



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 4-0124-00001/00112
Effective Date: 09/13/2010 Expiration Date: 09/12/2015

Permit Issued To: LAFARGE BUILDING MATERIALS INC
1916 RTE 9W
RAVENA, NY 12143

Facility: LAFARGE BUILDING MATERIALS INC
1916 US RTE 9W
RAVENA, NY 12143-0003

Contact: JOHN F REAGAN
LAFARGE BUILDING MATERIALS INC
PO BOX 3
RAVENA, NY 12143-0003
(518) 756-5026

Description:
Title V renewal.

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: WILLIAM J CLARKE
DIVISION OF ENVIRONMENTAL PERMITS
1130 N WESTCOTT RD
SCHENECTADY, NY 12306-2014

Authorized Signature: _____ Date: ___ / ___ / ____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

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

Facility Level

- Submission of application for permit modification or renewal-REGION 4 HEADQUARTERS

DEC SPECIAL CONDITIONS

- Tire dervied fuel



DEC GENERAL CONDITIONS

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

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

GENERAL CONDITIONS - Apply to ALL Authorized Permits.

Condition 1: Facility Inspection by the Department

Applicable State Requirement: ECL 19-0305

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

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

Item 2.1:

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

Condition 3: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:

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

Item 3.2:

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

Item 3.3:

Permits are transferrable with the approval of the department unless specifically prohibited by the statute, regulation or another permit condition. Applications for permit transfer should be submitted to the Department at least 30 days before expiration of the permit.



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

Item 4.1:

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

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

Condition 5: Permit modifications, suspensions or revocations by the Department
Applicable State Requirement: 6 NYCRR 621.13

Item 5.1:

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

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

**** Facility Level ****

Condition 6: Submission of application for permit modification or renewal-REGION 4 HEADQUARTERS
Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 6.1:

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

NYSDEC Regional Permit Administrator
Region 4 Headquarters
Division of Environmental Permits
1130 North Westcott Rd.
Schenectady, NY 12306-2014
(518) 357-2069



DEC SPECIAL CONDITIONS

Condition 7: Tire derived fuel

Applicable State Requirement: 6 NYCRR 621.4 (g)

Item 7.1:

The permittee shall construct and operate the approved project to use Tire Derived Fuel (TDF) in firing the cement kilns in strict accordance with the permit application including supporting documentation such as, but not limited to, modeling. Such documents are listed below:

- *Environmental Assessment Form and all attachments and figures (signed 7/19/2005).
- *Technical Memorandum Visual Assessment Summary (July, 2004).
- *Beneficial Use Determination including all Appendices, Application for Modification of Part 360 Permit - Tire Storage Facility Permit (11/22/2004) and all appendices, attachments and plans.
- *Revised Title V Air Permit Application, May 3, 2005
- *Revised Application for Mid-Kiln Firing of Tire Derived Fuel-Lafarge Building Material, Inc., Ravena NY (January, 2005).
- *Plans - Tire Derived Fuel - Parking/Storage, Haul Road Handling and Feed Drawings 607B205 (3/31/06), 607B207 (3/31/06), 607B215 (3/31/06), 607B216 (3/31/06), RVN663D001 (3/14/06), RVN663D002 (9/20/05), RVND003 (4/14/06), RVN663D004 (9/23/05), RVN663D005 (10/7/05).
- *Letter from William Clarke, NYSDEC to Lafarge, June 28, 2005
- *Letter from Lafarge to Mr. Thomas Haley, NYSDEC, June 21, 2004

Where there is a conflict between specific parts of the application and specific permit conditions the specific permit conditions shall supercede and apply. (See also 6 NYCRR 201-6.3.)

New York State Department of Environmental Conservation

Permit ID: 4-0124-00001/00112

Facility DEC ID: 4012400001



Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: LAFARGE BUILDING MATERIALS INC
1916 RTE 9W
RAVENA, NY 12143

Facility: LAFARGE BUILDING MATERIALS INC
1916 US RTE 9W
RAVENA, NY 12143-0003

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

Permit Effective Date: 09/13/2010

Permit Expiration Date: 09/12/2015



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6 NYCRR 200.6: Acceptable Ambient Air Quality
- 2 6 NYCRR 201-6.5 (a) (7): Fees
- 3 6 NYCRR 201-6.5 (c): Recordkeeping and reporting of compliance monitoring
- 4 6 NYCRR 201-6.5 (c) (2): Monitoring, Related Recordkeeping, and Reporting Requirements.
- 5 6 NYCRR 201-6.5 (c) (3) (ii): Compliance Certification
- 6 6 NYCRR 202-2.1: Compliance Certification
- 7 6 NYCRR 202-2.5: Recordkeeping requirements
- 8 6 NYCRR 215.2: Open Fires - Prohibitions
- 9 6 NYCRR 200.7: Maintenance of Equipment
- 10 6 NYCRR 201-1.7: Recycling and Salvage
- 11 6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 12 6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
- 13 6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
- 14 6 NYCRR 201-6.5 (a) (4): Standard Requirement - Provide Information
- 15 6 NYCRR 201-6.5 (a) (8): General Condition - Right to Inspect
- 16 6 NYCRR 201-6.5 (d) (5): Standard Requirements - Progress Reports
- 17 6 NYCRR 201-6.5 (f) (6): Off Permit Changes
- 18 6 NYCRR 202-1.1: Required Emissions Tests
- 19 6 NYCRR 211.3: Visible Emissions Limited
- 20 40 CFR Part 68: Accidental release provisions.
- 21 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 22 6 NYCRR 200.7: Compliance Certification
- 23 6 NYCRR Subpart 201-6: Emission Unit Definition
- 24 6 NYCRR 201-6.5 (e): Reporting Requirements
- 25 6 NYCRR 201-6.5 (e): Compliance Certification
- 26 6 NYCRR 201-6.5 (f): Compliance Certification
- 27 6 NYCRR 201-7.1: Facility Permissible Emissions
- 28 6 NYCRR 202-1.2: Notification
- 29 6 NYCRR 202-1.3 (a): Acceptable procedures
- 30 6 NYCRR 212.3 (b): Compliance Certification
- 31 6 NYCRR 212.4 (c): Compliance Certification
- 32 6 NYCRR 212.6 (a): Compliance Certification
- 33 6 NYCRR 225-1.2 (a) (2): Compliance Certification
- 34 6 NYCRR 225-1.2 (a) (2): Compliance Certification
- 35 6 NYCRR 225-1.2 (a) (2): Compliance Certification
- 36 6 NYCRR 243-1.6 (a): Permit Requirements
- 37 6 NYCRR 243-1.6 (b): Monitoring requirements
- 38 6 NYCRR 243-1.6 (c): NOx Ozone Season Emission Requirements
- 39 6 NYCRR 243-1.6 (d): Excess emission requirements
- 40 6 NYCRR 243-1.6 (e): Recordkeeping and reporting requirements
- 41 6 NYCRR 243-2.1: Authorization and responsibilities of CAIR designated representative
- 42 6 NYCRR 243-2.4: Certificate of representation



- 43 6 NYCRR 243-8.1: General requirements
 - 44 6 NYCRR 243-8.1: Prohibitions
 - 45 6 NYCRR 243-8.5 (d): Quarterly reports
 - 46 6 NYCRR 243-8.5 (e): Compliance certification
 - 47 40CFR 63.1342, Subpart LLL: Part 63 General Provisions requirements
 - 48 40CFR 63.1343(b)(2), Subpart LLL: Compliance Certification
 - 49 40CFR 63.1347, Subpart LLL: Compliance Plan
 - 50 40CFR 63.1350(a)(4), Subpart LLL: Compliance Certification
 - 51 40CFR 63.1350(b), Subpart LLL: Monitoring Requirements - compy with
O&M Plan
 - 52 40CFR 63.1350(e), Subpart LLL: Compliance Certification
 - 53 40CFR 63.1350(f), Subpart LLL: Compliance Certification
 - 54 40CFR 63.1350(f), Subpart LLL: Compliance Certification
 - 55 40CFR 63.1350(j), Subpart LLL: Monitoring requirements
 - 56 40CFR 63.1350(o), Subpart LLL: Mercury in fly ash
 - 57 40CFR 63.1350(p), Subpart LLL: Mercury in fly ash
 - 58 40CFR 63.1353, Subpart LLL: Notification Requirements
 - 59 40CFR 63.1355, Subpart LLL: Recordkeeping Requirements
- Emission Unit Level**
- 60 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
 - 61 6 NYCRR Subpart 201-6: Process Definition By Emission Unit
 - 62 40CFR 63.1354, Subpart LLL: Reporting Requirements

EU=0-41000

- 63 40CFR 63.1342, Subpart LLL: Part 63 General Provisions requirements
- 64 40CFR 63.1345(a)(1), Subpart LLL: Compliance Certification
- 65 40CFR 63.1345(a)(2), Subpart LLL: Compliance Certification
- 66 40CFR 63.1350(d)(1), Subpart LLL: Monitoring requirements - clinker
cooler
- 67 40CFR 63.1350(d)(3), Subpart LLL: Monitoring Requirements - Clinker
Cooler
- 68 40CFR 63.1350(i), Subpart LLL: Monitoring requirements - D/F
emission limit: Kiln
- 69 6 NYCRR 201-7.1: Process Permissible Emissions

EU=0-41000,EP=43101,Proc=K12

- *70 6 NYCRR 201-7.1: Capping Monitoring Condition
- *71 6 NYCRR 201-7.1: Capping Monitoring Condition
- *72 6 NYCRR 201-7.1: Capping Monitoring Condition
- 73 6 NYCRR 202-1.1: Compliance Certification
- 74 6 NYCRR 202-1.1: Compliance Certification
- 75 40CFR 52.21(r), Subpart A: Compliance Certification
- 76 40CFR 52.21(r), Subpart A: Compliance Certification
- 77 40CFR 63.10(e)(3)(i), Subpart A: Compliance Certification
- 78 40CFR 63.1343(b)(1), Subpart LLL: Compliance Certification
- 79 40CFR 63.1343(b)(3), Subpart LLL: Compliance Certification
- 80 40CFR 63.1344(f), Subpart LLL: Compliance Certification
- 81 40CFR 63.1344(g), Subpart LLL: Compliance Certification
- 82 40CFR 63.1344(h), Subpart LLL: Product quality
- 83 40CFR 63.1349(e), Subpart LLL: Performance test requirements -
change in operations



STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 84 ECL 19-0301: Contaminant List
- 85 6 NYCRR 201-1.4: Unavoidable noncompliance and violations
- 86 6 NYCRR 211.2: Air pollution prohibited
- 87 6 NYCRR 211.2: Compliance Demonstration
- 89 6 NYCRR 220-1.4 (c): Compliance Demonstration
- 88 6 NYCRR 220-1.4 (c): Compliance Demonstration
- 90 6 NYCRR 220-1.6 (b) (1): Compliance Demonstration
- 91 6 NYCRR 220-1.6 (b) (1): Compliance Demonstration

Emission Unit Level

EU=0-41000

- 92 6 NYCRR 212.9: Compliance Demonstration
- 93 6 NYCRR 212.11: Compliance Demonstration
- 94 6 NYCRR 220-1.2 (b): Compliance Demonstration

EU=0-41000,EP=43101,Proc=K12

- 95 6 NYCRR 220-1.6 (a): Compliance Demonstration
- 96 6 NYCRR 220-1.7 (a): Compliance Demonstration

EU=0-42000

- 97 6 NYCRR 220-1.5 (a): Particulate emissions from dust dumps
- 98 6 NYCRR 220-1.5 (b): Particulate emissions from dust dumps
- 99 6 NYCRR 220-1.5 (c): Particulate emissions from dust dumps

NOTE: * preceding the condition number indicates capping.



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

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

Item A: Emergency Defense - 6 NYCRR 201-1.5

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

(a) The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:

- (1) An emergency occurred and that the facility owner and/or operator can identify the cause(s) of the emergency;
- (2) The equipment at the permitted facility causing the emergency was at the time being properly operated;
- (3) During the period of the emergency the facility owner and/or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and
- (4) The facility owner and/or operator notified the Department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

(b) In any enforcement proceeding, the facility owner and/or operator seeking to establish the occurrence of an emergency has the burden of proof.

(c) This provision is in addition to any emergency or upset provision contained in any applicable requirement.

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

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



Item C: Timely Application for the Renewal of Title V Permits - 6 NYCRR 201-6.3 (a) (4)

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

Item D: Certification by a Responsible Official - 6 NYCRR 201-6.3 (d) (12)

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

Item E: Requirement to Comply With All Conditions - 6 NYCRR 201-6.5 (a) (2)

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

Item F: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR 201-6.5 (a) (3)

This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

Item G: Cessation or Reduction of Permitted Activity Not a Defense - 6 NYCRR 201-6.5 (a) (5)

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

Item H: Property Rights - 6 NYCRR 201-6.5 (a) (6)

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



Item I: Severability - 6 NYCRR 201-6.5 (a) (9)

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

Item J: Permit Shield - 6 NYCRR 201-6.5 (g)

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

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

Item K: Reopening for Cause - 6 NYCRR 201-6.5 (i)

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.

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

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

Item L: Permit Exclusion - ECL 19-0305

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



(NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.

Item M: Federally Enforceable Requirements - 40 CFR 70.6 (b)
All terms and conditions in this permit required by the Act or any applicable requirement, including any provisions designed to limit a facility's potential to emit, are enforceable by the Administrator and citizens under the Act. The Department has, in this permit, specifically designated any terms and conditions that are not required under the Act or under any of its applicable requirements as being enforceable under only state regulations.

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

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

Condition 1: Acceptable Ambient Air Quality
Effective between the dates of 09/13/2010 and 09/12/2015

Applicable Federal Requirement:6 NYCRR 200.6

Item 1.1:
Notwithstanding the provisions of 6 NYCRR Chapter III, Subchapter A, no person shall allow or permit any air contamination source to emit air contaminants in quantities which alone or in combination with emissions from other air contamination sources would contravene any applicable ambient air quality standard and/or cause air pollution. In such cases where contravention occurs or may occur, the Commissioner shall specify the degree and/or method of emission control required.

Condition 2: Fees
Effective between the dates of 09/13/2010 and 09/12/2015

Applicable Federal Requirement:6 NYCRR 201-6.5 (a) (7)

Item 2.1:
The owner and/or operator of a stationary source shall pay fees to the Department consistent with the fee schedule authorized by ECL 72-0302.

Condition 3: Recordkeeping and reporting of compliance monitoring
Effective between the dates of 09/13/2010 and 09/12/2015

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

Item 3.1:



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

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

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

Condition 4: Monitoring, Related Recordkeeping, and Reporting Requirements.

Effective between the dates of 09/13/2010 and 09/12/2015

Applicable Federal Requirement: 6 NYCRR 201-6.5 (c) (2)

Item 4.1:

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

Condition 5: Compliance Certification

Effective between the dates of 09/13/2010 and 09/12/2015

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

Item 5.1:

The Compliance Certification activity will be performed for the Facility.

Item 5.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Submit reports of any required monitoring at a minimum



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

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

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

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

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

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

If above paragraphs (1) or (2) are met, the source must notify the permitting authority by telephone during normal business hours at the Regional Office of jurisdiction for this permit, attention Regional Air Pollution Control Engineer (RAPCE) according to the timetable listed in paragraphs (1) and (2) of this section. For deviations and incidences that must be reported outside of normal business hours, on weekends, or holidays, the DEC Spill Hotline phone number at 1-800-457-7362 shall be used. A



written notice, certified by a responsible official consistent with 6 NYCRR Part 201-6.3(d)(12), must be submitted within 10 working days of an occurrence for deviations reported under (1) and (2). All deviations reported under paragraphs (1) and (2) of this section must also be identified in the 6 month monitoring report required above.

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

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

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

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2011.



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

Condition 6: Compliance Certification
Effective between the dates of 09/13/2010 and 09/12/2015

Applicable Federal Requirement:6 NYCRR 202-2.1

Item 6.1:

The Compliance Certification activity will be performed for the Facility.

Item 6.2:

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 7: Recordkeeping requirements
Effective between the dates of 09/13/2010 and 09/12/2015

Applicable Federal Requirement:6 NYCRR 202-2.5

Item 7.1:

(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 8: Open Fires - Prohibitions
Effective between the dates of 09/13/2010 and 09/12/2015

Applicable Federal Requirement:6 NYCRR 215.2

Item 8.1:

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

Item 8.2

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

(a) On-site burning in any town with a total population less than 20,000 of downed limbs and

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least semiannually, or at a more frequent period if specified in the applicable requirement or by the department. Such progress reports shall contain the following:

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

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

Condition 17: Off Permit Changes
Effective between the dates of 09/13/2010 and 09/12/2015

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

Item 17.1:

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

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

(ii) The permit shield described in section 6 NYCRR 201-6.6 shall not apply to any change made pursuant to this paragraph.

Condition 18: Required Emissions Tests
Effective between the dates of 09/13/2010 and 09/12/2015

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 18.1:

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

Condition 19: Visible Emissions Limited
Effective between the dates of 09/13/2010 and 09/12/2015

Applicable Federal Requirement:6 NYCRR 211.3

Item 19.1:

Except as permitted by a specific part of this Subchapter and for open fires for which a restricted

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

Emission Unit: 0-41000	Emission Point: 43101
Process: K12	Emission Source: 4ESP1
Emission Unit: 0-41000	Emission Point: 43101
Process: K12	Emission Source: 4ESP2

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

Item 22.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The "Precipitator Maintenance Plan" submitted to the Department December 15, 1992 (written by Lawrence Stevens of J. R. Hall, Ltd.) and the applicable recommendations of Chapter III, Parts 3 and 4 of the "2007 Evaluation Performance of the Kilns and Electrostatic Precipitators" dated June 29, 2007 (by TRK Engineering Services, Carlisle, MA) shall be implemented.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 23: Emission Unit Definition
Effective between the dates of 09/13/2010 and 09/12/2015

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 23.1:

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

Emission Unit: 0-20000

Emission Unit Description:

EMISSION UNIT 020000 CONTAINS EMISSION SOURCES INVOLVED IN THE HANDLING OF RAW MATERIALS AND SOLID FUELS AT THE FACILITY. THIS INCLUDES THE SECONDARY CRUSHER LOCATED IN THE SECONDARY CRUSHER BUILDING. THE FLY ASH, MASONARY FRINGE AND LIMESTONE SILOS ARE LOCATED ADJACENT TO THE MILL BUILDING.

Building(s): 2NDCRUSHER
FLYASHSILO
LIMESTONES
MASONSILO
MILLBLDING

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Item 23.2:

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

Emission Unit: 0-31000

Emission Unit Description:

EMISSION 031000 CONSISTS OF THE RAW MILL 1 SYSTEM WHICH INCLUDES AN ADDITIVE BELT/COLLECTOR BELT AND MILL FEED BELT. THE ENTIRE SYSTEM IS LOCATED IN THE MILL BUILDING

Building(s): MILLBLDING

Item 23.3:

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

Emission Unit: 0-32000

Emission Unit Description:

EMISSION 032000 CONSISTS OF THE RAW MILL 2 SYSTEM WHICH INCLUDES AN ADDITIVE BELT/COLLECTOR BELT AND A MILL FEED BELT. THE ENTIRE SYSTEM IS LOCATED IN THE MILL BUILDING.

Building(s): MILLBLDING

Item 23.4:

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

Emission Unit: 0-41000

Emission Unit Description:

EMISSION UNIT 041000 CONSISTS OF THE TWO ROTARY, WET PROCESS KILNS (KILN 1 AND KILN 2) AND THE TWO CLINKER COOLERS (CLINKER COOLER 1 AND CLINKER COOLER 2). THERE ARE BUILDINGS AT EITHER END OF THE KILNS; THE DISCHARGE END BUILDING WHERE THE CLINKER COOLERS ARE LOCATED, AND THE FEED END BUILDING.

Building(s): DISCHENDBG
FEEDENDBLG

Item 23.5:

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

Emission Unit: 0-42000

Emission Unit Description:

EMISSION UNIT 042000 CONSISTS OF CLINKER TRANSFER SYSTEMS FROM THE CLINKER COOLERS TO STORAGE SILOS #8 AND #11 LOCATED IN THE MILL BUILDING AND KILN DUST FROM THE KILNS TO THE DUST LANDFILL AND DUST SCOOP SYSTEMS. THE CLINKER TRANSPORT SYSTEMS CONSISTS OF BUCKET ELEVATORS AND DRAG



CONVEYORS LOCATED IN THE DISCHARGE END BUILDING AND CLINKER WELLS IN THE STORAGE HALL. THE DUST SCOOP STORAGE BIN IS LOCATED IN THE FEED END BLDG. AND THE DUST SCOOP SYSTEM IS LOCATED IN THE DUST SCOOP TOWER ADJACENT TO THE KILN 1.

Building(s): DISCHENDBG
FEEDENDBLG
MILLBLDING
PUGBLDG
SCOOPTOWR1
SCOOPTOWR2

Item 23.6:

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

Emission Unit: 0-51000

Emission Unit Description:

EMISSION UNIT 051000 CONSISTS OF THE CEMENT MILL 1 SYSTEM. THIS INCLUDES FEED BELTS TO THE CEMENT MILL, THE MILL, CONVEYING EQUIPMENT AFTER THE MILL (BUCKET ELEVATOR AND AIR SLIDES), THE MILL 1 SEPARATOR AND CEMENT COOLER. ALL OF THE COMPONENTS OF THE CEMENT MILL 1 SYSTEM ARE CONTAINED IN THE MILL BUILDING.

Building(s): MILLBLDING

Item 23.7:

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

Emission Unit: 0-52000

Emission Unit Description:

EMISSION UNIT 052000 CONSISTS OF THE CEMENT MILL 2 SYSTEM. THIS INCLUDES FEED BELTS TO THE CEMENT MILL, THE MILL, CONVEYING EQUIPMENT AFTER THE MILL (BUCKET ELEVATOR AND AIR SLIDES), THE MILL 2 SEPARATOR AND CEMENT COOLER. ALL OF THE COMPONENTS OF THE CEMENT MILL 2 SYSTEM ARE CONTAINED IN THE MILL BUILDING.

Building(s): MILLBLDING

Item 23.8:

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

Emission Unit: 0-53000

Emission Unit Description:

EMISSION UNIT 053000 CONSISTS OF THE CEMENT MILL 3 SYSTEM. THIS INCLUDES FEED BELTS TO THE CEMENT MILL, THE MILL, CONVEYING EQUIPMENT AFTER THE MILL (BUCKET



ELEVATOR AND AIR SLIDES), THE MILL 3 SEPARATOR, CEMENT COOLER, AND MASONARY FRINGE SYSTEM.

Building(s): MILLBLDING

Item 23.9:

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

Emission Unit: 0-54000

Emission Unit Description:

EMISSION UNIT 054000 CONSISTS OF THE CEMENT MILL 4 SYSTEM. THIS INCLUDES FEED BELTS TO THE CEMENT MILL, THE MILL, CONVEYING EQUIPMENT AFTER THE MILL (BUCKET ELEVATOR AND AIR SLIDES), THE TWO MILL 4 SEPARATORS AND CEMENT COOLER. ALL OF THE COMPONENTS OF THE CEMENT MILL 4 SYSTEM ARE CONTAINED IN THE MILL BUILDING.

Building(s): MILLBLDING

Item 23.10:

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

Emission Unit: 0-71000

Emission Unit Description:

EMISSION UNIT 071000 CONTAINS THE CEMENT LOADOUT AND PRODUCT SHIPMENT ACTIVITIES AT THE FACILITY. SPECIFICALLY, THIS INCLUDES THE EAST AND WEST TRUCK LOADING SPOUTS AND THE RAILCAR LOADING SPOUTS LOCATED AT THE CUSTOMER SILOS, AND THE EAST AND WEST BAG GING MACHINES LOCATED IN THE PACKHOUSE AS WELL AS THE REVERSIBLE CONVEYORS WHICH TRANSFER PRODUCT TO THESE AREAS. MISCELLANEOUS EMISSION SOURCES ASSOCIATED WITH THE PACKHOUSE ARE ALSO INCLUDED IN EU 071000.

Building(s): CUSTOSILOS
PACKHSEBLG

Item 23.11:

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

Emission Unit: 0-72000

Emission Unit Description:

EMISSION UNIT 072000 CONSISTS OF COVERED BELT CONVEYORS USED TO TRANSPORT FINISHED CEMENT BETWEEN THE CUSTOMER AND BUFFER SILOS AND FROM THE SILOS TO THE WHARF AREA FOR BARGE SHIPMENT. THE BELT THAT TRANSFERS PRODUCT BETWEEN THE CUSTOMER AND BUFFER SILOS IS LOCATED AT THE NORTH END OF

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THE BUFFER SILOS. THE THREE BELTS WHICH TRANSPORT PRODUCT TO THE WHARF ARE BELTS 8A, 8B, AND 9. PARTICULATE EMISSIONS FROM ALL TRANSFER POINTS ARE CONTROLLED BY BAGHOUSES. EMISSION POINTS ASSOCIATED WITH THE BUFFER SILOS ARE ALSO INCLUDED IN EU 072000.

Building(s): BUFFESILOS

Item 23.12:

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

Emission Unit: 0-73000

Emission Unit Description:

EMISSION UNIT 073000 CONSISTS OF THE K-CEMENT IMPORT AND STORAGE SYSTEM. K-CEMENT IS IMPORTED BY RAILCAR AND STORED IN TWO BERTHA TANKS LOCATED OUTSIDE BY THE CUSTOMER SILOS. PARTICULATE EMISSIONS FROM THE TRANSFER OF K-CEMENT INTO THE TANKS ARE CONTROLLED BY A BAGHOUSE.

Item 23.13:

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

Emission Unit: 0-90000

Emission Unit Description:

EMISSION UNIT 090000 CONTAINS EMISSION SOURCES INVOLVED IN THE FACILITY'S QUARRY OPERATIONS. THIS INCLUDES THE PRIMARY CRUSHER LOCATED IN THE PRIMARY CRUSHER BUILDING.

Building(s): PRCRUSHER

Item 23.14:

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

Emission Unit: 1-00000

Emission Unit Description:

EMISSIONS UNIT 100000 CONTAINS EMISSION SOURCES INVOLVED IN THE FACILITY'S WHARF OPERATIONS. THIS INCLUDES THE TRANSFER OF FINISHED PRODUCT FROM BELT 9 TO BARGES. PARTICULATE EMISSIONS FROM THIS TRANSFER IS CONTROLLED BY A BAGHOUSE.

Building(s): WHARF AREA

Condition 24: Reporting Requirements
Effective between the dates of 09/13/2010 and 09/12/2015

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



Item 24.1:

Any reports due prior to the first calendar based certification must be submitted as previously indicated. All reports due thereafter will be submitted on a calendar basis.

Condition 25: Compliance Certification

Effective between the dates of 09/13/2010 and 09/12/2015

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

Item 25.1:

The Compliance Certification activity will be performed for the Facility.

Item 25.2:

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 which are identified as being subject to certification, including emission limitations, standards, or work practices. That is, the provisions labeled herein as "Compliance Certification" are not the only provisions of this permit for which an annual certification is required.
- iii. Compliance certifications shall be submitted annually. Certification reports are due 30 days after the anniversary date of four consecutive calendar quarters. The first report is due 30 days after the calendar quarter that occurs just prior to the permit anniversary date,

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unless another quarter has been acceptable by the Department.

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

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

The address for the RAPCE is as follows:

1130 North Westcott Road
Schenectady, NY 12306-2014

The address for the BQA is as follows:

NYSDEC
Bureau of Quality Assurance
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 1/30/2011.
Subsequent reports are due on the same day each year

Condition 26: Compliance Certification
Effective between the dates of 09/13/2010 and 09/12/2015

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

Item 26.1:

The Compliance Certification activity will be performed for the Facility.

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

Item 26.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:



Lafarge has included a description of operational flexibility for an Alternate Operating Scenario and a Protocol for alternate fuels/raw materials as allowed under 6NYCRR Part 201-6.5(f)(1) and 6NYCRR Part 201-6.5(f)(2).

Protocol For Use of Non-Hazardous Alternate Fuels And Raw Materials:

This protocol (provided by 6 NYCRR 201-6.5(f)(2)) shall be used to evaluate the use of alternate non-hazardous fuels and raw materials in the manufacture of Portland cement. The kiln systems traditionally burn a mixture of coal and petroleum coke as well as distillate fuel. The raw feed to the kilns is a slurry, which contains the following components: a calcium source; silica sources; alumina sources; and iron sources. Gypsum is also a raw material added to the clinker in the finish mills.

The following protocol outlines procedures for evaluating proposed alternate fuels and raw materials for compliance with applicable requirements and for notifying the NYSDEC of proposed fuel and raw material changes.

Lafarge shall adhere to the following criteria when evaluating the use of proposed alternate fuels and/or raw materials:

1. Part 201-6.5(f)(6) criteria.
2. Proposed alternate material shall not be classified as a RCRA hazardous waste according to 40 CFR 261. This determination may be made by lab analyses and/or engineering judgment.
3. Proposed alternate materials shall not be medical wastes according to 40 CFR 259.
4. Proposed alternate materials must be determined to be acceptable in accordance with Lafarge's Alternate Fuels and Raw Materials Management Program.
5. The use of an alternate fuel shall not cause the as-burned sulfur content in solid fuel to exceed the Part 225-1.2(a)(2) limits.
6. Use of fuels other than coal, petroleum coke, oil, and tire derived fuel will not be authorized under the Operational Flexibility Condition.
7. The storage and handling of alternate non-hazardous materials shall be conducted such that fugitive emissions



are minimized in accordance with 6 NYCRR Parts 211.2 and 211.3.

8. Kiln stack emissions shall not exceed the following limitations when burning alternate non-hazardous fuels and/or when processing alternate non-hazardous raw materials:

- a. Particulate matter emissions of 0.05 gr/dscf per 6 NYCRR Part 220.2(b)
- b. Average six-minute opacity levels of 20 % per 6 NYCRR Part 220.4(a)
- c. Oxides of nitrogen emissions limits established in this permit.
- d. Emissions of New York State A-rated pollutants of 1 lb/hr (i.e., potential emissions shall be less than 1 lb/hr and therefore no additional control will be required).
- e. Any limitations promulgated under 40 CFR Part 63 LLL
- f. The carbon monoxide cap.

9. The draft Air Guide-1 (1991 edition) shall be used as a guideline where there is an emission rate increase for a particular contaminant or the emission of a new contaminant. Section II of the Guide does not apply for operational flexibility. Figure 1 and Figure 2 of the Guide outline the review process. To quote section IV.A.3. of the Guide, In the air quality impact analysis described above and in Appendix B, predicted ambient impacts are compared to guideline values to assess the acceptability of a proposed new source. The word guideline is stressed because these values are developed to aid in the regulatory decision making process... Toxicity ratings and Annual Guidance Criteria (AGC) and Short-term Guidance Criteria (SGC) for each contaminant are found in the "Users Guides for the Air Guide-1 Software Program and USEPA's Screen3 Model" dated 10/16/95. Refined modeling may be used in step 6 of Figure 2 of the Guide when the Air Guide-1 software program analysis shows that impacts are unacceptable (see paragraph III.D.1. of the 10/16/95 document referenced above).

Emissions estimates for alternate materials use shall be determined using published emissions factors, performing mass balance calculations, performing stack testing and/or by engineering judgment. If stack testing is to be performed at Lafarge Ravenna Plant, the NYSDEC will be notified.

Proposed alternative fuels and/or raw materials shall not increase toxic emission rates.



After evaluating proposed alternate fuel(s) and/or raw materials(s), Lafarge shall notify the NYSDEC in writing of its intention to use the alternate material that meets the criteria outlined above. The report to the NYSDEC shall include:

1. A characterization of the material (including any results of stack testing)
2. The intended substitution rate of the material
3. A description of the method of introduction into the kilns
4. Operating parameters associated with the material's introduction into the kilns
5. Calculated emission estimates (see above)
6. Documentation of the Air Guide-1 analysis

This protocol does not eliminate Lafarge's obligation to comply with applicable rules nor does this protocol eliminate the need to seek the appropriate pre-construction permits applicable.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2011.

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

Condition 27: Facility Permissible Emissions
Effective between the dates of 09/13/2010 and 09/12/2015

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 27.1:

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

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

CAS No: 000630-08-0

PTE: 2,892,509 pounds per year

Name: CARBON MONOXIDE

Condition 28: Notification
Effective between the dates of 09/13/2010 and 09/12/2015

Applicable Federal Requirement:6 NYCRR 202-1.2

Item 28.1:

A person who is required by the commissioner to submit a stack test report shall notify the commissioner, in writing, not less than 30 days prior to the test, of the time and date of the test. Such notification shall also include the acceptable procedures to be used to stack test including sampling and analytical procedures. Such person shall allow the commissioner, or his



representative, free access to observe stack testing being conducted by such person.

Condition 29: Acceptable procedures
Effective between the dates of 09/13/2010 and 09/12/2015

Applicable Federal Requirement:6 NYCRR 202-1.3 (a)

Item 29.1:

Emission testing, sampling and analytical determinations to ascertain compliance with this Subchapter shall be conducted in accordance with test methods acceptable to the commissioner. The Reference Methods contained in part 60, appendix A and part 61, appendix B of title 40 of the Code of Federal Regulations and all future technical revisions, additions or corrections made thereto shall be considered as acceptable test methods for those sources and contaminants for which they are expressly applicable, except where the commissioner has issued a specific method to be used instead of a Reference Method contained in these Federal regulations or where the commissioner determines that one or more alternate methods are also acceptable. The person who owns or operates an air contamination source shall submit the emission test report in triplicate, to the commissioner within 60 days after the completion of tests. In the event such source owner/operator can demonstrate to the commissioner such time is not sufficient, he may request in writing and be granted an extension. Where an opacity emission standard is applicable to the source tested, the emission test report shall include the opacity observation.

Condition 30: Compliance Certification
Effective between the dates of 09/13/2010 and 09/12/2015

Applicable Federal Requirement:6 NYCRR 212.3 (b)

Item 30.1:

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

Emission Unit: 0-20000	Emission Point: 34301
Emission Unit: 0-20000	Emission Point: 46017
Emission Unit: 0-42000	Emission Point: 46008
Emission Unit: 0-42000	Emission Point: 46011
Emission Unit: 0-51000	Emission Point: 52101
Emission Unit: 0-51000	Emission Point: 53101
Emission Unit: 0-51000	Emission Point: 53102
Emission Unit: 0-52000	Emission Point: 52201
Emission Unit: 0-52000	Emission Point: 53201
Emission Unit: 0-52000	Emission Point: 53202
Emission Unit: 0-53000	Emission Point: 52301



Emission Unit: 0-53000	Emission Point: 53301
Emission Unit: 0-53000	Emission Point: 53302
Emission Unit: 0-54000	Emission Point: 52401
Emission Unit: 0-54000	Emission Point: 53401
Emission Unit: 0-54000	Emission Point: 53402
Emission Unit: 0-54000	Emission Point: 53403
Emission Unit: 0-71000	Emission Point: 62002
Emission Unit: 0-71000	Emission Point: 62003
Emission Unit: 0-71000	Emission Point: 62004
Emission Unit: 0-71000	Emission Point: 62005
Emission Unit: 0-71000	Emission Point: 62006
Emission Unit: 0-71000	Emission Point: 62007
Emission Unit: 0-71000	Emission Point: 63001
Emission Unit: 0-71000	Emission Point: 63002
Emission Unit: 0-71000	Emission Point: 63003
Emission Unit: 0-72000	Emission Point: 55001
Emission Unit: 0-72000	Emission Point: 55004
Emission Unit: 0-72000	Emission Point: 55006
Emission Unit: 0-72000	Emission Point: 57001
Emission Unit: 0-72000	Emission Point: 57002
Emission Unit: 0-72000	Emission Point: 57003
Emission Unit: 0-72000	Emission Point: 62001
Emission Unit: 0-90000	Emission Point: 32002
Emission Unit: 1-00000	Emission Point: 58001

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



Item 30.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

In instances where determination of permissible emission rate using process weight is not applicable (see Table 5) and for an environmental rating of B or C, no person will cause or allow emissions of solid particulates that exceed 0.15 grains of particulates per cubic foot of exhaust gas, corrected for dilution air and expressed at standard conditions on a dry gas basis.

Parameter Monitored: PARTICULATES

Upper Permit Limit: .15 grains per dscf

Reference Test Method: Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 31: Compliance Certification

Effective between the dates of 09/13/2010 and 09/12/2015

Applicable Federal Requirement: 6 NYCRR 212.4 (c)

Item 31.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 0-20000	Emission Point: 46012
Emission Unit: 0-20000	Emission Point: 46013
Emission Unit: 0-20000	Emission Point: 46014
Emission Unit: 0-20000	Emission Point: 46015
Emission Unit: 0-42000	Emission Point: 40100
Emission Unit: 0-42000	Emission Point: 43102
Emission Unit: 0-42000	Emission Point: 43103
Emission Unit: 0-42000	Emission Point: 43106
Emission Unit: 0-42000	Emission Point: 46018



Emission Unit: 0-42000	Emission Point: 46019
Emission Unit: 0-71000	Emission Point: 62008
Emission Unit: 0-71000	Emission Point: 62009
Emission Unit: 0-71000	Emission Point: 63004
Emission Unit: 0-73000	Emission Point: 62010

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

Item 31.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

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

In instances where determination of permissible emission rate using process weight is not applicable (see Table 5) and for an environmental rating of B or C, no person will cause or allow emissions of solid particulates that exceed 0.050 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis, except as provided in section 201.6 of this Title

Parameter Monitored: PARTICULATES
Upper Permit Limit: .05 grains per dscf
Reference Test Method: Method 5
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 32: Compliance Certification
Effective between the dates of 09/13/2010 and 09/12/2015

Applicable Federal Requirement: 6 NYCRR 212.6 (a)

Item 32.1:

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

Emission Unit: 0-20000	
Emission Unit: 0-90000	Emission Point: 32002



Process: PCR

Emission Source: 09PCD

Item 32.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

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

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

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

Monitoring Frequency: MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2011.

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

Condition 33: Compliance Certification
Effective between the dates of 09/13/2010 and 09/12/2015

New York State Department of Environmental Conservation

Permit ID: 4-0124-00001/00112

Facility DEC ID: 4012400001



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

Item 33.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 0-41000

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 33.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

No person will sell, offer for sale, purchase or use any solid fuel which contains sulfur in a quantity exceeding the following limitation.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: OTHER SOLID FUELS

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 1.7 pounds per million Btus

Reference Test Method: Method 19 from 40 CFR 60 Appendix A

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: MONTHLY (CALENDAR)

Reports due 20 days after the reporting period.

The initial report is due 10/20/2010.

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

Condition 34: Compliance Certification

Effective between the dates of 09/13/2010 and 09/12/2015

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

Item 34.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 0-41000

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 34.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC

New York State Department of Environmental Conservation

Permit ID: 4-0124-00001/00112

Facility DEC ID: 4012400001



OPERATIONS

Monitoring Description:

No person will sell, offer for sale, purchase or use any solid fuel which contains sulfur in a quantity exceeding the following limitation.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: OTHER SOLID FUELS

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 1.9 pounds per million Btus

Reference Test Method: Method 19 from 40 CFR 60 Appendix A

Monitoring Frequency: MONTHLY

Averaging Method: 3-MONTH AVERAGE ROLLED MONTHLY

Reporting Requirements: MONTHLY (CALENDAR)

Reports due 20 days after the reporting period.

The initial report is due 10/20/2010.

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

Condition 35: Compliance Certification
Effective between the dates of 09/13/2010 and 09/12/2015

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

Item 35.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 0-41000

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 35.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Any solid fuel which contains sulfur in a quantity exceeding the limit below shall not be burned. Monitoring frequency: one fuel sample for each kiln per day of operation.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: OTHER SOLID FUELS

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 2.5 pounds per million Btus

Reference Test Method: Method 19 from 40 CFR 60 Appendix A

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

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

New York State Department of Environmental Conservation

Permit ID: 4-0124-00001/00112

Facility DEC ID: 4012400001



Reporting Requirements: MONTHLY (CALENDAR)

Reports due 20 days after the reporting period.

The initial report is due 10/20/2010.

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

Condition 36: Permit Requirements
Effective between the dates of 09/13/2010 and 09/12/2015

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

Item 36.1:

This Condition applies to:

Emission Unit: 041000

Item 36.2:

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

(i) submit to the department a complete CAIR permit application under section 243-3.3 in accordance with the deadlines specified in section 243-3.2; and

(ii) submit in a timely manner any supplemental information that the department determines is necessary in order to review a CAIR permit application and issue or deny a CAIR permit.

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

Condition 37: Monitoring requirements
Effective between the dates of 09/13/2010 and 09/12/2015

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

Item 37.1:

This Condition applies to:

Emission Unit: 041000 Emission Point: 45101

Item 37.2:

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

Condition 38: NOx Ozone Season Emission Requirements
Effective between the dates of 09/13/2010 and 09/12/2015

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

Item 38.1:

This Condition applies to:

New York State Department of Environmental Conservation

Permit ID: 4-0124-00001/00112

Facility DEC ID: 4012400001



Emission Unit: 041000 Emission Point: 45201

Item 38.2:

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

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

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

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

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

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

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

Condition 39: Excess emission requirements
Effective between the dates of 09/13/2010 and 09/12/2015

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

Item 39.1:

This Condition applies to:

Emission Unit: 041000 Emission Point: 45201

Item 39.2:

If a CAIR NOx Ozone Season source emits nitrogen oxides during any control period in excess



of the CAIR NOx Ozone Season emissions limitation, then:

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

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

Condition 40: Recordkeeping and reporting requirements
Effective between the dates of 09/13/2010 and 09/12/2015

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

Item 40.1:

This Condition applies to:

Emission Unit: 041000 Emission Point: 45201

Item 40.2:

Unless otherwise provided, the owners and operators of the CAIR NOx Ozone Season source and each CAIR NOx Ozone Season unit at the source shall keep on site at the source each of the following documents for a period of five years from the date the document is created. This period may be extended for cause, at any time before the end of five years, in writing by the department or the Administrator.

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

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

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

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

Condition 41: Authorization and responsibilities of CAIR designated representative
Effective between the dates of 09/13/2010 and 09/12/2015

Applicable Federal Requirement:6 NYCRR 243-2.1



Item 41.1:

This Condition applies to:

Emission Unit: 041000

Item 41.2:

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

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

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

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

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

Condition 42: Certificate of representation
Effective between the dates of 09/13/2010 and 09/12/2015

Applicable Federal Requirement:6 NYCRR 243-2.4

New York State Department of Environmental Conservation

Permit ID: 4-0124-00001/00112

Facility DEC ID: 4012400001



Item 42.1:

This Condition applies to:

Emission Unit: 041000 Emission Point: 43101

Item 42.2:

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

Condition 43: General requirements

Effective between the dates of 09/13/2010 and 09/12/2015

Applicable Federal Requirement:6 NYCRR 243-8.1

Item 43.1:

This Condition applies to:

Emission Unit: 041000

Item 43.2:

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

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

- (1) install all monitoring systems required under this Subpart for monitoring NOx mass emissions and individual unit heat input (including all systems required to monitor NOx emission rate, NOx concentration, stack gas moisture content, stack gas flow rate, CO2 or O2 concentration, and fuel flow rate, as applicable, in accordance with 40 CFR 75.71 and 40 CFR 75.72);
- (2) successfully complete all certification tests required under section 243-8.2 and meet all other requirements of this Subpart and 40 CFR Part 75 applicable to the monitoring systems under paragraph (a)(1) of this section; and
- (3) record, report, and quality-assure the data from the monitoring systems under paragraph (a)(1) of this section.

Condition 44: Prohibitions



Effective between the dates of 09/13/2010 and 09/12/2015

Applicable Federal Requirement:6 NYCRR 243-8.1

Item 44.1:

This Condition applies to:

Emission Unit: 041000

Item 44.2:

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

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

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

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

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

Condition 45: Quarterly reports

Effective between the dates of 09/13/2010 and 09/12/2015

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

Item 45.1:

This Condition applies to:

Emission Unit: 041000



Item 45.2:

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

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

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

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

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

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

Condition 46: Compliance certification
Effective between the dates of 09/13/2010 and 09/12/2015

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

Item 46.1:

This Condition applies to:

Emission Unit: 041000

Item 46.2:

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

(1) the monitoring data submitted were recorded in accordance with the applicable requirements of this Subpart and 40 CFR Part 75, including the quality assurance procedures and specifications;



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

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

Condition 47: Part 63 General Provisions requirements
Effective between the dates of 09/13/2010 and 09/12/2015

Applicable Federal Requirement:40CFR 63.1342, Subpart LLL

Item 47.1:

Owners or operators of affected sources subject to 40CFR63 Subpart LLL must also comply with the requirements of Subpart A of Part 63, according to the applicability of Subpart A to such sources, as identified in Table 1 of Subpart LLL. Subpart A is the General Provisions for the NESHAP for Source Categories regulations. The General Provisions contain requirements for performance testing, monitoring, notification, recordkeeping, reporting, and control devices that may apply to the source.

Condition 48: Compliance Certification
Effective between the dates of 09/13/2010 and 09/12/2015

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

Item 48.1:

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

Emission Unit: 0-41000
Process: K12

Emission Point: 43101

Item 48.2:

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
Reference Test Method: PS1

New York State Department of Environmental Conservation

Permit ID: 4-0124-00001/00112

Facility DEC ID: 4012400001



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 1/30/2011.
Subsequent reports are due every 6 calendar month(s).

Condition 49: Compliance Plan
Effective between the dates of 09/13/2010 and 09/12/2015

Applicable Federal Requirement:40CFR 63.1347, Subpart LLL

Item 49.1:

Compliance will be achieved according to the following schedule for the Facility:

Consent Order: r420100302
Progress Report Begin Date: 04/15/2010

Item 49.2:

Remedial Measure:
Schedule Date: 04/15/2010
Quarterly daily opacity certification

Condition 50: Compliance Certification
Effective between the dates of 09/13/2010 and 09/12/2015

Applicable Federal Requirement:40CFR 63.1350(a)(4), Subpart LLL

Item 50.1:

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

Emission Unit: 0-20000

Emission Unit: 0-42000

Emission Unit: 0-71000

Emission Unit: 0-72000

Emission Unit: 0-73000

Emission Unit: 0-90000

Emission Unit: 1-00000

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

Item 50.2:

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 material, clinker, or finished product storage bin; conveying system transfer point; bagging system; and bulk loading or unloading system; and each existing raw material 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.

The written operation and maintenance plan required by 63.1350(a) shall include procedures to be used to periodically monitor affected sources subject to opacity standards under 63.1346 and 63.1348. Such procedures must include the following provisions:

- (i) The owner or operator must conduct a monthly 1-minute visible emissions test of each affected source in accordance with Method 22 of Appendix A to Part 60 of this chapter. The test must be conducted while the affected source is in operation.
- (ii) If no visible emissions are observed in six consecutive monthly tests for any affected source, the owner or operator may decrease the frequency of testing from monthly to semi-annually for that affected source. If visible emissions are observed during any semi-annual test, the owner or operator must resume testing of that affected source on a monthly basis and maintain that schedule until no visible emissions are observed in six consecutive monthly tests.
- (iii) If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semi-annual to annual for that affected source. If visible emissions are observed during any annual test, the owner or operator must resume testing of that affected source on a monthly basis and maintain that schedule until no visible emissions are observed in six consecutive monthly tests.
- (iv) If visible emissions are observed during any method 22 test, the owner or operator must conduct a 6 minute test of opacity in accordance with method 9 of appendix A to part 60 of this chapter. The method 9 test must begin within one hour of any observation of visible emissions.
- (v) The requirement to conduct Method 22 visible emissions



monitoring under this paragraph shall not apply to any totally enclosed conveying system transfer point, regardless of the location of the transfer point. "Totally enclosed conveying system transfer point" shall mean a conveying system transfer point that is enclosed on all sides, top, and bottom

(vi) If any partially enclosed or unenclosed conveying system transfer point is located in a building, the facility shall have the option to conduct a Method 22 visible emissions monitoring test according to the requirements of §63.1350(a)(4)(i)-(iv) for each such conveying system transfer point located within the building, or for the building itself (according to §63.1350(a)(4)(vii))

(vii) If visible emissions from a building are monitored, the requirements above apply to the monitoring of the building, and you must also do the following: test visible emissions from each side, roof, and vent of the building for at least one minute. The test must be conducted under normal operating conditions.

Parameter Monitored: OPACITY
Upper Permit Limit: 10 percent
Reference Test Method: EPA Method 9 and Method 22
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2011.
Subsequent reports are due every 6 calendar month(s).

**Condition 51: Monitoring Requirements - comply with O&M Plan
Effective between the dates of 09/13/2010 and 09/12/2015**

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

Item 51.1:

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 52: Compliance Certification
Effective between the dates of 09/13/2010 and 09/12/2015**

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

Item 52.1:

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



Emission Unit: 0-31000

Emission Unit: 0-32000

Emission Unit: 0-51000

Emission Unit: 0-52000

Emission Unit: 0-53000

Emission Unit: 0-54000

Item 52.2:

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 ten percent.

The owner or operator of a raw mill or finish mill shall monitor opacity by conducting daily visual observations of the mill sweep and air separator PMCDs of the affected sources, in accordance with the procedures of Method 22 of Appendix A of 40 CFR 60. The Method 22 test shall be conducted while the affected source is operating at the representative performance conditions in accordance with §63.7(e). The duration of the Method 22 test shall be six minutes. If visible emissions are observed during any Methods 22 visible emissions test, the owner or operator must:

Initiate, within one hour, the corrective actions specified in the site specific operating and maintenance plan; and

Within 24 hours of the end of the Method 22 test in which visible emissions were observed, conduct a follow-up Method 22 test of each stack from which visible emissions were observed during the previous Method 22 test. If visible emissions are observed during the follow-up test from any stack from which visible emissions were observed during the previous Method 22 test, conduct a visual opacity test of each stack from which emissions were observed during the follow-up Method 22 test in accordance

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with Method 9 of Appendix A to Part 60. The duration of the Method 9 test shall be 30 minutes.

Parameter Monitored: OPACITY
Upper Permit Limit: 10 percent
Reference Test Method: EPA Method 9 and Method 22
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2011.
Subsequent reports are due every 12 calendar month(s).

Condition 53: Compliance Certification
Effective between the dates of 09/13/2010 and 09/12/2015

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

Item 53.1:

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

Emission Unit: 0-41000
Process: K12

Regulated Contaminant(s):
CAS No: 001746-01-6 2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN

Item 53.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:
Kiln 2:

The owner or operator of an affected source subject to a limitation on D/F emissions shall monitor D/F emissions as follows:

Install, calibrate, maintain and continuously operate a continuous monitor to record the temperature of the exhaust gases from the kiln at the inlet to, or upstream of the PM control devices.

Continuously record the temperature of the exhaust gases from the kiln at the inlet to the kiln bypass PMCD.

The calibration of all thermocouples and other temperature sensors shall be verified at least every three



months.

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).

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).

The three hour rolling average temperature shall be calculated as the average of 180 successive one-minute average temperatures.

Parameter Monitored: TEMPERATURE

Upper Permit Limit: 533 degrees Fahrenheit

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 3-HOUR ROLLING AVERAGE

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2011.

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

Condition 54: Compliance Certification
Effective between the dates of 09/13/2010 and 09/12/2015

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

Item 54.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 0-41000

Process: K12

Regulated Contaminant(s):

CAS No: 001746-01-6 2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN

Item 54.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Kiln #1:

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The owner or operator of an affected source subject to a limitation on D/F emissions shall monitor D/F emissions as follows:

Install, calibrate, maintain and continuously operate a continuous monitor to record the temperature of the exhaust gases from the kiln at the inlet to, or upstream of the PM control devices.

Continuously record the temperature of the exhaust gases from the kiln at the inlet to the kiln bypass PMCD.

The calibration of all thermocouples and other temperature sensors shall be verified at least every three months.

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).

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).

The three hour rolling average temperature shall be calculated as the average of 180 successive one-minute average temperatures.

Parameter Monitored: TEMPERATURE

Upper Permit Limit: 508 degrees Fahrenheit

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 3-HOUR ROLLING AVERAGE

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2011.

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

**Condition 55: Monitoring requirements
Effective between the dates of 09/13/2010 and 09/12/2015**

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

Item 55.1:

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 56: Mercury in fly ash
Effective between the dates of 09/13/2010 and 09/12/2015

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

Item 56.1:

For kilns and in-line kilns/raw mills complying with the requirements in Section 63.1344(g), each owner or operator must obtain a certification from the supplier for each shipment of fly ash received to demonstrate that the fly ash was not derived from a source in which the use of activated carbon, or any other sorbent, is used as a method of mercury emissions control. The certification shall include the name of the supplier and a signed statement from the supplier confirming that the fly ash was not derived from a source in which the use of activated carbon, or any other sorbent, is used as a method of emission control.

Condition 57: Mercury in fly ash
Effective between the dates of 09/13/2010 and 09/12/2015

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

Item 57.1:

If the facility opts to use a fly ash derived from a source in which the use of activated carbon, or any other sorbent, is used as a method of mercury emissions control and demonstrate that the use of this fly ash does not increase mercury emissions, they must obtain daily fly ash samples, composites monthly, and analyze the samples for mercury

Condition 58: Notification Requirements
Effective between the dates of 09/13/2010 and 09/12/2015

Applicable Federal Requirement:40CFR 63.1353, Subpart LLL

Item 58.1:

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 63.1350. Each owner or operator subject to the requirements of Subpart LLL shall comply with the notifications requirements are follows:

- Initial notifications are required by 40 CFR 63.9(b) through (d)
- Notification of performance tests
- Notification of opacity and visible emission observations
- Notification of the date that the continuous emission monitor performance evaluation is scheduled to begin
- Notification of compliance status.

Condition 59: Recordkeeping Requirements
Effective between the dates of 09/13/2010 and 09/12/2015

Applicable Federal Requirement:40CFR 63.1355, Subpart LLL

Item 59.1:

(a) The owner or operator shall maintain files of all information (including all reports and notifications) required by this section recorded in a form suitable and readily available for inspection and review as required by 40 CFR 63.10(b)(1). The files shall be retained for at least

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five years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. At a minimum, the most recent two years of data shall be retained on site. The remaining three 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.

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

(1) All documentation supporting initial notifications and notifications of compliance status under 40 CFR 63.9;

(2) All records of applicability determination, including supporting analyses; and

(3) 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.

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

(d) You must keep annual records of the amount of CKD which is removed from the kiln system and either disposed of as solid waste or otherwise recycled for a beneficial use outside of the kiln system.

(e) You must keep records of the amount of CKD recycled on an hourly basis.

(f) You must keep records of all fly ash supplier certifications as required by §63.1350(o).

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

**Condition 60: Emission Point Definition By Emission Unit
Effective between the dates of 09/13/2010 and 09/12/2015**

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 60.1:

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

Emission Unit: 0-20000

Emission Point: 34301

Height (ft.): 55

Diameter (in.): 22

NYTMN (km.): 4705.508

NYTME (km.): 597.444

Building:

2NDCRUSHER

Emission Point: 46012

Height (ft.): 77

Length (in.): 22

Width (in.): 15

NYTMN (km.): 4705.734

NYTME (km.): 597.543

Building: FLYASHSILO

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Emission Point: 46013
Height (ft.): 114 Diameter (in.): 12
NYTMN (km.): 4705.72 NYTME (km.): 597.436 Building: MILLBLDING

Emission Point: 46014
Height (ft.): 62 Length (in.): 8 Width (in.): 16
NYTMN (km.): 4705.741 NYTME (km.): 597.504 Building: MASONSILO

Emission Point: 46015
Height (ft.): 77 Length (in.): 22 Width (in.): 15
NYTMN (km.): 4705.6 NYTME (km.): 597.3 Building: LIMESTONES

Emission Point: 46017
Height (ft.): 97 Length (in.): 12 Width (in.): 14
NYTMN (km.): 4705.721 NYTME (km.): 597.417 Building: MILLBLDING

Item 60.2:

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

Emission Unit: 0-41000

Emission Point: 43101
Height (ft.): 350 Diameter (in.): 240
NYTMN (km.): 4705.983 NYTME (km.): 597.45 Building:
FEEDENDBLG

Emission Point: 45101
Height (ft.): 127 Diameter (in.): 120
NYTMN (km.): 4705.75 NYTME (km.): 597.417 Building:
DISCHENDBG

Emission Point: 45201
Height (ft.): 127 Diameter (in.): 120
NYTMN (km.): 4705.75 NYTME (km.): 597.431 Building:
DISCHENDBG

Item 60.3:

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

Emission Unit: 0-42000

Emission Point: 40100
Height (ft.): 114 Length (in.): 12 Width (in.): 24
NYTMN (km.): 4706.14 NYTME (km.): 597.635 Building: PUGBLDG

Emission Point: 43102
Height (ft.): 74 Length (in.): 12 Width (in.): 11
NYTMN (km.): 4705.937 NYTME (km.): 597.44 Building:
FEEDENDBLG

Emission Point: 43103
Height (ft.): 81 Diameter (in.): 38

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NYTMN (km.): 4705.88 NYTME (km.): 597.449 Building:
SCOOPTOWR1

Emission Point: 43104
Height (ft.): 74 Length (in.): 12 Width (in.): 11
NYTMN (km.): 4705.938 NYTME (km.): 597.455 Building:
FEEDENDBLG

Emission Point: 43105
Height (ft.): 81 Diameter (in.): 38
NYTMN (km.): 4705.881 NYTME (km.): 597.429 Building:
SCOOPTOWR2

Emission Point: 43106
Height (ft.): 24 Length (in.): 8 Width (in.): 8
NYTMN (km.): 4705.95 NYTME (km.): 597.446 Building:
FEEDENDBLG

Emission Point: 46008
Height (ft.): 112 Length (in.): 16 Width (in.): 16
NYTMN (km.): 4705.699 NYTME (km.): 597.425 Building: MILLBLDING

Emission Point: 46011
Height (ft.): 91 Length (in.): 16 Width (in.): 16
NYTMN (km.): 4705.695 NYTME (km.): 597.446 Building: MILLBLDING

Emission Point: 46018
Height (ft.): 130 Diameter (in.): 32
NYTMN (km.): 4705.734 NYTME (km.): 597.428 Building:
DISCHENDBG

Emission Point: 46019
Height (ft.): 130 Diameter (in.): 32
NYTMN (km.): 4705.696 NYTME (km.): 597.469 Building:
DISCHENDBG

Item 60.4:

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

Emission Unit: 0-51000

Emission Point: 52101
Height (ft.): 51 Length (in.): 18 Width (in.): 15
NYTMN (km.): 4705.745 NYTME (km.): 597.468 Building: MILLBLDING

Emission Point: 53101
Height (ft.): 54 Length (in.): 29 Width (in.): 22
NYTMN (km.): 4705.735 NYTME (km.): 597.468 Building: MILLBLDING

Emission Point: 53102
Height (ft.): 128 Diameter (in.): 50
NYTMN (km.): 4705.713 NYTME (km.): 597.465 Building: MILLBLDING

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Item 60.5:

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

Emission Unit: 0-52000

Emission Point: 52201
Height (ft.): 51 Length (in.): 18 Width (in.): 15
NYTMN (km.): 4705.733 NYTME (km.): 597.519 Building: MILLBLDING

Emission Point: 53201
Height (ft.): 54 Length (in.): 29 Width (in.): 22
NYTMN (km.): 4705.732 NYTME (km.): 597.503 Building: MILLBLDING

Emission Point: 53202
Height (ft.): 120 Diameter (in.): 50
NYTMN (km.): 4705.713 NYTME (km.): 597.495 Building: MILLBLDING

Item 60.6:

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

Emission Unit: 0-53000

Emission Point: 52301
Height (ft.): 51 Length (in.): 18 Width (in.): 15
NYTMN (km.): 4705.743 NYTME (km.): 597.493 Building: MILLBLDING

Emission Point: 53301
Height (ft.): 54 Length (in.): 29 Width (in.): 22
NYTMN (km.): 4705.743 NYTME (km.): 597.481 Building: MILLBLDING

Emission Point: 53302
Height (ft.): 120 Diameter (in.): 50
NYTMN (km.): 4705.713 NYTME (km.): 597.522 Building: MILLBLDING

Item 60.7:

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

Emission Unit: 0-54000

Emission Point: 52401
Height (ft.): 92 Diameter (in.): 36
NYTMN (km.): 4705.76 NYTME (km.): 597.521 Building: MILLBLDING

Emission Point: 53401
Height (ft.): 52 Length (in.): 42 Width (in.): 18
NYTMN (km.): 4705.741 NYTME (km.): 597.519 Building: MILLBLDING

Emission Point: 53402
Height (ft.): 135 Diameter (in.): 48
NYTMN (km.): 4705.706 NYTME (km.): 597.511 Building: MILLBLDING

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Emission Point: 53403
Height (ft.): 135 Diameter (in.): 48
NYTMN (km.): 4705.705 NYTME (km.): 597.522 Building: MILLBLDING

Item 60.8:

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

Emission Unit: 0-71000

Emission Point: 62002
Height (ft.): 171 Length (in.): 15 Width (in.): 16
NYTMN (km.): 4705.93 NYTME (km.): 597.598 Building: CUSTOSILOS

Emission Point: 62003
Height (ft.): 171 Length (in.): 24 Width (in.): 24
NYTMN (km.): 4705.4 NYTME (km.): 597.3 Building: CUSTOSILOS

Emission Point: 62004
Height (ft.): 171 Length (in.): 24 Width (in.): 24
NYTMN (km.): 4705.4 NYTME (km.): 597.3 Building: CUSTOSILOS

Emission Point: 62005
Height (ft.): 171 Length (in.): 24 Width (in.): 24
NYTMN (km.): 4705.4 NYTME (km.): 597.3 Building: CUSTOSILOS

Emission Point: 62006
Height (ft.): 171 Diameter (in.): 15
NYTMN (km.): 4705.935 NYTME (km.): 597.618 Building: CUSTOSILOS

Emission Point: 62007
Height (ft.): 57 Diameter (in.): 21
NYTMN (km.): 4706.057 NYTME (km.): 597.613 Building: CUSTOSILOS

Emission Point: 62008
Height (ft.): 57 Diameter (in.): 21
NYTMN (km.): 4706.048 NYTME (km.): 597.612 Building: CUSTOSILOS

Emission Point: 62009
Height (ft.): 60 Diameter (in.): 21
NYTMN (km.): 4706.04 NYTME (km.): 597.61 Building: CUSTOSILOS

Emission Point: 63001
Height (ft.): 55 Diameter (in.): 20
NYTMN (km.): 4705.964 NYTME (km.): 597.602 Building:
PACKHSEBLG

Emission Point: 63002
Height (ft.): 55 Diameter (in.): 20
NYTMN (km.): 4705.955 NYTME (km.): 597.601 Building:
PACKHSEBLG

Emission Point: 63003

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Height (ft.): 30 Diameter (in.): 6
NYTMN (km.): 4705.947 NYTME (km.): 597.601 Building:
PACKHSEBLG

Emission Point: 63004
Height (ft.): 33 Length (in.): 13 Width (in.): 11
NYTMN (km.): 4705.964 NYTME (km.): 597.609 Building:
PACKHSEBLG

Item 60.9:

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

Emission Unit: 0-72000

Emission Point: 55001
Height (ft.): 128 Length (in.): 12 Width (in.): 24
NYTMN (km.): 4705.848 NYTME (km.): 597.64 Building: BUFFESILOS

Emission Point: 55004
Height (ft.): 128 Diameter (in.): 15
NYTMN (km.): 4705.839 NYTME (km.): 597.64 Building: BUFFESILOS

Emission Point: 55006
Height (ft.): 128 Diameter (in.): 15
NYTMN (km.): 4705.828 NYTME (km.): 597.641 Building: BUFFESILOS

Emission Point: 57001
Height (ft.): 17 Diameter (in.): 17
NYTMN (km.): 4705.769 NYTME (km.): 597.64 Building: BUFFESILOS

Emission Point: 57002
Height (ft.): 27 Diameter (in.): 16
NYTMN (km.): 4705.846 NYTME (km.): 597.647

Emission Point: 57003
Height (ft.): 41 Length (in.): 12 Width (in.): 11
NYTMN (km.): 4704.972 NYTME (km.): 598.89

Emission Point: 62001
Height (ft.): 23 Diameter (in.): 16
NYTMN (km.): 4705.829 NYTME (km.): 597.649 Building: BUFFESILOS

Item 60.10:

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

Emission Unit: 0-73000

Emission Point: 62010
Height (ft.): 20 Diameter (in.): 7
NYTMN (km.): 4705.792 NYTME (km.): 597.612

Item 60.11:



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

Emission Unit: 0-90000

Emission Point: 32002

Height (ft.): 0 Length (in.): 24 Width (in.): 13
NYTMN (km.): 4704.833 NYTME (km.): 596.37 Building: PRCRUSHER

Item 60.12:

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

Emission Unit: 1-00000

Emission Point: 58001

Height (ft.): 102 Diameter (in.): 13
NYTMN (km.): 4704.932 NYTME (km.): 599.712 Building: WHARF

AREA

Condition 61: Process Definition By Emission Unit
Effective between the dates of 09/13/2010 and 09/12/2015

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 61.1:

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

Emission Unit: 0-20000

Process: FAX Source Classification Code: 3-05-007-12

Process Description:

TRANSFER OF FLY ASH TO FLY ASH STORAGE
SILO FROM TRUCKS AND FROM SILO TO FLY ASH
ALLEVIATOR.

Emission Source/Control: 2DC03 - Control

Control Type: FABRIC FILTER

Emission Source/Control: 2DC04 - Control

Control Type: FABRIC FILTER

Emission Source/Control: 2FAST - Process

Emission Source/Control: 2FATR - Process

Item 61.2:

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

Emission Unit: 0-20000

Process: LCR Source Classification Code: 3-05-007-10

Process Description:

SECONDARY CRUSHING OF CALCIUM SOURCES
(E.G., LIMESTONE) USED IN CEMENT
MANUFACTURE.

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Emission Source/Control: 2DC01 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 2CRSH - Process

Item 61.3:

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

Emission Unit: 0-20000
Process: LMS Source Classification Code: 3-05-007-12
Process Description:
STORAGE AND TRANSFER OF LIMESTONE FROM THE
SILOS TO THE MILLING MACHINES.

Emission Source/Control: 1LMST - Control
Control Type: FABRIC FILTER

Emission Source/Control: 53MAS - Process

Item 61.4:

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

Emission Unit: 0-20000
Process: MAS Source Classification Code: 3-05-007-18
Process Description:
TRANSFER OF MATERIAL INTO AND OUT OF THE
MASONARY FRINGE SILO. THIS PROCESS IS
VENTED BY A DUST COLLECTOR LOCATED ON TOP
OF THE MASONARY FRINGE SILO.

Emission Source/Control: 5DC07 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 53MAS - Process

Item 61.5:

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

Emission Unit: 0-20000
Process: RX1 Source Classification Code: 3-05-007-12
Process Description:
TRANSFER OF RAW MATERIALS THROUGH THE
SECONDARY CRUSHER AND ONTO CONVEYOR #7.
CALCIUM SOURCES (LIMESTONE), SOLID FUELS,
AND IRON SOURCES ARE TRANSFERRED THROUGH
THE SECONDARY CRUSHER AND ONLY CONVEYOR
#7.

Emission Source/Control: 2DC01 - Control
Control Type: FABRIC FILTER



Emission Source/Control: 2C7ON - Process

Emission Source/Control: 2CRSH - Process

Emission Source/Control: 2CRWF - Process

Item 61.6:

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

Emission Unit: 0-20000

Process: RX2

Source Classification Code: 3-05-007-12

Process Description:

TRANSFER OF RAW MATERIALS (CALCIUM SOURCES, SOLID FUEL, AND IRON SOURCES) FROM CONVEYOR 7 DISCHARGE CHUTE TO THE SHUTTLE BELT LOAD CHUTE.

Emission Source/Control: 2DC01 - Control

Control Type: FABRIC FILTER

Emission Source/Control: 2DC02 - Control

Control Type: FABRIC FILTER

Emission Source/Control: 2C7OF - Process

Emission Source/Control: 2C7ON - Process

Emission Source/Control: 2CRSH - Process

Emission Source/Control: 2CRWF - Process

Item 61.7:

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

Emission Unit: 0-31000

Process: RM1

Source Classification Code: 3-05-007-12

Process Description:

TRANSFER OF RAW MATERIAL TO RAW MILL 1 USING RAW MILL 1 FEED BELT.

Emission Source/Control: 3M1FB - Process

Item 61.8:

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

Emission Unit: 0-32000

Process: RM2

Source Classification Code: 3-05-007-12

Process Description:

TRANSFER OF RAW MATERIAL TO RAW MILL 2 USING RAW MILL 2 FEED BELT.

Emission Source/Control: 3M2FB - Process



Item 61.9:

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

Emission Unit: 0-41000
Process: CC1 Source Classification Code: 3-05-007-14
Process Description:
CLINKER FROM KILN 1 IS AIR-COOLED IN
CLINKER COOLER 1. PARTICULATE EMISSIONS
ARE CONTROLLED BY A FABRIC FILTER DUST
COLLECTOR. THE CLINKER COOLER IS LOCATED
IN THE KILN DISCHARGE END BUILDING.

Emission Source/Control: 4DC01 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 4CLC1 - Process

Item 61.10:

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

Emission Unit: 0-41000
Process: CC2 Source Classification Code: 3-05-007-14
Process Description:
CLINKER FROM KILN 2 IS AIR-COOLED IN
CLINKER COOLER 2. PARTICULATE EMISSIONS
ARE CONTROLLED BY A FABRIC FILTER DUST
COLLECTOR. THE CLINKER COOLER IS LOCATED
IN THE KILN DISCHARGE END BUILDING.

Emission Source/Control: 4DC02 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 4CLC2 - Process

Item 61.11:

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

Emission Unit: 0-41000
Process: K12 Source Classification Code: 3-05-007-06
Process Description:
MANUFACTURE OF CLINKER BY TWO ROTARY WET
PROCESS KILNS. IN THE WET PROCESS, THE
KILNS ARE PRIMARILY FED A WATER-BASED
SLURRY. THE WATER IS DRIVEN OFF IN THE
KILN AND THE RAW FEED IS CONVERTED TO
CLINKER. PARTICULATE EMISSIONS ARE
CONTROLLED BY TWO ELECTROSTATIC
PRECIPITATOR UNITS, EACH CONSISTING OF TWO
UNITS (LOWER AND UPPER). BOTH ESPS ARE
CONNECTED TO A SINGLE, MAIN STACK (EP
43101).



DURING NORMAL PRODUCTION OPERATION, THE KILNS USE A SOLID FUEL MIXTURE OF COAL AND/OR COKE OR FUEL OIL. WHEN THE KILNS ARE STARTED UP, FUEL OIL IS USED TO PREHEAT THEM BEFORE RESUMING NORMAL PRODUCTION OPERATIONS. SEE SEPARATE PERMIT CONDITION UNDER PART 201-6.5(f) FOR THE PROTOCOL FOR USE OF NON-HAZARDOUS ALTERNATE FUELS AND RAW MATERIALS.

AS A SOLID FUEL, THE KILNS MAY ALSO UTILIZE TIRE-DERIVED-FUEL (TDF) WHICH MAY BE FIRED IN THE KILN THROUGH A MID-KILN INJECTION SYSTEM AND ASSOCIATED CONVEYING AND HANDLING EQUIPMENT. TDF MAY BE USED TO REPLACE UP TO 20% OF THE FOSSIL SOLID FUEL HEAT INPUT (APPROXIMATELY 6 TIRES PER REVOLUTION) FOR EACH OF THE TWO CEMENT KILNS.

TDF WILL NOT BE USED DURING KILN START UP AND SHUT DOWN (START UP AND SHUT DOWN AS DEFINED IN THE FACILITY'S START UP, SHUTDOWN, MALFUNCTION (SSM) PLAN); USAGE WILL BE CEASED DURING MALFUNCTION (MALFUNCTION AS DEFINED IN THE SSM PLAN). THE SSM PLAN SHALL BE REVISED TO ADDRESS TDF FIRING. TDF WILL NOT BE FIRED WITHOUT NYSDEC APPROVAL OF THE REVISED SSM PLAN.

A MIXING FAN WILL BE INSTALLED IN THE KILNS TO AID TDF COMBUSTION.

Emission Source/Control: 4ESP1 - Control
Control Type: ELECTROSTATIC PRECIPITATOR

Emission Source/Control: 4ESP2 - Control
Control Type: ELECTROSTATIC PRECIPITATOR

Emission Source/Control: 4KLN1 - Process

Emission Source/Control: 4KLN2 - Process

Item 61.12:

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

Emission Unit: 0-42000
Process: CKD

Source Classification Code: 3-05-007-99

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Permit ID: 4-0124-00001/00112

Facility DEC ID: 4012400001



Process Description:

LOADOUT OF CEMENT KILN DUST (CKD) FROM THE CKD LOADOUT SPOUT LOCATED IN THE FEED END BUILDING. THE PROCESS IS VENTED THROUGH A 1000 CFM DUST COLLECTOR TO ENABLE LOADING OF ENCLOSED TANKER TRUCKS. THE LOADOUT PROCESS IS LOCATED IN THE FEED END BUILDING.

Emission Source/Control: 4DC12 - Control

Control Type: FABRIC FILTER

Emission Source/Control: 4CLX3 - Process

Item 61.13:

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

Emission Unit: 0-42000

Process: CX1

Source Classification Code: 3-05-007-16

Process Description:

TRANSFER OF CLINKER FROM THE CLINKER TRANSPORT SYSTEMS FOR EACH KILN SYSTEM TO CLINKER SILO 8 AND CLINKER SILO 11 LOCATED IN THE MILL BUILDING.

Emission Source/Control: 4DC03 - Control

Control Type: FABRIC FILTER

Emission Source/Control: 4DC04 - Control

Control Type: FABRIC FILTER

Emission Source/Control: 4FB08 - Process

Emission Source/Control: 4FB11 - Process

Emission Source/Control: 4SL08 - Process

Emission Source/Control: 4SL11 - Process

Item 61.14:

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

Emission Unit: 0-42000

Process: CX2

Source Classification Code: 3-05-007-16

Process Description:

TRANSFER OF CLINKER COOLER 1 VIA CLINKER TRANSPORT SYSTEM 1 AND FROM CLINKER COOLER 2 VIA CLINKER TRANSPORT SYSTEM 2 TO THE FEED BELTS FOR CLINKER SILOS 8 AND 11. CLINKER TRANSPORT SYSTEM 1 IS COMPRISED OF THE EAST BUCKET ELEVATOR (#461206), THE WEST BUC KET ELEVATOR (#461207), THE EAST

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DRAG CONVEYOR (#461208), THE WEST DRAG CONVEYOR (461209) AND THE KILN 1 CLINKER WELL IN THE CLINKER STORAGE HALL. CLINKER TRANSPORT SYSTEM 2 IS COMPRISED OF THE EAST BUCKET ELEVATOR (#462206), THE WEST BUCKET ELEVATOR (#4 62207), THE EAST DRAG CONVEYOR (#462208), THE WEST DRAG CONVEYOR (#462209), THE COLLECTOR DRAG CONVEYOR (#460204) AND THE KILN 2 CLINKER WELL IN THE CLINKER STORAGE HALL. BOTH TRANSPORT SYSTEMS ARE LOCATED IN THE DISCHARGE END BUILDING. THIS PROCESS INC LUDES ALLEVIATORS ON THE KILN 1 AND KILN 2 DISCHARGE END DUST SILOS.

Emission Source/Control: 4DC05 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 4DC06 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 4CLX1 - Process

Emission Source/Control: 4CLX2 - Process

Emission Source/Control: 4K1DS - Process

Emission Source/Control: 4K2DS - Process

Item 61.15:

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

Emission Unit: 0-42000

Process: CX3

Source Classification Code: 3-05-007-16

Process Description:

TRANSFER OF CLINKER TO THE DUST SCOOP SYSTEM #1. CLINKER WILL BE INJECTED INTO THE KILN VIA THE EXISTING DUST SCOOP SYSTEM. TRANSFER POINTS WILL BE VENTED TO A FABRIC FILTER DUST COLLECTOR.

Emission Source/Control: 4DC12 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 4CLX3 - Process

Item 61.16:

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

Emission Unit: 0-42000

Process: DS1

Source Classification Code: 3-05-007-16

Process Description:



TRANSFER OF CEMENT KILN DUST (CKD) TO THE DUST SCOOP STORAGE BIN #1 IN THE FEED END BUILDING AND THEN TO DUST SCOOP TOWER AND TRANSFER SYSTEM #1 WHERE IT IS REINTRODUCED INTO KILN 1. THE DUST SCOOP TOWER IS LOCATED ADJACENT TO KILN 1 AS THE SCOOP SYSTEM IS A DEVICE WHICH INTRODUCES CKD BACK INTO THE HOT SECTION OF THE KILN, BENEATH THE FORMING CLINKER.

Emission Source/Control: 4DC07 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 4DC08 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 4DSB1 - Process

Emission Source/Control: 4DSX1 - Process

Item 61.17:

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

Emission Unit: 0-42000

Process: DS2

Source Classification Code: 3-05-007-16

Process Description:

TRANSFER OF CEMENT KILN DUST (CKD) TO DUST SCOOP STORAGE BIN #2 IN THE FEED END BUILDING AND THEN TO DUST SCOOP TOWER AND TRANSFER SYSTEM #2 WHERE IT IS TO BE REINTRODUCED INTO KILN 2. THE DUST SCOOP SYSTEM #2 WILL BE IDENTICAL IN DESIGN TO DUST SCOOP SYSTEM #1. THIS PROCESS IS CONSIDERED TO BE AN ALTERNATE OPERATING SCENARIO FOR TITLE V PURPOSES AND FURTHER DETAIL IS PROVIDED IN APPENDIX F.

Emission Source/Control: 4DC09 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 4DC10 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 4DSB2 - Process

Emission Source/Control: 4DSX2 - Process

Item 61.18:

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

Emission Unit: 0-42000

Process: PUG

Source Classification Code: 3-05-007-16

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Facility DEC ID: 4012400001



Process Description:

TRANSFER OF CKD TO THE PUG MILL SYSTEM. DUST WILL BE PENUMATICALLY CONVEYED FROM THE DUST WASTE SILO IN THE KILN FEED END BUILDING TO AN INTERMEDIATE DUST STORAGE SILO FOR THE PUG MILL SYSTEM. DUST WILL BE TRANSFERRED FROM THE SILO TO THE PUG MILL VIA AN AIR SLIDE. ALL TRANSFER POINTS ARE CONTROLLED BY A FABRIC FILTER (4DC11). THE PUGMILL'S FUNCTION IS TO PRE-CONDITION THE DUST PRIOR TO REMOVAL.

Emission Source/Control: 4DC11 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 04PUG - Process

Item 61.19:

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

Emission Unit: 0-51000

Process: CM1

Source Classification Code: 3-05-007-17

Process Description:

GRINDING OF CLINKER TO PRODUCE FINISHED PORTLAND CEMENT. THIS PROCESS IS LOCATED IN THE MILL BUILDING.

Emission Source/Control: 5DC02 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 51MIL - Process

Item 61.20:

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

Emission Unit: 0-51000

Process: FX1

Source Classification Code: 3-05-007-16

Process Description:

TRANSFER OF CLINKER TO CEMENT MILL 1 AND THE TRANSFER OF FINISHED CEMENT THROUGH THE CEMENT MILL 1 SYSTEM'S SEPARATOR, BUCKET ELEVATOR, AIRSLIDES, CEMENT COOLER, AND THE HOPPER ABOVE THE FK PUMP WHICH TRANSPORTS IT TO THE CUSTOMER AND BUFFER STORAGE SILOS . THE ENTIRE CEMENT MILL 1 SYSTEM IS CONTAINED IN THE MILL BUILDING.

Emission Source/Control: 5DC01 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 5DC03 - Control
Control Type: FABRIC FILTER

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Emission Source/Control: 51AUX - Process

Emission Source/Control: 51BE1 - Process

Emission Source/Control: 51FBC - Process

Emission Source/Control: 51MHC - Process

Emission Source/Control: 51SEP - Process

Item 61.21:

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

Emission Unit: 0-52000

Process: CM2

Source Classification Code: 3-05-007-17

Process Description:

GRINDING OF CLINKER TO PRODUCE FINISHED
PORTLAND CEMENT. THIS PROCESS IS LOCATED
IN THE MILL BUILDING.

Emission Source/Control: 5DC05 - Control

Control Type: FABRIC FILTER

Emission Source/Control: 52MIL - Process

Item 61.22:

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

Emission Unit: 0-52000

Process: FX2

Source Classification Code: 3-05-007-16

Process Description:

TRANSFER OF CLINKER TO CEMENT MILL 2 AND
THE TRANSFER OF FINISHED CEMENT THROUGH THE
CEMENT MILL 2 SYSTEM'S SEPARATOR, BUCKET
ELEVATOR, AIRSLIDES, CEMENT COOLER, AND THE
HOPPER ABOVE THE FK PUMP WHICH TRANSPORTS
IT TO THE CUSTOMER AND BUFFER STORAGE SILOS
. THE ENTIRE CEMENT MILL 2 SYSTEM IS
CONTAINED IN THE MILL BUILDING.

Emission Source/Control: 5DC04 - Control

Control Type: FABRIC FILTER

Emission Source/Control: 5DC06 - Control

Control Type: FABRIC FILTER

Emission Source/Control: 52AUX - Process

Emission Source/Control: 52BE1 - Process

Emission Source/Control: 52FBH - Process

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Emission Source/Control: 52MHC - Process

Emission Source/Control: 52SEP - Process

Item 61.23:

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

Emission Unit: 0-53000

Process: CM3

Source Classification Code: 3-05-007-17

Process Description:

GRINDING OF CLINKER TO PRODUCE FINISHED
PORTLAND CEMENT. THIS PROCESS IS LOCATED
IN THE MILL BUILDING.

Emission Source/Control: 5DC09 - Control

Control Type: FABRIC FILTER

Emission Source/Control: 53MIL - Process

Item 61.24:

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

Emission Unit: 0-53000

Process: FX3

Source Classification Code: 3-05-007-16

Process Description:

TRANSFER OF CLINKER TO CEMENT MILL 3 AND
THE TRANSFER OF FINISHED CEMENT THROUGH THE
CEMENT MILL 3 SYSTEM'S SEPARATOR, BUCKET
ELEVATOR, AIRSLIDES, CEMENT COOLER, AND THE
HOPPER ABOVE THE FK PUMP WHICH TRANSPORTS
IT TO THE CUSTOMER AND BUFFER STORAGE SILOS
. THE ENTIRE CEMENT MILL 3 SYSTEM IS
CONTAINED IN THE MILL BUILDING

Emission Source/Control: 5DC08 - Control

Control Type: FABRIC FILTER

Emission Source/Control: 5DC10 - Control

Control Type: FABRIC FILTER

Emission Source/Control: 53AS1 - Process

Emission Source/Control: 53AUX - Process

Emission Source/Control: 53BE1 - Process

Emission Source/Control: 53BIN - Process

Emission Source/Control: 53FBC - Process

Emission Source/Control: 53MHC - Process



Emission Source/Control: 53SEP - Process

Item 61.25:

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

Emission Unit: 0-54000

Process: CM4

Source Classification Code: 3-05-007-17

Process Description:

GRINDING OF CLINKER TO PRODUCE FINISHED
PORTLAND CEMENT. THIS PROCESS IS LOCATED
IN THE MILL BUILDING.

Emission Source/Control: 5DC12 - Control

Control Type: FABRIC FILTER

Emission Source/Control: 54MIL - Process

Item 61.26:

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

Emission Unit: 0-54000

Process: FX4

Source Classification Code: 3-05-007-16

Process Description:

TRANSFER OF CLINKER TO CEMENT MILL 4 AND
THE TRANSFER OF FINISHED CEMENT THROUGH THE
CEMENT MILL 4 SYSTEM'S BUCKET ELEVATOR,
AIRSLIDES, CEMENT COOLER, AND THE HOPPER
ABOVE THE FK PUMP WHICH TRANSPORTS IT TO
THE CUSTOMER AND BUFFER STORAGE SILOS. THE
ENTIRE CEMENT MILL 4 SYSTEM IS CONTAINED
IN THE MILL BUILDING.

Emission Source/Control: 5DC11 - Control

Control Type: FABRIC FILTER

Emission Source/Control: 54AUX - Process

Emission Source/Control: 54BE1 - Process

Emission Source/Control: 54FBC - Process

Emission Source/Control: 54MHC - Process

Item 61.27:

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

Emission Unit: 0-54000

Process: FX5

Source Classification Code: 3-05-007-29

Process Description:

SEPARATION BY PARTICLE SIZE OF FINISHED
CEMENT FROM CEMENT MILL 4 BY TWO SEPARATORS

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- CM4 SEPARATOR 1 (SOUTH) AND CM4 SEPARATOR 2 (NORTH). THIS PROCESS ALSO INCLUDES THE AIRSLIDES WHICH CONVEY THE CEMENT TO THE SEPARATORS AS THEY ARE CONTROLLED BY THE SAME DUST COLLECTORS THAT CONTROL PARTICULATE EMISSIONS FOR THE SEPARATORS. THIS PROCESS IS LOCATED IN THE MILL BUILDING.

Emission Source/Control: 5DC13 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 5DC14 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 54SP1 - Process

Emission Source/Control: 54SP2 - Process

Item 61.28:

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

Emission Unit: 0-71000

Process: BAG

Source Classification Code: 3-05-007-19

Process Description:

FILLING OF BAGS OF CEMENT VIA TWO BAGGING MACHINES DESIGNATED AS EAST AND WEST. THE WEST BAGGING MACHINE SYSTEM (EMISSION SOURCE 71WBM) CONSISTS OF A BUCKET ELEVATOR (#630202); A ROTEX SCREEN (#630106); THE SURGE BIN OVER THE BAGGING MACHINE; THE BAGGING MACHINE ITSELF (#630102). THE EAST BAGGING MACHINE SYSTEM (EMISSION SOURCE 71EBM) CONSISTS OF A BUCKET ELEVATOR (#630201); A ROTEX SCREEN (#630105); THE SURGE BIN OVER THE BAGGING MACHINE; THE BAGGING MACHINE (#630101). THIS ENTIRE PROCESS IS LOCATED IN THE PACKHOUSE.

Emission Source/Control: 7DC04 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 7DC05 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 71EBM - Process

Emission Source/Control: 71WBM - Process

Item 61.29:

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

Emission Unit: 0-71000



Process: CL1 Source Classification Code: 3-05-007-19

Process Description:

LOADOUT OF FINISHED CEMENT FROM CUSTOMER SILOS TO TRUCKS VIA THE NORTH LOADING SPOUT AND UNLOADING OF PRODUCTS FROM RAILCARS TO THE CUSTOMER SILOS. THIS INCLUDES TRANSPORT OF FINISHED PRODUCT TO THE LOADING SPOUT VIA THE NORTH REVERSIBLE CONVEYOR. THE SPOUT AND CONVEYOR ARE LOCATED IN THE CUSTOMER SILO AREA OF THE FACILITY.

Emission Source/Control: 61CS4 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 7DC01 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 71NRC - Process

Emission Source/Control: 71NTL - Process

Item 61.30:

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

Emission Unit: 0-71000

Process: CL2 Source Classification Code: 3-05-007-19

Process Description:

LOADOUT OF FINISHED CEMENT FROM CUSTOMER SILOS TO TRUCKS VIA THE SOUTH LOADING SPOUT. THIS INCLUDES TRANSPORT OF FINISHED PRODUCT TO THE LOADING SPOUT VIA THE SOUTH REVERSIBLE CONVEYOR AND SCREW CONVEYOR TO THE SPOUT. THE SPOUT AND CONVEYORS ARE LOCATED IN THE CUSTOMER SILO AREA OF THE FACILITY.

Emission Source/Control: 7DC02 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 71SRC - Process

Emission Source/Control: 71STL - Process

Item 61.31:

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

Emission Unit: 0-71000

Process: CL3 Source Classification Code: 3-05-007-19

Process Description:

LOADOUT OF FINISHED CEMENT FROM CUSTOMER SILOS TO RAILCARS VIA TWO LOADING SPOUTS



AND UNLOADING OF PRODUCT FROM RAILCARS TO THE CUSTOMER SILOS. THIS INCLUDES TRANSPORT OF FINISHED PRODUCT TO THE LOADOUT SPOUTS VIA THE NORTH AND SOUTH REVERSIBLE CONVEYORS. THE SPOUTS AND CONVEYORS ARE LOCATED IN THE CUSTOMER SILO AREA OF THE FACILITY.

Emission Source/Control: 7DC03 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 71NRC - Process

Emission Source/Control: 71RRL - Process

Emission Source/Control: 71SRC - Process

Item 61.32:

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

Emission Unit: 0-71000

Process: CS1

Source Classification Code: 3-05-007-19

Process Description:

Transfer of cement into the customer silos. this process is vented by a total of five dust collectors located on top of the customer silos.

Emission Source/Control: 61CS4 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 6DC01 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 6DC02 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 6DC03 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 6DC04 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 6DC05 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 61CS1 - Process

Emission Source/Control: 61CS2 - Process

Emission Source/Control: 61CS3 - Process

Emission Source/Control: 61CS5 - Process



Item 61.33:

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

Emission Unit: 0-71000
Process: CX4 Source Classification Code: 3-05-007-19
Process Description:
Transfer of cement into the customer silos. This process is vented by a total of 5 dust collectors located on the top of the customer silos.

Emission Source/Control: 6DC01 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 6DC02 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 6DC03 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 6DC04 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 6DC05 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 61CS1 - Process

Emission Source/Control: 61CS2 - Process

Emission Source/Control: 61CS3 - Process

Emission Source/Control: 61CS5 - Process

Item 61.34:

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

Emission Unit: 0-71000
Process: PBS Source Classification Code: 3-05-007-99
Process Description:
SHREDDING OF REJECT BAGS FROM THE BAG MACHINE SYSTEMS. PARTICULATE EMISSIONS FROM THIS PROCESS ARE CONTROLLED BY A BAGHOUSE.

Emission Source/Control: 7DC06 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 71BSH - Process

Item 61.35:

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



Emission Unit: 0-71000
Process: PVC Source Classification Code: 3-05-007-99
Process Description:
VACUUM FOR CLEANUP OF PACKHOUSE AREA.
PARTICULATE EMISSIONS FROM THE VACUUM ARE
CONTROLLED BY A SMALL BAGHOUSE.

Emission Source/Control: 7DC07 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 71PVC - Process

Item 61.36:

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

Emission Unit: 0-72000
Process: BS1 Source Classification Code: 3-05-007-19
Process Description:
Transfer of cement into the buffer silos. There are a
total of 6 silos, each with a dust collector that vent to
the atmosphere through a total of three emission points.

Emission Source/Control: 6DC06 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 6DC07 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 6DC08 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 6DC09 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 6DC10 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 6DC11 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 62BS1 - Process

Emission Source/Control: 62BS3 - Process

Emission Source/Control: 62BS5 - Process

Item 61.37:

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

Emission Unit: 0-72000
Process: CMX Source Classification Code: 3-05-007-16



Process Description:

TRANSFER OF FINISHED CEMENT BETWEEN THE BUFFER AND CUSTOMER SILOS AND FROM THE SILOS TO THE WHARF AREA FOR BARGE SHIPMENT. THE TRANSFER BETWEEN THE BUFFER AND CUSTOMER SILOS (EMISSION SOURCE 72XFR) CONSISTS OF AN AIRSLIDE, THE NORTHWEST REVERSIBLE CONVEYOR AND TRANSFER INTO A HOPPER OVER A CEMENT PUMP (#620501). PARTICULATE EMISSIONS FROM ALL TRANSFER POINTS ARE CONTROLLED BY BAGHOUSES. THE TRANSFER BETWEEN THE BUFFER AND CUSTOMER SILOS IS LOCATED AT THE NORTH END OF THE BUFFER SILOS, AND THE LOAD POINT FOR BELT 8A IS AT THE SOUTH END OF THE BUFFER SILOS. THE TRANSFER POINTS BETWEEN BELTS 8A AND 8B AND BETWEEN BELTS 8B AND 9 OCCUR AT TRANSFER HOUSES BETWEEN THE BELTS GOING DOWN TO THE WHARF AREA.

Emission Source/Control: 7DC08 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 7DC09 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 7DC10 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 7DC11 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 728AB - Process

Emission Source/Control: 728B9 - Process

Emission Source/Control: 72B8A - Process

Emission Source/Control: 72XFR - Process

Item 61.38:

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

Emission Unit: 0-72000

Process: CX5

Source Classification Code: 3-05-007-18

Process Description:

Transfer of cement into the buffer silos. This process is vented by a total of 6 dust collectors. Each dust collector exhaust combines with the adjacent collector to make a total of 3 emission points.

Emission Source/Control: 6DC06 - Control



Control Type: FABRIC FILTER

Emission Source/Control: 6DC07 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 6DC08 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 6DC09 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 6DC10 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 6DC11 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 62BS1 - Process

Emission Source/Control: 62BS3 - Process

Emission Source/Control: 62BS5 - Process

Item 61.39:

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

Emission Unit: 0-73000
Process: KCM Source Classification Code: 3-05-007-16
Process Description:
TRANSFER OF K-CEMENT SHIPPED IN BY
RAILCARS AND STORED IN TWO DEDICATED BERTHA
TANKS.

Emission Source/Control: 7DC12 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 73KCM - Process

Item 61.40:

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

Emission Unit: 0-90000
Process: PCR Source Classification Code: 3-05-007-09
Process Description:
PRIMARY CRUSHING OF CALCIUM SOURCES (E.G.,
LIMESTONE) USED IN CEMENT MANUFACTURE.

Emission Source/Control: 9DC01 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 9DC02 - Control
Control Type: FABRIC FILTER

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Facility DEC ID: 4012400001



Emission Source/Control: 09PCB - Process

Emission Source/Control: 09PCD - Process

Item 61.41:

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

Emission Unit: 1-00000

Process: CMB

Source Classification Code: 3-05-007-16

Process Description:

TRANSFER OF FINISHED CEMENT FROM BELT 9 TO
BARGES LOCATED IN THE WHARF AREA.

Emission Source/Control: 10DC1 - Control

Control Type: FABRIC FILTER

Emission Source/Control: 109BG - Process

Condition 62: Reporting Requirements

Effective between the dates of 09/13/2010 and 09/12/2015

Applicable Federal Requirement:40CFR 63.1354, Subpart LLL

Item 62.1:

(this space used for Emission Unit)

Item 62.2:

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

Condition 63: Part 63 General Provisions requirements

Effective between the dates of 09/13/2010 and 09/12/2015

Applicable Federal Requirement:40CFR 63.1342, Subpart LLL

Item 63.1:

This Condition applies to Emission Unit: 0-41000

Item 63.2:

Owners or operators of affected sources subject to 40CFR63 Subpart LLL must also comply with the requirements of Subpart A of Part 63, according to the applicability of Subpart A to such sources, as identified in Table 1 of Subpart LLL. Subpart A is the General Provisions for the NESHAP for Source Categories regulations. The General Provisions contain requirements for performance testing, monitoring, notification, recordkeeping, reporting, and control devices that may apply to the source.

Condition 64: Compliance Certification

Effective between the dates of 09/13/2010 and 09/12/2015

Applicable Federal Requirement:40CFR 63.1345(a)(1), Subpart LLL

Item 64.1:

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The Compliance Certification activity will be performed for:

Emission Unit: 0-41000

Regulated Contaminant(s):

CAS No: ONY075-00-0 PARTICULATES

Item 64.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No owner or operator of a new or existing clinker cooler at a facility which is a major source subject to Subpart LLL shall cause to be discharged into the atmosphere from the clinker any gases which contain particulate matter in excess of 0.10 pounds per ton of feed (0.05 kg/MG) to the kiln. Emissions testing is required initially and every 5 years thereafter.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.10 pounds per ton

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 65: Compliance Certification

Effective between the dates of 09/13/2010 and 09/12/2015

Applicable Federal Requirement:40CFR 63.1345(a)(2), Subpart LLL

Item 65.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-41000

Item 65.2:

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 a new or existing clinker cooler at a facility which is a major source subject to Subpart LLL shall cause to be discharged into the atmosphere any gases which exhibit opacity greater than 10 percent.

Parameter Monitored: OPACITY

Upper Permit Limit: 10 percent

Monitoring Frequency: CONTINUOUS

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Averaging Method: 6 MINUTE AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2011.
Subsequent reports are due every 6 calendar month(s).

Condition 66: Monitoring requirements - clinker cooler
Effective between the dates of 09/13/2010 and 09/12/2015

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

Item 66.1:
This Condition applies to Emission Unit: 0-41000

Item 66.2:
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 67: Monitoring Requirements - Clinker Cooler
Effective between the dates of 09/13/2010 and 09/12/2015

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

Item 67.1:
This Condition applies to Emission Unit: 0-41000

Item 67.2:
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 10 percent. If the average opacity for any 6-minute block period exceeds 10 percent, this shall constitute a violation of the standard.

Condition 68: Monitoring requirements - D/F emission limit: Kiln
Effective between the dates of 09/13/2010 and 09/12/2015

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

Item 68.1:
This Condition applies to Emission Unit: 0-41000

Item 68.2:
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 69: Process Permissible Emissions
Effective between the dates of 09/13/2010 and 09/12/2015



Applicable Federal Requirement:6 NYCRR 201-7.1

Item 69.1:

The sum of emissions from the regulated process cited shall not exceed the following Potential to Emit (PTE) rates for each regulated contaminant:

Emission Unit: 0-41000 Process: K12

CAS No: 007446-09-5
Name: SULFUR DIOXIDE
PTE(s): 23,000,000 pounds per year

CAS No: 0NY210-00-0
Name: OXIDES OF NITROGEN
PTE(s): 7,500,000 pounds per year

**Condition 70: Capping Monitoring Condition
Effective between the dates of 09/13/2010 and 09/12/2015**

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 70.1:

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

40 CFR 52.21

Item 70.2:

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

Item 70.3:

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

Item 70.4:

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

Item 70.5:

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

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the Act.

Item 70.6:

The Compliance Certification activity will be performed for:

Emission Unit: 0-41000
Process: K12

Emission Point: 43101

Regulated Contaminant(s):
CAS No: 000630-08-0 CARBON MONOXIDE

Item 70.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The CEMS data during the first 10 years after firing of TDF (beginning 180 days after first firing of TDF as required by 40 CFR 52 A 21(r)(6)(iii)) shall be used to determine if there is a major modification (see definition in 40 CFR 52 A 21 (b)(2)). The net emission increase (see definition in 40 CFR 52 A 21 (b)(3)) resulting from the firing of TDF shall remain less than the upper limit shown below and therefore shall not be significant, thus there shall not be a major modification. Reporting shall be annually and shall comply with 40 CFR 52 A 21(r)(6)(v).

Manufacturer Name/Model Number: not available

Upper Permit Limit: 1081 tons per year

Reference Test Method: 40 CFR 60, B, PS-4

Monitoring Frequency: CONTINUOUS

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2011.

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

Condition 71: Capping Monitoring Condition
Effective between the dates of 09/13/2010 and 09/12/2015

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 71.1:

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

40 CFR 52.21

Item 71.2:



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

Item 71.3:

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

Item 71.4:

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

Item 71.5:

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

Item 71.6:

The Compliance Certification activity will be performed for:

Emission Unit: 0-41000 Emission Point: 43101
Process: K12

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

Item 71.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Lafarge must comply with Federal Consent Decree 3:10-cv-00044-JPG-CJP. This condition incorporates the 3,750 ton NOx cap from Paragraph 17 and the continuous emission monitoring requirements from Paragraphs 45-48 of the Decree.

Lafarge must achieve and maintain compliance with a facility wide twelve month rolling tonnage limit of 3,750 tons of nitrogen oxides by October 1, 2012. A nitrogen oxides continuous emissions monitor installed on the kiln stack must measure emissions at all times one or both kilns are in operation. When the monitor is not available due to calibration or malfunction, methods contained in 40 CFR 75 Subpart D must be used to generate substitute

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nitrogen oxides emission data.

Manufacturer Name/Model Number: not available

Upper Permit Limit: 3750 tons per year

Reference Test Method: 40 CFR 60, B, PS-2

Monitoring Frequency: CONTINUOUS

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2011.

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

Condition 72: Capping Monitoring Condition
Effective between the dates of 09/13/2010 and 09/12/2015

Applicable Federal Requirement: 6 NYCRR 201-7.1

Item 72.1:

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

40 CFR 52.21

Item 72.2:

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

Item 72.3:

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

Item 72.4:

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

Item 72.5:

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

Item 72.6:

The Compliance Certification activity will be performed for:

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Emission Unit: 0-41000
Process: K12

Emission Point: 43101

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

Item 72.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Lafarge must comply with Federal Consent Decree 3:10-cv-00044-JPG-CJP. This condition incorporates the 11,500 ton SO₂ cap from Paragraph 55 and the continuous emission monitoring requirements from Paragraphs 78-81 of the Decree.

Lafarge must achieve and maintain compliance with a facility wide twelve month rolling tonnage limit of 11,500 tons of sulfur dioxide by January 1, 2011. A sulfur dioxide continuous emissions monitor installed on the kiln stack must measure emissions at all times one or both kilns are in operation. When the monitor is not available due to calibration or malfunction, methods contained in 40 CFR 75 Subpart D must be used to generate substitute sulfur dioxide emission data.

Manufacturer Name/Model Number: not available

Upper Permit Limit: 11500 tons per year

Reference Test Method: 40 CFR 60, B, PS-2

Monitoring Frequency: CONTINUOUS

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2011.

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

Condition 73: Compliance Certification

Effective between the dates of 09/13/2010 and 09/12/2015

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 73.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-41000
Process: K12

Emission Point: 43101

Regulated Contaminant(s):
CAS No: 0NY210-00-0 OXIDES OF NITROGEN
CAS No: 0NY998-00-0 VOC

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Item 73.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A 3 run stack test shall be performed for the listed contaminants within 180 days of first firing TDF. Unless TDF testing for both kilns is completed within 180 days of first firing of TDF in the 1st kiln using TDF, a second 3 run stack test shall be performed for the same listed contaminants within 180 days of first TDF firing in the 2nd kiln . Plant operating data including coal and tire usage and kiln feed input and clinker output shall be collected. See separate permit conditions under Part 202-1.2 concerning notification and protocol submittal and under Part 202-1.3 concerning acceptable protocols and report submittal.

After the test report is completed, the results shall be compared with the baseline stack test to project if it is expected that the Net Emission Increase (see definition in Part 231-2.1) is greater than Significant Net Emission Increase Threshold (see table in Part 231-2.12).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 74: Compliance Certification
Effective between the dates of 09/13/2010 and 09/12/2015

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 74.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-41000
Process: K12

Emission Point: 43101

Regulated Contaminant(s):

- | | |
|---------------------|-------------------------------------|
| CAS No: 000050-00-0 | FORMALDEHYDE |
| CAS No: 000071-43-2 | BENZENE |
| CAS No: 000074-82-8 | METHANE |
| CAS No: 000075-01-4 | VINYL CHLORIDE |
| CAS No: 000075-07-0 | ACETALDEHYDE |
| CAS No: 000107-02-8 | ACROLEIN |
| CAS No: 001336-36-3 | POLYCHLORINATED BIPHENYL |
| CAS No: 001746-01-6 | 2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN |
| CAS No: 007439-92-1 | LEAD |
| CAS No: 007439-96-5 | MANGANESE |

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CAS No: 007439-97-6	MERCURY
CAS No: 007440-22-4	SILVER
CAS No: 007440-28-0	THALLIUM
CAS No: 007440-36-0	ANTIMONY
CAS No: 007440-38-2	ARSENIC
CAS No: 007440-39-3	BARIUM
CAS No: 007440-41-7	BERYLLIUM
CAS No: 007440-43-9	CADMIUM
CAS No: 007440-47-3	CHROMIUM
CAS No: 007440-48-4	COBALT
CAS No: 007440-50-8	COPPER
CAS No: 007440-62-2	VANADIUM
CAS No: 007440-66-6	ZINC
CAS No: 007446-09-5	SULFUR DIOXIDE
CAS No: 007647-01-0	HYDROGEN CHLORIDE
CAS No: 007664-39-3	HYDROGEN FLUORIDE
CAS No: 007664-41-7	AMMONIA
CAS No: 007782-49-2	SELENIUM
CAS No: 0NY059-28-0	NICKEL (NI 059)
CAS No: 0NY075-00-5	PM-10
CAS No: 0NY210-00-0	OXIDES OF NITROGEN
CAS No: 018540-29-9	CHROMIUM(VI)
CAS No: 0NY075-00-0	PARTICULATES

Item 74.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A 3 run stack test shall be performed for the listed contaminants within 180 days of first firing TDF in accordance with 40 CFR 52 A 21(b)(3)(viii). Unless TDF testing for both kilns is completed within 180 days of first firing of TDF in the 1st kiln using TDF, a second 3 run stack test shall be performed for the same listed contaminants within 180 days of first TDF firing in the 2nd kiln. Plant operating data including coal and tire usage and kiln feed input and clinker output shall be collected. See separate permit conditions under Part 202-1.2 concerning notification and protocol submittal and under Part 202-1.3 concerning acceptable protocols and report submittal.

Additionally, testing shall be performed for: total non-methane hydrocarbons and PAHs.

The PCB testing shall include simultaneous comparison tests for PCDD/PCDF and PCBs.

After the test report is completed, the results for SO₂, PM, PM-10, lead, fluorides shall all be compared with the baseline stack test to project if a major modification



(see definition in 40 CFR 52 A 21 (b)(2)) is expected.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 75: Compliance Certification
Effective between the dates of 09/13/2010 and 09/12/2015

Applicable Federal Requirement:40CFR 52.21(r), Subpart A

Item 75.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-41000 Emission Point: 43101
Process: K12

Regulated Contaminant(s):
CAS No: 000630-08-0 CARBON MONOXIDE

Item 75.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Records shall be maintained of any periods when the CEMS is inoperative. A CEMS performance report shall be submitted semi-annually (the format of 40 CFR 60 A 7(d) will be used). A file shall be maintained of CEMS measurements, calibrations, audits, adjustments and maintenance.

A CEMS Design and Installation Plan shall be submitted concurrently with the certification test protocol. The existing CEMS Quality Assurance (QA) Plan shall be updated with carbon monoxide monitor QA information and submitted to the Department within 60 days of submittal of the CEM certification report. Air Guide 34, dated 04/01/95, shall be used in preparing these plans.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 76: Compliance Certification
Effective between the dates of 09/13/2010 and 09/12/2015

Applicable Federal Requirement:40CFR 52.21(r), Subpart A

Item 76.1:

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The Compliance Certification activity will be performed for:

Emission Unit: 0-41000

Emission Point: 43101

Process: K12

Regulated Contaminant(s):

CAS No: 000630-08-0

CARBON MONOXIDE

Item 76.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

A Continuous Emissions Monitoring System (CEMS) which measures Carbon Monoxide emissions shall be installed, calibrated, maintained and continuously operated to meet the requirements of 40 CFR 60, Subpart A; 40 CFR 60, Appendix B, Performance Specification 4; and 40 CFR 60 Appendix F. See separate permit conditions under Part 202-1.2 concerning notification and protocol submittal and under Part 202-1.3 concerning acceptable protocols and report submittal.

The CEMS shall be certified at least 90 days prior to firing of TDF.

See the monitoring description of the 40 CFR 52 A 21 capping permit condition for an explanation of the upper limit below.

Manufacturer Name/Model Number: not available

Upper Permit Limit: 99 tons per year

Reference Test Method: 40 CFR 60, B, PS-4

Monitoring Frequency: CONTINUOUS

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2011.

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

Condition 77: Compliance Certification

Effective between the dates of 09/13/2010 and 09/12/2015

Applicable Federal Requirement: 40CFR 63.10(e)(3)(i), Subpart A

Item 77.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-41000

Emission Point: 43101

Process: K12



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

Item 77.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A monthly kiln stack opacity excess emissions report shall be submitted. This report does not include the CEMS performance report which is a separate report submitted quarterly. The report shall include the items referenced in 40 CFR 63 A 10 (e)(3)(v). These items are: 40 CFR 63 A 10 (c)(7), (c)(8), (c)(10), (c)(11), (c)(13). These items do not include the CEMS items.

(c)(7): The specific ID (ie, the date and time of commencement and completion) of each period of excess opacity that occurs during start ups, shutdowns, and malfunctions.

(c)(8): The specific ID (ie, the date and time of commencement and completion) of each period of excess opacity that occurs during periods other than start ups, shutdowns, and malfunctions.

(c)(10): The nature and cause of any malfunction (if known).

(c)(11): The corrective action taken or preventive measures adopted.

(c)(13): The total process operating time during the month.

Monitoring Frequency: MONTHLY
Reporting Requirements: MONTHLY (CALENDAR)
Reports due 20 days after the reporting period.
The initial report is due 10/20/2010.
Subsequent reports are due every 1 calendar month(s).

Condition 78: Compliance Certification
Effective between the dates of 09/13/2010 and 09/12/2015

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

Item 78.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-41000 Emission Point: 43101
Process: K12

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

Item 78.2:

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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 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 thereafter.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.30 pounds per ton

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 79: Compliance Certification
Effective between the dates of 09/13/2010 and 09/12/2015

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

Item 79.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-41000

Emission Point: 43101

Process: K12

Regulated Contaminant(s):

CAS No: 001746-01-6

2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN

Item 79.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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 0.20 ng per dry standard cubic meter (TEQ) corrected to 7% oxygen; or 0.40 ng per dry standard cubic meter (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 deg C (400 deg F) or less.

Performance tests shall be performed as per 40 CFR 63.1349(b)(3) and shall be repeated every 30 months.

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Upper Permit Limit: .20 nanograms per dry standard cubic meter (corrected to 7% O₂)

Reference Test Method: Method 23

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 80: Compliance Certification
Effective between the dates of 09/13/2010 and 09/12/2015

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

Item 80.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-41000

Emission Point: 43101

Process: K12

Item 80.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Existing kilns and in-line kilns/raw mills must implement good combustion practices (GCP) designed to minimize THC from fuel combustion. GCP include training all operators and supervisors to operate and maintain the kiln and calciner, and the pollution control systems in accordance with good engineering practices. The training shall include methods for minimizing excess emissions. A list of personnel that have completed required training and certifications shall be available for review upon request.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 81: Compliance Certification
Effective between the dates of 09/13/2010 and 09/12/2015

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

Item 81.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-41000

Emission Point: 43101

Process: K12

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Item 81.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

No kiln and in-line kiln/raw mill may use as a raw material or fuel any fly ash where the mercury content of the fly ash has been increased through the use of activated carbon, or any other sorbent unless the facility can demonstrate that the use of that fly ash will not result in an increase in mercury emissions over baseline emissions (i.e. emissions not using the fly ash). The facility has the burden of proving there has been no emissions increase over baseline. Fly ash certification records shall be maintained on site and available for review.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 82: Product quality

Effective between the dates of 09/13/2010 and 09/12/2015

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

Item 82.1:

This Condition applies to Emission Unit: 0-41000 Emission Point: 43101

Process: K12

Item 82.2:

All kilns and in-line kilns/raw mills must remove (i.e. not recycle to the kiln) from the kiln system sufficient cement kiln dust to maintain the desired product quality

Condition 83: Performance test requirements - change in operations

Effective between the dates of 09/13/2010 and 09/12/2015

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

Item 83.1:

This Condition applies to Emission Unit: 0-41000 Emission Point: 43101

Process: K12

Item 83.2:

If a source plans to undertake a change in operations that may adversely affect compliance with an applicable D/F standard under Subpart LLL, the source must conduct a performance test and establish new temperature limits as specified in §63.1349(b)(3).

If a source plans to undertake a change in operations that may adversely affect compliance with an applicable PM standard under Subpart LLL, the source must conduct a performance test and establish new temperature limits as specified in §63.1349(b)(1).

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In preparation for and while conducting a D/F performance test required in this condition, a source may operate under the planned operational change conditions for a period not to exceed 360 hours, provided that the following conditions:

- the source shall submit temperature and other monitoring data that are recorded during the pretest operations
- the source must provide the EPA and NYSDEC written notice at least 60 days prior to undertaking an operational change that may adversely affect compliance with an applicable standard under Subpart LLL, or as soon as practicable where 60 days advance notice is not feasible. This notice shall include a description of the planned change, the emissions standards that may be affected by the change, and a schedule for completion of the performance test, including when the operational change would begin
- the performance test results must be documented in a test report according to §63.1349(a)
- a test plan must be made available to EPA and NYSDEC prior to testing, if requested
- the performance test must be conducted, and it must be completed within 360 hours after the planned operational change period begins



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

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

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

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

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

STATE ONLY APPLICABLE REQUIREMENTS
The following conditions are state applicable requirements and are not subject to compliance certification requirements unless otherwise noted or required under 6 NYCRR Part 201.

Condition 84: Contaminant List
Effective between the dates of 09/13/2010 and 09/12/2015

Applicable State Requirement:ECL 19-0301

Item 84.1:
Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 000050-00-0
Name: FORMALDEHYDE

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CAS No: 000071-43-2

Name: BENZENE

CAS No: 000074-82-8

Name: METHANE

CAS No: 000075-01-4

Name: VINYL CHLORIDE

CAS No: 000075-07-0

Name: ACETALDEHYDE

CAS No: 000107-02-8

Name: ACROLEIN

CAS No: 000630-08-0

Name: CARBON MONOXIDE

CAS No: 001336-36-3

Name: POLYCHLORINATED BIPHENYL

CAS No: 001746-01-6

Name: 2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN

CAS No: 007439-92-1

Name: LEAD

CAS No: 007439-96-5

Name: MANGANESE

CAS No: 007439-97-6

Name: MERCURY

CAS No: 007440-22-4

Name: SILVER

CAS No: 007440-28-0

Name: THALLIUM

CAS No: 007440-36-0

Name: ANTIMONY

CAS No: 007440-38-2

Name: ARSENIC

CAS No: 007440-39-3

Name: BARIUM

CAS No: 007440-41-7

Name: BERYLLIUM

CAS No: 007440-43-9

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Name: CADMIUM

CAS No: 007440-47-3

Name: CHROMIUM

CAS No: 007440-48-4

Name: COBALT

CAS No: 007440-50-8

Name: COPPER

CAS No: 007440-62-2

Name: VANADIUM

CAS No: 007440-66-6

Name: ZINC

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

CAS No: 007647-01-0

Name: HYDROGEN CHLORIDE

CAS No: 007664-39-3

Name: HYDROGEN FLUORIDE

CAS No: 007664-41-7

Name: AMMONIA

CAS No: 007782-49-2

Name: SELENIUM

CAS No: 018540-29-9

Name: CHROMIUM(VI)

CAS No: 0NY059-28-0

Name: NICKEL (NI 059)

CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 0NY075-00-5

Name: PM-10

CAS No: 0NY100-00-0

Name: HAP

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

CAS No: 0NY998-00-0

Name: VOC



Condition 85: Unavoidable noncompliance and violations
Effective between the dates of 09/13/2010 and 09/12/2015

Applicable State Requirement:6 NYCRR 201-1.4

Item 85.1:

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

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

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

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

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

(e) In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific

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federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets.

Condition 86: Air pollution prohibited
Effective between the dates of 09/13/2010 and 09/12/2015

Applicable State Requirement:6 NYCRR 211.2

Item 86.1:

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

Condition 87: Compliance Demonstration
Effective between the dates of 09/13/2010 and 09/12/2015

Applicable State Requirement:6 NYCRR 211.2

Item 87.1:

The Compliance Demonstration activity will be performed for the Facility.

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

Item 87.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility shall comply with all of the plant-wide control methods and the contingency measures of its Fugitive Dust Control Plan (FDCP) 2010 Revision.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2011.

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

Condition 89: Compliance Demonstration
Effective between the dates of 09/13/2010 and 09/12/2015

Applicable State Requirement:6 NYCRR 220-1.4 (c)

Item 89.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):



CAS No: 0NY075-00-0 PARTICULATES

Item 89.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The "Lafarge Ravenna Plant Fugitive Dust Plan", 2010
Revision shall be implemented.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 88: Compliance Demonstration
Effective between the dates of 09/13/2010 and 09/12/2015

Applicable State Requirement:6 NYCRR 220-1.4 (c)

Item 88.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 88.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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.

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 90: Compliance Demonstration
Effective between the dates of 09/13/2010 and 09/12/2015

Applicable State Requirement:6 NYCRR 220-1.6 (b) (1)

Item 90.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: 0-41000

Emission Point: 43101

Process: K12

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

Item 90.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

NOx emissions limited. The NOx limit supplements the facility's existing NOx compliance strategy which includes the Linkman system, which together with this limit, is approved as RACT. Compliance to be determined in 1 hour sequential blocks (24 values per day).

Manufacturer Name/Model Number: Hartman & Braun model URAS 14; serial number 3.249611.3

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 2600 pounds per hour

Reference Test Method: USEPA Method 7E

Monitoring Frequency: CONTINUOUS

Averaging Method: 1 HOUR MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2011.

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

Condition 91: Compliance Demonstration
Effective between the dates of 09/13/2010 and 09/12/2015

Applicable State Requirement:6 NYCRR 220-1.6 (b) (1)

Item 91.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: 0-41000 Emission Point: 43101
Process: K12

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

Item 91.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

NOx emissions limited during for the production of low-alkali or BWS clinker. The NOx limit supplements the facility's existing NOx compliance strategy which includes the Linkman system, which together with this limit, is approved as RACT. Compliance to be determined in 1-hour

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sequential blocks (24 values per day).

Manufacturer Name/Model Number: Hartman & Braun model URAS 14; serial number 2150520701

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 3340 pounds per hour

Reference Test Method: USEPA Method 7E

Monitoring Frequency: CONTINUOUS

Averaging Method: 1 HOUR MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2011.

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

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

Condition 92: Compliance Demonstration
Effective between the dates of 09/13/2010 and 09/12/2015

Applicable State Requirement: 6 NYCRR 212.9

Item 92.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-41000

Regulated Contaminant(s):

CAS No: 007439-97-6 MERCURY

Item 92.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Kiln emissions of mercury compounds from this facility, which include elemental mercury, oxidized mercury, and particle bound mercury, have been assigned an A rating under the criteria in Table 1 of Section 212.9. The A rating removes mercury compounds from Part 220 applicability as provided in Subdivision 212.7(b). The degree of air cleaning required for A rated emissions is found in Table 2 of Section 212.9.

Twelve month rolling total mercury emission limit total must be calculated based on the sampling results and throughput records, provided for in this permit, and must not exceed 176 pounds. Reports demonstrating compliance with the limit must be submitted as part of the facility's



regular semiannual report.

Lafarge has submitted an application to the Department to construct a new kiln to replace the existing kilns at their Ravenna facility. During the application review period, Lafarge must continue to comply with the 176 pound twelve month rolling total mercury emission limit.

If the Department issues a permit to Lafarge for construction of a new Kiln at the Ravenna facility and Lafarge commences construction of the new kiln within 12 months of permit issuance, Lafarge must continue to comply with the 176 pound twelve month rolling total mercury emission limit during the time the new kiln is under construction and for the first 180 days of operation of the new kiln. Best Available Control Technology and continuous mercury emissions monitoring will not be required on the existing kilns during the construction period, which must not exceed 42 months, and for the first 180 days of operation of the new kiln. The existing kilns must be shut down within 180 days after the new kiln commences operation.

If the Department denies a permit application for construction of a new kiln at the Ravenna Facility, Lafarge must either (1) submit an application to modify the Title V permit for the existing kilns, install and operate Selective NonCatalytic Reduction (SNCR) nitrogen oxides control on the existing kilns by July 1, 2014, install and operate wet Flue Gas Desulphurization (FGD) scrubber control equipment on the existing kilns by January 1, 2015, and install and operate continuous mercury emission monitoring on the kiln stack by January 1, 2015, or (2) shut down the existing kilns within 12 months after the date of the permit denial or by July 1, 2013, whichever is earlier. Lafarge must comply with the 176 pound twelve month rolling total mercury emissions limit until the kilns are shut down or new control equipment is installed.

If the Department issues a permit for construction of a new kiln at the Ravenna facility, but Lafarge does not commence construction of a new kiln within 12 months of permit issuance, or Lafarge commences and later suspends construction, Lafarge must either (1) submit an application to modify the Title V permit, install and operate Selective NonCatalytic Reduction nitrogen oxides control on the existing kilns within 36 months of permit issuance, install and operate a wet FGD scrubber on the existing kilns within 48 months of permit issuance, and install and operate a continuous mercury emissions monitoring system within 48 months of permit issuance, or

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(2) shut down the existing kilns by July 1, 2012 or 18 months after permit issuance, whichever is earlier. Lafarge must comply with the 176 pound twelve month rolling total mercury emissions limit until the existing kilns are shut down or the new control equipment is installed and become operational.

Parameter Monitored: MERCURY

Upper Permit Limit: 176 pounds per year

Reference Test Method: EPA Methods 7471B,7473,7474,3502,1631E or D2216

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2011.

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

Condition 93: Compliance Demonstration
Effective between the dates of 09/13/2010 and 09/12/2015

Applicable State Requirement:6 NYCRR 212.11

Item 93.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-41000

Regulated Contaminant(s):

CAS No: 007439-97-6 MERCURY

Item 93.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

The permittee shall determine mercury emissions for Kilns 1 and 2 on a rolling 12-month basis, using the material balance method, and maintain these records for the purpose of determining compliance with the mercury emission limit as follows:

a. Samples of the kiln slurry feed, wasted cement kiln dust (CKD), coal, and coke shall be collected during normal operating conditions at least five days each week in accordance with the sampling and analysis protocol approved by the Department.

b. Samples of each material shall be composited and analyzed to determine the total monthly mercury



concentration of the materials being processed.

c. The methods used to determine mercury concentration shall be EPA Method 3052, EPA Method 1631E, EPA Method D2216, EPA Method 7471B (coal only), or EPA Method 7473 or EPA Method 7474 via a NYS-DOH certified laboratory. No other methods may be used unless prior written approval is received from the Department.

d. For each material sampled, the monthly mercury throughput rate (pounds per month) shall be the product of the total monthly mercury concentration for the month and the mass of material used during the month.

e. The permittee shall have the option of collecting, analyzing and calculating the mercury leaving the process via the clinker.

f. For each month, the mass of mercury emitted from the pyroprocessing system (pounds per month) shall be the sum of the monthly mercury throughput rate for slurry, coal, and coke minus the amounts in the clinker and permanently withdrawn cement kiln dust, if any. The consecutive 12-month mercury emission rate shall be the sum of the individual monthly records for the current month and the preceding eleven months (pounds of mercury per consecutive 12-months) and shall not exceed 176 lbs. Beginning the first month of permit issuance for the first calendar year the sum of individual monthly records shall not exceed 176 lbs. Production sampling and testing records, including calculations and data, shall be completed and submitted to the Department and reported in their Semi-Annual Monitoring Report.

g. If, after one year, CKD and/or clinker analyses reflects that the amount of mercury in the CKD and/or clinker is typically within a small range with low variability, Lafarge may, with prior written approval from the Department, reduce the number of CKD and/or samples taken.

Parameter Monitored: MERCURY

Upper Permit Limit: 176 pounds per year

Reference Test Method: EPA Methods 7471B,7473,7474,3502,1631E or D2216

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2011.

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

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Condition 94: Compliance Demonstration
Effective between the dates of 09/13/2010 and 09/12/2015

Applicable State Requirement: 6 NYCRR 220-1.2 (b)

Item 94.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-41000

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 94.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Except as provided in 6 NYCRR Part 220-1.3, the facility shall not cause or allow emission of particulates to the outdoor atmosphere from a portland cement kiln or clinker cooler in excess of the following emission rates:

(b) for process weight per hour in excess of 100,000 pounds, 0.05 grains per standard cubic foot of gas on a dry basis.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2011.

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

Condition 95: Compliance Demonstration
Effective between the dates of 09/13/2010 and 09/12/2015

Applicable State Requirement: 6 NYCRR 220-1.6 (a)

Item 95.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-41000

Emission Point: 43101

Process: K12

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 95.2:

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Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a Portland cement kiln may purchase and use fuel with sulfur content exceeding the fuel sulfur limitations required by Subpart 225-1 of this Title, provided that the burning of such fuel will not result in emissions of sulfur compounds (expressed as sulfur dioxide) to the outdoor atmosphere at a rate greater than would result through the use of fuels otherwise mandated by Subpart 225-1.

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 96: Compliance Demonstration
Effective between the dates of 09/13/2010 and 09/12/2015

Applicable State Requirement:6 NYCRR 220-1.7 (a)

Item 96.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-41000 Emission Point: 43101
Process: K12

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

Item 96.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a Portland cement kiln or clinker cooler must maintain a file of daily clinker production rates, kiln feed rates, and any particulate emission measurements. The production and feed rates must be summarized monthly. The records and summary must be retained for at least five years following the date of such records and summaries and must be made available for inspection by the department during normal business hours.

Monitoring Frequency: DAILY

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 97: Particulate emissions from dust dumps
Effective between the dates of 09/13/2010 and 09/12/2015

Applicable State Requirement:6 NYCRR 220-1.5 (a)



Item 97.1:

This Condition applies to Emission Unit: 0-42000

Item 97.2:

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

**Condition 98: Particulate emissions from dust dumps
Effective between the dates of 09/13/2010 and
09/12/2015**

Applicable State Requirement:6 NYCRR 220-1.5 (b)

Item 98.1:

This Condition applies to Emission Unit: 0-42000

Item 98.2:

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

**Condition 99: Particulate emissions from dust dumps
Effective between the dates of 09/13/2010 and
09/12/2015**

Applicable State Requirement:6 NYCRR 220-1.5 (c)

Item 99.1:

This Condition applies to Emission Unit: 0-42000

Item 99.2:

If dumping procedures do not provide adequate protection from dust reentrainment, the owner/operator must install a windbreak. If visible emissions still reach the property line, the owner/operator must precondition the waste dust.

