/10/2002 and 01/03/2007

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Applicable Federal Requirement: 40CFR 63.1353, Subpart LLL

Item 59.1:

The Compliance Certification activity will be performed for the Facility.

Item 59.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Notification Requirements

Applicable Federal Requirement: 40CFR 63.1353, Subpart LLL

The notification provisions of 40 CFR 63 Subpart A that apply and those that do not apply to owners and operators of affected sources subject to Subpart LLL are listed in Table 1 of 40 CFR 63 subpart LLL. Each owner or operator subject to the requirements of Subpart LLL shall comply with the notifications requirements are follows:

- Initial notifications as required by 40 CFR 63.9(b) through (d)
- Notification of performance tests as required by 40 CFR 63.7 and 63.9(e).
- Notification of opacity and visible emission observations required by 40 CFR 63.1349 in accordance with 40 CFR 63.6(h)(5) and 40 CFR 63.9(f).
- Notification as required by 40 CFR 63.9(g), of the date that the continuous emission monitor performance evaluation required by 40 CFR 63.8(e) is scheduled to begin.
- Notification of compliance status as required by 40 CFR 63.9(h).

Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 60: Reporting Requirements

Effective between the dates of 06/10/2002 and 01/03/2007



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Applicable Federal Requirement: 40CFR 63.1354, Subpart LLL

Item 60.1:

The affected facility shall comply with the reporting requirements specified in 40 CFR 63.1354.

Condition 61: Compliance Certification

Effective between the dates of 06/10/2002 and 01/03/2007

Applicable Federal Requirement: 40CFR 63.1354, Subpart LLL

Item 61.1:

The Compliance Certification activity will be performed for the Facility.

Item 61.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

40 CFR 63.1354 REPORTING REQUIREMENTS

(b) The owner or operator of an affected source shall comply with the reporting requirements in §63.10 of the general provisions of those part 63, subpart A as follows:

(1) As required by §63.10(d)(2), the owner or operator shall report the results of performance tests as part of the notification of compliance status.

(2) As required by §63.10(d)(3), the owner or operator of an affected source shall report the opacity results from tests required by §63.1349.

(3) As required by §63.10(d)(4), the owner or operator of an affected source who is required to submit progress reports as a condition of receiving and extension of compliance under §63.6(i) shall submit such reports by the dates specified in the written extension of compliance.

(4) As required by §63.10(d)(5), if actions taken by an owner or operator during a startup, shutdown, or malfunction of an affected source (including actions taken to correct a malfunction) are consistent with the procedures specified in the source's startup, shutdown, and malfunction plan specified in §63.6(o)(3), the owner or operator shall state such information in a semiannual report. Reports shall only be required if a startup,

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shutdown or malfunction occurred during the reporting period. The startup, shutdown, and malfunction report may be submitted simultaneously with the excess emissions and continuous monitoring system performance reports; and

(5) Any time an action taken by an owner or operator during a startup, shutdown, or malfunction (including actions taken to correct a malfunction) is not consistent with the procedures in the startup, shutdown, and malfunction plan, the owner or operator shall make an immediate report of the actions taken for that event within 2 working days, by telephone call or facsimile (FAX) transmission. The immediate report shall be followed by a letter, certified by the owner or operator or other responsible official, explaining the circumstances of the event, the reasons for not following the startup, shutdown, and malfunction plan, and whether any excess emissions and/or parameter monitoring exceedances are believed to have occurred.

(6) As required by §63.10(e)(2), the owner or operator shall submit a written report of the results of the performance evaluation for the continuous monitoring system required by §63.8(e). The owner or operator shall submit the report simultaneously with the results of the performance test.

(7) As required by §63.10(e)(2), the owner or operator of an affected source using a continuous opacity monitoring system to determine opacity compliance during any performance test required under §63.7 and described in §63.6(d)(6) shall report the results of the continuous opacity monitoring system performance evaluation conducted under § 63.8(e).

(8) As required by §63.10(e)(3), the owner or operator of an affected source equipped with a continuous emission monitor shall submit an excess emissions and continuous monitoring system performance report for any event when the continuous monitoring system data indicate the source is not in compliance with the applicable emission limitation or operating parameter limit.

(9) The owner or operator shall submit a summary report semiannually which contains the information specified in §63.10(e)(3)(vii). In addition, the summary report shall include:

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(i) All exceedences of maximum control device inlet gas temperature limits specified in §63.1344(a) and (b);

(ii) All failures to calibrate thermocouples and other temperature sensors as required under §63.1350(f)(7) of this subpart; and

(iii) Not Applicable

(iv) The results of any combustion system component inspections conducted within the reporting period as required under §63.1350(i).

(v) All failures to comply with any provision of the operation and maintenance plan developed in accordance with § 63.1350(a).

(10) If the total continuous monitoring system downtime for any CEM or any continuous monitoring system (CMS) for the reporting period is ten percent or great of the total operating time for the reporting period, the owner or operator shall submit an excess emissions and continuous monitoring system performance report along with the summary report.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/02.

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

Condition 62: Compliance Certification
Effective between the dates of 06/10/2002 and 01/03/2007

Applicable Federal Requirement: 40CFR 63.1355, Subpart LLL

Item 62.1:

The Compliance Certification activity will be performed for the Facility.

Item 62.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

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Monitoring Description:

The owner or operator shall maintain files of all information (including all reports and notifications) required in 40 CFR 63.1355 in a form suitable and readily available for inspection and reviews required by 40 CFR 63.10(b)(1). The files shall be retained for at least 5 years following the date of each occurrence, measurement, maintenance, corrective action, report or record. At a minimum., the most recent 2 years of data shall be retained on site. The remaining 3 years of data may be retained off site. The files may be maintained on microfilm, on a computer, on floppy disks, on magnetic tape, or on microfiche.

The owner or operator shall maintain records for each affected source as required by 40 CFR 63.10(b)(2) and (3) and:

- All documentation supporting initial notifications and notifications of compliance status under 40 CFR 63.9;
- All records of applicability determination, including supporting analyses; and
- If the owner or operator has been granted a waiver under 40 CFR 63.8(f)(6), any information demonstrating whether a source is meeting the requirements for a waiver of recordkeeping or reporting requirements.

In addition to the recordkeeping requirements above, the owner or operator of an affected source equipped with a continuous monitoring system shall maintain all records required under 40 CFR 63.10(c).

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/02.

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

Condition 63: Exemption from NSPS
Effective between the dates of 06/10/2002 and 01/03/2007

Applicable Federal Requirement: 40CFR 63.1356, Subpart LLL

Item 63.1:

Except as noted below, any affected source subject to the provisions of Subpart LLL is exempted from



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any otherwise applicable new source performance standard contained in 40 CFR 60 Subpart F.

Kilns, as applicable under 40 CFR 60.60(b) located at area sources are subject to PM and opacity limits and associated reporting and recordkeeping, under 40 CFR 60 Subpart F.

Greenfield raw material dryers, as applicable under 40 CFR 60.60(b), located at area sources are subject to opacity limits and associated recordkeeping and reporting requirements under 40 CFR 60 Subpart F.

Condition 64: Standards for labeling of products using ozone-depleting substances
Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 40CFR 82, Subpart E

Item 64.1:

The permittee shall comply with the standards for labeling of products using ozone-depleting substances pursuant to 40 CFR Part 82, Subpart E:

- a. All containers containing a class I or class II substance that is stored or transported, all products containing a class I substance, and all products directly manufactured with a class I substance must bear the required warning statement if it is being introduced into interstate commerce pursuant to 40 CFR Part 82.106.
- b. The placement of the required warning statement must comply with the requirements pursuant to 40 CFR Part 82.108.
- c. The form of the label bearing the required warning statement must comply with the requirements pursuant to 40 CFR Part 82.110.
- d. No person may modify, remove, or interfere with the required warning statement except as described in 40 CFR Part 82.112.

Condition 65: Recycling and Emissions Reduction
Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 40CFR 82, Subpart F

Item 65.1:

The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for MVAC's in Subpart B:

- a. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR Part 82.156.
- b. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR Part 82.158.



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Height (ft.): 142

Diameter (in.): 13

Building: OUTSIDE

Emission Point: 20D13

Height (ft.): 142

Diameter (in.): 13

Building: OUTSIDE

Item 66.4:

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

Emission Unit: U-00D26

Emission Point: 00D26

Height (ft.): 9

Diameter (in.): 10

Building: OUTSIDE

Item 66.5:

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

Emission Unit: U-00D36

Emission Point: 00D36

Height (ft.): 149

Diameter (in.): 22

NYTMN (km.): 4668.524 NYTME (km.): 589.932 Building: OUTSIDE

Item 66.6:

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

Emission Unit: U-00F40

Emission Point: 00F38

Height (ft.): 147

Diameter (in.): 25

Building: FIRING

Emission Point: 00F40

Height (ft.): 147

Length (in.): 20

Width (in.): 30

Building: FIRING

Emission Point: 20F38

Height (ft.): 147

Diameter (in.): 25

Building: FIRING

Emission Point: 20F40

Height (ft.): 147

Length (in.): 20

Width (in.): 30

Building: FIRING

Item 66.7:

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

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Emission Unit: U-00K18

Emission Point: 00K18

Height (ft.): 100

Diameter (in.): 162

NYTMN (km.): 4668.524 NYTME (km.): 589.932 Building: OUTSIDE

Item 66.8:

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

Emission Unit: U-00K20

Emission Point: 03K20

Height (ft.): 6

Length (in.): 24

Width (in.): 18

Building: DUSTBLDG

Emission Point: 06K19

Height (ft.): 8

Length (in.): 24

Width (in.): 24

Building: DUSTBLDG

Emission Point: 09K20

Height (ft.): 35

Diameter (in.): 20

n0

Building: OUTSIDE

Item 66.9:

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

Emission Unit: U-00K27

Emission Point: 00K27

Height (ft.): 144

Diameter (in.): 10

NYTMN (km.): 4668.524 NYTME (km.): 589.932 Building: OUTSIDE

Item 66.10:

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

Emission Unit: U-00T10

Emission Point: 00T10

Height (ft.): 70

Length (in.): 20

Width (in.): 30

NYTMN (km.): 4668.524 NYTME (km.): 589.932 Building: OUTSIDE

Item 66.11:

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

Emission Unit: U-00W31

Emission Point: 00W31



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Height (ft.): 145 Diameter (in.): 10
NYTMN (km.): 4668.524 NYTME (km.): 589.932 Building: FIRING

Emission Point: 00W32
Height (ft.): 145 Diameter (in.): 10
NYTMN (km.): 4668.524 NYTME (km.): 589.932 Building: FIRING

Item 66.12:

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

Emission Unit: U-00W33

Emission Point: 00W33
Height (ft.): 145 Diameter (in.): 6
NYTMN (km.): 4668.524 NYTME (km.): 589.932 Building: FIRING

Item 66.13:

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

Emission Unit: U-00W46

Emission Point: 00W46
Height (ft.): 145 Diameter (in.): 10
NYTMN (km.): 4668.524 NYTME (km.): 589.932 Building: FIRING

Item 66.14:

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

Emission Unit: U-06K50

Emission Point: 06K50
Height (ft.): 50 Diameter (in.): 88
NYTMN (km.): 4668.524 NYTME (km.): 589.932 Building: FIRING

Item 66.15:

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

Emission Unit: U-FLASH

Emission Point: BSILO
Height (ft.): 7 Length (in.): 24 Width (in.): 24

Emission Point: BTRUK
Height (ft.): 13 Length (in.): 24 Width (in.): 24

Condition 67: Process Definition By Emission Unit
Effective between the dates of 01/03/2002 and 01/03/2007

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Applicable Federal Requirement: 6NYCRR 201-6.

Item 67.1:

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

Emission Unit: U-000A1

Process: R01

Source Classification Code: 3-05-007-09

Process Description: PRIMARY CRUSHING.

Emission Source/Control: 000A1 - Process

Item 67.2:

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

Emission Unit: U-000A7

Process: R03

Source Classification Code: 3-05-007-10

Process Description:

THIS PROCESS CONSISTS OF SECONDARY
CRUSHING AND THE DISCHARGE OF THE SECONDARY
CRUSHER ONTO BELT A7. THE SOURCE FOR THIS
PROCESS IS "SCRSH"

Emission Source/Control: SCRSH - Process

Item 67.3:

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

Emission Unit: U-000L5

Process: C03

Source Classification Code: 3-99-999-94

Process Description: PRODUCT PACKAGING.

Emission Source/Control: 001L2 - Process

Emission Source/Control: 001L4 - Process

Emission Source/Control: 002L2 - Process

Emission Source/Control: 002L4 - Process

Emission Source/Control: SPHOP - Process

Item 67.4:

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

Emission Unit: U-000R8

Process: R16

Source Classification Code: 3-05-007-12

Process Description:

RAW MATERIAL FEEDERS/BELTS (3 TRANSFER

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POINTS): VIBRATING FEEDERS R4, 1R6 AND 2R6 TO BELT 1R8; BELT 1R8 AND VIBRATING FEEDER 1R7 TO BELT 2R8; BELT 2R8 AND VIBRATING FEEDER 2R7 TO BELT R10.

Emission Source/Control: 000R4 - Process

Emission Source/Control: 001R6 - Process

Emission Source/Control: 001R7 - Process

Emission Source/Control: 001R8 - Process

Emission Source/Control: 002R6 - Process

Emission Source/Control: 002R7 - Process

Emission Source/Control: 002R8 - Process

Item 67.5:

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

Emission Unit: U-000W7

Process: B01

Source Classification Code: 3-05-104-03

Process Description: COAL/SOLID FUEL RAILCAR UNLOADING AT HOPPER.

Emission Source/Control: RCUST - Process

Item 67.6:

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

Emission Unit: U-000W7

Process: B02

Source Classification Code: 3-05-104-03

Process Description: COAL/SOLID FUEL HOPPER DISCHARGE ONTO BELT W7.

Emission Source/Control: CHOPP - Process

Item 67.7:

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

Emission Unit: U-000W7

Process: B03

Source Classification Code: 3-05-104-03

Process Description:

COAL/SOLID FUEL DISCHARGE FROM BELT W7 TO BELT 1W10.

Emission Source/Control: 000W7 - Process

New York State Department of Environmental Conservation

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Item 67.8:

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

Emission Unit: U-00A11

Process: R04

Source Classification Code: 3-05-020-06

Process Description:

SCREEN A8 DISCHARGE TO MASONRY/SPECIALTY
STONE STORAGE BIN.

Emission Source/Control: 000A8 - Process

Emission Source/Control: 00A10 - Process

Item 67.9:

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

Emission Unit: U-00A11

Process: R07

Source Classification Code: 3-05-007-12

Process Description: DISCHARGE FROM RECLAIM HOPPER ONTO BELT 1W10.

Emission Source/Control: RHOP1 - Process

Item 67.10:

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

Emission Unit: U-00A11

Process: R08

Source Classification Code: 3-05-007-12

Process Description:

DISCHARGE FROM MASONRY/SPECIALTY STONE
STORAGE BIN ONTO BELT A11.

Emission Source/Control: MST01 - Process

Item 67.11:

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

Emission Unit: U-00A11

Process: R10

Source Classification Code: 3-05-007-12

Process Description: DISCHARGE FROM BELT A11 ONTO BELT 1W10.

Emission Source/Control: 00A11 - Process

Item 67.12:

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

Emission Unit: U-00A11

Process: R11

Source Classification Code: 3-05-007-12

Process Description:



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DISCHARGE FROM MASONRY/SPECIALTY STONE
STORAGE BIN INTO HAUL TRUCKS.

Emission Source/Control: MST01 - Process

Item 67.13:

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

Emission Unit: U-00A14

Process: R02

Source Classification Code: 3-05-007-12

Process Description: DISCHARGE OF BELT A4 TO WOBBLER FEEDER.

Emission Source/Control: 000A4 - Process

Item 67.14:

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

Emission Unit: U-00D13

Process: C01

Source Classification Code: 3-05-007-18

Process Description: PRODUCT TRANSFER INTO D STORAGE SILOS.

Emission Source/Control: 001D9 - Process

Emission Source/Control: 002D9 - Process

Emission Source/Control: 01D10 - Process

Emission Source/Control: 02D10 - Process

Item 67.15:

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

Emission Unit: U-00D26

Process: C02

Source Classification Code: 3-99-999-94

Process Description: PRODUCT WITHDRAWAL FROM D STORAGE SILOS.

Emission Source/Control: 00D18 - Process

Emission Source/Control: 00D21 - Process

Item 67.16:

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

Emission Unit: U-00D36

Process: C05

Source Classification Code: 3-05-007-18

Process Description: PRODUCT TRANSFER INTO C SILOS.

Emission Source/Control: 00015 - Process

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Item 67.17:

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

Emission Unit: U-00F40
Process: F02 Source Classification Code: 3-05-007-16
Process Description: FINISH MILL FEED ELEVATORS.

Emission Source/Control: 01F15 - Process

Emission Source/Control: 01F17 - Process

Emission Source/Control: 01F22 - Process

Emission Source/Control: 02F15 - Process

Emission Source/Control: 02F17 - Process

Emission Source/Control: 02F22 - Process

Item 67.18:

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

Emission Unit: U-00F40
Process: F03 Source Classification Code: 3-05-007-17
Process Description: FINISH MILLS.

Emission Source/Control: FINML - Process

Item 67.19:

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

Emission Unit: U-00F40
Process: F04 Source Classification Code: 3-05-007-29
Process Description: FINISH MILL AIR SEPARATORS.

Emission Source/Control: SEP01 - Process

Emission Source/Control: SEP02 - Process

Emission Source/Control: SEP03 - Process

Emission Source/Control: SEP04 - Process

Item 67.20:

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

Emission Unit: U-00F40



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Permit ID: 4-1926-00021/00040

Facility DEC ID: 4192600021

Process: F06

Source Classification Code: 3-05-007-16

Process Description:

HOPPER AND CONVEYOR USED FOR SUPPLYING
FINISH MILL SYSTEMS WITH ADDITIONAL
ADDITIVE MATERIALS

Emission Source/Control: SLHOP - Process

Item 67.23:

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

Emission Unit: U-00K18

Process: K1A

Source Classification Code: 3-90-002-89

Process Description: KILN WITH ELECTROSTATIC PRECIPITATOR BURNING COAL.

Emission Source/Control: 00K18 - Control

Control Type: ELECTROSTATIC PRECIPITATOR

Emission Source/Control: 0KILN - Process

Item 67.24:

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

Emission Unit: U-00K18

Process: K1B

Source Classification Code: 3-90-005-89

Process Description: KILN WITH ELECTROSTATIC PRECIPITATOR BURNING OIL.

Emission Source/Control: 00K18 - Control

Control Type: ELECTROSTATIC PRECIPITATOR

Emission Source/Control: 0KILN - Process

Item 67.25:

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

Emission Unit: U-00K18

Process: K1C

Source Classification Code: 3-99-999-94

Process Description:

KILN WITH ELECTROSTATIC BURNING TIRES. UP
TO 20% CHIPPED TIRES MAY BE USED AS A
SUBSTITUTE FUEL.

Emission Source/Control: 00K18 - Control

Control Type: ELECTROSTATIC PRECIPITATOR

Emission Source/Control: 0KILN - Process

Item 67.26:



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

Emission Unit: U-00K18

Process: K1D

Source Classification Code: 3-90-013-89

Process Description:

KILN WITH ELECTROSTATIC PRECIPITATOR
BURNING WASTE OIL GENERATED ON SITE. WASTE
OIL GENERATED ON SITE WILL BE INJECTED IN
THE FUEL END OF THE KILN. THE BURNING RATE
WILL NOT EXCEED 15 GAL/MIN. THE AMOUNT
BURNED WILL NOT EXCEED 5,000 GALLONS DURING
ANY 24-HOUR PERIOD.

Emission Source/Control: 00K18 - Control

Control Type: ELECTROSTATIC PRECIPITATOR

Emission Source/Control: 0KILN - Process

Item 67.27:

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

Emission Unit: U-00K18

Process: K1E

Source Classification Code: 3-90-013-89

Process Description:

KILN WITH ELECTROSTATIC PRECIPITATOR
BURNING WASTE OIL GENERATED OFF-SITE.

Emission Source/Control: 00K18 - Control

Control Type: ELECTROSTATIC PRECIPITATOR

Emission Source/Control: 0KILN - Process

Item 67.28:

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

Emission Unit: U-00K18

Process: K1F

Source Classification Code: 3-90-006-02

Process Description:

KILN WITH ELECTROSTATIC PRECIPITATOR
BURNING NATURAL GAS.

Emission Source/Control: 00K18 - Control

Control Type: ELECTROSTATIC PRECIPITATOR

Emission Source/Control: 0KILN - Process

Item 67.29:

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

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Emission Unit: U-00K18

Process: K1G

Source Classification Code: 3-99-999-94

Process Description:

KILN WITH ELECTROSTATIC PRECIPITATOR
BURNING OTHER NON-HAZARDOUS FUELS INCLUDING
BUT NOT LIMITED TO PAPER, WOOD, ETC. THE
FACILITY WILL NOTIFY THE NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
BEFORE BURNING THESE FUELS.

Emission Source/Control: 00K18 - Control

Control Type: ELECTROSTATIC PRECIPITATOR

Emission Source/Control: 0KILN - Process

Item 67.30:

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

Emission Unit: U-00K18

Process: K1H

Source Classification Code: 3-90-008-99

Process Description: KILN WITH ELECTROSTATIC PRECIPITATOR BURNING COKE.

Emission Source/Control: 00K18 - Control

Control Type: ELECTROSTATIC PRECIPITATOR

Emission Source/Control: 0KILN - Process

Item 67.31:

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

Emission Unit: U-00K20

Process: K04

Source Classification Code: 3-05-007-99

Process Description: PUG MILL.

Emission Source/Control: CKDB1 - Process

Item 67.32:

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

Emission Unit: U-00K20

Process: K5A

Source Classification Code: 3-05-104-99

Process Description: CKD DISCHARGE INTO TRUCK.

Emission Source/Control: 01K21 - Process

Emission Source/Control: CKDB1 - Process



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Facility DEC ID: 4192600021

Item 67.33:

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

Emission Unit: U-00K20

Process: K5B

Source Classification Code: 3-05-105-99

Process Description: CkD TRUCK LOADING THROUGH PUG MILL.

Emission Source/Control: 01K21 - Process

Item 67.34:

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

Emission Unit: U-00K20

Process: K5C

Source Classification Code: 3-05-999-99

Process Description: CKD SCOOP RECYCLING SYSTEM

Emission Source/Control: 02K19 - Process

Emission Source/Control: 04K19 - Process

Emission Source/Control: 05K19 - Process

Emission Source/Control: 011K20 - Process

Emission Source/Control: CKDB2 - Process

Item 67.35:

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

Emission Unit: U-00K27

Process: K12

Source Classification Code: 3-05-007-16

Process Description: PRODUCT STORAGE (7 SILOS AND 2 INTERSTICES).

Emission Source/Control: 01K25 - Process

Emission Source/Control: 02K25 - Process

Emission Source/Control: 03K25 - Process

Emission Source/Control: 04K25 - Process

Item 67.36:

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

Emission Unit: U-00R12

Process: B11

Source Classification Code: 3-05-101-03

Process Description:



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Facility DEC ID: 4192600021

DISCHARGE FROM COAL/COKE/SOLID FUEL
BLENDING HOPPER ONTO CONVEYOR.

Emission Source/Control: CCHOP - Process

Item 67.37:

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

Emission Unit: U-00R12

Process: B14

Source Classification Code: 3-05-101-98

Process Description:

COAL/SOLID FUEL FEEDERS/BELTS (4 TRANSFER
POINTS), GYPSUM/ADDITIVE FEEDERS/BELTS (4
TRANSFER BELTS) AND CLINKER RECLAIM.

Emission Source/Control: 000R9 - Process

Emission Source/Control: 004R6 - Process

Emission Source/Control: 00W19 - Process

Emission Source/Control: 00W22 - Process

Emission Source/Control: 01W18 - Process

Emission Source/Control: 01W21 - Process

Emission Source/Control: 02W18 - Process

Emission Source/Control: 02W21 - Process

Item 67.38:

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

Emission Unit: U-00R12

Process: B15

Source Classification Code: 3-05-101-98

Process Description:

BULK MATERIAL ELEVATOR - COAL/SOLID FUEL,
GYPSUM/ADDITIVE FEEDERS/BELTS (4 TRANSFER
POINTS) AND BULK MATERIAL ELEVATOR -
MASONRY/SPECIALTY STONE.

Emission Source/Control: 00W23 - Process

Emission Source/Control: 00W24 - Process

Item 67.39:

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

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Emission Unit: U-00T10

Process: C09

Source Classification Code: 3-05-007-18

Process Description: PRODUCT TRANSFER TO RIVER BUNKER SILOS.

Emission Source/Control: ALLEV - Process

Item 67.40:

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

Emission Unit: U-00W10

Process: R05

Source Classification Code: 3-05-007-12

Process Description: CONVEYOR TRANSFER BELT A7 TO BELT 1W10.

Emission Source/Control: 000A7 - Process

Emission Source/Control: 00A7A - Process

Emission Source/Control: CHUTE - Process

Item 67.41:

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

Emission Unit: U-00W11

Process: B05

Source Classification Code: 3-05-101-99

Process Description:

BULK MATERIAL TRANSFER TOWER WHICH
TRANSFERS COAL/SOLID FUEL FROM BELT 1W10 TO
BELT 1W13.

Emission Source/Control: 01W10 - Process

Item 67.42:

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

Emission Unit: U-00W11

Process: R13

Source Classification Code: 3-05-007-12

Process Description:

RAW MATERIAL TRANSFER TOWER CONTAINING
TRANSFER POINT OF BELT 1W10 TO BELT 1W13.

Emission Source/Control: 01W10 - Process

Item 67.43:

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

Emission Unit: U-00W14

Process: B06

Source Classification Code: 3-05-007-12



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Process Description:

BULK MATERIAL IS TRANSFERRED TO STORAGE
BINS VIA THE TRIPPER/TROWER.

Emission Source/Control: 00W14 - Process

Item 67.44:

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

Emission Unit: U-00W14

Process: R14

Source Classification Code: 3-05-007-12

Process Description:

RAW MATERIALS ARE TRANSFERRED FROM BELT
1W13 TO STORAGE BINS VIA THE ar TRIPPER/TROWER.

Emission Source/Control: 00W14 - Process

Item 67.45:

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

Emission Unit: U-00W31

Process: B17

Source Classification Code: 3-99-999-94

Process Description:

TRANSFER OF GYPSUM/ADDITIVE FROM ELEVATOR
TO DRAG CONVEYOR 1W28. TRANSFER OF
GYPSUM/ADDITIVE FROM DRAG CONVEYOR 1W28 TO
DRAG CONVEYOR 1W29. TRANSFER OF
GYPSUM/ADDITIVE FROM DRAG CONVEYOR 1W29 TO
GYPSUM/ADDITIVE BINS.

Emission Source/Control: 00W25 - Process

Emission Source/Control: 01W28 - Process

Emission Source/Control: 01W29 - Process

Item 67.46:

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

Emission Unit: U-00W31

Process: B18

Source Classification Code: 3-99-999-94

Process Description:

TRANSFER OF MASONRY/SPECIALTY STONE FROM
ELEVATOR TO DRAG CONVEYOR 1W28. TRANSFER
OF MASONRY/SPECIALTY STONE FROM DRAG
CONVEYOR 1W28 TO DRAG CONVEYOR 1W29.
TRANSFER OF MASONRY/SPECIALTY STONE FROM



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DRAG CONVEYOR 1W29 TO MASONRY/SPECIALTY
STONE BINS.

Emission Source/Control: 00W25 - Process

Emission Source/Control: 01W28 - Process

Emission Source/Control: 01W29 - Process

Item 67.47:

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

Emission Unit: U-00W33

Process: B19

Source Classification Code: 3-99-999-94

Process Description: CKD STORAGE BIN.

Emission Source/Control: CKDBN - Process

Item 67.48:

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

Emission Unit: U-00W46

Process: B21

Source Classification Code: 3-99-999-94

Process Description: FLY ASH/RAW MATERIALS STORAGE.

Emission Source/Control: RMBIN - Process

Item 67.49:

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

Emission Unit: U-06K50

Process: K10

Source Classification Code: 3-05-007-14

Process Description: CLINKER COOLER.

Emission Source/Control: CLKCL - Process

Item 67.50:

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

Emission Unit: U-06K50

Process: K11

Source Classification Code: 3-05-007-16

Process Description:

CLINKER CONVEYORS/ELEVATOR - 5 TRANSFER
POINTS: CLINKER COOLER TO DRAG CONVEYORS
9/10 K3; DRAGS 9/10 K3 TO DRAG K22; DRAG
K22 TO ELEVATOR 1K23; ELEVATOR 1K23 TO
ELEVATOR 2K23; ELEVATOR 2K23 TO SCREWS
1/2/3/4K25.

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Emission Source/Control: 009K3 - Process

Emission Source/Control: 00K22 - Process

Emission Source/Control: 010K3 - Process

Emission Source/Control: 01K23 - Process

Emission Source/Control: 02K23 - Process

Emission Source/Control: CLKCL - Process

Item 67.51:

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

Emission Unit: U-06K50

Process: K13

Source Classification Code: 3-05-007-16

Process Description:

AUXILIARY CLINKER HANDLING/STORAGE (3
TRANSFER POINTS) ; DRAG K22 TO DRAG K28;
DRAG K28 TO DRAG ELEVATOR K29; ELEVATOR K29
TO BELT K33.

Emission Source/Control: 009K3 - Process

Emission Source/Control: 00K22 - Process

Emission Source/Control: 00K28 - Process

Emission Source/Control: 00K29 - Process

Emission Source/Control: 010K3 - Process

Emission Source/Control: CLKCL - Process

Item 67.52:

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

Emission Unit: U-06K50

Process: K14

Source Classification Code: 3-05-007-16

Process Description: LOADING CLINKER TO TRUCKS/clinker kickout bin.

Emission Source/Control: 00CKB - Process

Emission Source/Control: 00K33 - Process

Item 67.53:



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

Emission Unit: U-CKDBN
Process: K02 Source Classification Code: 3-05-101-98
Process Description: CKD FEEDERS/SCREWS.

Emission Source/Control: 00K17 - Process

Emission Source/Control: 01K19 - Process

Emission Source/Control: 01K20 - Process

Item 67.54:

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

Emission Unit: U-CKDBN
Process: K03 Source Classification Code: 3-05-105-98
Process Description: CKD ELEVATOR LOADING TO BIN.

Emission Source/Control: 02K20 - Process

Item 67.55:

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

Emission Unit: U-COLML
Process: K09 Source Classification Code: 3-05-999-99
Process Description: COAL/SOLID FUEL MILL.

Emission Source/Control: 000C3 - Process

Emission Source/Control: SFBIN - Process

Emission Source/Control: SFMIL - Process

Item 67.56:

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

Emission Unit: U-FLASH
Process: FA1 Source Classification Code: 3-05-102-99
Process Description:
CKD /FLY ASH/RAW MATERIALS/PRODUCTS SILOS
LOADING AND UNLOADING.

Emission Source/Control: RM001 - Process

Emission Source/Control: RM002 - Process

Emission Source/Control: RM003 - Process

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Item 67.57:

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

Emission Unit: U-FLASH
Process: FA2 Source Classification Code: 3-05-102-02
Process Description: CKD SILO LOADING AND UNLOADING

Emission Source/Control: CKD32 - Control
Control Type: FABRIC FILTER

Emission Source/Control: CK32D - Process

Item 67.58:

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

Emission Unit: U-PILE1
Process: B08 Source Classification Code: 3-05-103-03
Process Description:
FUGITIVE EMISSIONS FROM COAL/SOLID FUEL
STORAGE PILE.

Emission Source/Control: COAL1 - Process

Item 67.59:

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

Emission Unit: U-PILE1
Process: B10 Source Classification Code: 3-05-103-98
Process Description:
FUGITIVE EMISSIONS FROM GYPSUM/ADDITIVE
STORAGE PILE.

Emission Source/Control: GYPS1 - Process

Item 67.60:

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

Emission Unit: U-PILE1
Process: R06 Source Classification Code: 3-05-103-05
Process Description: FUGITIVE EMISSIONS FROM LIMESTONE STORAGE PILES.

Emission Source/Control: LIME1 - Process

Item 67.61:

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

Emission Unit: U-PILE1



New York State Department of Environmental Conservation

Permit ID: 4-1926-00021/00040

Facility DEC ID: 4192600021

Process: R15

Source Classification Code: 3-05-007-08

Process Description: FUGITIVE EMISSIONS FROM RAW MATERIAL STORAGE PILE.

Emission Source/Control: RAWM1 - Process

Item 67.62:

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

Emission Unit: U-PILE2

Process: B12

Source Classification Code: 3-05-103-03

Process Description:

FUGITIVE EMISSIONS FROM COAL/SOLID FUEL
STORAGE PILE.

Emission Source/Control: COAL2 - Process

Item 67.63:

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

Emission Unit: U-PILE2

Process: B13

Source Classification Code: 3-05-103-98

Process Description:

FUGITIVE EMISSIONS FROM GYPSUM/ADDITIVE
STORAGE PILE.

Emission Source/Control: GYPS2 - Process

Item 67.64:

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

Emission Unit: U-PILE3

Process: K08

Source Classification Code: 3-05-103-98

Process Description: FUGITIVE EMISSIONS FROM CKD LANDFILL.

Emission Source/Control: CKD01 - Process

Item 67.65:

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

Emission Unit: U-QUARR

Process: Q03

Source Classification Code: 3-05-020-11

Process Description: QUARRY: LOADING HAUL TRUCKS.

Emission Source/Control: 00Q03 - Process

Item 67.66:

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



New York State Department of Environmental Conservation

Permit ID: 4-1926-00021/00040

Facility DEC ID: 4192600021

Emission Unit: U-QUARR
Process: Q05 Source Classification Code: 3-05-007-07
Process Description: RAW MATERIAL UNLOADING.

Emission Source/Control: 00Q03 - Process

Item 67.67:

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

Emission Unit: U-RAWML
Process: G01 Source Classification Code: 3-05-007-12
Process Description: RAW MATERIAL BELT DISCHARGE TO ELEVATOR.

Emission Source/Control: 00R10 - Process

Item 67.68:

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

Emission Unit: U-RAWML
Process: G02 Source Classification Code: 3-05-007-12
Process Description: FLY ASH/RAW MATERIAL FEEDER/DISCHARGE.

Emission Source/Control: 000R5 - Process

Emission Source/Control: FA001 - Process

Item 67.69:

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

Emission Unit: U-RAWML
Process: G03 Source Classification Code: 3-05-007-12
Process Description: RAW MATERIAL ELEVATOR DISCHARGE.

Emission Source/Control: 00R11 - Process

Item 67.70:

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

Emission Unit: U-RAWML
Process: G04 Source Classification Code: 3-05-006-13
Process Description: RAW MILL.

Emission Source/Control: RAWML - Process

Item 67.71:

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

Emission Unit: U-ROADS

New York State Department of Environmental Conservation

Permit ID: 4-1926-00021/00040

Facility DEC ID: 4192600021



Item 67.76:

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

Emission Unit: U-ROADS

Process: K06

Source Classification Code: 3-05-020-11

Process Description: HAUL ROAD: CKD TO LANDFILL.

Emission Source/Control: ROAD7 - Process

Emission Source/Control: ROD11 - Process

Item 67.77:

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

Emission Unit: U-ROADS

Process: K15

Source Classification Code: 3-05-020-11

Process Description: HAUL ROAD: PRODUCT FROM BINS TO PLANT ENTRANCE.

Emission Source/Control: ROAD8 - Process

Item 67.78:

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

Emission Unit: U-ROADS

Process: Q04

Source Classification Code: 3-05-020-11

Process Description: HAUL ROADS FROM QUARRY TO PRIMARY CRUSHER.

Emission Source/Control: ROAD1 - Process

Item 67.79:

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

Emission Unit: U-ROADS

Process: R12

Source Classification Code: 3-05-020-11

Process Description: HAUL ROADS - MASONRY/SPECIALTY STONE.

Emission Source/Control: ROAD2 - Process

Condition 68: Emissions from Existing Sources

Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 212.3(a)

Item 68.1:

This Condition applies to Emission Unit: U-000D8



New York State Department of Environmental Conservation

Permit ID: 4-1926-00021/00040

Facility DEC ID: 4192600021

Item 68.2: No person will cause or allow emissions that violate the requirement specified in Table 2, Table 3, or Table 4 of 6NYCRR Part 212 for the environmental rating issued by the commissioner.

Condition 69: Emissions from Existing Sources
Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 212.3(a)

Item 69.1:

This Condition applies to Emission Unit: U-000L5

Item 69.2: No person will cause or allow emissions that violate the requirement specified in Table 2, Table 3, or Table 4 of 6NYCRR Part 212 for the environmental rating issued by the commissioner.

Condition 70: Emissions from new emission sources and/or modifications
Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 212.4(a)

Item 70.1:

This Condition applies to Emission Unit: U-00A14

Item 70.2:

No person shall cause or allow emissions that exceed the applicable permissible emission rate as determined from Table 2, Table 3, or Table 4 of 6 NYCRR Part 212 for the environmental rating issued by the commissioner.

Condition 71: Emissions from Existing Sources
Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 212.3(a)

Item 71.1:

This Condition applies to Emission Unit: U-00D13

Item 71.2: No person will cause or allow emissions that violate the requirement specified in Table 2, Table 3, or Table 4 of 6NYCRR Part 212 for the environmental rating issued by the commissioner.

Condition 72: Emissions from Existing Sources
Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 212.3(a)

Item 72.1:



New York State Department of Environmental Conservation

Permit ID: 4-1926-00021/00040

Facility DEC ID: 4192600021

This Condition applies to Emission Unit: U-00D26

Item 72.2: No person will cause or allow emissions that violate the requirement specified in Table 2, Table 3, or Table 4 of 6NYCRR Part 212 for the environmental rating issued by the commissioner.

Condition 73: Emissions from Existing Sources
Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 212.3(a)

Item 73.1:

This Condition applies to Emission Unit: U-00D36

Item 73.2: No person will cause or allow emissions that violate the requirement specified in Table 2, Table 3, or Table 4 of 6NYCRR Part 212 for the environmental rating issued by the commissioner.

Condition 74: Emissions from new emission sources and/or modifications
Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 212.4(a)

Item 74.1:

This Condition applies to Emission Unit: U-00F40

Item 74.2:

No person shall cause or allow emissions that exceed the applicable permissible emission rate as determined from Table 2, Table 3, or Table 4 of 6 NYCRR Part 212 for the environmental rating issued by the commissioner.

Condition 75: Compliance Certification
Effective between the dates of 06/10/2002 and 01/03/2007

Applicable Federal Requirement: 40CFR 63.1347, Subpart LLL

Item 75.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00F40

Process: F04

Emission Source: SEP01

Item 75.2:

Compliance Certification shall include the following monitoring:

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



New York State Department of Environmental Conservation

Permit ID: 4-1926-00021/00040

Facility DEC ID: 4192600021

Monitoring Description:

The owner or operator of each new or existing raw mill or finish mill at a facility which is a major source subject to the provisions of this subpart shall not cause to be discharged from the mill sweep or air separator air pollution control devices of these affected sources any gases which exhibit opacity in excess of 10 percent.

Parameter Monitored: OPACITY

Upper Permit Limit: 10 percent

Monitoring Frequency: DAILY

Averaging Method: 6-MINUTE AVERAGE (METHOD 22)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/02.

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

Condition 76: Compliance Certification

Effective between the dates of 06/10/2002 and 01/03/2007

Applicable Federal Requirement: 40CFR 63.1347, Subpart LLL

Item 76.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00F40

Process: F04

Emission Source: SEP02

Item 76.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The owner or operator of each new or existing raw mill or finish mill at a facility which is a major source subject to the provisions of this subpart shall not cause to be discharged from the mill sweep or air separator air pollution control devices of these affected sources any gases which exhibit opacity in excess of 10 percent.

Parameter Monitored: OPACITY

Upper Permit Limit: 10 percent

Monitoring Frequency: DAILY

Averaging Method: 6-MINUTE AVERAGE (METHOD 22)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/02.

New York State Department of Environmental Conservation

Permit ID: 4-1926-00021/00040

Facility DEC ID: 4192600021



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

Condition 77: Compliance Certification
Effective between the dates of 06/10/2002 and 01/03/2007

Applicable Federal Requirement: 40CFR 63.1347, Subpart LLL

Item 77.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00F40

Process: F04

Emission Source: SEP03

Item 77.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The owner or operator of each new or existing raw mill or finish mill at a facility which is a major source subject to the provisions of this subpart shall not cause to be discharged from the mill sweep or air separator air pollution control devices of these affected sources any gases which exhibit opacity in excess of 10 percent.

Parameter Monitored: OPACITY

Upper Permit Limit: 10 percent

Monitoring Frequency: DAILY

Averaging Method: 6-MINUTE AVERAGE (METHOD 22)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/02.

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

Condition 78: Compliance Certification
Effective between the dates of 06/10/2002 and 01/03/2007

Applicable Federal Requirement: 40CFR 63.1347, Subpart LLL

Item 78.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00F40

Process: F04

Emission Source: SEP04

Item 78.2:

Compliance Certification shall include the following monitoring:



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Permit ID: 4-1926-00021/00040

Facility DEC ID: 4192600021

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

Monitoring Description:

The owner or operator of each new or existing raw mill or finish mill at a facility which is a major source subject to the provisions of this subpart shall not cause to be discharged from the mill sweep or air separator air pollution control devices of these affected sources any gases which exhibit opacity in excess of 10 percent.

Parameter Monitored: OPACITY

Upper Permit Limit: 10 percent

Monitoring Frequency: DAILY

Averaging Method: 6-MINUTE AVERAGE (METHOD 22)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/02.

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

Condition 79: Compliance Certification

Effective between the dates of 06/10/2002 and 01/03/2007

Applicable Federal Requirement: 40CFR 63.1347, Subpart LLL

Item 79.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00F40 Emission Point: 00F38
Process: F03 Emission Source: FINML

Item 79.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The owner or operator of each new or existing raw mill or finish mill at a facility which is a major source subject to the provisions of this subpart shall not cause to be discharged from the mill sweep or air separator air pollution control devices of these affected sources any gases which exhibit opacity in excess of 10 percent.

Parameter Monitored: OPACITY

Upper Permit Limit: 10 percent

Monitoring Frequency: DAILY

Averaging Method: 6-MINUTE AVERAGE (METHOD 22)



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Facility DEC ID: 4192600021

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/02.

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

Condition 80: Compliance Certification

Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 212.3(a)

Item 80.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00K18

Item 80.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Tire derived fuel:

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1. The limit on the number of tires that can be burned in the kiln shall be determined by the maximum number of tires burned during a Department approved stack test which resulted in showing compliance with the air regulations of New York State and the Federal Government, including demonstrating compliance with 40 CFR Part 63 Subpart LLL.

Any request by permittee to increase the number of tires burned per day or maximum stated substitution rate must be subject to the applicable laws, rules and regulations for an air pollution control Title V permit modification request.

2) Effective the day that tire burning is initiated at this facility, the owner or operator of this facility shall maintain records on the number of tires burned, the substitution percentage and the number of tires stored on site. Records must be made available to NYSDEC staff upon request. As of the effective date, the owner or operator shall submit a Monthly Report to the Region 4, Regional Air Pollution Control Engineer (RAPCE) by the 15th of each subsequent month which details on a daily basis the number of tires burned, the substitution rate and the number of tires stored during the preceding month.

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3) All 'whole' tires that are burned shall be "clean and dry". "Clean" means free of dirt, debris and foreign material. "Dry" means that the tires will have no free standing water. The owner or operator shall ensure these standards are complied with by inspecting the tires as they are loaded onto the conveyor leading to the kiln. Clean chipped tires may also be burned. All tires stored on the premises shall be dry and free of standing water.

4) The owner or operator shall submit detailed stack test and cement kiln dust (CKD) testing (for metals and toxics) protocols (including schedules for activities and report submittal) to the Department for review and approval at least 30 days prior to the proposed testing date. Two separate tests are required if both 'whole' and 'chipped' tires are to be burned. No whole or chipped tire burning is permitted until the Department approves the stack testing protocols. The permittee must submit two copies of the testing results of both protocols to the Region 4 Regional Air Pollution Control Engineer for approval.. Stack testing shall be completed within 90 days of the initiating of burning tires. The stack test report will be due no later than 30 days following test completion. The facility shall submit the CKD testing results according to the schedule in the approved protocol.

5) The owner or operator shall conduct the stack test of the kiln using methods outlined in the Code of Federal Regulations (CFR), Title 40, Part 60 Appendix A for nitrogen oxides, sulfur dioxide, carbon monoxide, total particulates, volatile organic compounds, and stack parameters such as flow rate and moisture content. All metals listed on permittee's current certificate to operate (arsenic, barium, beryllium, cadmium, Chromium (III), Chromium (V), lead, mercury nickel, selenium, copper) plus zinc, and 40 CFR Part 63 Subpart LLL contaminants shall be tested for in accordance with methods outlined by the permittee in the detailed stack test protocol and approved by the Department .

6) Tire burning will cease immediately if the stack test results indicate non compliance with air regulations.

7) The owner or operator of this facility shall obtain and maintain a beneficial use determination from this

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Department prior to burning any tires.

8) The burning of tires and stack testing of the burning of tires in the kiln shall meet each and every applicable emission limit, testing requirement, monitoring requirement and notification requirement of 40 CFR Part 63 Sub part LLL.

Reference Test Method: EPA

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/02.

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

Condition 81: Compliance Certification
Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 220.4(a)

Item 81.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00K18

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 81.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

FACILITY HAS A CONTINUOUS OPACITY MONITOR ON THE KILN ESP EXIT STACK.

No person will cause or allow emissions to the outdoor atmosphere of any material that has an average six-minute opacity of 20 percent or greater, except uncombined water, from a portland cement kiln.

Manufacturer Name/Model Number: USI

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: METHOD 9

Monitoring Frequency: CONTINUOUS

Averaging Method: 6 MINUTE AVERAGE



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Facility DEC ID: 4192600021

Reporting Requirements: QUARTERLY (ANNIVERSARY)

Initial Report Due: 05/02/2002 for the period 01/03/2002 through 04/02/2002

Condition 82: Fuel sulfur content
Effective between the dates of 01/03/2002 and 01/03/2007

0 Applicable Federal Requirement: 6NYCRR 220.6(a)

Item 82.1:

This Condition applies to Emission Unit: U-00K18

Item 82.2:

Fuel used in the kiln may exceed the sulfur content limitations of Subpart 225-1 if the burning of such fuel will not result in emissions of sulfur dioxide at a rate greater than would result through the use of fuels otherwise mandated by Subpart 225-1 without sulfur dioxide emissions control.

Condition 83: Compliance Certification
Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 220.6(a)

Item 83.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00K18

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 83.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

INITIAL STACK TEST IN 1994 SHOWED EMISSIONS UNDER ALLOWABLE LIMIT. FACILITY WILL KEEP RECORDS OF STACK TEST AND AN EXAMPLE CALCULATION. FACILITY WILL KEEP RECORDS ON SITE OF MONTHLY COAL/SOLID FUEL ANALYSIS.

Regulation 6NYCRR Part 225-1.2(a) requires a sulfur fuel limit of 1.9 pounds per million BTUs, based on a three month period and 1.7 pounds per million BTUs based on a 12 month period for solid fuel burned. The maximum sulfur in fuel limit shall not exceed 2.5 pounds per million BTUs at anytime.. Regulation 6NYCRR Part 225-1.5(b) grants the ability to use an equivalent emission rate through a

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variance. This emission source shall meet these requirements through the sulfur fuel exception consent order.

Per the consent order, dated January 9, 1991, granting exception to the requirements of 6NYCRR Part 225-1.2, the kiln shall be limited to burning solid fuel with a maximum sulfur content of 3.8 pounds per million BTUs. This facility has demonstrated that due to the retention of sulfur in the clinker manufacturing process, the burning fuel in the kiln with a sulfur content of 3.8 pounds per million BTUs produces SO₂ emissions that are equivalent to the emissions resulting from the burning of fuel containing 1.7 pounds of sulfur per million BTUs without the benefit of the sulfur retention in the process.

Stack testing shall be conducted for sulfur emissions from the kiln once during the duration of this permit.

This facility shall submit a report to the Department on or before the 15th day of each month which shall show the following:

1. The pounds of sulfur per million BTUs contained in the coal/ SOLID FUEL burned by this facility during the month preceeding such report.
2. The monthly average weighted percent of sulfur in the product produced in the process during the month preceeding such report.
3. The monthly average weighted percent of sulfur in the cement kiln dust produced in the process during the month preceeding such report.

This facility shall submit an annual report to the Department on or before the 15th day of each January which shall show the following:

1. The sulfur content, as weighted percent, of the materials processed through the process, including dust, fuel burned, dust returned to the process and raw materials fed to the process.
2. The sulfur content, as average weighted percent of the product produced in the process.



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3. The sulfur dioxide content of the exhaust gases leaving the process as pounds per hour and as substantiated by a stack test conducted in a manner acceptable to the Department during the duration of this permit.

4. The number of hours that the kiln operated during the preceeding year.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: OTHER SOLID FUELS

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 3.8 pounds per million Btus

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

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

Reporting Requirements: MONTHLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 2/27/02.

Subsequent reports are due every 1 calendar month(s).

Condition 84: Compliance Certification

Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 40CFR 63.1343(b)(1), Subpart LLL

Item 84.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00K18

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 84.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No owner or operator of an existing, reconstructed or new brownfield kiln at a facility that is a major source

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subject to the provisions of Subpart LLL shall cause to be discharged into the atmosphere any gases which contain particulate matter in excess of 0.30 lb per ton of feed (dry basis)(0.15 kg per MG) to the kiln. Emissions testing is required initially and every 5 years

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thereafter.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.30 pounds per ton

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING

DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 85: Compliance Certification

Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 40CFR 63.1349(b)(3), Subpart LLL

Item 85.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00K18

Item 85.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an affected source subject to limitations on D/F emissions shall demonstrate initial compliance with the D/F emission limit by conducting a performance test using Method 23 of appendix A of 40 CFR 60. Performance tests conducted shall also meet the requirements of 40CFR 63.1349(b)(3)(i through and including iv)

Reference Test Method: EPA Method 23

Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/02.

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

Condition 86: Compliance Certification

Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 40CFR 63.1350(f), Subpart LLL



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Permit ID: 4-1926-00021/00040

Facility DEC ID: 4192600021

Item 86.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00K18

Item 86.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an affected source subject to a limitation on D/F emissions shall monitor D/F emissions by recording the temperature of the exhaust gases from the kiln at the inlet to or upstream from the kiln PM control devices. This requirement shall be met in accordance with paragraphs (f)(1), including (i) and (ii), through (f)(6) of 40 CFR 63 Subpart LLL, section 1350.

Reference Test Method: EPA

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/02.

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

Condition 87: Compliance Certification

Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 225-2.4

Item 87.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00K18

Process: K1E

Emission Source: 00K18

Item 87.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

FACILITY WILL SAMPLE A REPRESENTATIVE SAMPLE OF WASTE OIL FOR POLYCHLORINATED BIPHENYLS.

This facility may burn 'waste fuel A' only.



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Facility DEC ID: 4192600021

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: OTHER LIQUID FUELS

Parameter Monitored: POLYCHLORINATED BIPHENYL

Upper Permit Limit: 50 parts per million by weight

Reference Test Method: EPA 8080 OR OTHER

Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 88: Compliance Certification

Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 225-2.4

Item 88.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00K18

Process: K1E Emission Source: 00K18

Regulated Contaminant(s):

CAS No: 007439-92-1 LEAD

Item 88.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

FACILITY WILL SAMPLE A REPRESENTATIVE
SAMPLE OF WASTE OIL FOR LEAD.

TYPE 'A' ON SITE GENERATED WASTE OIL
MAY BE BURNED IN THE KILN. NO WASTE OIL
FROM OFFSITE OR NOT OF TYPE 'A' MAY BE
BURNED.

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A REPRESENTATIVE SAMPLE OF WASTE OIL
SHALL BE TAKEN AND ANALYZED
MONTHLY..

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: OTHER LIQUID FUELS

Manufacturer Name/Model Number: na



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Parameter Monitored: LEAD
Upper Permit Limit: 250 parts per million by weight
Reference Test Method: EPA 6010 OR OTHER
Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY
TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 89: Compliance Certification
Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 225-2.4

Item 89.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00K18
Process: K1E Emission Source: 00K18

Item 89.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

FACILITY WILL SAMPLE A REPRESENTATIVE
SAMPLE OF WASTE OIL FOR TOTAL HALOGENS
UPON REQUEST.

TYPE 'A' ON SITE GENERATED WASTE OIL
MAY BE BURNED IN THE KILN. NO WASTE OIL
FROM OFFSITE OR NOT OF TYPE 'A' MAY BE
BURNED.

A REPRESENTATIVE SAMPLE OF WASTE OIL
SHALL BE TAKEN AND ANALYZED
MONTHLY..

Work Practice Type: PROCESS MATERIAL THRUPUT
Process Material: OTHER LIQUID FUELS
Manufacturer Name/Model Number: na
Upper Permit Limit: 1000 parts per million by weight
Reference Test Method: EPA 9075 OR OTHER
Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY
TIME (INSTANTANEOUS/DISCRETE OR GRAB)



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Facility DEC ID: 4192600021

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 90: Compliance Certification
Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 225-2.4

Item 90.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00K18

Process: K1E

Emission Source: 00K18

Item 90.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

FACILITY WILL SAMPLE A REPRESENTATIVE
SAMPLE OF WASTE OIL FOR GROSS HEAT
CONTENT.

TYPE 'A' ON SITE GENERATED WASTE OIL
MAY BE BURNED IN THE KILN. NO WASTE OIL
FROM OFFSITE OR NOT OF TYPE 'A' MAY BE
BURNED.

A REPRESENTATIVE SAMPLE OF WASTE OIL
SHALL BE TAKEN AND ANALYZED
MONTHLY..

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: OTHER LIQUID FUELS

Manufacturer Name/Model Number: na

Lower Permit Limit: 125000 British thermal units per
gallon

Reference Test Method: ASTM D240 OR OTHER

Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 91: Compliance Certification
Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 225-2.4

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Facility DEC ID: 4192600021



Item 91.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00K18

Process: K1E

Emission Source: 00K18

Item 91.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

REQUIRED DETERMINATION OF COMBUSTION EFFICIENCY.

THE COMBUSTION EFFICIENCY AS DEFINED IN 6NYCRR PART 225-2.2(1) SHALL BE CONTINUOUSLY MONITORED FROM THE CEM DATA WHILE WASTE OIL IS BEING BURNED IN THE KILN. TYPE 'A' ON SITE GENERATED WASTE OIL MAY BE BURNED IN THE KILN. NO WASTE OIL FROM OFFSITE OR NOT OF TYPE 'A' MAY BE BURNED.

A REPRESENTATIVE SAMPLE OF WASTE OIL SHALL BE TAKEN AND ANALYZED MONTHLY..

Manufacturer Name/Model Number: na

Parameter Monitored: COMBUSTION EFFICIENCY

Lower Permit Limit: 99.0 percent

Reference Test Method: EPA

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

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 7/30/02.

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

Condition 92: Compliance Certification

Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 225-2.7

Item 92.1:

The Compliance Certification activity will be performed for:

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Emission Unit: U-00K18

Process: K1E

Emission Source: 00K18

Item 92.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

This facility shall not receive any waste oil from off site. The facility shall only use 'on site generated' waste oil which meets the definitions of 'waste fuel A' only.

When burning waste fuel, the waste fuel shall be injected into the rotary kiln at the hot or fuel end of the kiln. Injection to the kiln shall be made with a separate fuel line at the burn zone. The burning rate for the waste fuel shall not exceed 15 gallons per minute. Used oil shall not be mixed with any hazardous waste or burned during preheat conditions. Applicable sulfur limitations shall be adhered to at all times. The burning of waste fuel shall not exceed 5000 gallons during any 24 hour period.

SLC Catskill facility shall maintain a record log which shall be used to track the quantity of waste oil burned per hour and per day and the rate of waste oil burned per minute shall be recorded each hour..

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/02.

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

Condition 93: Compliance Certification

Effective between the dates of 01/03/2002 and 06/10/2002

Applicable Federal Requirement: 6NYCRR 220.2(b)

Item 93.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00K18 Emission Point: 00K18

Item 93.2:

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Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Particulate matter emissions standard for existing
portland cement plant clinker coolers and kilns.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: Method 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 94: Compliance Certification
Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 220.8(a)

Item 94.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00K18 Emission Point: 00K18

Item 94.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Records of daily production rates, kiln feed rates, and
particulate emission measurements must be retained for
five years. Production and feed rates must be summarized
monthly.

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/02.

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

Condition 95: Opacity monitor
Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 220.8(b)

Item 95.1:

This Condition applies to Emission Unit: U-00K18 Emission Point: 00K18

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Item 95.2:

A continuous opacity monitor and data recorder must be installed, calibrated, operated, and maintained. Opacity records must be retained for five years.

Condition 96: Compliance Certification

Effective between the dates of 06/10/2002 and 01/03/2007

Applicable Federal Requirement: 40CFR 63.1343(b)(2), Subpart LLL

Item 96.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00K18 Emission Point: 00K18

Item 96.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No owner or operator of an existing, reconstructed or new brownfield kiln at a facility that is a major source subject to the provisions of Subpart LLL shall cause to be discharged into the atmosphere any gases which exhibit opacity greater than 20 percent.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/02.

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

**Condition 97: Existing, reconstructed or new brownfield/major sources -
D/F**

Effective between the dates of 06/10/2002 and 01/03/2007

Applicable Federal Requirement: 40CFR 63.1343(b)(3), Subpart LLL

Item 97.1:

This Condition applies to Emission Unit: U-00K18 Emission Point: 00K18

Item 97.2:

A major source subject to the provisions of Subpart LLL shall not cause to be discharged into the atmosphere any gases which contain D/F in excess of 8.7×10^{-11} grains per dry standard cubic foot



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(TEQ) corrected to 7% oxygen; or 1.7×10^{-10} grain per dry standard cubic foot (TEQ) corrected to 7% oxygen, when the average of the performance test run average temperatures at the inlet to the particulate matter control device is 204° C (400° F) or less.

Condition 98: Operating limits for kilns
Effective between the dates of 06/10/2002 and 01/03/2007

Applicable Federal Requirement: 40CFR 63.1344(a), Subpart LLL

Item 98.1:

This Condition applies to Emission Unit: U-00K18 Emission Point: 00K18

Item 98.2:

The owner or operator of a kiln subject to a D/F emission limitation under 40 CFR 63.1343 must operate the kiln such that the temperature of the gas at the inlet to the kiln particulate matter control device does not exceed the applicable temperature limit specified in 40 CFR 63.1344(b).

Condition 99: Operating limits for kilns
Effective between the dates of 06/10/2002 and 01/03/2007

Applicable Federal Requirement: 40CFR 63.1344(b), Subpart LLL

Item 99.1:

This Condition applies to Emission Unit: U-00K18 Emission Point: 00K18

Item 99.2:

The temperature limit for affected sources meeting the limits of 40 CFR 63.1344(a) is determined to be in accordance with 40 CFR 63.1349(b)(3)(iv).

Condition 100: Monitoring Requirements - Opacity
Effective between the dates of 06/10/2002 and 01/03/2007

Applicable Federal Requirement: 40CFR 63.1350(c)(1), Subpart LLL

Item 100.1:

This Condition applies to Emission Unit: U-00K18 Emission Point: 00K18

Item 100.2:

The owner or operator of a kiln shall monitor opacity at each point where emissions are vented from these affected sources. The owner or operator shall install, calibrate, maintain and continuously operate a continuous opacity monitor (COM) located at the outlet of the PM control device to continuously monitor the opacity. The COM shall be installed, maintained, calibrated and operated as required by Subpart A of 40 CFR 63 and according to PS-1 of Appendix B of 40 CFR 60.

Condition 101: Monitoring requirements - opacity
Effective between the dates of 06/10/2002 and 01/03/2007



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Applicable Federal Requirement: 40CFR 63.1350(c)(3), Subpart LLL

Item 101.1:

This Condition applies to Emission Unit: U-00K18 Emission Point: 00K18

Item 101.2:

To remain in compliance, the opacity must be maintained such that the 6-minute average opacity for any 6-minute block period does not exceed 20 percent. If the average opacity for any 6-minute block period exceeds 20 percent, this shall constitute a violation of the standard.

**Condition 102: Monitoring requirements - D/F emission limit: Kiln
Effective between the dates of 06/10/2002 and 01/03/2007**

Applicable Federal Requirement: 40CFR 63.1350(i), Subpart LLL

Item 102.1:

This Condition applies to Emission Unit: U-00K18 Emission Point: 00K18

Item 102.2:

The owner or operator of any kiln subject to a D/F emission limit under Subpart LLL shall conduct an inspection of the components of the combustion system of each kiln at least once per year.

**Condition 103: Emissions from Existing Sources
Effective between the dates of 01/03/2002 and 01/03/2007**

Applicable Federal Requirement: 6NYCRR 212.3(a)

Item 103.1:

This Condition applies to Emission Unit: U-00K20

Item 103.2: No person will cause or allow emissions that violate the requirement specified in Table 2, Table 3, or Table 4 of 6NYCRR Part 212 for the environmental rating issued by the commissioner.

**Condition 104: Emissions from Existing Sources
Effective between the dates of 01/03/2002 and 01/03/2007**

Applicable Federal Requirement: 6NYCRR 212.3(a)

Item 104.1:

This Condition applies to Emission Unit: U-00K27

Item 104.2: No person will cause or allow emissions that violate the requirement specified in Table 2, Table 3, or Table 4 of 6NYCRR Part 212 for the environmental rating issued by the commissioner.

Condition 105: Emissions from Existing Sources



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Permit ID: 4-1926-00021/00040

Facility DEC ID: 4192600021

Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 212.3(a)

Item 105.1:

This Condition applies to Emission Unit: U-00R12

Item 105.2: No person will cause or allow emissions that violate the requirement specified in Table 2, Table 3, or Table 4 of 6NYCRR Part 212 for the environmental rating issued by the commissioner.

Condition 106: Emissions from Existing Sources

Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 212.3(a)

Item 106.1:

This Condition applies to Emission Unit: U-00T10

Item 106.2: No person will cause or allow emissions that violate the requirement specified in Table 2, Table 3, or Table 4 of 6NYCRR Part 212 for the environmental rating issued by the commissioner.

Condition 107: Emissions from Existing Sources

Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 212.3(a)

Item 107.1:

This Condition applies to Emission Unit: U-00W31

Item 107.2: No person will cause or allow emissions that violate the requirement specified in Table 2, Table 3, or Table 4 of 6NYCRR Part 212 for the environmental rating issued by the commissioner.

Condition 108: Emissions from Existing Sources

Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 212.3(a)

Item 108.1:

This Condition applies to Emission Unit: U-00W33

Item 108.2: No person will cause or allow emissions that violate the requirement specified in Table 2, Table 3, or Table 4 of 6NYCRR Part 212 for the environmental rating issued by the commissioner.



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Condition 109: Emissions from Existing Sources
Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 212.3(a)

Item 109.1:

This Condition applies to Emission Unit: U-00W46

Item 109.2: No person will cause or allow emissions that violate the requirement specified in Table 2, Table 3, or Table 4 of 6NYCRR Part 212 for the environmental rating issued by the commissioner.

Condition 110: Emissions from Existing Sources
Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 212.3(a)

Item 110.1:

This Condition applies to Emission Unit: U-06K50

Item 110.2: No person will cause or allow emissions that violate the requirement specified in Table 2, Table 3, or Table 4 of 6NYCRR Part 212 for the environmental rating issued by the commissioner.

Condition 111: Compliance Certification
Effective between the dates of 01/03/2002 and 06/10/2002

Applicable Federal Requirement: 40CFR 60.62(b), NSPS Subpart F

Item 111.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-06K50

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 111.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

On or after the date on which the performance test required by 40 CFR Part 60.8 is completed, no owner or operator subject to the provisions of this subpart shall cause to be discharged into the atmosphere from any clinker cooler any gas which:



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(1) Contain particulate matter in excess of 0.10 pounds per ton of feed to the kiln(dry basis).

(2) Exhibit 10 percent opacity or greater.

This facility shall operate, calibrate and maintain a continuous opacity monitor on the exhaust from the clinker cooler.

This facility shall stack test the clinker cooler stack for particulates at least one time during the duration of the permit, meeting the requirements of 40 CFR Patr 60.8.

Manufacturer Name/Model Number: na

Parameter Monitored: OPACITY

Upper Permit Limit: 10 percent

Reference Test Method: method 9

Monitoring Frequency: CONTINUOUS

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/02.

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

Condition 112: Monitoring requirements - clinker cooler
Effective between the dates of 06/10/2002 and 01/03/2007

Applicable Federal Requirement: 40CFR 63.1350(d)(1), Subpart LLL

Item 112.1:

This Condition applies to Emission Unit: U-06K50 Emission Point: 06K50

Item 112.2:

The owner or operator of a clinker cooler shall monitor opacity at each point where emissions are vented from the clinker cooler. The owner or operator shall install, maintain, calibrate and continuously operate a COM located at the outlet of the clinker cooler PM control device to continuously monitor the opacity. The COM shall be installed, maintained, calibrated and operated as required by Subpart A of 40 CFR 63 and according to PS-1 of Appendix B of 40 CFR 60.

Condition 113: Monitoring Requirements - Clinker Cooler
Effective between the dates of 06/10/2002 and 01/03/2007

Applicable Federal Requirement: 40CFR 63.1350(d)(3), Subpart LLL

Item 113.1:

This Condition applies to Emission Unit: U-06K50 Emission Point: 06K50

Item 113.2:



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To remain in compliance, the opacity must be maintained such that the 6-minute average opacity for any 6-minute block period does not exceed 10 percent. If the average opacity for any 6-minute block period exceeds 10 percent, this shall constitute a violation of the standard.

Condition 114: Emissions from Existing Sources
Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 212.3(a)

Item 114.1:

This Condition applies to Emission Unit: U-FLASH

Item 114.2: No person will cause or allow emissions that violate the requirement specified in Table 2, Table 3, or Table 4 of 6NYCRR Part 212 for the environmental rating issued by the commissioner.

Condition 115: Dust
Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 220.5(a)

Item 115.1:

This Condition applies to Emission Unit: U-PILE3

Item 115.2:

The owner of any portland cement dust dump will operate such dust dump in a manner which will minimize the horizontal dimensions of the working face.

Condition 116: Emissions from Existing Sources
Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 212.3(a)

Item 116.1:

This Condition applies to Emission Unit: U-QUARR

Item 116.2: No person will cause or allow emissions that violate the requirement specified in Table 2, Table 3, or Table 4 of 6NYCRR Part 212 for the environmental rating issued by the commissioner.

Condition 117: Emissions from Existing Sources
Effective between the dates of 01/03/2002 and 01/03/2007

Applicable Federal Requirement: 6NYCRR 212.3(a)

Item 117.1:

This Condition applies to Emission Unit: U-RAWML



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Item 117.2: No person will cause or allow emissions that violate the requirement specified in Table 2, Table 3, or Table 4 of 6NYCRR Part 212 for the environmental rating issued by the commissioner.

Condition 118: Compliance Certification

Effective between the dates of 06/10/2002 and 01/03/2007

Applicable Federal Requirement: 40CFR 63.1347, Subpart LLL

Item 118.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-RAWML

Process: G04

Emission Source: RAWML

Item 118.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The owner or operator of each new or existing raw mill or finish mill at a facility which is a major source subject to the provisions of this subpart shall not cause to be discharged from the mill sweep or air separator air pollution control devices of these affected sources any gases which exhibit opacity in excess of 10 percent.

Parameter Monitored: OPACITY

Upper Permit Limit: 10 percent

Monitoring Frequency: DAILY

Averaging Method: 6-MINUTE AVERAGE (METHOD 22)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/02.

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

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STATE ONLY ENFORCEABLE CONDITIONS

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

Condition 119: General Provisions

Effective between the dates of 01/03/2002 and 01/03/2007

Applicable State Requirement: 6NYCRR 201-5.

Item 119.1:

This section contains terms and conditions that are not federally enforceable and are not required under the Act or under any of its applicable requirements. Terms and conditions so designated are not subject to the requirements of Section 201-6.4 of Part 201.

Item 119.2:

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.

Item 119.3:

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

Condition 120: Contaminant List

Effective between the dates of 01/03/2002 and 01/03/2007

Applicable State Requirement: 6NYCRR 201-5.3(b)

Item 120.1:

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

CAS No: 007439-92-1

Name: LEAD

CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 007446-09-5

Name: SULFUR DIOXIDE



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Permit ID: 4-1926-00021/00040

Facility DEC ID: 4192600021

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

Condition 121: Air pollution prohibited

Effective between the dates of 01/03/2002 and 01/03/2007

Applicable State Requirement: 6NYCRR 211.2

Item 121.1:

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.