



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 5-5205-00013/00058
Mod 0 Effective Date: 11/20/2006 Expiration Date: 11/19/2011
Mod 1 Effective Date: 06/05/2008 Expiration Date: 11/19/2011
Mod 2 Effective Date: 06/30/2011 Expiration Date: 11/19/2011

Permit Issued To: LEHIGH NORTHEAST CEMENT COMPANY
313 WARREN ST
GLENS FALLS, NY 12801

Contact: STUART GUNTHER
LEHIGH NORTHEAST CEMENT COMPANY
PO BOX 440 - 313 WARREN ST
GLENS FALLS, NY 12801-0440
(518) 792-1137

Facility: LEHIGH NORTHEAST CEMENT COMPANY
313 WARREN ST
GLENS FALLS, NY 12801

Contact: STUART GUNTHER
LEHIGH NORTHEAST CEMENT COMPANY
PO BOX 440 - 313 WARREN ST
GLENS FALLS, NY 12801-0440
(518) 792-1137

Description:

The Lehigh Northeast Cement Company, located in Glens Falls, NY, consists of a Portland cement manufacturing operation and an associated quarry. Various types of Portland cements are produced using a combination of limestone, sand gypsum, and other materials of similar chemical composition. These materials are heated in the facility's rotary kiln to form cement clinker, which is cooled and ground to form cement.

Operations at the facility have been broken down into nine (9) emission units, each having related functions and processes, as follows:

- Stone quarrying and preliminary crushing (Emission Unit U-QUARY);
- Raw material storage and handling (Emission Unit U-RMHND);
- Raw material grinding (Emission Unit (U-RAWGR);
- Kiln or pyro-processing system (Emission Unit U-KILN);
- Solid fuel (coal) and other alternative fuels system (Emission Unit U-FUEL);



Cement clinker transport and storage (Emission Unit U-CLTRN);
Pre-crusher (Polycom)system (Emission Unit U-PLYCM);
Finish mill\Product storage (Emission Unit U-FINML); and
Product packing and loading (Emission Unit U-SHPNG).

Applicable Requirements at the facility-wide level include:

6 NYCRR 200	6 NYCRR 215.2
6 NYCRR 202-2	6 NYCRR
220.4(c)	
6 NYCRR 211.2	40 CFR 82.106 (SubPart E)
6 NYCRR 211.3	

Quarry Operations (Emission Unit U-QUARY) - Lehigh Northeast Cement Company owns and operates a quarry on property adjacent to the manufacturing facility. Limestone is mined from the quarry walls primarily by drilling and blasting into the stone. The fragmented stone loosened from the walls is loaded into large dump trucks using wheel loaders. The rock is transported to a crusher where the size of the mined stone is reduced. The crushed material is transported by conveyor to the stone storage building or storage piles to await further processing or direct sale. Applicable Requirements Include: 6NYCRR 212.3(a).

Raw Material Handling (Emission Unit U-RMHND) - Raw materials (other than limestone) are delivered to the facility via trucks.. These materials are off-loaded for storage using a series of conveyors and wheel loaders and placed in piles. As previously mentioned, limestone and related raw material stone is stored in the stone storage building. A reclaiming is used to recover the piles within the storage building. A series of conveyors are used to transport the raw materials from storage to the raw grinding operation. Applicable Requirements Include: 6 NYCRR 212.3(a).

Raw Material Grinding (Emission Unit U-RAWGR) - After transport from storage, the various raw materials are blended and pulverized in the raw (roller) mill for preparation as a feed mixture for the kilns. When the feed mixture has reached a desired consistency or blend, it is transported to a series of storage silos until it is fed into the kiln for further processing. Applicable Requirements Include: 6 NYCRR 212.3(a).

Kiln (Pyro-processing) System (Emission Unit U-KILN) - The rotary kiln (and its associated clinker cooler) are the primary tools used in the manufacture of Portland cement. Two primary operations occur in this equipment: (1) creation of cement "clinker" in the kilns and (2) cooling of the newly-manufactured clinker for further processing or storage. Raw feed is transported to the kiln from the storage silo. Within the interior of the kiln, temperatures in excess of 2700 deg F create the clinker, consisting of balls of hard, rock-like material, from the raw feed. Coal is the primary fuel used to fire the kiln, with natural gas used as a startup or backup fuel. When the clinker has been fully formed, it is conveyed to the clinker cooler, which consists of a series of grates over which the clinker travels and is exposed to forced ambient air for cooling. The Applicable Requirements Include:

6 NYCRR 212.3(a)	40 CFR 60.7 (SubPart A)
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6 NYCRR 220.3(a)	40 CFR60.8 (SubPart A)
6 NYCRR 220-1.6(b)(1)	40 CFR 60.11 (SubPart A)
6 NYCRR 220.8(a & b)	40 CFR 60.13 (SubPart A)
6 NYCRR 225-1.2(a)(2)	40 CFR 60 (SubPart F)
6 NYCRR 204	40 CFR 75
	40 CFR 63

Note: Not all equipment and/or processes within this emission unit are subject to the requirements of 40 CFR 60 (New Source Performance Standards).

Solid Fuel System (Emission Unit U-FUEL) which includes coal and alternative fuels - Coal is delivered to the facility via trucks or railcars. The material is unloaded to an outdoor storage pile directly from the truck (through dumping) or using wheel loaders or similar equipment. Coal from the pile is fed into a coal bin to a ball mill (coal mill), which reduces the size of the coal for optimum combustion within the kiln.

Note: The equipment and processes within this emission unit are subject to facility-wide applicable requirements only.

Clinker Transport and Storage (Emission Unit U_CLTRN) - After being cooled within the clinker cooler, the clinker is transported (via conveyors) to a series of storage silo, or in cases of excess production, to an enclosed outdoor storage facility. If for some reason the clinker is found to not meet required specifications, it is sent to one of several outdoor "off-spec" clinker piles, where it is stored until it can be re-used within the manufacturing operation. Applicable Requirements Include:

6 NYCRR 212.3(A)	40 CFR 60.11 (SubPart A)
40 CFR 60.7 (SubPart A)	40 CFR 60 (SubPart F)
40 CFR 60.8 (SubPart A)	

Note: Not all equipment and/or processes within this emission unit are subject to the requirements of 40 CFR 60 (New Source Performance Standards).

Pre-crusher (Polycom) System (Emission Unit U-PLYCM) - Prior to entering the finishing stage of the manufacturing process, clinker is conveyed to the pre-crusher or Polycom. This equipment reduces the size of the clinker and allows the mills which produce the finished product (cement) to operate more efficiently. Applicable Requirements Include:

6 NYCRR 212.3(a)	40 CFR 60.11 (SubPart A)
40 CFR 60.7 (SubPart A)	40 CFR 60 (SubPart F)
40 CFR 60.8 (SubPart A)	

Note: Not all equipment and/or processes within this emission unit are subject to the requirements of 40 CFR 60 (New Source Performance Standards).

Finish Mill System (Emission Unit U-FINML) - The facility operates two (2) finish mills which process the pre-crushed clinker into saleable product. Clinker is conveyed to the mills where it is mixed with additional solids (such as gypsum, limestone, or other

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materials) and grinding aids. These additional materials are delivered to the site via trucks, unloaded to storage and conveyed to the finish mills in a manner which is similar to that described in Emission Unit U-RMHND. The Applicable Requirements Include:

- | | |
|-------------------------|---------------------------|
| 6 NYCRR 212.3(a) | 40 CFR 60.11. (SubPart A) |
| 40 CFR 60.7 (SubPart A) | 40 CFR 60 (SubPart F) |
| 40 CFR 60.8 (SubPart A) | |

Note: Not all equipment and/or processes within this emission unit are subject to the requirements of 40 CFR 60 (New Source Performance Standards).

Product Packaging and Loading (Emission Unit U-SHPNG) - The finished cement is stored within two large banks of silos. The finished product is loaded into the silos from the top and withdrawn from the bottom. The finished product may be shipped from the facility in bulk (via railcars or trucks) or packaged.

Applicable Requirements Include:

- | | |
|-------------------------|-----------------------|
| 6 NYCRR 212.3(a) | 40 CFR 60.11 |
| 40 CFR 60.7 (SubPart A) | 40 CFR 60 (SubPart F) |
| 40 CFR 60.8 (SubPart A) | |

Note: Not all equipment and/or processes within this emission unit are subject to the requirements of 40 CFR 60 (New Source Performance Standards).

Processes at the facility are regulated for emissions of particulates under 6 NYCRR 212 and 6 NYCRR 220 and 40 CFR 60 (SubPart F (where applicable). Emissions of oxides of nitrogen (NO_x) under 6 NYCRR 220-1.6(b)(1-4). Emissions of sulfur compounds are indirectly regulated through the sulfur in fuel limits contained in 6 NYCRR 225 and 6 NYCRR 220-1.6(a).

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: MARC S MIGLIORE
 NYSDEC
 232 GOLF COURSE RD
 WARRENSBURG, NY 12885

Authorized Signature: _____ Date: ____ / ____ / ____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

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

Facility Level

- Submission of Applications for Permit Modification or Renewal
 - REGION 5 SUBOFFICE
- Submission of application for permit modification or renewal-REGION 5 SUBOFFICE - WARRENSBURG



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 for approval.



Condition 4: Applications for Permit Renewals and Modifications

Applicable State Requirement: 6 NYCRR 621.13

Item 4.1:

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 4.2:

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 4.3:

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

Condition 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.

Condition 2-1: Permit modifications, suspensions or revocations by the Department

Applicable State Requirement: 6 NYCRR 621.13

Item 2-1.1:

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.



the permitted activity.

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

Item 6.1:

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

Item 7.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 5 Sub-office
Division of Environmental Permits
232 Hudson St, PO Box 220
Warrensburg, NY 12885-0220
(518) 623-1281

Condition 8: Submission of application for permit modification or renewal-REGION 5
SUBOFFICE - WARRENSBURG
Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 8.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 5 Sub-office
Division of Environmental Permits
232 Golf Course Road, PO Box 220
Warrensburg, NY 12885-0220
(518) 623-1281

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: LEHIGH NORTHEAST CEMENT COMPANY
313 WARREN ST
GLENS FALLS, NY 12801

Facility: LEHIGH NORTHEAST CEMENT COMPANY
313 WARREN ST
GLENS FALLS, NY 12801

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

Mod 0 Permit Effective Date: 11/20/2006

Permit Expiration Date: 11/19/2011

Mod 1 Permit Effective Date: 06/05/2008

Permit Expiration Date: 11/19/2011

Mod 2 Permit Effective Date: 06/30/2011

Permit Expiration Date: 11/19/2011



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6 NYCRR 200.6: Acceptable Ambient Air Quality
- 2-1 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 201-6.5 (e): Compliance Certification
- 7 6 NYCRR 202-2.1: Compliance Certification
- 8 6 NYCRR 202-2.5: Recordkeeping requirements
- 2-2 6 NYCRR 215.2: Open Fires - Prohibitions
- 10 6 NYCRR 200.7: Maintenance of Equipment
- 11 6 NYCRR 201-1.7: Recycling and Salvage
- 22 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
- 2-3 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
- 23 6 NYCRR Subpart 201-6: Emission Unit Definition
- 24 6 NYCRR 201-6.5 (f) (2): Compliance Certification
- 25 6 NYCRR 201-6.5 (g): Non Applicable requirements
- *26 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 27 6 NYCRR 202-1.3: Acceptable procedures
- 28 6 NYCRR 202-1.3: Alternate test methods
- 29 6 NYCRR 202-1.5: Prohibitions
- 2-4 6 NYCRR 211.3: Compliance Certification
- 31 6 NYCRR 212.3 (b): Compliance Certification
- 32 6 NYCRR 212.4 (c): Compliance Certification
- 33 6 NYCRR 220.4 (a): Compliance Certification
- 34 6 NYCRR 220.4 (c): Compliance Certification
- 35 6 NYCRR 220.8 (a): Compliance Certification
- 36 6 NYCRR 220.8 (b): Compliance Certification
- 37 6 NYCRR 225-1.2 (a) (2): Compliance Certification
- 38 6 NYCRR 225-1.2 (a) (2): Compliance Certification
- 39 6 NYCRR 225-1.2 (a) (2): Compliance Certification
- 1-1 6 NYCRR 243-1.6 (c): NOx Ozone Season Emission Requirements
- 1-2 6 NYCRR 243-1.6 (d): Excess emission requirements
- 1-3 6 NYCRR 243-1.6 (e): Recordkeeping and reporting requirements
- 1-4 6 NYCRR 243-8.1: General requirements



- 1-5 6 NYCRR 243-8.1: Prohibitions
 - 1-6 6 NYCRR 243-8.3: Out of control periods
 - 1-7 6 NYCRR 243-8.5 (d): Quarterly reports
 - 1-8 6 NYCRR 243-8.5 (e): Compliance certification
 - 40 40CFR 60.4, NSPS Subpart A: Compliance Certification
 - 41 40CFR 60.7(b), NSPS Subpart A: Compliance Certification
 - 42 40CFR 60.7(c), NSPS Subpart A: Compliance Certification
 - 43 40CFR 60.7(d), NSPS Subpart A: Compliance Certification
 - 44 40CFR 60.7(f), NSPS Subpart A: Compliance Certification
 - 45 40CFR 60.13(a), NSPS Subpart A: Compliance Certification
 - 46 40CFR 60.13(d), NSPS Subpart A: Compliance Certification
 - 47 40CFR 60.13(e), NSPS Subpart A: Compliance Certification
 - 48 40CFR 60.13(h), NSPS Subpart A: Compliance Certification
 - 49 40CFR 60.62(c), NSPS Subpart F: Compliance Certification
 - 50 40CFR 60.65, NSPS Subpart F: Compliance Certification
 - 1-9 40CFR 63.1342, Subpart LLL: Part 63 General Provisions requirements
 - 51 40CFR 63.1343(d), Subpart LLL: Compliance Certification
 - 52 40CFR 63.1350(i), Subpart LLL: Compliance Certification
 - 53 40 CFR Part 64: Compliance Certification
 - 54 40CFR 82, Subpart E: Standards for labeling of products using ozone-depleting substances
- Emission Unit Level**
- 55 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
 - 56 6 NYCRR Subpart 201-6: Process Definition By Emission Unit
 - 57 6 NYCRR Subpart 201-7: Process Permissible Emissions

EU=0-UKILN

- 58 40CFR 63.1342, Subpart LLL: Part 63 General Provisions requirements

EU=0-UKILN,EP=01070

- 71 6 NYCRR 220.6 (a): Fuel sulfur content
- 73 6 NYCRR 225-2.4 (a): Compliance Certification
- 74 40CFR 60.62(a), NSPS Subpart F: Compliance Certification
- 75 40CFR 60.62(a), NSPS Subpart F: Compliance Certification

EU=0-UKILN,EP=01122

- 76 40CFR 60.62(b), NSPS Subpart F: Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 77 ECL 19-0301: Contaminant List
- 2-5 6 NYCRR 201-1.4: Unavoidable noncompliance and violations
- 2-6 6 NYCRR 211.2: Air pollution prohibited
- 2-7 6 NYCRR 220-1.6 (b): Compliance Demonstration
- 2-8 6 NYCRR 220-1.6 (b) (1): Compliance Demonstration
- 2-9 6 NYCRR 220-1.6 (b) (4): Compliance Demonstration

NOTE: * preceding the condition number indicates capping.



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

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

Item A: 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 11/20/2006 and 11/19/2011

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 2-1: Fees
Effective between the dates of 06/30/2011 and 11/19/2011

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

Item 2-1.1:

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

Condition 3: Recordkeeping and reporting of compliance monitoring
Effective between the dates of 11/20/2006 and 11/19/2011

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 11/20/2006 and 11/19/2011

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 11/20/2006 and 11/19/2011

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

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

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

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

If any of the above conditions 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) through (4) 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 paragraph (1) through (4) of this section must also be identified in the 6 month monitoring report required above.

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

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

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

All semiannual reports shall be submitted to the Administrator (or his or her representative) as well as two copies to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Compliance Monitoring and Enforcement (BCME) in the DEC central office). Mailing addresses for the above referenced persons are contained in the monitoring condition for 6 NYCRR Part 201-6.5(e), 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 1/30/2007.

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



Condition 6: Compliance Certification
Effective between the dates of 11/20/2006 and 11/19/2011

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

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:

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, unless another quarter has been acceptable by the Department.

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

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

The address for the RAPCE is as follows:

Region 5 Suboffice
232 Hudson Street
P.O. Box 220
Warrensburg, NY 12885-0220

The address for the BCME is as follows:

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

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due on the same day each year

Condition 7: Compliance Certification
Effective between the dates of 11/20/2006 and 11/19/2011

Applicable Federal Requirement:6 NYCRR 202-2.1

Item 7.1:

The Compliance Certification activity will be performed for the Facility.

Item 7.2:

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 8: Recordkeeping requirements
Effective between the dates of 11/20/2006 and 11/19/2011

Applicable Federal Requirement:6 NYCRR 202-2.5

Item 8.1:

(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 2-2: Open Fires - Prohibitions
Effective between the dates of 06/30/2011 and 11/19/2011

Applicable Federal Requirement:6 NYCRR 215.2

Item 2-2.1:

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 2-2.2

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

- (a) On-site burning in any town with a total population less than 20,000 of downed limbs and branches (including branches with attached leaves or needles) less than six inches in diameter and eight feet in length between May 15th and the following March 15th. For the purposes of this subdivision, the total population of a town shall include the population of any village or portion thereof located within the town. However, this subdivision shall not be construed to allow burning within any village.
- (b) Barbecue grills, maple sugar arches and similar outdoor cooking devices when actually used for cooking or processing food.
- (c) Small fires used for cooking and camp fires provided that only charcoal or untreated wood is used as fuel and the fire is not left unattended until extinguished.
- (d) On-site burning of agricultural wastes as part of a valid agricultural operation on contiguous agricultural lands larger than five acres actively devoted to agricultural or horticultural use, provided such waste is actually grown or generated on those lands and such waste is capable of being fully burned within a 24-hour period.
- (e) The use of liquid petroleum fueled smudge pots to prevent frost damage to crops.
- (f) Ceremonial or celebratory bonfires where not otherwise prohibited by law, provided that only untreated wood or other agricultural products are used as fuel and the fire is not left unattended until extinguished.



- (g) Small fires that are used to dispose of a flag or religious item, and small fires or other smoke producing process where not otherwise prohibited by law that are used in connection with a religious ceremony.
- (h) Burning on an emergency basis of explosive or other dangerous or contraband materials by police or other public safety organization.
- (i) Prescribed burns performed according to Part 194 of this Title.
- (j) Fire training, including firefighting, fire rescue, and fire/arson investigation training, performed under applicable rules and guidelines of the New York State Department of State's Office of Fire Prevention and Control. For fire training performed on acquired structures, the structures must be emptied and stripped of any material that is toxic, hazardous or likely to emit toxic smoke (such as asbestos, asphalt shingles and vinyl siding or other vinyl products) prior to burning and must be at least 300 feet from other occupied structures. No more than one structure per lot or within a 300 foot radius (whichever is bigger) may be burned in a training exercise.
- (k) Individual open fires as approved by the Director of the Division of Air Resources as may be required in response to an outbreak of a plant or animal disease upon request by the commissioner of the Department of Agriculture and Markets, or for the destruction of invasive plant and insect species.
- (l) Individual open fires that are otherwise authorized under the environmental conservation law, or by rule or regulation of the Department.

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

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

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

**Condition 10: Maintenance of Equipment
Effective between the dates of 11/20/2006 and 11/19/2011**

Applicable Federal Requirement:6 NYCRR 200.7

Item 10.1:

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

**Condition 11: Recycling and Salvage
Effective between the dates of 11/20/2006 and 11/19/2011**

Applicable Federal Requirement:6 NYCRR 201-1.7

Item 11.1:

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



ECL.

Condition 22: Prohibition of Reintroduction of Collected Contaminants to the air

Effective between the dates of 11/20/2006 and 11/19/2011

Applicable Federal Requirement:6 NYCRR 201-1.8

Item 22.1:

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

Condition 12: Exempt Sources - Proof of Eligibility

Effective between the dates of 11/20/2006 and 11/19/2011

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

Item 12.1:

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

Condition 13: Trivial Sources - Proof of Eligibility

Effective between the dates of 11/20/2006 and 11/19/2011

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

Item 13.1:

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

Condition 14: Standard Requirement - Provide Information

Effective between the dates of 11/20/2006 and 11/19/2011

Applicable Federal Requirement:6 NYCRR 201-6.5 (a) (4)

Item 14.1:

The owner and/or operator shall furnish to the department, within a reasonable time, any information that the department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with

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the permit. Upon request, the permittee shall also furnish to the department copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the administrator along with a claim of confidentiality, if the administrator initiated the request for information or otherwise has need of it.

Condition 15: General Condition - Right to Inspect
Effective between the dates of 11/20/2006 and 11/19/2011

Applicable Federal Requirement:6 NYCRR 201-6.5 (a) (8)

Item 15.1:

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

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

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

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

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

Condition 16: Standard Requirements - Progress Reports
Effective between the dates of 11/20/2006 and 11/19/2011

Applicable Federal Requirement:6 NYCRR 201-6.5 (d) (5)

Item 16.1:

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

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

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

Condition 17: Off Permit Changes
Effective between the dates of 11/20/2006 and 11/19/2011

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 2-3: Required Emissions Tests
Effective between the dates of 06/30/2011 and 11/19/2011

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 2-3.1:

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 11/20/2006 and 11/19/2011

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 burning permit has been issued, no person shall cause or allow any air contamination source to emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.

Condition 20: Accidental release provisions.
Effective between the dates of 11/20/2006 and 11/19/2011

Applicable Federal Requirement:40 CFR Part 68

Item 20.1:

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

- a) The owner or operator shall comply with the provisions of 40 CFR Part 68 and;
- b) The owner or operator shall submit at the time of permit issuance (if not previously

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submitted) one of the following, if such quantities are present:

1) A compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR §68.10(a) or,

2) A certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of the Risk Management Plan. Information should be submitted to:

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

Condition 21: Recycling and Emissions Reduction
Effective between the dates of 11/20/2006 and 11/19/2011

Applicable Federal Requirement:40CFR 82, Subpart F

Item 21.1:

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

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

Condition 23: Emission Unit Definition
Effective between the dates of 11/20/2006 and 11/19/2011

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 23.1(From Mod 2):

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

Emission Unit: 0-UKILN

Emission Unit Description:

This emission unit consists of all operations and equipment involved in the production of cement clinker by the pyroprocessing (kiln) system. Processes include the transfer and weighing of raw feed, the firing of the kiln, and the transfer of excess cement kiln dust produced by the process. A number of processes within this emission unit have been deemed "insignificant" based on guidance contained in 6 NYCRR 201-6.3 (d) (7).

Building(s): COOLER
KFSILO
PRECIP
PRHEAT

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Item 23.2(From Mod 0):

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

Emission Unit: 0-UFUEL

Emission Unit Description:

This emission unit consists of all operations and equipment involved in the storage, transfer, and preparation of coal (or other solid fuels) for use in the pyro-processing (kiln) system. Processes include the loading, unloading, hauling, and storage of the fuel and preparation of the fuel (by crushing) for use.

Alternative fuels (if approved under the Op-Flex provisions of this permit) may also utilize the listed processes. A number of processes within this emission unit have been deemed "insignificant" based on guidance contained in 6 NYCRR 201-6 .3(d)(7). See Appendix C.

Item 23.3(From Mod 0):

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

Emission Unit: U-CLTRN

Emission Unit Description:

This emission unit consists of all operations and equipment involved in the storage and transfer of cement clinker. Processes include material loading, unloading, indoor and outdoor storage and rail and truck loadout. A number of processes within this emission unit have been deemed "insignificant" based on guidance contained in 6 NYCRR 201-6.3 (d) (7).

Building(s): CLSILO
OFFSPC

Item 23.4(From Mod 0):

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

Emission Unit: U-FINML

Emission Unit Description:

This emission unit consists of all operations and equipment involved in the finish grinding of cement clinker and other materials within the finish mill. Processes include the storage, transfer, and weighing of materials (clinker and other additives), grinding of the materials, and the transfer and storage of the finished product. A number of processes within this emission unit have been deemed "insignificant" based on guidance contained in 6 NYCRR 201-6.3 (d) (7).

Building(s): FINISH
STSILO

Item 23.5(From Mod 0):

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

Emission Unit: U-PLYCM

Emission Unit Description:

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This emission unit consists of all operations and equipment involved in the pre-crushing of cement clinker prior to processing in the finish mill system. Processes include the transfer and weighing of the clinker and crushing. A number of processes within this emission unit have been deemed "Insignificant" based on guidance contained in 6 NYCRR 201-6.3(d)(7). See Appendix C.

Building(s): CLSILO
PLYCOM

Item 23.6(From Mod 0):

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

Emission Unit: U-QUARY

Emission Unit Description:

This emission unit consists of all operations and equipment associated with the quarry portion of the facility. Associated sources and emission points include blasting, truck loading/unloading, stone hauling, stone crushing, and material storage/transfer operations. Fugitive emissions within the emission unit include road traffic and storage piles. A number of processes within the emission unit have been deemed "insignificant" based on guidance contained in 6 NYCRR 201-6.3 (d) (7).

Building(s): RAWMAT

Item 23.7(From Mod 0):

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

Emission Unit: U-RAWGR

Emission Unit Description:

This emission unit consists of all operations and equipment involved in the production of raw feed for the pyroprocessing (kiln) system. Processes include the transfer, weighing, and mixing of raw materials, the formation of raw feed within the raw mill, and mixing/storage of various types of raw feeds. A number of processes within this emission unit have been deemed "insignificant" based on guidance contained in 6 NYCRR 201-6.3 (d) (7).

Building(s): KFSILO
RAWMAT

Item 23.8(From Mod 0):

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

Emission Unit: U-RMHND

Emission Unit Description:

This emission unit consists of all operations and equipment involved in the storage and handling of raw materials (other than quarry stone). These materials are all solids and may consist of iron bearing materials,



silica bearing materials, calcium bearing materials or other materials which are similar in chemical and/or physical composition. A number of processes within this emission unit have been deemed "insignificant" based on guidance contained in 6 NYCRR 201-6.3 (d) (7).

Building(s): KFSILO
RAWMAT

Item 23.9(From Mod 0):

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

Emission Unit: U-SHPNG

Emission Unit Description:

This emission unit consists of all operations and equipment involved in the packing and bulk shipment of the finished product (cement). Processes include material transfer, weighing, packaging, and the loading of railcars for bulk shipping. A number of processes within this emission unit have been deemed "insignificant" based on guidance contained in 6 NYCRR 201-6.3 (d) (7).

Building(s): STSILO
WAREPK

Condition 24: Compliance Certification

Effective between the dates of 11/20/2006 and 11/19/2011

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

Item 24.1:

The Compliance Certification activity will be performed for the Facility.

Item 24.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Plan Objective

The objective of this Plan is to maximize Lehigh Northeast Cement Company's operational flexibility by building capability into their Title V Permit for them to make administrative and/or minor changes involving the use of alternate fuels and/or raw materials.

This plan does not address those types of changes that would invoke the Part 201-6.7(d)

Significant Permit Modification".

Rather, it addresses changes that qualify, as minor modifications pursuant to the criteria



specified by 6 NYCRR, Part 201-6.7(c)(1)(i) and (ii):

- (1) Do not violate any applicable requirement;
- (2) Do not involve significant changes to existing monitoring, reporting, or record keeping requirements in the permit and are not otherwise a significant change in the permit.

Glens Falls Lehigh Cement Company (GFLC) shall adhere to the following criteria when evaluating the use of proposed alternate fuels and/or raw materials:

1. Proposed alternate fuels and raw materials must be determined by NYSDEC to be acceptable in accordance with the NYS Beneficial Use Program 6 NYCRR 360-1.15.
2. The use of an alternate fuel shall not cause the sulfur content in the solid fuel mixture as burned to exceed 2.5 lbs/MMBtu grab, 1.9 lbs/MMBtu 90-day, and 1.7 lbs/MMBtu annual and/or 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 Part 225-1.5(a), General Variances.
3. 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.
4. Kiln stack emissions shall not exceed permitted limitations when burning alternate non-hazardous fuels and/or when processing alternate non-hazardous raw materials.
5. Based upon analyses of the proposed alternative fuel and/or raw material and observations of existing measured stack parameters (for NO_x and opacity), the NYSDEC shall notify GFLC in writing within 30 days of startup, of any testing necessary to verify compliance. If required to stack test, GFLC shall submit a protocol for approval within 30 days of written notification by the NYSDEC and perform the stack test within 30 days of approval of the protocol.



After evaluating proposed alternate fuel(s) and/or raw material(s), Glens Falls Lehigh Cement shall notify the Department in writing prior to the use of the alternate fuel and/or raw material that meets the criteria outlined above. The report shall include:

1. A characterization of the material (including any results of testing performed in conjunction with item #1 above).
2. The intended substitution rate of the material.
3. A description of the method by which fuel is fed into the kiln.
4. Beneficial usage of the material.
5. Emission estimates calculated in conjunction with items #2 and 4 above.

Upon written approval by NYSDEC, GFLC may implement the use of any alternate non-hazardous fuels and/or raw materials.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 25: Non Applicable requirements
Effective between the dates of 11/20/2006 and 11/19/2011

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

Item 25.1:

This section contains a summary of those requirements that have been specifically identified as being not applicable to this facility and/or emission units, emission points, processes and/or emission sources within this facility. The summary also includes a justification for classifying any such requirements as non-applicable.

Condition 26: Capping Monitoring Condition
Effective between the dates of 11/20/2006 and 11/19/2011

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 26.1:

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 Part 52, Subpart A



Item 26.2:

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

Item 26.3:

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 26.4:

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 26.5:

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 26.6:

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

Emission Unit: U-CLTRN	Emission Point: 0K06A
Emission Unit: U-CLTRN	Emission Point: 0K06B
Emission Unit: U-CLTRN	Emission Point: 0K06C
Regulated Contaminant(s):	
CAS No: 0NY075-00-5	PM-10
CAS No: 0NY075-00-0	PARTICULATES

Item 26.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of particulate matter less than 10 microns (PM-10) is limited to less than 2.38 lb/hr from this process. Fugitive emissions of PM-10 have been estimated at 0.96 lb/hr. The effective cumulative limit is 3.34 lb/hr or 14.63 tpy.

Emissions of Solid Particulate Matter (PM) is limited to less than 2.83 lb/hr from this process. Fugitive

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emissions of PM have been estimated at 2.74 lb/hr. The effective cumulative limit is 5.57 lb/hr or 24.39 tpy. Initial verification of compliance was by stack test.

Subsequent compliance with these particulate emission standards will be determined by the permittee's observation of the outlet of the emission sources to determine whether or not visible emissions are present. Visible emissions will not include those due to water vapor that is present in the exhaust gas. Observations must be made once per day while operations are taking place. These observations must be recorded in a log book, and be made available to the Department on request. If visible emissions are observed for two consecutive days, a Method 9 visible emissions test must be conducted by a certified observer. If the Method 9 test determines that the opacity is greater than or equal to 10%, then corrective actions must be taken as soon as practicable.

The semiannual progress report and annual compliance certifications required of all permittees subject to Title V must include a summary of these observations as well as instances in which visible emissions were observed or in which observations could not be made due to weather conditions. If emissions greater than or equal to 10% opacity were observed, then a report of the time and the corrective measures taken, including when they were completed is to be included.

Compliance with this monitoring activity also demonstrates compliance with 6 NYCRR 212.4(c) and 40 CFR 60.62(c).

Parameter Monitored: OPACITY
Upper Permit Limit: 10 percent
Reference Test Method: Method 9
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 6 MINUTE AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 27: Acceptable procedures
Effective between the dates of 11/20/2006 and 11/19/2011

Applicable Federal Requirement: 6 NYCRR 202-1.3

Item 27.1:

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Emission testing, sampling, and analytical determinations to ascertain compliance with this Subpart shall be conducted in accordance with test methods acceptable to the commissioner.

Condition 28: Alternate test methods
Effective between the dates of 11/20/2006 and 11/19/2011

Applicable Federal Requirement:6 NYCRR 202-1.3

Item 28.1:

Alternate emission test methods or deviations from acceptable test methods may be utilized if it is impractical to utilize the acceptable test methods or where no applicable test method is available, if prior acceptance of the proposed alternate method is granted by the commissioner.

Condition 29: Prohibitions
Effective between the dates of 11/20/2006 and 11/19/2011

Applicable Federal Requirement:6 NYCRR 202-1.5

Item 29.1:

No person shall conceal an emission by the use of air or other gaseous diluents to achieve compliance with an emission standard which is based on the concentration of a contaminant in the gases emitted through a stack.

Condition 2-4: Compliance Certification
Effective between the dates of 06/30/2011 and 11/19/2011

Applicable Federal Requirement:6 NYCRR 211.3

Item 2-4.1:

The Compliance Certification activity will be performed for the Facility.

Item 2-4.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Lehigh's "Detached Plume Control" plan, last modified 7/16/10 which is hereby approved per Item #6 of the Schedule A of the Order On Consent #R5-20050629-512. Lehigh is required to follow this plan as required by Item #7 of the Schedule A, thereby completing the requirements of this Schedule.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: AMMONIA

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6 MINUTE AVERAGE

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Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2012.

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

Condition 31: Compliance Certification
Effective between the dates of 11/20/2006 and 11/19/2011

Applicable Federal Requirement: 6 NYCRR 212.3 (b)

Item 31.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 0-UKILN Emission Point: 01041

Emission Unit: U-CLTRN Emission Point: 01123

Emission Unit: U-FINML Emission Point: 04031

Emission Unit: U-FINML Emission Point: 04032

Emission Unit: U-QUARY Emission Point: 00902

Emission Unit: U-QUARY Emission Point: 00913

Emission Unit: U-RAWGR Emission Point: 01009

Emission Unit: U-RMHND Emission Point: PT950

Emission Unit: U-SHPNG Emission Point: 06245

Emission Unit: U-SHPNG Emission Point: 06255

Emission Unit: U-SHPNG Emission Point: 06375

Emission Unit: U-SHPNG Emission Point: 07200

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 31.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of solid particulates are limited to less than
0.150 grains of particulates per cubic foot of exhaust
gas, expressed at standard conditions on a dry gas basis.

If this condition appears in a Title V permit, and the



Department has not otherwise directed the permittee to conduct a stack test, compliance with the 0.150 grains/dscf particulate emission standard will be determined by the permittee's observation of the outlet of the emission source to determine whether or not visible emissions are present. Visible emissions will not include those due to water vapor that is present in the exhaust gas. Observations must be made once per day while operations are taking place. These observations must be recorded in a log book, and be made available to the Department on request. If visible emissions are observed for two consecutive days, a Method 9 visible emissions test must be conducted by a certified observer. If the Method 9 test determines that the opacity is greater than or equal to 20%, then correctives actions must be taken as soon as practicable. If the source can not achieve an opacity of less than 20% then DEC must be notified within two business days. A stack test protocol must be submitted for approval within 3 weeks of the excess opacity reading. Testing must be completed within 30 days of approval of the stack test protocol.

The semiannual progress report and annual compliance certifications required of all permittees subject to Title V must include a summary of these observations as well as instances in which visible emissions were observed or in which observations could not be made due to weather conditions. If emissions greater than or equal to 20% opacity were observed, then a report of the time and the corrective measures taken, including when they were completed is to be included.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.15 grains per dscf
Reference Test Method: EPA Method 5
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 32: Compliance Certification
Effective between the dates of 11/20/2006 and 11/19/2011

Applicable Federal Requirement: 6 NYCRR 212.4 (c)

Item 32.1:

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



Emission Unit: U-CLTRN	Emission Point: 01118
Emission Unit: U-CLTRN	Emission Point: 01119
Emission Unit: U-CLTRN	Emission Point: 01811
Emission Unit: U-CLTRN	Emission Point: 01812
Emission Unit: U-CLTRN	Emission Point: 01910
Emission Unit: U-CLTRN	Emission Point: 0K06A
Emission Unit: U-CLTRN	Emission Point: 0K06B
Emission Unit: U-CLTRN	Emission Point: 0K06C
Emission Unit: U-PLYCM	Emission Point: 01936
Emission Unit: U-SHPNG	Emission Point: 06059
Emission Unit: U-SHPNG	Emission Point: 07333
Emission Unit: U-SHPNG	Emission Point: 07505
Emission Unit: U-SHPNG	Emission Point: 07526
Regulated Contaminant(s): CAS No: 0NY075-00-0	PARTICULATES

Item 32.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of solid particulates are limited to less than 0.050 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis.

If this condition appears in a Title V permit, and the Department has not otherwise directed the permittee to conduct a stack test, compliance with the 0.050 grains/dscf particulate emission standard will be determined by the permittee's observation of the outlet of the emission source to determine whether or not visible emissions are present. Visible emissions will not include those due to water vapor that is present in the exhaust gas. Observations must be made once per day while operations are taking place. These observations must be recorded in a log book, and be made available to the Department on request. If visible emissions are observed



for two consecutive days, a Method 9 visible emissions test must be conducted by a certified observer. If the Method 9 test determines that the opacity is greater than or equal to 10%, then correctives actions must be taken as soon as practicable. If the source can not achieve an opacity of less than 10% then DEC must be notified within two business days. A stack test protocol must be submitted for approval within 3 weeks of the excess opacity reading. Testing must be completed within 30 days of approval of the stack test protocol.

The semiannual progress report and annual compliance certifications required of all permittees subject to Title V must include a summary of these observations as well as instances in which visible emissions were observed or in which observations could not be made due to weather conditions. If emissions greater than or equal to 10% opacity were observed, then a report of the time and the corrective measures taken, including when they were completed is to be included.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.05 grains per dscf
Reference Test Method: EPA Method 5
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 33: Compliance Certification
Effective between the dates of 11/20/2006 and 11/19/2011

Applicable Federal Requirement: 6 NYCRR 220.4 (a)

Item 33.1:

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

Emission Unit: U-FINML	Emission Point: 04031
Emission Unit: U-FINML	Emission Point: 04032
Emission Unit: U-QUARY	Emission Point: 00902
Emission Unit: U-RAWGR	Emission Point: 01009
Emission Unit: U-SHPNG	Emission Point: 06245



Emission Unit: U-SHPNG

Emission Point: 06255

Item 33.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Emissions are limited to less than 20% opacity by Method 9.

Compliance will be determined by the permittee's observation of the outlet of the emission source to determine whether or not visible emissions are present. Visible emissions will not include those due to water vapor that is present in the exhaust gas. Observations must be made once per day while operations are taking place. These observations must be recorded in a log book, and be made available to the Department on request. If visible emissions are observed for two consecutive days, a Method 9 visible emissions test must be conducted by a certified observer. If the Method 9 test determines that the opacity is less than 20%, observations of the stack in question shall be used to determine that the opacity of these emissions remain less than 20%.

The semiannual progress report and annual compliance certifications must include a summary of these observations as well as instances in which visible emissions were observed or in which observations could not be made due to weather conditions.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: MATERIAL

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

Condition 34: Compliance Certification
Effective between the dates of 11/20/2006 and 11/19/2011

Applicable Federal Requirement: 6 NYCRR 220.4 (c)

Item 34.1:

The Compliance Certification activity will be performed for the Facility.



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

Item 34.2:

Compliance Certification 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, rail car 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.

This requirement shall be implemented thru daily inspections and appropriate action as described in GFLC's "Fugitive Dust Control Plan" which is an attachment to this permit.

Monitoring Frequency: DAILY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 35: Compliance Certification
Effective between the dates of 11/20/2006 and 11/19/2011

Applicable Federal Requirement:6 NYCRR 220.8 (a)

Item 35.1:

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

Emission Unit: 0-UKILN Emission Point: 01070

Emission Unit: 0-UKILN Emission Point: 01122

Item 35.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Monitoring Frequency: DAILY

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Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

Condition 36: Compliance Certification
Effective between the dates of 11/20/2006 and 11/19/2011

Applicable Federal Requirement:6 NYCRR 220.8 (b)

Item 36.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 0-UKILN Emission Point: 01070

Emission Unit: 0-UKILN Emission Point: 01122

Item 36.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Monitoring Frequency: CONTINUOUS

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 37: Compliance Certification
Effective between the dates of 11/20/2006 and 11/19/2011

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

Item 37.1:

The Compliance Certification activity will be performed for the Facility.

Item 37.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: 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: BITUMINOUS COAL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 1.9 pounds per million Btus

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Monitoring Frequency: PER DELIVERY
Averaging Method: 90-DAY AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 38: Compliance Certification
Effective between the dates of 11/20/2006 and 11/19/2011

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

Item 38.1:

The Compliance Certification activity will be performed for the Facility.

Item 38.2:

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: BITUMINOUS COAL
Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 2.5 pounds per million Btus
Monitoring Frequency: PER DELIVERY
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY
TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 39: Compliance Certification
Effective between the dates of 11/20/2006 and 11/19/2011

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

Item 39.1:

The Compliance Certification activity will be performed for the Facility.

Item 39.2:

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: BITUMINOUS COAL
Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 1.7 pounds per million Btus
Monitoring Frequency: PER DELIVERY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 1-1: NOx Ozone Season Emission Requirements
Effective between the dates of 06/05/2008 and 11/19/2011

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

Item 1-1.1:

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

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 NO_x Ozone Season allowance to or from a CAIR NO_x Ozone Season source's compliance account is incorporated automatically in any CAIR permit of the source.

Condition 1-2: Excess emission requirements
Effective between the dates of 06/05/2008 and 11/19/2011

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

Item 1-2.1:

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

- (1) the owners and operators of the source and each CAIR NO_x Ozone Season unit at the source shall surrender the CAIR NO_x 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 1-3: Recordkeeping and reporting requirements
Effective between the dates of 06/05/2008 and 11/19/2011

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

Item 1-3.1:

Unless otherwise provided, the owners and operators of the CAIR NO_x Ozone Season source and each CAIR NO_x 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 NO_x 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 NO_x Ozone Season Trading Program.
- (iv) Copies of all documents used to complete a CAIR permit application and any other submission under the CAIR NO_x Ozone Season Trading Program or to demonstrate compliance with the requirements of the CAIR NO_x Ozone Season Trading Program.

Condition 1-4: General requirements



Effective between the dates of 06/05/2008 and 11/19/2011

Applicable Federal Requirement:6 NYCRR 243-8.1

Item 1-4.1:

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 1-5: Prohibitions

Effective between the dates of 06/05/2008 and 11/19/2011

Applicable Federal Requirement:6 NYCRR 243-8.1

Item 1-5.1:

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

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

No owner or operator of a CAIR NOx Ozone Season unit shall disrupt the continuous emission monitoring system, any portion thereof, or any other approved emission monitoring method, and thereby avoid monitoring and recording NOx mass emissions discharged into the atmosphere or heat input, except for periods of recertification or periods when calibration, quality assurance

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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 NO_x 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 1-6: Out of control periods
Effective between the dates of 06/05/2008 and 11/19/2011

Applicable Federal Requirement:6 NYCRR 243-8.3

Item 1-6.1:

Whenever any monitoring system fails to meet the quality-assurance and quality-control requirements or data validation requirements of 40 CFR Part 75, data shall be substituted using the applicable missing data procedures in Subpart D or Subpart H of, or appendix D or appendix E to, 40 CFR Part 75.

Condition 1-7: Quarterly reports
Effective between the dates of 06/05/2008 and 11/19/2011

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

Item 1-7.1:

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

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

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

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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 NOx Ozone Season units that are also subject to an Acid Rain emissions limitation or the CAIR NOx 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 NOx mass emission data, heat input data, and other information required by this Subpart.

Condition 1-8: Compliance certification
Effective between the dates of 06/05/2008 and 11/19/2011

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

Item 1-8.1:

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

- (1) the monitoring data submitted were recorded in accordance with the applicable requirements of this Subpart and 40 CFR Part 75, including the quality assurance procedures and specifications;
- (2) for a unit with add-on 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 40: Compliance Certification
Effective between the dates of 11/20/2006 and 11/19/2011

Applicable Federal Requirement:40CFR 60.4, NSPS Subpart A

Item 40.1:

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

Emission Unit: 0-UKILN

Emission Point: 01070

Item 40.2:

Compliance Certification shall include the following monitoring:

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Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

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

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 41: Compliance Certification
Effective between the dates of 11/20/2006 and 11/19/2011

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

Item 41.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 0-UKILN Emission Point: 01070

Emission Unit: U-CLTRN
Process: K06

Item 41.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Affected owners or operators shall maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any



malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 42: Compliance Certification
Effective between the dates of 11/20/2006 and 11/19/2011

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

Item 42.1:

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

Emission Unit: 0-UKILN Emission Point: 01070

Item 42.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Affected owners or operators shall submit an excess emissions report semi-annually based on the calendar year (or more frequently as required by the applicable Subpart or the Administrator), to the Administrator. These reports shall be postmarked no later than 30 calendar days following the end of the reporting period, and shall contain the following information:

- 1) the magnitude of excess emissions computed, any conversion factors used, the date and time of each occurrence, and the process operating time during the reporting period;
- 2) specific identification of each period of excess emissions that occur during startup, shutdown, or malfunction, where the nature, cause, and corrective action are provided for a malfunction;
- 3) the date and time identifying each period during which the continuous monitoring system was inoperative except for zero span checks and the nature of the system repairs or adjustments; and
- 4) when no excess emissions have occurred or when the continuous monitoring system(s) have not been inoperative, repaired, or adjusted, such information shall be provided in the report.

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Monitoring Frequency: CONTINUOUS
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 43: Compliance Certification
Effective between the dates of 11/20/2006 and 11/19/2011

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

Item 43.1:

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

Emission Unit: 0-UKILN Emission Point: 01070

Item 43.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

An excess emissions report and/or a summary report, for each pollutant monitored, shall be sent to the Administrator semi-annually (or as required), in the form prescribed in Figure 1 of subdivision 60.7(d).

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 1/30/2007.

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

Condition 44: Compliance Certification
Effective between the dates of 11/20/2006 and 11/19/2011

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

Item 44.1:

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

Emission Unit: 0-UKILN Emission Point: 01070

Item 44.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The following files shall be maintained at the facility for all affected sources: all measurements, including

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continuous monitoring systems, monitoring device, and performance testing measurements; all continuous monitoring system evaluations; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required by this part, recorded in permanent form suitable for inspection. The file shall be maintained for at least two years following the date of such measurements, reports, and records.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 45: Compliance Certification
Effective between the dates of 11/20/2006 and 11/19/2011

Applicable Federal Requirement:40CFR 60.13(a), NSPS Subpart A

Item 45.1:

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

Emission Unit: 0-UKILN

Emission Point: 01070

Item 45.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For the purposes of this section, all continuous monitoring systems required under applicable subparts shall be subject to the provisions of this section upon promulgation of performance specifications for continuous monitoring systems under appendix B to this part and, if the continuous monitoring system is used to demonstrate compliance with emission limits on a continuous basis, appendix F to this part, unless otherwise specified in an applicable subpart or by the Administrator. Appendix F is applicable December 4, 1987.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 46: Compliance Certification
Effective between the dates of 11/20/2006 and 11/19/2011

Applicable Federal Requirement:40CFR 60.13(d), NSPS Subpart A

Item 46.1:

The Compliance Certification activity will be performed for the facility:



The Compliance Certification applies to:

Emission Unit: 0-UKILN

Emission Point: 01070

Item 46.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(1) Owners and operators of all continuous emission monitoring systems installed in accordance with the provisions of this part shall check the zero (or low-level value between 0 and 20 percent of span value) and span (50 to 100 percent of span value) calibration drifts at least once daily in accordance with a written procedure. The zero and span shall, as a minimum, be adjusted whenever the 24-hour zero drift or 24-hour span drift exceeds two times the limits of the applicable performance specifications in appendix B. The system must allow the amount of excess zero and span drift measured at the 24-hour interval checks to be recorded and quantified, whenever specified. For continuous monitoring systems measuring opacity of emissions, the optical surfaces exposed to the effluent gases shall be cleaned prior to performing the zero and span drift adjustments except that for systems using automatic zero adjustments. The optical surfaces shall be cleaned when the cumulative automatic zero compensation exceeds 4 percent opacity.

(2) Unless otherwise approved by the Administrator, the following procedures shall be followed for continuous monitoring systems measuring opacity of emissions. Minimum procedures shall include a method for producing a simulated zero opacity condition and an upscale (span) opacity condition using a certified neutral density filter or other related technique to produce a known obscuration of the light beam. Such procedures shall provide a system check of the analyzer internal optical surfaces and all electronic circuitry including the lamp and photodetector assembly.

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 1/30/2007.

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

Condition 47: Compliance Certification
Effective between the dates of 11/20/2006 and 11/19/2011

Applicable Federal Requirement: 40CFR 60.13(e), NSPS Subpart A

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Item 47.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 0-UKILN

Emission Point: 01070

Item 47.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Except for system breakdowns, repairs, calibration checks, and zero and span adjustments required under paragraph 40 CFR 60.13 (d) of this section, all continuous monitoring systems shall be in continuous operation and shall meet minimum frequency of operation requirements as follows:

(1) All continuous monitoring systems referenced by paragraph 40 CFR 60.13 (c) of this section for measuring opacity of emissions shall complete a minimum of one cycle of sampling and analyzing for each successive 10-second period and one cycle of data recording for each successive 6-minute period.

(2) All continuous monitoring systems referenced by paragraph 40 CFR 60.13 (c) of this section for measuring emissions, except opacity, shall complete a minimum of one cycle of operation (sampling, analyzing, and data recording) for each successive 15-minute period.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

Condition 48: Compliance Certification

Effective between the dates of 11/20/2006 and 11/19/2011

Applicable Federal Requirement: 40CFR 60.13(h), NSPS Subpart A

Item 48.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 0-UKILN

Emission Point: 01070

Item 48.2:

Compliance Certification shall include the following monitoring:

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Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Owners or operators of all continuous monitoring systems for measurement of opacity shall reduce all data to 6-minute averages and for continuous monitoring systems other than opacity to 1-hour averages for time periods as defined in §60.2. Six-minute opacity averages shall be calculated from 36 or more data points equally spaced over each 6-minute period. For continuous monitoring systems other than opacity, 1-hour averages shall be computed from four or more data points equally spaced over each 1-hour period. Data recorded during periods of continuous monitoring system breakdowns, repairs, calibration checks, and zero and span adjustments shall not be included in the data averages computed under this paragraph. An arithmetic or integrated average of all data may be used. The data may be recorded in reduced or nonreduced form (e.g., ppm pollutant and percent O₂ or ng/J of pollutant). All excess emissions shall be converted into units of the standard using the applicable conversion procedures specified in subparts. After conversion into units of the standard, the data may be rounded to the same number of significant digits as used in the applicable subparts to specify the emission limit.

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 1/30/2007.

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

Condition 49: Compliance Certification
Effective between the dates of 11/20/2006 and 11/19/2011

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

Item 49.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 0-UKILN

Emission Point: 01068

Item 49.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Emissions are limited to less than 10% opacity by Method 9.

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Compliance will be determined by the permittee's observation of the outlet of the emission source to determine whether or not visible emissions are present. Visible emissions will not include those due to water vapor that is present in the exhaust gas. Observations must be made once per day while operations are taking place. These observations must be recorded in a log book, and be made available to the Department on request. If visible emissions are observed for two consecutive days, a Method 9 visible emissions test must be conducted by a certified observer. If the Method 9 test determines that the opacity is less than 10%, observations of the stack in question shall be used to determine that the opacity of these emissions remain less than 10%.

The semiannual progress report and annual compliance certifications must include a summary of these observations as well as instances in which visible emissions were observed or in which observations could not be made due to weather conditions.

Affected sources are also subject to 6 NYCRR 220.4(b)

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: MATERIAL
Parameter Monitored: OPACITY
Upper Permit Limit: 10 percent
Reference Test Method: Method 9
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 6 MINUTE AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 50: Compliance Certification
Effective between the dates of 11/20/2006 and 11/19/2011

Applicable Federal Requirement: 40CFR 60.65, NSPS Subpart F

Item 50.1:

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

Emission Unit: 0-UKILN

Emission Point: 01070

Item 50.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

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Monitoring Description:

Excess emission reports shall include the following information:

Frequency, duration, and cause of any incident resulting in the deenergization of any device controlling kiln emissions or in the venting of emissions into the atmosphere.

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 1/30/2007.

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

**Condition 1-9: Part 63 General Provisions requirements
Effective between the dates of 06/05/2008 and 11/19/2011**

Applicable Federal Requirement:40CFR 63.1342, Subpart LLL

Item 1-9.1:

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 51: Compliance Certification
Effective between the dates of 11/20/2006 and 11/19/2011**

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

Item 51.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 0-UKILN

Process: G02

Emission Unit: 0-UKILN

Process: G03

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 51.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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The owner/operator shall not cause gaseous emissions to the atmosphere which contain dioxins or furans, as defined in §63.1341, in excess of:

- 0.2 ng/dscm (8.7 x E-11 grains/dscf) (TEQ) corrected to 7% oxygen, or

- 0.4 ng/dscm (1.7 x E-10 grains/dscf) (TEQ) corrected to 7% oxygen when the average of the performance test run average temperature at the inlet to the particulate matter control device is 204C (400F) or less.

The dioxin/furan concentration shall be measured according to the performance test requirements listed in §63.1349(b)(3).

The owner/operator shall demonstrate compliance by continuously monitoring the temperature of the gas at the inlet of the particulate matter control device according to the provisions of §63.1344(a).

The facility shall demonstrate compliance by monitoring the temperature established in §63.1344(a) according to the provisions in §63.1350(f).

Records shall be kept according to the appropriate provisions in §63.1355 and reports shall be submitted according to the provisions listed in §63.1354.

Parameter Monitored: HAP

Upper Permit Limit: 0.2 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 52: Compliance Certification
Effective between the dates of 11/20/2006 and 11/19/2011

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

Item 52.1:

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

Emission Unit: 0-UKILN
Process: G02

Emission Unit: 0-UKILN



Process: G03

Item 52.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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.

Monitoring Frequency: ANNUALLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

Condition 53: Compliance Certification
Effective between the dates of 11/20/2006 and 11/19/2011

Applicable Federal Requirement:40 CFR Part 64

Item 53.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 0-UKILN	Emission Point: 01070
Emission Unit: 0-UKILN	Emission Point: 01122
Emission Unit: U-FINML	Emission Point: 04031
Emission Unit: U-FINML	Emission Point: 04032
Emission Unit: U-QUARY	Emission Point: 00902

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

Item 53.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

- An indicator to be monitored to show compliance with



the applicable emission limit or standard.

- The ranges or designated conditions for such indicators, or the process by which such indicators ranges or designated conditions will be established.
- the performance criteria for the monitoring stated above
- if applicable, the indicator ranges and performance criteria for a CEMS, COMS or PEMS (if used).

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

- summary of information on the number, duration and cause (including unknown cause) of excursions or exceedances, as applicable, and the corrective actions taken;
- summary information on the number, duration and cause (including unknown cause) for monitor downtime incidents (other than downtime associated with zero and span or other daily calibration checks if applicable); and
- a description of the actions taken to implement a Quality Improvement Plan (QIP) during the reporting period. Upon completion of a QIP, the owner or operator shall include in the next summary summary report documentation that the implementation of the plan has been completed and reduced the likelihood of similar levels of excursions or exceedances occurring.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

Condition 54: Standards for labeling of products using ozone-depleting substances

Effective between the dates of 11/20/2006 and 11/19/2011

Applicable Federal Requirement:40CFR 82, Subpart E

Item 54.1:

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

- All containers containing a class I or class II substance that is stored or transported, all products containing a class I substance, and all products directly manufactured with a class I substance must bear the required warning statement if it is being introduced into interstate commerce pursuant to 40 CFR Part 82.106.
- The placement of the required warning statement must comply with the requirements

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pursuant to 40 CFR Part 82.108.

c. The form of the label bearing the required warning statement must comply with the requirements pursuant to 40 CFR Part 82.110.

d. No person may modify, remove, or interfere with the required warning statement except as described in 40 CFR Part 82.112.

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

**Condition 55: Emission Point Definition By Emission Unit
Effective between the dates of 11/20/2006 and 11/19/2011**

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 55.1(From Mod 2):

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

Emission Unit: 0-UKILN

Emission Point: 01041
Height (ft.): 10 Diameter (in.): 12
NYTMN (km.): 4795.946 NYTME (km.): 611.95 Building: KFSILO

Emission Point: 01068
Height (ft.): 54 Diameter (in.): 10
NYTMN (km.): 4795.94 NYTME (km.): 611.949 Building: PRECIP

Emission Point: 01070
Height (ft.): 76 Diameter (in.): 76
NYTMN (km.): 4795.938 NYTME (km.): 611.949 Building: PRECIP

Emission Point: 01122
Height (ft.): 70 Diameter (in.): 114
NYTMN (km.): 4795.984 NYTME (km.): 612.017 Building: COOLER

Item 55.2(From Mod 0):

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

Emission Unit: U-CLTRN

Emission Point: 01118
Height (ft.): 67 Diameter (in.): 20
NYTMN (km.): 4795.824 NYTME (km.): 611.032 Building: OFFSPC

Emission Point: 01119
Height (ft.): 67 Diameter (in.): 20
NYTMN (km.): 4795.824 NYTME (km.): 611.032 Building: OFFSPC

Emission Point: 01123
Height (ft.): 34 Length (in.): 14 Width (in.): 13

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NYTMN (km.): 4795.993 NYTME (km.): 612.103 Building: CLSILO

Emission Point: 01811
 Height (ft.): 200 Length (in.): 17 Width (in.): 20
 NYTMN (km.): 4795.824 NYTME (km.): 611.032 Building: CLSILO

Emission Point: 01812
 Height (ft.): 231 Length (in.): 17 Width (in.): 20
 NYTMN (km.): 4795.824 NYTME (km.): 611.032 Building: CLSILO

Emission Point: 01830
 Height (ft.): 260 Diameter (in.): 18
 NYTMN (km.): 4795.997 NYTME (km.): 612.1 Building: CLSILO

Emission Point: 01910
 Height (ft.): 25 Length (in.): 8 Width (in.): 8
 NYTMN (km.): 4795.824 NYTME (km.): 611.032 Building: CLSILO

Emission Point: 0K06A
 Height (ft.): 7 Diameter (in.): 19
 NYTMN (km.): 4795.984 NYTME (km.): 612.017

Emission Point: 0K06B
 Height (ft.): 71 Length (in.): 13 Width (in.): 11
 NYTMN (km.): 4795.993 NYTME (km.): 612.103

Emission Point: 0K06C
 Height (ft.): 56 Length (in.): 15 Width (in.): 12
 NYTMN (km.): 4795.993 NYTME (km.): 612.1

Item 55.3(From Mod 0):

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

Emission Unit: U-FINML

Emission Point: 04031
 Height (ft.): 90 Diameter (in.): 39
 NYTMN (km.): 4795.824 NYTME (km.): 611.032 Building: FINISH

Emission Point: 04032
 Height (ft.): 90 Diameter (in.): 39
 NYTMN (km.): 4795.824 NYTME (km.): 611.032 Building: FINISH

Emission Point: 04210
 Height (ft.): 20 Diameter (in.): 14
 NYTMN (km.): 4795.99 NYTME (km.): 612.1 Building: FINISH

Emission Point: 04230
 Height (ft.): 20 Diameter (in.): 14
 NYTMN (km.): 4795.99 NYTME (km.): 612.098 Building: FINISH

Emission Point: 04250

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Height (ft.): 50 Diameter (in.): 30
NYTMN (km.): 4795.996 NYTME (km.): 612.1 Building: FINISH

Emission Point: 04270
Height (ft.): 110 Diameter (in.): 48
NYTMN (km.): 4795.988 NYTME (km.): 612.105 Building: FINISH

Emission Point: 04290
Height (ft.): 100 Diameter (in.): 16
NYTMN (km.): 4795.996 NYTME (km.): 612.103 Building: FINISH

Emission Point: PTBIN
Height (ft.): 65 Length (in.): 36 Width (in.): 84
NYTMN (km.): 4795.824 NYTME (km.): 611.032

Emission Point: PTMIL
Height (ft.): 4 Length (in.): 84 Width (in.): 96
NYTMN (km.): 4795.824 NYTME (km.): 611.032

Item 55.4(From Mod 0):

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

Emission Unit: U-PLYCM

Emission Point: 01936
Height (ft.): 99 Diameter (in.): 36
NYTMN (km.): 4795.824 NYTME (km.): 611.032 Building: PLYCOM

Item 55.5(From Mod 0):

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

Emission Unit: U-QUARY

Emission Point: 00902
Height (ft.): 54 Diameter (in.): 24
NYTMN (km.): 4795.483 NYTME (km.): 612.33

Emission Point: 00913
Height (ft.): 76 Length (in.): 16 Width (in.): 18
NYTMN (km.): 4795.483 NYTME (km.): 612.33 Building: RAWMAT

Item 55.6(From Mod 0):

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

Emission Unit: U-RAWGR

Emission Point: 01009
Height (ft.): 170 Diameter (in.): 24
NYTMN (km.): 4795.824 NYTME (km.): 611.032 Building: KFSILO

Emission Point: PTRAW
Height (ft.): 5 Length (in.): 84 Width (in.): 120

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NYTMN (km.): 4796.025 NYTME (km.): 611.791

Item 55.7(From Mod 0):

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

Emission Unit: U-RMHND

Emission Point: PT950

Height (ft.): 15 Length (in.): 144 Width (in.): 132

NYTMN (km.): 4795.824 NYTME (km.): 611.032

Item 55.8(From Mod 0):

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

Emission Unit: U-SHPNG

Emission Point: 06059

Height (ft.): 30 Length (in.): 11 Width (in.): 13

NYTMN (km.): 4796.033 NYTME (km.): 611.789

Emission Point: 06245

Height (ft.): 45 Length (in.): 27 Width (in.): 15

NYTMN (km.): 4795.824 NYTME (km.): 611.032 Building: STSILO

Emission Point: 06255

Height (ft.): 45 Length (in.): 27 Width (in.): 15

NYTMN (km.): 4795.824 NYTME (km.): 611.032 Building: STSILO

Emission Point: 06375

Height (ft.): 33 Length (in.): 27 Width (in.): 15

NYTMN (km.): 4795.824 NYTME (km.): 611.032 Building: WAREPK

Emission Point: 07200

Height (ft.): 15 Diameter (in.): 7

NYTMN (km.): 4795.824 NYTME (km.): 611.032 Building: STSILO

Emission Point: 07333

Height (ft.): 200 Length (in.): 20 Width (in.): 17

NYTMN (km.): 4795.824 NYTME (km.): 611.032 Building: STSILO

Emission Point: 07505

Height (ft.): 30 Diameter (in.): 8

NYTMN (km.): 4795.824 NYTME (km.): 611.032 Building: STSILO

Emission Point: 07526

Height (ft.): 30 Diameter (in.): 8

NYTMN (km.): 4795.824 NYTME (km.): 611.032 Building: STSILO

Condition 56: Process Definition By Emission Unit

Effective between the dates of 11/20/2006 and 11/19/2011

Applicable Federal Requirement:6 NYCRR Subpart 201-6



Item 56.1(From Mod 2):

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

Emission Unit: 0-UKILN
Process: D01 Source Classification Code: 3-05-006-06
Process Description:
Equipment which transfers the kiln feed produced by the raw mill system into the pyroprocessing system or kiln.

Emission Source/Control: 1041B - Control
Control Type: FABRIC FILTER

Emission Source/Control: 1041A - Process
Design Capacity: 160 tons per hour

Item 56.2(From Mod 2):

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

Emission Unit: 0-UKILN
Process: D02 Source Classification Code: 3-05-006-06
Process Description:
Equipment for storage of kiln dust (produced as a by product of clinker production) which is cleaned out of the kiln exhaust by the electrostatic precipitators.

Emission Source/Control: 1068B - Control
Control Type: FABRIC FILTER

Emission Source/Control: 1068A - Process

Item 56.3(From Mod 2):

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

Emission Unit: 0-UKILN
Process: D03 Source Classification Code: 3-05-006-06
Process Description:
Equipment for collecting and storing kiln dust (in case of emergency) resulting from the operation of the spray tower. Emissions this process are insignificant per 6 NYCRR 201-6.3 (d) (7). Throughput information is not required to determine compliance. Emissions from this process are fugitive.

Emission Source/Control: H1147 - Process

Item 56.4(From Mod 2):

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

Emission Unit: 0-UKILN
Process: D04 Source Classification Code: 3-05-006-99
Process Description:



Removal (to temporary storage prior to return to the process) of kiln dust produced by the spray tower generated during operation of process d03. Emissions are insignificant per 6 NYCRR 201-6.3 (d) (7). Throughput information is not required to determine compliance. These emissions are fugitive.

Emission Source/Control: 01147 - Process

Item 56.5(From Mod 2):

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

Emission Unit: 0-UKILN
Process: G01 Source Classification Code: 3-05-006-99
Process Description:

Equipment used (in case of emergency) to transfer kiln dust collected by the electrostatic precipitator to temporary storage prior to return to the process. Emissions from this process are insignificant per 6 NYCRR 201-6.3(d)(7). Throughput information is not required to determine compliance. The emissions associated with this process are fugitive.

Emission Source/Control: 01074 - Process

Item 56.6(From Mod 2):

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

Emission Unit: 0-UKILN
Process: G02 Source Classification Code: 3-05-006-06
Process Description:

Operation of the pyroprocessing system with simultaneous operation of the raw mill. During this operation the raw feed is transformed into cement clinker through slow rotation of the kiln and the application of high temperature. The heat for the process is provided through the combustion of coal, natural gas, compressor condensate generated on-site or alternative fuels as approved under the Op-Flex provisions of this permit. This process exhausts to emission point 01070, which is comprised of two identical stacks (North and South Precipitator Stacks).

Emission Source/Control: 1070B - Control
Control Type: ELECTROSTATIC PRECIPITATOR

Emission Source/Control: 1070C - Control
Control Type: SELECTIVE NON-CATALYTIC REDUCTION (SNCR)

Emission Source/Control: 1070A - Process
Design Capacity: 160 tons per hour



Item 56.7(From Mod 2):

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

Emission Unit: 0-UKILN
Process: G03 Source Classification Code: 3-05-006-06
Process Description:

Operation of the pyroprocessing system without simultaneous operation of the raw mill. During this operation the raw feed is transformed into cement clinker through slow rotation of the kiln and the application of high temperature. The heat for the process is provided through the combustion of coal, natural gas, compressor condensate generated on-site or alternative fuels as approved under the Op-Flex provisions of this permit. This process exhausts to emission point 01070, which is comprised of two identical stacks (North and South Precipitator Stacks).

Emission Source/Control: 1070B - Control
Control Type: ELECTROSTATIC PRECIPITATOR

Emission Source/Control: 1070C - Control
Control Type: SELECTIVE NON-CATALYTIC REDUCTION (SNCR)

Emission Source/Control: 1070A - Process
Design Capacity: 160 tons per hour

Item 56.8(From Mod 2):

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

Emission Unit: 0-UKILN
Process: G04 Source Classification Code: 3-05-006-06
Process Description:

Operation of the pyroprocessing system with simultaneous operation of the raw mill. During this operation the raw feed is transformed into cement clinker through slow rotation of the kiln and the application of high temperature. The heat for the process is provided through the combustion of alternative fuels (to be determined at a future date).

Emission Source/Control: 1070B - Control
Control Type: ELECTROSTATIC PRECIPITATOR

Emission Source/Control: 1070A - Process
Design Capacity: 160 tons per hour

Item 56.9(From Mod 2):

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



Emission Unit: 0-UKILN
Process: G05 Source Classification Code: 3-05-006-06

Process Description:
Operation of the pyroprocessing system without simultaneous operation of the raw mill. During this operation the raw feed is transformed into cement clinker through slow rotation of the kiln and the application of high temperature. The heat for the process is provided through the combustion of alternative fuels (to be determined at a future date).

Emission Source/Control: 1070B - Control
Control Type: ELECTROSTATIC PRECIPITATOR

Emission Source/Control: 1070A - Process
Design Capacity: 160 tons per hour

Item 56.10(From Mod 2):

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

Emission Unit: 0-UKILN
Process: J01 Source Classification Code: 3-05-006-14

Process Description:
Operation of clinker cooler in which hot cement clinker produced by the kiln is cooled through the use of air movement.

Emission Source/Control: 1122B - Control
Control Type: FABRIC FILTER

Emission Source/Control: 1122A - Process
Design Capacity: 100 tons per hour

Item 56.11(From Mod 0):

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

Emission Unit: 0-UFUEL
Process: H01 Source Classification Code: 3-90-002-01

Process Description:
LOADING, UNLOADING, AND HAULING OF COAL (OR OTHER SOLID FUELS). THE FUEL ARRIVES ON-SITE VIA TRUCKS OR RAIL CARS. THROUGHPUT INFORMATION IS NOT REQUIRED TO DETERMINE COMPLIANCE. THE EMISSIONS ASSOCIATED WITH THIS PROCESS ARE FUGITIVE.

Emission Source/Control: C0001 - Process

Emission Source/Control: C0004 - Process

Item 56.12(From Mod 0):

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



Emission Unit: 0-UFUEL
Process: H02 Source Classification Code: 3-05-006-99
Process Description:
Outdoor pile for the storage of coal or other solid fuels. Emission from this process are Insignificant per 6 NYCRR 201-6.3(d)(7). Throughput information is not required to determine compliance. The emissions associated with this process are fugitive.

Emission Source/Control: C0005 - Process

Item 56.13(From Mod 0):

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

Emission Unit: 0-UFUEL
Process: H03 Source Classification Code: 3-05-006-99
Process Description:
Loading, unloading, hauling, and preparation (crushing) of coal (or other solid fuels) prior to its use as a fuel in the kiln. Throughput information is not required to determine compliance. The emissions associated with this process are fugitive.

Emission Source/Control: 01178 - Process

Emission Source/Control: C0006 - Process

Item 56.14(From Mod 0):

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

Emission Unit: U-CLTRN
Process: K01 Source Classification Code: 3-05-006-16
Process Description:
Transfer and storage of cement clinker (silo 1 system).

Emission Source/Control: 1118B - Control
Control Type: FABRIC FILTER

Emission Source/Control: 1118A - Process
Design Capacity: 100 tons per hour

Item 56.15(From Mod 0):

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

Emission Unit: U-CLTRN
Process: K02 Source Classification Code: 3-05-006-16
Process Description:
Transfer and storage of cement clinker (silo 2 system).

Emission Source/Control: 1119B - Control
Control Type: FABRIC FILTER



Emission Source/Control: 1119A - Process
Design Capacity: 100 tons per hour

Item 56.16(From Mod 0):

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

Emission Unit: U-CLTRN
Process: K03 Source Classification Code: 3-05-006-16
Process Description:
Transfer of cement clinker to and from outdoor storage piles. Emissions from this process are insignificant per 6 NYCRR 201-6.3(d)(7). Throughput information is not required to determine compliance. These emissions are fugitive.

Emission Source/Control: OSCL1 - Process

Item 56.17(From Mod 0):

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

Emission Unit: U-CLTRN
Process: K04 Source Classification Code: 3-05-006-15
Process Description:
Storage of cement clinker in outdoor piles. Emissions from this process are insignificant per 6 NYCRR 201-6.3(d)(7). Throughput information not required to determine emissions. These emissions are fugitive.

Emission Source/Control: OSCL3 - Process

Item 56.18(From Mod 0):

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

Emission Unit: U-CLTRN
Process: K05 Source Classification Code: 3-05-006-99
Process Description:
Equipment associated with the storage of cement clinker in silos.

Emission Source/Control: 1123B - Control
Control Type: FABRIC FILTER

Emission Source/Control: 1811B - Control
Control Type: FABRIC FILTER

Emission Source/Control: 1812B - Control
Control Type: FABRIC FILTER

Emission Source/Control: 1830B - Control
Control Type: FABRIC FILTER

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Emission Source/Control: 1910B - Control
Control Type: FABRIC FILTER

Emission Source/Control: 1123A - Process

Emission Source/Control: 1811A - Process
Design Capacity: 100 tons per hour

Emission Source/Control: 1812A - Process
Design Capacity: 100 tons per hour

Emission Source/Control: 1830A - Process

Emission Source/Control: 1910A - Process
Design Capacity: 100 tons per hour

Item 56.19(From Mod 0):

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

Emission Unit: U-CLTRN

Process: K06

Source Classification Code: 3-05-320-32

Process Description:

Equipment for loadout of clinker by truck and rail.

Emission Source/Control: K06A0 - Control
Control Type: FABRIC FILTER

Emission Source/Control: K06B0 - Control
Control Type: FABRIC FILTER

Emission Source/Control: K06C0 - Control
Control Type: FABRIC FILTER

Emission Source/Control: K06A1 - Process
Design Capacity: 300 tons per hour

Emission Source/Control: K06A2 - Process
Design Capacity: 300 tons per hour

Emission Source/Control: K06A3 - Process
Design Capacity: 300 tons per hour

Emission Source/Control: K06A4 - Process
Design Capacity: 300 tons per hour

Emission Source/Control: K06B1 - Process
Design Capacity: 100 tons

Emission Source/Control: K06C1 - Process
Design Capacity: 300 tons per hour

Emission Source/Control: K06C2 - Process



Item 56.20(From Mod 0):

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

Emission Unit: U-FINML
Process: M01 Source Classification Code: 3-05-006-07
Process Description:
Unloading of gypsum (or similar calcium sulfate-bearing materials) to a storage pile. Emissions from this process are insignificant per 6 NYCRR 201-6.3(d)(7). Throughput information is not required to determine emissions. These emissions are fugitive.

Emission Source/Control: GP001 - Process

Item 56.21(From Mod 0):

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

Emission Unit: U-FINML
Process: M02 Source Classification Code: 3-05-006-08
Process Description:
Emissions associated with the gypsum (or other calcium sulfate-bearing material) storage pile. Emissions from this process are insignificant per 6 NYCRR 201-6.3(d)(7). Throughput information is not required to determine compliance. The emissions associated with this process are fugitive.

Emission Source/Control: GP002 - Process

Item 56.22(From Mod 0):

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

Emission Unit: U-FINML
Process: M03 Source Classification Code: 3-05-006-12
Process Description:
Emissions associated with the transfer of gypsum (or other calcium sulfate-bearing material) to a transfer hopper. Emissions from this process are insignificant per 6 NYCRR 201-6.3(d)(7). Throughput information is not required to determine compliance. The emissions from this process are fugitive.

Emission Source/Control: GP003 - Process

Item 56.23(From Mod 0):

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

Emission Unit: U-FINML
Process: M04 Source Classification Code: 3-05-006-07
Process Description:
Unloading of marble (or similar calcium-bearing



materials) to a storage pile. Emissions from this process are insignificant per 6 NYCRR 201-6.3(d)(7). Throughput information is not required to determine compliance. These emissions are fugitive.

Emission Source/Control: MR001 - Process

Item 56.24(From Mod 0):

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

Emission Unit: U-FINML

Process: M05

Source Classification Code: 3-05-006-08

Process Description:

Emissions associated with the marble (or other calcium-bearing material) storage pile. Emissions from this process are insignificant per 6 NYCRR 201-6.3(d)(7). Throughput information is not required to determine compliance. The emissions associated with this process are fugitive.

Emission Source/Control: MR002 - Process

Item 56.25(From Mod 0):

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

Emission Unit: U-FINML

Process: M06

Source Classification Code: 3-05-006-12

Process Description:

Emissions associated with the transfer of marble (or other calcium-bearing material) to a transfer hopper. Emissions from this process are insignificant per 6 NYCRR 201-6.3(d)(7). Throughput information is not required to determine compliance. The emissions associated with this process are fugitive.

Emission Source/Control: MR003 - Process

Item 56.26(From Mod 0):

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

Emission Unit: U-FINML

Process: M07

Source Classification Code: 3-05-006-07

Process Description:

Unloading of limestone (or similar calcium-bearing materials) to a storage pile. Emissions from this process are insignificant per 6 NYCRR 201-6.3(d)(7). Throughput information is not required to determine compliance. These emissions are fugitive.

Emission Source/Control: ST008 - Process

Item 56.27(From Mod 0):



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

Emission Unit: U-FINML
Process: M08 Source Classification Code: 3-05-006-08
Process Description:
Emissions associated with the limestone (or other calcium-bearing material) storage pile. Emissions from this process are insignificant per 6 NYCRR 201-6.3(d)(7). Throughput information is not required to determine emissions. The emissions associated with this process are fugitive.

Emission Source/Control: ST009 - Process

Item 56.28(From Mod 0):

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

Emission Unit: U-FINML
Process: M09 Source Classification Code: 3-05-006-12
Process Description:
Emissions associated with the transfer of limestone (or other calcium-bearing material) to a transfer hopper. Emission from this process are insignificant per 6 NYCRR 201-6.3(d)(7). Throughput information is not required to determine compliance. The emissions associated with this process are fugitive.

Emission Source/Control: ST010 - Process

Item 56.29(From Mod 0):

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

Emission Unit: U-FINML
Process: M10 Source Classification Code: 3-05-006-12
Process Description:
Processes and equipment associated with the transfer of materials from the os belt to the os elevator. Emissions from this process are insignificant per 6 NYCRR 201-6.3(d)(7). Throughput information is not required to determine compliance. The emissions associated with this process are fugitive.

Emission Source/Control: 02010 - Process

Item 56.30(From Mod 0):

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

Emission Unit: U-FINML
Process: N13 Source Classification Code: 3-05-006-17
Process Description:
Equipment used to transfer raw materials and cement clinker to finish mill #1 and the operation of the mill



itself. A portion of the emissions associated with this process are fugitive.

Emission Source/Control: 4031B - Control
Control Type: FABRIC FILTER

Emission Source/Control: 4031A - Process
Design Capacity: 50 tons per hour

Item 56.31(From Mod 0):

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

Emission Unit: U-FINML
Process: N14 Source Classification Code: 3-05-006-17
Process Description:

Equipment used to transfer raw materials and cement clinker to finish mill #2 and the operation of the mill itself. A portion of the emissions associated with this process are fugitive.

Emission Source/Control: 4032B - Control
Control Type: FABRIC FILTER

Emission Source/Control: 4032A - Process
Design Capacity: 50 tons per hour

Item 56.32(From Mod 0):

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

Emission Unit: U-FINML
Process: N15 Source Classification Code: 3-05-006-17
Process Description:

Proposed equipment used to transfer raw materials and cement to Finish Mill #3 and the operation of the mill itself.

Emission Source/Control: 4210B - Control
Control Type: FABRIC FILTER

Emission Source/Control: 4230B - Control
Control Type: FABRIC FILTER

Emission Source/Control: 4250B - Control
Control Type: FABRIC FILTER

Emission Source/Control: 4270B - Control
Control Type: FABRIC FILTER

Emission Source/Control: 4290B - Control
Control Type: FABRIC FILTER

Emission Source/Control: 4210A - Process



Emission Source/Control: 4230A - Process

Emission Source/Control: 4250A - Process

Emission Source/Control: 4270A - Process

Emission Source/Control: 4290A - Process

Item 56.33(From Mod 0):

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

Emission Unit: U-PLYCM

Process: L01

Source Classification Code: 3-05-006-17

Process Description:

TRANSFER, WEIGHING, AND CRUSHING OF CEMENT CLINKER IN THE POLYCOM CRUSHER SYSTEM. A PORTION OF THE EMISSIONS ASSOCIATED WITH THIS PROCESS ARE FUGITIVE.

Emission Source/Control: 1936B - Control

Control Type: FABRIC FILTER

Emission Source/Control: 01903 - Process

Emission Source/Control: 1936A - Process

Design Capacity: 200 tons per hour

Item 56.34(From Mod 0):

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

Emission Unit: U-PLYCM

Process: L02

Source Classification Code: 3-05-006-16

Process Description:

Transfer of cement clinker (previously crushed by the polycom system) to storage. Emissions from this process are Insignificant per 6 NYCRR 201-6.3(d)(7). Throughput information is not required to determine compliance. These emissions are fugitive.

Emission Source/Control: CL001 - Process

Item 56.35(From Mod 0):

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

Emission Unit: U-QUARY

Process: A01

Source Classification Code: 3-05-020-06

Process Description:

Loading/unloading of trucks and hauling of quarry overburden (excess soils/stone). Throughput information is not required to demonstrate compliance. The emissions associated with this process are fugitive.



Emission Source/Control: OB012 - Process

Item 56.36(From Mod 0):

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

Emission Unit: U-QUARY
Process: A02 Source Classification Code: 3-05-020-06
Process Description:
Loading/unloading of trucks and hauling of resale stone within quarry. Throughput information is not required to demonstrate compliance. The emissions associated with this process are fugitive.

Emission Source/Control: STR12 - Process

Item 56.37(From Mod 0):

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

Emission Unit: U-QUARY
Process: A03 Source Classification Code: 3-05-006-07
Process Description:
Loading/unloading and hauling of stone to quarry crusher. Throughput information is not required to determine compliance. The emissions associated with this process are fugitive.

Emission Source/Control: ST012 - Process

Item 56.38(From Mod 0):

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

Emission Unit: U-QUARY
Process: A04 Source Classification Code: 3-05-006-08
Process Description:
Stockpiling of stone for feeding through crusher. Throughput information is not required to determine compliance. The emissions associated with this process are fugitive. Emissions from this process are insignificant per 6 NYCRR 201-6.3(d)(7).

Emission Source/Control: ST003 - Process

Item 56.39(From Mod 0):

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

Emission Unit: U-QUARY
Process: A05 Source Classification Code: 3-05-006-09
Process Description:
Operation of primary quarry crusher. A portion of the emissions associated with this process are fugitive.



Emission Source/Control: 0902B - Control
Control Type: FABRIC FILTER

Emission Source/Control: 0902A - Process
Design Capacity: 700 tons per hour

Emission Source/Control: ST004 - Process

Item 56.40(From Mod 0):

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

Emission Unit: U-QUARY
Process: A06 Source Classification Code: 3-05-006-12
Process Description:

Transfer of quarry stone from belt 904 to no. 5 transfer point after crushing. Emissions from this process are insignificant per 6 NYCRR 201-6.3 (d) (7). Throughput information is not required to determine compliance. These emissions are fugitive.

Emission Source/Control: 00904 - Process

Item 56.41(From Mod 0):

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

Emission Unit: U-QUARY
Process: A07 Source Classification Code: 3-05-006-12
Process Description:

Transfer of crushed quarry stone over various belts to indoor storage. Transfers include no. 5 to no. 1; no. 1 to no. 2 and no. 2 to 906. Emissions from these processes are insignificant per 6 NYCRR 201.6.3 (d) (7). Emissions are fugitive. Throughput information is not required to determine compliance.

Emission Source/Control: 00005 - Process

Emission Source/Control: 10000 - Process

Emission Source/Control: 20000 - Process

Item 56.42(From Mod 0):

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

Emission Unit: U-QUARY
Process: A08 Source Classification Code: 3-05-006-12
Process Description:

Transfer of crushed stone through the sample tower.

Emission Source/Control: 0913B - Control
Control Type: FABRIC FILTER



Emission Source/Control: 0913A - Process
Design Capacity: 130 tons per hour

Item 56.43(From Mod 0):

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

Emission Unit: U-QUARY
Process: A09 Source Classification Code: 3-05-006-08

Process Description:

Storage of materials, such as quarry stone, in outdoor piles. Emissions from this process are insignificant per 6 NYCRR 201-6.3 (d) (7). Throughput information is not required to determine compliance. These emissions are fugitive.

Emission Source/Control: OS001 - Process

Item 56.44(From Mod 0):

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

Emission Unit: U-QUARY
Process: A10 Source Classification Code: 3-05-006-08

Process Description:

Drop out for quarry stone used and sold for road maintenance. Emissions from this process are insignificant per 6 NYCRR 201-6.3 (d) (7). Throughput information is not required to determine compliance. These emissions are fugitive.

Emission Source/Control: ST005 - Process

Item 56.45(From Mod 0):

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

Emission Unit: U-QUARY
Process: A11 Source Classification Code: 3-05-006-08

Process Description:

Storage of limestone and other calcium bearing materials for use in production or for resale. Emissions from this process are insignificant per 6 NYCRR 201-6.3 (d) (7). Throughput information is not required to determine compliance. Emissions are fugitive.

Emission Source/Control: ST067 - Process

Item 56.46(From Mod 0):

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

Emission Unit: U-RAWGR
Process: C01 Source Classification Code: 3-05-006-13

Process Description:

Transfer, weighing, milling and blending of raw kiln feed

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and the raw materials from which it is produced. A portion of the emissions associated with this process are fugitive.

Emission Source/Control: 1009B - Control
Control Type: FABRIC FILTER

Emission Source/Control: 10020 - Process

Emission Source/Control: 1009A - Process
Design Capacity: 200 tons per hour

Item 56.47(From Mod 0):

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

Emission Unit: U-RMHND

Process: B01

Source Classification Code: 3-05-006-08

Process Description:

Loading, unloading, and storage (in piles) of sand and other silica bearing materials. Emissions from this process are insignificant per 6 NYCRR 201-6.3 (d) (7). Throughput information is not required to determine compliance. These emissions are fugitive loading, unloading, and storage (in piles) of sand and other silica bearing materials. Emissions from this process are insignificant per 6 NYCRR 201-6.3 (d) (7). Throughput information is not required to determine compliance. These emissions are fugitive.

Emission Source/Control: SD012 - Process

Item 56.48(From Mod 0):

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

Emission Unit: U-RMHND

Process: B02

Source Classification Code: 3-05-006-08

Process Description:

Loading, unloading, and storage (in piles) of iron ore and other iron bearing materials. Emissions from this process are insignificant per 6 NYCRR 201-6.3 (d) (7). Throughput information is not required to determine compliance. Emissions are fugitive. Loading, unloading, and storage (in piles) of iron ore and other iron bearing materials. Emissions from this process are insignificant per 6 NYCRR 201-6.3 (d) (7). Throughput information is not required to determine compliance. Emissions are fugitive.

Emission Source/Control: I0012 - Process

Item 56.49(From Mod 0):

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



Emission Unit: U-RMHND
Process: B03 Source Classification Code: 3-05-006-12

Process Description:
Operating of material reclaimer and transfer of stored materials (belts 906, 953, 955, 950 and 956 and the storage pile). Materials transferred include stone, silica bearing, iron bearing, calcium bearing, and other raw materials with similar physical and chemical composition. Emissions from this process are insignificant per 6 NYCRR 201-6.3 (d) (7). Throughput information is not required to determine compliance. The emissions from this process are fugitive. Emissions from this process are insignificant per 6 NYCRR 201-6.3 (d) (7). Throughput information is not required to determine compliance. The emissions from this process are fugitive.

Emission Source/Control: 00950 - Process

Item 56.50(From Mod 0):

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

Emission Unit: U-RMHND
Process: B05 Source Classification Code: 3-05-006-12

Process Description:
Transfer of raw materials to and from storage silos and the silos themselves. Transfers include 950 to 955, 955 to 956, 956 to 957, 957 to 959, 959 to 958, 958 to 960 and 960 to silos.

Emission Source/Control: 00955 - Process

Emission Source/Control: 00956 - Process

Emission Source/Control: 00957 - Process

Item 56.51(From Mod 0):

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

Emission Unit: U-SHPNG
Process: P01 Source Classification Code: 3-05-006-18

Process Description:
Equipment for transferring and storing (silos) finished product (cement) for bulk shipment.

Emission Source/Control: 7333A - Process
Design Capacity: 100 tons per hour

Item 56.52(From Mod 0):

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



Emission Unit: U-SHPNG
Process: P02 Source Classification Code: 3-05-006-19
Process Description:
Equipment for bulk loading of finished product (cement)
into railcars and trucks.

Emission Source/Control: 6059B - Control
Control Type: FABRIC FILTER

Emission Source/Control: 7200B - Control
Control Type: FABRIC FILTER

Emission Source/Control: 6059A - Process
Design Capacity: 600 tons per hour

Emission Source/Control: 7200A - Process
Design Capacity: 600 tons per hour

Item 56.53(From Mod 0):

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

Emission Unit: U-SHPNG
Process: P03 Source Classification Code: 3-05-006-18
Process Description:
The silo 33 air slide system used in the transfer of
finished product (cement).

Emission Source/Control: 7505B - Control
Control Type: FABRIC FILTER

Emission Source/Control: 7526B - Control
Control Type: FABRIC FILTER

Emission Source/Control: 7505A - Process
Design Capacity: 600 tons per hour

Emission Source/Control: 7526A - Process
Design Capacity: 600 tons per hour

Item 56.54(From Mod 0):

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

Emission Unit: U-SHPNG
Process: Q01 Source Classification Code: 3-05-006-18
Process Description:
Equipment for transferring and storing (silos) finished
product (cement) for packaging.

Emission Source/Control: 6245B - Control
Control Type: FABRIC FILTER

Emission Source/Control: 6255B - Control

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Control Type: FABRIC FILTER

Emission Source/Control: 6245A - Process
Design Capacity: 50 tons per hour

Emission Source/Control: 6255A - Process
Design Capacity: 50 tons per hour

Item 56.55(From Mod 0):

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

Emission Unit: U-SHPNG
Process: Q03 Source Classification Code: 3-05-006-19
Process Description: A cement packaging (bagging) machine.

Emission Source/Control: 6375B - Control
Control Type: FABRIC FILTER

Emission Source/Control: 6375A - Process
Design Capacity: 50 tons per hour

Condition 57: Process Permissible Emissions
Effective between the dates of 11/20/2006 and 11/19/2011

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 57.1:

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:	U-CLTRN	Process:	K06
CAS No:	0NY075-00-0	(From Mod 0)	
Name:	PARTICULATES		
PTE(s):	2.83 pounds per hour		24,790.8 pounds per year
CAS No:	0NY075-00-5	(From Mod 0)	
Name:	PM-10		
PTE(s):	2.38 pounds per hour		20,848.8 pounds per year

Condition 58: Part 63 General Provisions requirements
Effective between the dates of 11/20/2006 and 11/19/2011

Applicable Federal Requirement:40CFR 63.1342, Subpart LLL

Item 58.1:

This Condition applies to Emission Unit: 0-UKILN

Item 58.2:

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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 71: Fuel sulfur content
Effective between the dates of 11/20/2006 and 11/19/2011

Applicable Federal Requirement:6 NYCRR 220.6 (a)

Item 71.1:

This Condition applies to Emission Unit: 0-UKILN Emission Point: 01070

Item 71.2:

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

Condition 73: Compliance Certification
Effective between the dates of 11/20/2006 and 11/19/2011

Applicable Federal Requirement:6 NYCRR 225-2.4 (a)

Item 73.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-UKILN Emission Point: 01070

Item 73.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The amount of on-site generated compressor condensate combusted in the kiln will be metered (before insertion into the kiln) and the amounts and dates/times of combustion noted using a manual or computerized recordkeeping system.

Parameter Monitored: VOLUMETRIC FLOW RATE

Upper Permit Limit: 20.0 gallons per hour

Monitoring Frequency: CONTINUOUS

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

Condition 74: Compliance Certification
Effective between the dates of 11/20/2006 and 11/19/2011

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

Item 74.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-UKILN

Emission Point: 01070

Item 74.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Cement kiln opacity standard. Owners and/or operators of cement kilns shall install, calibrate, maintain and operate a continuous monitor for opacity. Excess emission reports shall be sent semiannually to the Administrator and/or his or her designated representative. Copies of all opacity readings shall be maintained for a period of five years. There are two (2) emission points from the ESP on the kiln and each one is subject to the 20% opacity limit.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

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 1/30/2007.

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

Condition 75: Compliance Certification
Effective between the dates of 11/20/2006 and 11/19/2011

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

Item 75.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-UKILN

Emission Point: 01070

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 75.2:

Compliance Certification shall include the following monitoring:

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Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Particulate matter standard, lb/ton of feed (dry basis),
for cement kilns.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.3 pounds per ton

Reference Test Method: Method 5

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 76: Compliance Certification
Effective between the dates of 11/20/2006 and 11/19/2011

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

Item 76.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-UKILN

Emission Point: 01122

Item 76.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Clinker cooler opacity standard. Owners and/or operators
of clinker coolers shall install, calibrate, maintain and
operate a continuous monitor for opacity. Excess emission
reports shall be sent semiannually to the Administrator
and/or his or her designated representative. Copies of
all opacity readings shall be maintained for a period of
two years.

Parameter Monitored: OPACITY

Upper Permit Limit: 10 percent

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 1/30/2007.

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



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

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

Item A: 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 77: Contaminant List
Effective between the dates of 11/20/2006 and 11/19/2011

Applicable State Requirement:ECL 19-0301

Item 77.1:
Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

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



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

CAS No: 0NY100-00-0
Name: HAP

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

Condition 2-5: Unavoidable noncompliance and violations
Effective between the dates of 06/30/2011 and 11/19/2011

Applicable State Requirement: 6 NYCRR 201-1.4

Item 2-5.1:

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

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

(e) In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets.

Condition 2-6: Air pollution prohibited
Effective between the dates of 06/30/2011 and 11/19/2011

Applicable State Requirement:6 NYCRR 211.2

Item 2-6.1:

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 2-7: Compliance Demonstration
Effective between the dates of 06/30/2011 and 11/19/2011

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

Item 2-7.1:

The Compliance Demonstration activity will be performed for the Facility.

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

Item 2-7.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Emissions of Oxides of Nitrogen (NOx) from the cement kiln are limited to no more than 2.88 pounds per ton of clinker produced. This is based upon the use of selective non-catalytic reduction (SNCR) with a manufacturer's guarantee of 50% control, as proposed in Lehigh's NOx RACT plan, submitted electronically on November 30, 2010 and subsequently amended.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: CLINKER

Manufacturer Name/Model Number: ABB/Advance Optima Limas Model 11 NDUV Analyzer

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Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 2.88 pounds per ton
Reference Test Method: CFR 60/App A/Mt 4.7
Monitoring Frequency: DAILY
Averaging Method: 30 DAY ROLLING AVERAGE, ROLLED DAILY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2012.
Subsequent reports are due every 6 calendar month(s).

Condition 2-8: Compliance Demonstration
Effective between the dates of 06/30/2011 and 11/19/2011

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

Item 2-8.1:

The Compliance Demonstration activity will be performed for the Facility.

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

Item 2-8.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

By December 1, 2010 the owner or operator of a Portland cement kiln that was in operation prior to the effective date of this Subpart must submit a RACT analysis, and an application for a permit modification in accordance with the provisions of Subpart 201-6 of this Title unless the existing NOx control equipment and emission limit(s) are determined to be RACT. RACT, as approved by the department, must be implemented by July 1, 2012.

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 1/30/2012.

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

Condition 2-9: Compliance Demonstration
Effective between the dates of 06/30/2011 and 11/19/2011

Applicable State Requirement:6 NYCRR 220-1.6 (b) (4)

Item 2-9.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: 0-UKILN Emission Point: 01070

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Regulated Contaminant(s):

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

Item 2-9.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The NOx RACT limit was established under the terms of the Consent Order file No. D5-0001-97-06.

Manufacturer Name/Model Number: ABB/Advance Optima Limas Model 11 NDUV Analyzer

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 372.7 pounds per hour

Reference Test Method: CFR 60/APP A/MT 4.7

Monitoring Frequency: CONTINUOUS

Averaging Method: 30-DAY ROLLING AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2011.

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

