

New York State Department of Environmental Conservation
Facility DEC ID: 5520500013



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: 01/02/2001 Expiration Date: 01/01/2006
Mod 1 Effective Date: 10/01/2002 Expiration Date: 01/01/2006

Permit Issued To: GLENS FALLS LEHIGH CEMENT CO INC
313 WARREN ST
PO BOX 440
GLENS FALLS, NY 12801-0440

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

Contact: RICHARD MOSS
GLENS FALLS LEHIGH CEMENT CO INC
313 WARREN STREET PO BOX 440
GLENS FALLS, NY 12801-0440

Description:

The Glens Falls Cement Company facility, 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 pyroprocessing system (Emission Unit U-KILN);

and (Emission Unit U-FUEL);

- Cement clinker transport and storage (Emission Unit U-CLTRN);
- Precrusher (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:



New York State Department of Environmental Conservation
Facility DEC ID: 5520500013

6 NYCRR 200
6 NYCRR 202-2
6 NYCRR 211.2
6 NYCRR 211.3

6 NYCRR 215.2
6 NYCRR 220.4(c)
40 CFR 82.106 (SubPart E)

Quarry Operations (Emission Unit U-QUARY) - Glens Falls 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 reclaimer 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 (Pyroprocessing) 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 204
6 NYCRR 212.3(a)
6 NYCRR 220.3(a)
6 NYCRR 220.6(b)(1)
6 NYCRR 220.8(a & b)
6 NYCRR 225-1.2(a)(2)

40 CFR 75
40 CFR 60.7 (SubPart A)
40 CFR 60.8 (SubPart A)
40 CFR 60.11 (SubPart A)
40 CFR 60.13 (SubPart A)
40 CFR 60 (SubPart F)

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) - 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



New York State Department of Environmental Conservation
Facility DEC ID: 5520500013

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 silow, 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).

Precrusher (Polycom) System (Emission Unit U-PLYCM) - Prior to entering the finishing stage of the manufacturing process, clinker is coneyed 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

uirements 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 precrushed clinker into saleable product. Clinker is conveyed to the mills where it is mixed with additional solids (such as gypsum, limestone, or other 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 requirments of mance 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

New York State Department of Environmental Conservation
Facility DEC ID: 5520500013



packaged.

Applicable Requirements Include:

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

40 CFR 60.11
40 CFR 60 (SubPart F)

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 (NOx) under 6 NYCRR 220.6(b)(1-3). Emissions of sulfur compounds are indirectly regulated through the sulfur in fuel limits contained in 6 NYCRR 225 and 6 NYCRR 220.6(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: WALTER L HAYNES
 DIVISION OF ENVIRONMENTAL PERMITS
 232 HUDSON ST, PO BOX 220
 WARRENSBURG, NY 12885-0220

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 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 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.

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

Relationship of this Permit to Other Department Orders and Determinations
Facility Inspection by the Department

Renewals and Modifications

Applications for Permit Renewals and Modifications
Permit Modifications, Suspensions and 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



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

Item 2.1:

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

Condition 1: 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 1-1: Applications for Permit Renewals and Modifications
Applicable State Requirement: 6NYCRR 621.13

Item 1-1.1:

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

Item 1-1.2:

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 1-1.3:

Permits are transferrable with the approval of the department unless specifically prohibited by the statute,

New York State Department of Environmental Conservation
Facility DEC ID: 5520500013



regulation or another permit condition. Applications for permit transfer should be submitted prior to actual transfer of ownership.

Permit Renewals and Modifications

Applicable State Requirement: 6NYCRR 621.13(a)

Expired by Mod No: 1

Item 3.1:

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

Item 3.2:

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

Condition 1-2: Permit Modifications, Suspensions and Revocations by the Department

Applicable State Requirement: 6NYCRR 621.14

Item 1-2.1:

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 4: Permit Modifications, Suspensions, and Revocations by the Department

Applicable State Requirement: 6NYCRR 621.14

Expired by Mod No: 1

Item 4.1:

The Department reserves the right to modify, suspend, or revoke this permit. The grounds for modification, suspension or revocation include:

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



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

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

Item 5.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 5 Sub-office
Division of Environmental Permits
232 Hudson St, 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: GLENS FALLS LEHIGH CEMENT CO INC
313 WARREN ST
PO BOX 440
GLENS FALLS, NY 12801-0440

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

Contact: RICHARD MOSS
GLENS FALLS LEHIGH CEMENT CO INC
313 WARREN STREET PO BOX 440
GLENS FALLS, NY 12801-0440

Authorized Activity By Standard Industrial Classification Code:



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 24 Emission Unit Definition
 - 1-1 Recordkeeping and reporting of compliance monitoring
 - 1-2 Monitoring, Related Recordkeeping, and Reporting Requirements.
 - 1-3 Compliance Certification
 - 1-4 Compliance Certification
- 26 Non Applicable requirements
- 30 Acceptable procedures
- 31 Acceptable procedures - Stack test report submittal
- 32 Alternate test methods
- 33 Prohibitions
- 34 Compliance Certification
- 35 Recordkeeping requirements
- 38 Opacity reduction program
 - 1-5 Compliance Certification
 - 1-6 Compliance Certification
 - 1-7 Compliance Certification
 - 1-8 Accidental release provisions.
- 39 Standards for labeling of products using ozone-depleting substances

Emission Unit Level

- 41 Emission Point Definition By Emission Unit
- 42 Process Definition By Emission Unit
- 43 Emissions from new emission sources and/or modifications
- 44 Part 63 General Provisions requirements
 - 1-9 Compliance Certification (EU=0-UKILN,Proc=G02)
 - 1-10 Monitoring requirements - D/F emission limit: Kiln
 - 1-11 Compliance Certification (EU=0-UKILN,Proc=G03)
 - 1-12 Monitoring requirements - D/F emission limit: Kiln
- 45 Compliance Certification (EU=0-UKILN,EP=01068)
 - 1-13 Submissions to the Department.
 - 1-14 Content of reports and compliance certifications.
 - 1-15 Compliance Certification (EU=0-UKILN,EP=01070)
 - 1-16 Submission of NOx allowance transfers.
 - 1-17 General provisions.
 - 1-18 Prohibitions.
 - 1-19 Requirements for installation, certification, and data accounting.
 - 1-20 Requirements for recertification of monitoring systems.
 - 1-21 Compliance Certification (EU=0-UKILN,EP=01070)
 - 1-22 Out of control periods.
 - 1-23 Compliance Certification (EU=0-UKILN,EP=01070)
 - 1-24 Compliance Certification (EU=0-UKILN,EP=01070)
- 46 Fuel sulfur content
 - 1-25 Compliance Certification (EU=0-UKILN,EP=01070)



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

- 48 Compliance Certification (EU=0-UKILN,EP=01070)
- 49 Opacity monitor
- 1-26 Compliance Certification (EU=0-UKILN,EP=01070)
- 1-27 EPA Region 2 address.
- 55 Recordkeeping requirements.
- 56 Compliance Certification (EU=0-UKILN,EP=01070)
- 57 Compliance Certification (EU=0-UKILN,EP=01070)
- 58 Facility files for subject sources.
- 59 Compliance Certification (EU=0-UKILN,EP=01070)
- 60 Compliance Certification (EU=0-UKILN,EP=01070)
- 61 Compliance Certification (EU=0-UKILN,EP=01070)
- 62 Compliance Certification (EU=0-UKILN,EP=01070)
- 63 Compliance Certification (EU=0-UKILN,EP=01070)
- 64 Compliance Certification (EU=0-UKILN,EP=01070)
- 65 Compliance Certification (EU=0-UKILN,EP=01070)
- 66 Compliance Certification (EU=0-UKILN,EP=01122)
- 67 Opacity monitor
- 1-28 EPA Region 2 address.
- 69 Recordkeeping requirements.
- 70 Compliance Certification (EU=0-UKILN,EP=01122)
- 71 Compliance Certification (EU=0-UKILN,EP=01122)
- 72 Facility files for subject sources.
- 73 Compliance Certification (EU=0-UKILN,EP=01122)
- 74 Compliance Certification (EU=0-UKILN,EP=01122)
- 75 Compliance Certification (EU=0-UKILN,EP=01122)
- 76 Compliance Certification (EU=0-UKILN,EP=01122)
- 77 Compliance Certification (EU=0-UKILN,EP=01122)
- 78 Compliance Certification (EU=0-UKILN,EP=01122)
- 79 Compliance Certification (EU=0-UKILN,EP=01122)
- 80 Emissions from new emission sources and/or modifications
- 81 Compliance Certification (EU=U-CLTRN,Proc=K06)
- 82 Compliance Certification (EU=U-CLTRN,Proc=K06)
- 83 Compliance Certification (EU=U-CLTRN,Proc=K06)
- 84 Recordkeeping requirements.
- 85 Performance testing timeline.
- 86 Performance test methods.
- 87 Required performance test information.
- 88 Prior notice.
- 89 Performance testing facilities.
- 90 Number of required tests.
- 91 Opacity standard compliance testing.
- 92 Compliance Certification (EU=U-CLTRN,Proc=K06)
- 93 Compliance Certification (EU=U-CLTRN,EP=01118)
- 94 Compliance Certification (EU=U-CLTRN,EP=01118)
- 95 Compliance Certification (EU=U-CLTRN,EP=01119)
- 96 Compliance Certification (EU=U-CLTRN,EP=01119)
- 97 Compliance Certification (EU=U-CLTRN,EP=01119)
- 1-29 Compliance Certification (EU=U-CLTRN,EP=01123)

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



- 1-30 Compliance Certification (EU=U-CLTRN,EP=01123)
- 100 Compliance Certification (EU=U-CLTRN,EP=01811)
- 101 Compliance Certification (EU=U-CLTRN,EP=01811)
- 102 Compliance Certification (EU=U-CLTRN,EP=01811)
- 103 Compliance Certification (EU=U-CLTRN,EP=01812)
- 104 Compliance Certification (EU=U-CLTRN,EP=01812)
- 105 Compliance Certification (EU=U-CLTRN,EP=01812)
- 106 Compliance Certification (EU=U-CLTRN,EP=01910)
- 107 Compliance Certification (EU=U-CLTRN,EP=01910)
- 108 Compliance Certification (EU=U-CLTRN,EP=01910)
- 109 Emissions from existing sources
- 110 Emissions from existing sources
- 111 Emissions from existing sources
- 112 Emissions from existing sources
- 113 Emissions from existing sources
- 114 Emissions from existing sources
- 115 Emissions from existing sources
- 116 Emissions from existing sources
- 117 Emissions from existing sources
- 118 Emissions from existing sources
- 119 Emissions from existing sources
- 120 Emissions from existing sources
- 121 Emissions from existing sources
- 1-31 Compliance Certification (EU=U-FINML,EP=04031)
- 123 Compliance Certification (EU=U-FINML,EP=04031)
- 124 Compliance Certification (EU=U-FINML,EP=04031)
- 125 Emissions from existing sources
- 1-32 Compliance Certification (EU=U-FINML,EP=04032)
- 127 Compliance Certification (EU=U-FINML,EP=04032)
- 128 Compliance Certification (EU=U-FINML,EP=04032)
- 129 Emissions from existing sources
- 1-33 Compliance Certification (EU=U-FINML,EP=06245)
- 131 Compliance Certification (EU=U-FINML,EP=06245)
- 132 Compliance Certification (EU=U-FINML,EP=06245)
- 133 Emissions from existing sources
- 1-34 Compliance Certification (EU=U-FINML,EP=06255)
- 135 Compliance Certification (EU=U-FINML,EP=06255)
- 136 Compliance Certification (EU=U-FINML,EP=06255)
- 137 Emissions from new emission sources and/or modifications
- 138 Compliance Certification (EU=U-FINML,EP=06990)
- 139 Compliance Certification (EU=U-FINML,EP=06990)
- 140 Emissions from new emission sources and/or modifications
- 141 Compliance Certification (EU=U-FINML,EP=07000)
- 142 Compliance Certification (EU=U-FINML,EP=07000)
- 143 Emissions from new emission sources and/or modifications
- 144 Compliance Certification (EU=U-FINML,EP=07010)
- 145 Compliance Certification (EU=U-FINML,EP=07010)
- 146 Emissions from new emission sources and/or modifications



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

- 147 Compliance Certification (EU=U-FINML,EP=07020)
- 148 Compliance Certification (EU=U-FINML,EP=07020)
- 149 Compliance Certification (EU=U-FINML,EP=07020)
- 150 Emissions from new emission sources and/or modifications
- 151 Compliance Certification (EU=U-FINML,EP=07333)
- 152 Compliance Certification (EU=U-FINML,EP=07333)
- 153 Compliance Certification (EU=U-FINML,EP=07333)
- 154 Emissions from new emission sources and/or modifications
- 155 Compliance Certification (EU=U-PLYCM,EP=01904)
- 156 Compliance Certification (EU=U-PLYCM,EP=01904)
- 157 Compliance Certification (EU=U-PLYCM,EP=01904)
- 158 Compliance Certification (EU=U-PLYCM,EP=01905)
- 159 Compliance Certification (EU=U-PLYCM,EP=01905)
- 160 Compliance Certification (EU=U-PLYCM,EP=01905)
- 161 Compliance Certification (EU=U-PLYCM,EP=01906)
- 162 Compliance Certification (EU=U-PLYCM,EP=01906)
- 163 Compliance Certification (EU=U-PLYCM,EP=01906)
- 164 Compliance Certification (EU=U-PLYCM,EP=01936)
- 165 Compliance Certification (EU=U-PLYCM,EP=01936)
- 166 Compliance Certification (EU=U-PLYCM,EP=01936)
- 167 Emissions from existing sources
- 1-35 Compliance Certification (EU=U-QUARY,EP=00902)
- 169 Compliance Certification (EU=U-QUARY,EP=00902)
- 1-36 Compliance Certification (EU=U-QUARY,EP=00913)
- 171 Compliance Certification (EU=U-QUARY,EP=00913)
- 172 Emissions from existing sources
- 173 Compliance Certification (EU=U-RAWGR)
- 174 Compliance Certification (EU=U-RAWGR)
- 1-37 Compliance Certification (EU=U-RAWGR,EP=01009)
- 176 Emissions from existing sources
- 1-38 Compliance Certification (EU=U-RMHND,EP=01033)
- 178 Compliance Certification (EU=U-SHPNG,Proc=P03)
- 179 Compliance Certification (EU=U-SHPNG,Proc=P03)
- 180 Compliance Certification (EU=U-SHPNG,Proc=Q02)
- 181 Emissions from existing sources
- 1-39 Compliance Certification (EU=U-SHPNG,EP=06000)
- 183 Compliance Certification (EU=U-SHPNG,EP=06000)
- 184 Emissions from new emission sources and/or modifications
- 185 Compliance Certification (EU=U-SHPNG,EP=06049)
- 186 Compliance Certification (EU=U-SHPNG,EP=06049)
- 187 Compliance Certification (EU=U-SHPNG,EP=06049)
- 188 Emissions from new emission sources and/or modifications
- 189 Compliance Certification (EU=U-SHPNG,EP=06059)
- 190 Compliance Certification (EU=U-SHPNG,EP=06059)
- 191 Compliance Certification (EU=U-SHPNG,EP=06059)
- 192 Emissions from new emission sources and/or modifications
- 193 Compliance Certification (EU=U-SHPNG,EP=06302)
- 194 Emissions from new emission sources and/or modifications



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

- 195 Compliance Certification (EU=U-SHPNG,EP=06303)
- 196 Emissions from existing sources
- 1-40 Compliance Certification (EU=U-SHPNG,EP=06304)
- 198 Emissions from existing sources
- 1-41 Compliance Certification (EU=U-SHPNG,EP=06305)
- 200 Emissions from existing sources
- 1-42 Compliance Certification (EU=U-SHPNG,EP=06340)
- 202 Emissions from existing sources
- 1-43 Compliance Certification (EU=U-SHPNG,EP=06375)
- 204 Compliance Certification (EU=U-SHPNG,EP=06375)
- 205 Emissions from existing sources
- 1-44 Compliance Certification (EU=U-SHPNG,EP=06695)
- 207 Compliance Certification (EU=U-SHPNG,EP=06695)
- 208 Emissions from existing sources
- 1-45 Compliance Certification (EU=U-SHPNG,EP=07200)
- 210 Emissions from new emission sources and/or modifications
- 211 Emissions from new emission sources and/or modifications

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 1-46 Contaminant List
- 1-47 Unavoidable noncompliance and violations
- 214 Air pollution prohibited
- 3241 - CEMENT, HYDRAULIC

Mod 0 Permit Effective Date: 01/02/2001

Permit Expiration Date: 01/01/2006

Mod 1 Permit Effective Date: 10/01/2002

Permit Expiration Date: 01/01/2006



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: Sealing - 6NYCRR Part 200.5

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

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

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

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

Item B: Acceptable Ambient Air Quality - 6NYCRR Part 200.6

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

Item C: Maintenance of Equipment - 6NYCRR Part 200.7

Any person who owns or operates an air contamination

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



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

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

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

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

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

Item E: Emergency Defense - 6NYCRR Part 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

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



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 F: Recycling and Salvage - 6NYCRR Part 201-1.7

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

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

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

Item H: Public Access to Recordkeeping for Title V Facilities - 6NYCRR Part 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 6NYCRR Part 616 - Public Access to records and Section 114(c) of the Act.

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

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

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



requirements, regulations, or law.

- Item J: Proof of Eligibility for Sources Defined as Trivial Activities - 6 NYCRR Part 201-3.3(a)**
The owner and/or operator of an emission source or unit that is listed as being trivial in 6 NYCRR Part 201 may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.
- Item K: Timely Application for the Renewal of Title V Permits - 6 NYCRR Part 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 L: Certification by a Responsible Official - 6 NYCRR Part 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 M: Requirement to Comply With All Conditions - 6 NYCRR Part 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 N: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission**

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



Requirements - 6 NYCRR Part 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 O: Providing Information Upon Request - 6 NYCRR Part 201-6.5(a)(4)

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

Item P: Cessation or Reduction of Permitted Activity Not a Defense - 6 NYCRR Part 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 Q: Property Rights - 6 NYCRR Part 201-6.5(a)(6)

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

Item R: Fees - 6 NYCRR Part 201-6.5(a)(7)

The owner and/or operator of a stationary source shall pay fees to the department consistent with the fee schedule authorized by 6 NYCRR Subpart 482-2.

Item S: Right to Inspect - 6 NYCRR Part 201-6.5(a)(8)

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

- i. Enter upon the permittee's premises where the permitted

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



facility is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;

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

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

iv. As authorized by the Act, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

Item T: Severability - 6 NYCRR Part 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 U: Progress Reports and Compliance Schedules - 6 NYCRR Part 201-6.5(d)(5)

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

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

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

Item V: Off Permit Changes - 6 NYCRR Part 201-6.5(f)(6)

No permit revision will be required for operating changes that contravene an express permit term, provided that such

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



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 provisions 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 in advance of the proposed changes within a minimum of 7 days as required by 6 NYCRR §201-6.5(f)(6).

Item W: Permit Shield - 6 NYCRR Part 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

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



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 X: Reopening for Cause - 6 NYCRR Part 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

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



a shorter time period in the case of an emergency.

Item Y: Required Emission Tests - 6 NYCRR Part 202-1.1

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

Item Z: Visible Emissions Limited - 6 NYCRR Part 211.3

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.

Item AA: Open Fires - 6 NYCRR Part 215

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

Item BB: 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 CC: Federally Enforceable Requirements - 40 CFR 70.6(b)

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



All terms and conditions in this permit required by the Act or any applicable requirement, including any provisions designed to limit a facility's potential to emit, are enforceable by the Administrator and citizens under the Act. The Department has, in this permit, specifically designated any terms and conditions that are not required under the Act or under any of its applicable requirements as being enforceable under only state regulations.

FEDERAL APPLICABLE REQUIREMENTS

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

Condition 24: Emission Unit Definition
Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 201-6.

Item 24.1(From Mod 1):

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

Item 24.2(From Mod 1):

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



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

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 24.3(From Mod 1):

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 24.4(From Mod 1):

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 24.5(From Mod 1):

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



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

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 24.6(From Mod 1):

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 24.7(From Mod 1):

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

Item 24.8(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

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



(OR OTHER SOLID FUELS) FOR USE IN THE PYROPROCESSING (KILN) SYSTEM. PROCESSES INCLUDE THE LOADING, UNLOADING, HAULING, AND STORAGE OF THE FUEL AND PREPARATION OF THE FUEL (BY CRUSHING) FOR USE.

ALTERNATIVE FUELS (WHEN USED) 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 24.9(From Mod 0):

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

Emission Unit: U-PLYCM

Emission Unit Description:

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 WITH IN 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

**Condition 1-1: Recordkeeping and reporting of compliance monitoring
Effective between the dates of 10/01/2002 and 01/01/2006**

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

Item 1-1.1:

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

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



(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 1-2: Monitoring, Related Recordkeeping, and Reporting Requirements.

Effective between the dates of 10/01/2002 and 01/01/2006

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

Item 1-2.1:

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 1-3: Compliance Certification

Effective between the dates of 10/01/2002 and 01/01/2006

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

Item 1-3.1:

The Compliance Certification activity will be performed for the Facility.

Item 1-3.2:

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

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



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.

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



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 MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 1-4: Compliance Certification

Effective between the dates of 10/01/2002 and 01/01/2006

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



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

Replaces Condition(s) 28

Item 1-4.1:

The Compliance Certification activity will be performed for the Facility.

Item 1-4.2:

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

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



Department.

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

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

The address for the RAPCE is as follows:

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 1/30/2002.

Subsequent reports are due on the same day each year

Condition 26: Non Applicable requirements
Effective between the dates of 01/02/2001 and 01/01/2006

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

Item 26.1:

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-

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



applicable.

Condition 30: Acceptable procedures
Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 202-1.3

Item 30.1:

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 31: Acceptable procedures - Stack test report submittal
Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 202-1.3

Item 31.1:

Emission test reports must be submitted in triplicate to the commissioner within 60 days after the completion of the tests, unless additional time is requested in writing.

Condition 32: Alternate test methods
Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 202-1.3

Item 32.1:

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 33: Prohibitions
Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 202-1.5

Item 33.1:

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 34: Compliance Certification
Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 202-2.1

Item 34.1:

The Compliance Certification activity will be performed for the Facility.

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



Item 34.2:

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 35: Recordkeeping requirements

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 202-2.5

Item 35.1:

(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 38: Opacity reduction program

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 220.4(c)

Item 38.1:

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

Condition 1-5: Compliance Certification

Effective between the dates of 10/01/2002 and 01/01/2006

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

Item 1-5.1:

The Compliance Certification activity will be performed for the Facility.



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

Item 1-5.2:

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

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 1/30/2003.

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

Condition 1-6: Compliance Certification

Effective between the dates of 10/01/2002 and 01/01/2006

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

Item 1-6.1:

The Compliance Certification activity will be performed for the Facility.

Item 1-6.2:

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.



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

The initial report is due 1/30/2003.

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

Condition 1-7: Compliance Certification

Effective between the dates of 10/01/2002 and 01/01/2006

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

Item 1-7.1:

The Compliance Certification activity will be performed for the Facility.

Item 1-7.2:

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 1/30/2003.

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

Condition 1-8: Accidental release provisions.

Effective between the dates of 10/01/2002 and 01/01/2006

Applicable Federal Requirement: 40CFR 68.

Item 1-8.1:

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 Table 1, 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 (if not previously submitted) one of the following if such quantities are present at the time of permit issuance:

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



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

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:

USEPA Region 2
Air Compliance Branch
290 Broadway
New York, NY 10007-1866
ATTN: Accidental Release Program contact

Condition 39: Standards for labeling of products using ozone-depleting substances
Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 40CFR 82, Subpart E

Item 39.1:

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

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

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

Condition 41: Emission Point Definition By Emission Unit
Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 201-6.

Item 41.1(From Mod 1):

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

Emission Unit: 0-UKILN



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

Emission Point: 01070
Height (ft.): 76 Diameter (in.): 76
NYTMN (km.): 4795.824 NYTME (km.): 611.032 Building: PRECIP

Emission Point: 01122
Height (ft.): 70 Diameter (in.): 114
NYTMN (km.): 4795.824 NYTME (km.): 611.032 Building: COOLER

Item 41.2(From Mod 1):

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

Emission Unit: U-CLTRN

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

Item 41.3(From Mod 1):

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: 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

Item 41.4(From Mod 1):

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.): 4795.824 NYTME (km.): 611.032

Emission Point: 00913



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

Height (ft.): 76 Length (in.): 16 Width (in.): 18
NYTMN (km.): 4795.824 NYTME (km.): 611.032 Building: RAWMAT

Item 41.5(From Mod 1):

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

Item 41.6(From Mod 1):

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

Emission Unit: U-RMHND

Emission Point: 01033
Height (ft.): 88 Diameter (in.): 16
NYTMN (km.): 4795.824 NYTME (km.): 611.032 Building: KFSILO

Item 41.7(From Mod 1):

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

Emission Unit: U-SHPNG

Emission Point: 06000
Height (ft.): 15 Diameter (in.): 7
NYTMN (km.): 4795.824 NYTME (km.): 611.032 Building: STSILO

Emission Point: 06304
Height (ft.): 8 Length (in.): 4 Width (in.): 6
NYTMN (km.): 4795.824 NYTME (km.): 611.032

Emission Point: 06305
Height (ft.): 8 Length (in.): 4 Width (in.): 6
NYTMN (km.): 4795.824 NYTME (km.): 611.032

Emission Point: 06340
Height (ft.): 8 Length (in.): 4 Width (in.): 6
NYTMN (km.): 4795.824 NYTME (km.): 611.032

Emission Point: 06375
Height (ft.): 33 Length (in.): 27 Width (in.): 15
NYTMN (km.): 4795.824 NYTME (km.): 611.032 Building: WAREPK

Emission Point: 06695
Height (ft.): 15 Length (in.): 18 Width (in.): 18



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

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

Item 41.8(From Mod 0):

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.): 4795.824 NYTME (km.): 611.032 Building: KFSILO

Emission Point: 01068

Height (ft.): 54 Diameter (in.): 10

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

Item 41.9(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 Length (in.): 18 Width (in.): 16

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

Emission Point: 01119

Height (ft.): 67 Length (in.): 18 Width (in.): 16

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

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

Building: CLSILO

Emission Point: 01910

Height (ft.): 25 Length (in.): 8 Width (in.): 8

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



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

Emission Point: 0K06A	Diameter (in.): 19	
Height (ft.): 7		
Emission Point: 0K06B	Length (in.): 13	Width (in.): 11
Height (ft.): 71		
Emission Point: 0K06C	Length (in.): 15	Width (in.): 12
Height (ft.): 56		

Item 41.10(From Mod 0):

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

Emission Unit: U-FINML		
Emission Point: 04210	Diameter (in.): 14	Building: FINISH
Height (ft.): 20		
Emission Point: 04230	Diameter (in.): 14	Building: FINISH
Height (ft.): 20		
Emission Point: 04250	Diameter (in.): 30	Building: FINISH
Height (ft.): 50		
Emission Point: 04270	Diameter (in.): 48	Building: FINISH
Height (ft.): 110		
Emission Point: 04290	Diameter (in.): 16	Building: FINISH
Height (ft.): 100		
Emission Point: 06990	Length (in.): 9	Width (in.): 11
Height (ft.): 172		
NYTMN (km.): 4795.824	NYTME (km.): 611.032	Building: STSILO
Emission Point: 07000	Length (in.): 9	Width (in.): 11
Height (ft.): 172		
NYTMN (km.): 4795.824	NYTME (km.): 611.032	Building: STSILO
Emission Point: 07010	Length (in.): 9	Width (in.): 11
Height (ft.): 172		
NYTMN (km.): 4795.824	NYTME (km.): 611.032	Building: STSILO
Emission Point: 07020	Length (in.): 11	Width (in.): 9
Height (ft.): 172		



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

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: 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 41.11(From Mod 0):

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

Emission Unit: U-PLYCM

Emission Point: 01904

Height (ft.): 8 Length (in.): 4 Width (in.): 10

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

Emission Point: 01905

Height (ft.): 8 Length (in.): 4 Width (in.): 10

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

Emission Point: 01906

Height (ft.): 8 Length (in.): 4 Width (in.): 10

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

Emission Point: 01936

Height (ft.): 99 Length (in.): 17 Width (in.): 20

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

Item 41.12(From Mod 0):

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

Emission Unit: U-RAWGR

Emission Point: PTRAW

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

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

Item 41.13(From Mod 0):

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

Emission Unit: U-RMHND



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

Emission Point: PT950
Height (ft.): 15 Length (in.): 144 Width (in.): 132
NYTMN (km.): 4795.824 NYTME (km.): 611.032

Item 41.14(From Mod 0):

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

Emission Unit: U-SHPNG

Emission Point: 06049
Height (ft.): 15 Length (in.): 8 Width (in.): 8
NYTMN (km.): 4795.824 NYTME (km.): 611.032

Emission Point: 06059
Height (ft.): 30 Length (in.): 11 Width (in.): 13
NYTMN (km.): 4795.824 NYTME (km.): 611.032

Emission Point: 06302
Height (ft.): 8 Length (in.): 4 Width (in.): 6
NYTMN (km.): 4795.824 NYTME (km.): 611.032

Emission Point: 06303
Height (ft.): 8 Length (in.): 4 Width (in.): 6
NYTMN (km.): 4795.824 NYTME (km.): 611.032

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 42: Process Definition By Emission Unit
Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 201-6.

Item 42.1(From Mod 1):

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.



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

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

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

Item 42.2(From Mod 1):

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 42.3(From Mod 1):

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 42.4(From Mod 1):

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.

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



Emission Source/Control: H1147 - Process

Item 42.5(From Mod 1):

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 42.6(From Mod 1):

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, or compressor condensate generated on-site.

Emission Source/Control: 1070B - Control

Control Type: ELECTROSTATIC PRECIPITATOR

Emission Source/Control: 1070A - Process

Design Capacity: 160 tons per hour

Item 42.7(From Mod 1):

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



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

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, or compressor condensate generate on-site.

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

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

Item 42.8(From Mod 1):

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 42.9(From Mod 1):

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 (silos 1 system).

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

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

Item 42.10(From Mod 1):

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 (silos 2 system).

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



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

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

Item 42.11(From Mod 1):

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 42.12(From Mod 1):

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 42.13(From Mod 1):

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

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



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

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

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 42.14(From Mod 1):

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



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

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 42.15(From Mod 1):

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 42.16(From Mod 1):

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 42.17(From Mod 1):

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

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



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 42.18(From Mod 1):

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 42.19(From Mod 1):

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 42.20(From Mod 1):

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

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



process are fugitive.

Emission Source/Control: MR003 - Process

Item 42.21(From Mod 1):

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 42.22(From Mod 1):

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 42.23(From Mod 1):

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



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

Item 42.24(From Mod 1):

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 42.25(From Mod 1):

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

Emission Unit: U-FINML

Process: M11

Source Classification Code: 3-05-006-12

Process Description:

Equipment and processes associated with transfer of materials within the crane bay. 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: 02008 - Process

Emission Source/Control: 02011 - Process

Item 42.26(From Mod 1):

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

Emission Unit: U-FINML

Process: M12

Source Classification Code: 3-05-006-12

Process Description:

Equipment and processes associated with the transfer of materials to the finish mill storage bins. 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: 02012 - Process

Emission Source/Control: 02014 - Process

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



Item 42.27(From Mod 1):

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: 30008 - Process

Emission Source/Control: 4031A - Process

Design Capacity: 50 tons per hour

Item 42.28(From Mod 1):

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: 30017 - Process

Emission Source/Control: 4032A - Process

Design Capacity: 50 tons per hour

Item 42.29(From Mod 1):

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.



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

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 42.30(From Mod 1):

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

Emission Unit: U-FINML

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: 6990B - Control
Control Type: FABRIC FILTER

Emission Source/Control: 7000B - Control
Control Type: FABRIC FILTER

Emission Source/Control: 7010B - Control
Control Type: FABRIC FILTER

Emission Source/Control: 7020B - Control
Control Type: FABRIC FILTER

Emission Source/Control: 7333B - Control
Control Type: FABRIC FILTER

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



Emission Source/Control: 6990A - Process
Design Capacity: 50 tons per hour

Emission Source/Control: 7000A - Process
Design Capacity: 50 tons per hour

Emission Source/Control: 7010A - Process
Design Capacity: 50 tons per hour

Emission Source/Control: 7020A - Process
Design Capacity: 50 tons per hour

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

Item 42.31(From Mod 1):

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

Emission Unit: U-FINML

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
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 42.32(From Mod 1):

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.



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

Emission Source/Control: OB012 - Process

Item 42.33(From Mod 1):

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 42.34(From Mod 1):

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 42.35(From Mod 1):

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.

Emission Source/Control: ST003 - Process

Item 42.36(From Mod 1):

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

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



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 42.37(From Mod 1):

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 42.38(From Mod 1):

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

Item 42.39(From Mod 1):

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



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

Control Type: FABRIC FILTER

Emission Source/Control: 0913A - Process

Design Capacity: 130 tons per hour

Item 42.40(From Mod 1):

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 42.41(From Mod 1):

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 42.42(From Mod 1):

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 42.43(From Mod 1):



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

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 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: 10010 - Process

Emission Source/Control: 10020 - Process

Emission Source/Control: 1009A - Process

Design Capacity: 200 tons per hour

Item 42.44(From Mod 1):

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 42.45(From Mod 1):

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).

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



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 42.46(From Mod 1):

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 42.47(From Mod 1):

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: 1033B - Control

Control Type: FABRIC FILTER

Emission Source/Control: 1033A - Process

Design Capacity: 600 tons per hour

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



Item 42.48(From Mod 1):

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: 6000B - Control

Control Type: FABRIC FILTER

Emission Source/Control: 6049B - Control

Control Type: FABRIC FILTER

Emission Source/Control: 6059B - Control

Control Type: FABRIC FILTER

Emission Source/Control: 7200B - Control

Control Type: FABRIC FILTER

Emission Source/Control: 6000A - Process

Design Capacity: 600 tons per hour

Emission Source/Control: 6049A - Process

Design Capacity: 600 tons per hour

Emission Source/Control: 6059A - Process

Design Capacity: 600 tons per hour

Emission Source/Control: 7200A - Process

Design Capacity: 600 tons per hour

Item 42.49(From Mod 1):

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

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



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

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

Item 42.50(From Mod 1):

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

Emission Unit: U-SHPNG

Process: Q02

Source Classification Code: 3-05-006-18

Process Description:

Equipment for transferring finished product (cement) from the storage silos to the packaging and bulk loading areas.

Emission Source/Control: 6302B - Control
Control Type: FABRIC FILTER

Emission Source/Control: 6303B - Control
Control Type: FABRIC FILTER

Emission Source/Control: 6304B - Control
Control Type: FABRIC FILTER

Emission Source/Control: 6305B - Control
Control Type: FABRIC FILTER

Emission Source/Control: 6340B - Control
Control Type: FABRIC FILTER

Emission Source/Control: 6302A - Process
Design Capacity: 70 tons per hour

Emission Source/Control: 6303A - Process
Design Capacity: 70 tons per hour

Emission Source/Control: 6304A - Process
Design Capacity: 70 tons per hour

Emission Source/Control: 6305A - Process
Design Capacity: 70 tons per hour

Emission Source/Control: 6340A - Process
Design Capacity: 70 tons per hour

Item 42.51(From Mod 1):



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

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

Item 42.52(From Mod 1):

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

Emission Unit: U-SHPNG
Process: Q04 Source Classification Code: 3-05-006-19
Process Description: A cement packaging (bagging) machine.

Emission Source/Control: 6695B - Control
Control Type: FABRIC FILTER

Emission Source/Control: 6695A - Process
Design Capacity: 50 tons per hour

Item 42.53(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 42.54(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:

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



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 42.55(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 42.56(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: 1904B - Control

Control Type: FABRIC FILTER

Emission Source/Control: 1905B - Control

Control Type: FABRIC FILTER

Emission Source/Control: 1906B - Control

Control Type: FABRIC FILTER



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

Emission Source/Control: 1936B - Control
Control Type: FABRIC FILTER

Emission Source/Control: 01903 - Process

Emission Source/Control: 1904A - Process
Design Capacity: 100 tons per hour

Emission Source/Control: 1905A - Process
Design Capacity: 100 tons per hour

Emission Source/Control: 1906A - Process
Design Capacity: 100 tons per hour

Emission Source/Control: 1936A - Process
Design Capacity: 200 tons per hour

Item 42.57(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

**Condition 43: Emissions from new emission sources and/or modifications
Effective between the dates of 01/02/2001 and 01/01/2006**

Applicable Federal Requirement: 6NYCRR 212.4(a)

Item 43.1:

This Condition applies to Emission Unit: 0-UFUEL

Item 43.2:

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

**Condition 44: Part 63 General Provisions requirements
Effective between the dates of 01/02/2001 and 01/01/2006**

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



Applicable Federal Requirement: 40CFR 63.1342, Subpart LLL

Item 44.1:

This Condition applies to Emission Unit: 0-UKILN

Item 44.2:

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

Condition 1-9: Compliance Certification

Effective between the dates of 10/01/2002 and 01/01/2006

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

Item 1-9.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-UKILN

Process: G02

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 1-9.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



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: 23

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 1-10: Monitoring requirements - D/F emission limit: Kiln
Effective between the dates of 10/01/2002 and 01/01/2006**

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

Item 1-10.1:

This Condition applies to Emission Unit: 0-UKILN
Process: G02

Item 1-10.2:

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

**Condition 1-11: Compliance Certification
Effective between the dates of 10/01/2002 and 01/01/2006**

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

Item 1-11.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-UKILN
Process: G03

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

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



Item 1-11.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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: 23

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 1-12: Monitoring requirements - D/F emission limit: Kiln
Effective between the dates of 10/01/2002 and 01/01/2006**

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

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



Item 1-12.1:

This Condition applies to Emission Unit: 0-UKILN
Process: G03

Item 1-12.2:

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

Condition 45: Compliance Certification
Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 40CFR 60.62, NSPS Subpart F

Item 45.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-UKILN Emission Point: 01068

Item 45.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Opacity standard for sources at an affected facility
other than the kiln or clinker cooler.

Parameter Monitored: OPACITY

Upper Permit Limit: 10 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 1-13: Submissions to the Department.
Effective between the dates of 10/01/2002 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 204-2.1

Item 1-13.1:

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

Item 1-13.2: Each submission under the NO_x Budget Trading Program shall be submitted, signed and certified by the NO_x authorized account representative for each NO_x Budget source on behalf of which the submission is made. Each submission shall include a certification statement (as stated in paragraph



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

204-2.1(e)(1)) by the NOx authorized account representative.

Condition 1-14: Content of reports and compliance certifications.
Effective between the dates of 10/01/2002 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 204-4.1

Item 1-14.1:

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

Item 1-14.2: The NOx authorized account representative shall include in the compliance certification report the following elements, in a format prescribed by the Administrator, concerning each unit at the source and subject to the NOx Budget emissions limitation for the control period covered by the report:

- (1) Identification of each NOx Budget unit; and
- (2) In the compliance certification report the NOx authorized account representative shall certify, based on reasonable inquiry of those persons with primary responsibility for operating the source and the NOx Budget units at the source in compliance with the NOx Budget Trading Program, whether each NOx Budget unit for which the compliance certification is submitted was operated during the calendar year covered by the report in compliance with the requirements of the NOx Budget Trading Program applicable to the unit, including:
 - (i) Whether the unit was operated in compliance with the NOx Budget emissions limitation;
 - (ii) Whether the monitoring plan that governs the unit has been maintained to reflect the actual operation and monitoring of the unit, and contains all information necessary to attribute NOx emissions to the unit, in accordance with Subpart 204-8;
 - (iii) Whether all the NOx emissions from the unit, or a group of units (including the unit) using a common stack, were monitored or accounted for through the missing data procedures and reported in the quarterly monitoring reports, including whether conditional data were reported in the quarterly reports in accordance with Subpart 204-8. If conditional data were reported, the owner or operator shall indicate whether the status of all conditional data has been resolved and all necessary quarterly report resubmissions has been made;
 - (iv) Whether the facts that form the basis for certification under Subpart 204-8 of each monitor at the unit or a group of units (including the unit) using a common stack, or for using an excepted monitoring method or alternative monitoring method approved under Subpart 204-8, if any, has changed; and
 - (v) If a change is required to be reported under item (iv) above, specify the nature of the change, the reason for the change, when the change occurred, and how the unit's compliance status was determined subsequent to the change, including what method was used to determine emissions when a change mandated the need for monitor recertification.

Condition 1-15: Compliance Certification
Effective between the dates of 10/01/2002 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 204-4.1

Item 1-15.1:



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

The Compliance Certification activity will be performed for:

Emission Unit: 0-UKILN Emission Point: 01070

Item 1-15.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For each control period in which one or more NO_x Budget units at a source are subject to the NO_x Budget emissions limitation, the NO_x authorized account representative of the source shall submit to the Department and the Administrator by November 30 of that year, a compliance certification report for each source covering all such units.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 1-16: Submission of NO_x allowance transfers.

Effective between the dates of 10/01/2002 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 204-7.1

Item 1-16.1:

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

Item 1-16.2: The NO_x authorized account representatives seeking recordation of a NO_x allowance transfer shall submit the transfer to the Administrator. To be considered correctly submitted, the NO_x allowance transfer shall include the following elements in a format specified by the Administrator:

- (a) The numbers identifying both the transferor and transferee accounts;
- (b) A specification by serial number of each NO_x allowance to be transferred; and
- (c) The printed name and signature of the NO_x authorized account representative of the transferor account and the date signed.

Condition 1-17: General provisions.

Effective between the dates of 10/01/2002 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 204-8.1

Item 1-17.1:

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

Item 1-17.2: The owners and operators, and to the extent applicable, the NO_x authorized account



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

representative of a NOx Budget unit, shall comply with the monitoring 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 204-1.2 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 replaced by the terms "NOx Budget unit," "NOx authorized account representative," and "continuous emission monitoring system" (or "CEMS"), respectively, as defined in Section 204-1.2.

Condition 1-18: Prohibitions.

Effective between the dates of 10/01/2002 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 204-8.1

Item 1-18.1:

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

Item 1-18.2: No owner or operator of a NOx Budget unit or a non-NOx Budget unit monitored under 40 CFR 75.72(b)(2)(ii) shall:

- (1) use any alternative monitoring system, alternative reference method, or any other alternative for the required continuous emission monitoring system without having obtained prior written approval in accordance with Section 204-8.6;
- (2) 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 except as provided for in 40 CFR 75.74;
- (3) 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, except for periods of recertification or periods when calibration, quality assurance testing, or maintenance is performed in accordance with the applicable provisions of this Subpart and 40 CFR Part 75 except as provided for in 40 CFR 75.74; and
- (4) permanently discontinue use of the continuous emission monitoring system, any component thereof, or any other approved emission monitoring system under this Subpart, except under any one of the following circumstances:
 - (i) 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 discontinued monitoring system; or
 - (ii) The NOx authorized account representative submits notification of the date of certification testing of a replacement monitoring system in accordance with Paragraph 204-8.2(b)(2).

Condition 1-19: Requirements for installation, certification, and data accounting.

Effective between the dates of 10/01/2002 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 204-8.1

Item 1-19.1:



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

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

Item 1-19.2: The owner or operator of each NOx Budget unit must meet the following requirements. These provisions also apply to a unit for which an application for a NOx Budget opt-in permit is submitted and not denied or withdrawn, as provided in Subpart 204-9:

- (1) Install all monitoring systems required under this Subpart for monitoring NOx mass. This includes all systems required to monitor NOx emission rate, NOx concentration, heat input, and air or fuel flow, in accordance with 40 CFR 75.71 and 75.72.
- (2) Install all monitoring systems for monitoring heat input, if required under Section 204-8.7 for developing NOx allowance allocations.
- (3) Successfully complete all certification tests required under Section 204-8.2 and meet all other provisions of this Subpart and 40 CFR Part 75 applicable to the monitoring systems under paragraphs (a)(1) and (2) of this section.
- (4) Record and report data from the monitoring systems under paragraphs (a)(1) and (2) of this section.

Condition 1-20: Requirements for recertification of monitoring systems.
Effective between the dates of 10/01/2002 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 204-8.2

Item 1-20.1:

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

Item 1-20.2: Whenever the owner or operator makes a replacement, modification, or change in a certified monitoring system that the Administrator or the Department determines significantly affects the ability of the system to accurately measure or record NOx mass emissions or heat input or to meet the requirements of 40 CFR 75.21 or Appendix B to 40 CFR Part 75, the owner or operator shall recertify the monitoring system according to 40 CFR 75.20(b). Furthermore, whenever the owner or operator makes a replacement, modification, or change to the flue gas handling system or the unit's operation that the Administrator or the Department determines to significantly change the flow or concentration profile, the owner or operator shall recertify the continuous emissions monitoring system according to 40 CFR 75.20(b). Examples of changes which require recertification include: replacement of the analyzer, change in location or orientation of the sampling probe or site, or changing of flow rate monitor polynomial coefficients.

Condition 1-21: Compliance Certification
Effective between the dates of 10/01/2002 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 204-8.2

Item 1-21.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-UKILN Emission Point: 01070

Item 1-21.2:

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a NOx Budget unit under paragraphs (b)(2) or (b)(3) of this section must determine, record and report NOx mass, heat input (if required for purposes of allocations) and any other values required to determine NOx Mass (e.g. NOx emission rate and heat input or NOx concentration and stack flow) using the provisions of 40 CFR 75.70(g), from the date and hour that the unit starts operating until all required certification tests are successfully completed.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 1-22: Out of control periods.

Effective between the dates of 10/01/2002 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 204-8.3

Item 1-22.1:

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

Item 1-22.2: Whenever any monitoring system fails to meet the quality assurance requirements of Appendix B of 40 CFR Part 75, data shall be substituted using the applicable procedures in Subpart D, Appendix D, or Appendix E of 40 CFR Part 75.

Condition 1-23: Compliance Certification

Effective between the dates of 10/01/2002 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 204-8.4

Item 1-23.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-UKILN Emission Point: 01070

Item 1-23.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The Authorized Account Representative for a NOx Budget unit shall submit written notice to the Department and the

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



USEPA Administrator in accordance with the requirements of this subpart as follows:

All monitoring plans or monitoring plan modifications; compliance certifications, recertifications and quarterly QA/QC reports; and, petitions for alternative monitoring, shall be submitted to the USEPA Administrator (or his/her representatives) as well as two copies to the Department (one copy to the Regional Air Pollution Control Engineer (RAPCES) in the regional office and one one copy to the Bureau of Compliance Monitoring and Enforcement (BCME) in the DEC central office. All Authorized Account Representative changes shall be sent to the NYSDEC central office.

All quarterly emission data shall be electronically filed with the USEPA Clean Air Markets Division with a copy (disc or hard copy) to the NYSDEC offices.

The address for the USEPA Administrator is as follows:

USEPA Clean Air Markets Division
401 M Street SW (6204J)
Washington D.C. 20460

CEM Coordinator
USEPA-Region 2
2890 Woodbridge Avenue
Edison, N.J. 08837

The address for the BCME is as follows:

NYSDEC
Bureau of Compliance Monitoring and Enforcement
625 Broadway, 2nd Floor
Albany N.Y. 12233-3258

ACR changes should be sent to the attention of:

NYSDEC
Stationary Source Planning Section
Bureau of Air Quality Planning
625 Broadway, 2nd Floor
Albany NY 12233-3251

The address for the RAPCE is as follows:

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



Region 5 Suboffice
Hudson Street Extension
P.O. Box 220
Warrensburg, NY 12885

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 1-24: Compliance Certification

Effective between the dates of 10/01/2002 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 204-8.7

Item 1-24.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-UKILN Emission Point: 01070

Item 1-24.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a unit that elects to monitor and report NO_x Mass emissions using a NO_x concentration system and a flow system shall also monitor and report heat input at the unit level using the procedures set forth in 40 CFR Part 75.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 46: Fuel sulfur content

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 220.6(a)

Item 46.1:

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

Item 46.2:

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 1-25: Compliance Certification



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

Effective between the dates of 10/01/2002 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 220.6(b)(1)

Replaces Condition(s) 47

Item 1-25.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-UKILN Emission Point: 01070

Regulated Contaminant(s):

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

Item 1-25.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The NO_x 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: HOURLY

Averaging Method: 30-DAY ROLLING AVERAGE

Reporting Requirements: QUARTERLY (ANNIVERSARY)

Initial Report Due: 10/31/2002 for the period 10/01/2002 through 10/01/2002

Condition 48: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 220.8(a)

Item 48.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-UKILN Emission Point: 01070

Item 48.2:

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

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



monthly.

Monitoring Frequency: DAILY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 49: Opacity monitor

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 220.8(b)

Item 49.1:

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

Item 49.2:

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

Condition 1-26: Compliance Certification

Effective between the dates of 10/01/2002 and 01/01/2006

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

Replaces Condition(s) 53

Item 1-26.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-UKILN Emission Point: 01070

Item 1-26.2:

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 1/30/2003.

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



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

Condition 1-27: EPA Region 2 address.

Effective between the dates of 10/01/2002 and 01/01/2006

Applicable Federal Requirement: 40CFR 60.4, NSPS Subpart A

Replaces Condition(s) 54

Item 1-27.1:

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

Item 1-27.2:

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

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

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

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

Condition 55: Recordkeeping requirements.

Effective between the dates of 01/02/2001 and 01/01/2006

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

Item 55.1:

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

Item 55.2:

Affected owners or operators shall maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.

Condition 56: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



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

Item 56.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-UKILN Emission Point: 01070

Item 56.2:

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.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2001.

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

Condition 57: Compliance Certification
Effective between the dates of 01/02/2001 and 01/01/2006

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



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

Item 57.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-UKILN Emission Point: 01070

Item 57.2:

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 MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2001.

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

Condition 58: Facility files for subject sources.

Effective between the dates of 01/02/2001 and 01/01/2006

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

Item 58.1:

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

Item 58.2:

The following files shall be maintained at the facility for all affected sources: all measurements, including continuous monitoring systems, monitoring device, and performance testing measurements; all continuous monitoring system 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.

Condition 59: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

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

Item 59.1:

The Compliance Certification activity will be performed for:

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



Emission Unit: 0-UKILN Emission Point: 01070

Item 59.2:

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.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 60: Compliance Certification
Effective between the dates of 01/02/2001 and 01/01/2006

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

Item 60.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-UKILN Emission Point: 01070

Item 60.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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,



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

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.

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 61: Compliance Certification
Effective between the dates of 01/02/2001 and 01/01/2006

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

Item 61.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-UKILN Emission Point: 01070

Item 61.2:

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 40CFR60.13(d), 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 40CFR60.13(c) 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 40CFR60.13(c) 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.

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 62: Compliance Certification
Effective between the dates of 01/02/2001 and 01/01/2006

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

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



Item 62.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-UKILN Emission Point: 01070

Item 62.2:

Compliance Certification shall include the following monitoring:

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.

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 63: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

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

Item 63.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-UKILN Emission Point: 01070

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

Item 63.2:

Compliance Certification shall include the following monitoring:

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 64: Compliance Certification
Effective between the dates of 01/02/2001 and 01/01/2006

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

Item 64.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-UKILN Emission Point: 01070

Item 64.2:

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
two years.

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 7/30/2001.

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



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

Condition 65: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 40CFR 60.65, NSPS Subpart F

Item 65.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-UKILN Emission Point: 01070

Item 65.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

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 (ANNIVERSARY)

Initial Report Due: 07/31/2001 for the period 01/02/2001 through 07/01/2001

Condition 66: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 220.8(a)

Item 66.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-UKILN Emission Point: 01122

Item 66.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Monitoring Frequency: DAILY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



Condition 67: Opacity monitor
Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 220.8(b)

Item 67.1:

This Condition applies to Emission Unit: 0-UKILN Emission Point: 01122

Item 67.2:

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

Condition 1-28: EPA Region 2 address.
Effective between the dates of 10/01/2002 and 01/01/2006

Applicable Federal Requirement: 40CFR 60.4, NSPS Subpart A

Replaces Condition(s) 68

Item 1-28.1:

This Condition applies to Emission Unit: 0-UKILN Emission Point: 01122

Item 1-28.2:

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

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

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

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

Condition 69: Recordkeeping requirements.
Effective between the dates of 01/02/2001 and 01/01/2006

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

Item 69.1:



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

This Condition applies to Emission Unit: 0-UKILN Emission Point: 01122

Item 69.2:

Affected owners or operators shall maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.

Condition 70: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

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

Item 70.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-UKILN Emission Point: 01122

Item 70.2:

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,



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

repaired, or adjusted, such information shall be provided in the report.

Monitoring Frequency: CONTINUOUS
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2001.
Subsequent reports are due every 6 calendar month(s).

Condition 71: Compliance Certification
Effective between the dates of 01/02/2001 and 01/01/2006

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

Item 71.1:
The Compliance Certification activity will be performed for:

Emission Unit: 0-UKILN Emission Point: 01122

Item 71.2:
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 MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2001.
Subsequent reports are due every 6 calendar month(s).

Condition 72: Facility files for subject sources.
Effective between the dates of 01/02/2001 and 01/01/2006

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

Item 72.1:
This Condition applies to Emission Unit: 0-UKILN Emission Point: 01122

Item 72.2:
The following files shall be maintained at the facility for all affected sources: all measurements, including continuous monitoring systems, monitoring device, and performance testing measurements; all continuous monitoring system evaluations; all continuous monitoring system or monitoring device



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

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.

Condition 73: Compliance Certification
Effective between the dates of 01/02/2001 and 01/01/2006

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

Item 73.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-UKILN Emission Point: 01122

Item 73.2:

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.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 74: Compliance Certification
Effective between the dates of 01/02/2001 and 01/01/2006

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

Item 74.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-UKILN Emission Point: 01122

Item 74.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Owners and operators of all continuous emission

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



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.

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 75: Compliance Certification
Effective between the dates of 01/02/2001 and 01/01/2006

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

Item 75.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-UKILN Emission Point: 01122

Item 75.2:

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 40CFR60.13(d), 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 40CFR60.13(c) 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 40CFR60.13(c) for measuring emissions, except opacity,



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

shall complete a minimum of one cycle of operation (sampling, analyzing, and data recording) for each successive 15-minute period.

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 76: Compliance Certification
Effective between the dates of 01/02/2001 and 01/01/2006

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

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: 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.

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 77: Compliance Certification
Effective between the dates of 01/02/2001 and 01/01/2006

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



Applicable Federal Requirement: 40CFR 60.62, NSPS Subpart F

Item 77.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-UKILN Emission Point: 01122

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 77.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Particulate matter standard for clinker coolers.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.10 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 78: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

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

Item 78.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-UKILN Emission Point: 01122

Item 78.2:

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.

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



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 7/30/2001.
Subsequent reports are due every 6 calendar month(s).

Condition 79: Compliance Certification
Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 40CFR 60.65, NSPS Subpart F

Item 79.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-UKILN Emission Point: 01122

Item 79.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

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 (ANNIVERSARY)

Initial Report Due: 07/31/2001 for the period 01/02/2001 through 07/01/2001

Condition 80: Emissions from new emission sources and/or modifications
Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.4(a)

Item 80.1:

This Condition applies to Emission Unit: U-CLTRN

Item 80.2:

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

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



Condition 81: Compliance Certification
Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 81.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-CLTRN
Process: K06

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

Item 81.2:

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. Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 82: Compliance Certification
Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 40CFR 52, Subpart A

Item 82.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-CLTRN
Process: K06

Regulated Contaminant(s):
CAS No: 0NY075-00-5 PM-10

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



Item 82.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The sum of all baghouse exhausts for this process, Emission points 0K06A - 0K06C, may not exceed 2.38 lb/hr. Fugitive emissions have been estimated at 0.96 lb/hr. The effective cumulative limit is 3.34 lb/hr or 14.63 tons per year. The control devices will be operated and maintained according to a written operations and maintenance plan (copy attached). Verification, after the initial stack test which need only be conducted on one of the affected sources, shall be per the requirements as follows:

- (i) The owner or operator must conduct a monthly 1-minute visible emissions test of each affected source in accordance with Method 22 of Appendix A to 40CFR 60. The test must be conducted while the affected source is in operation.
- (ii) If no visible emissions are observed in six consecutive monthly tests for any affected source, the owner or operator may decrease the frequency of testing from monthly to semiannually for that affected source. If visible emissions are observed during any semiannual test, the owner or operator must resume testing of that affected source on a monthly basis and maintain that schedule until no visible emissions are observed in six consecutive monthly tests.
- (iii) If no visible emissions are observed during the semiannual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator must resume testing of that affected source on a monthly basis and maintain that schedule until no visible emissions are observed in six consecutive monthly tests.
- (iv) If visible emissions are observed during any Method 22 test, the owner or operator must conduct a 6-minute test of opacity in accordance with Method 9 of appendix A to 40 CFR 60. The Method 9 test must begin within one hour of any observation of visible emissions.



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

Reports must include the results of all Method 22 and Method 9 test results. Reports of exceedances of Method 9 tests are as per the requirements under 40 CFR 60.62(c).

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2001.

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

Condition 83: Compliance Certification
Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 40CFR 52, Subpart A

Item 83.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-CLTRN

Process: K06

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 83.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The sum of all baghouse exhausts for this process, Emission points 0K06A - 0K06C, may not exceed 2.83 lb/hr. Fugitive emissions have been estimated at 2.74 lb/hr. The effective cumulative limit is 5.57 lb/hr or 24.39 tons per year. The control devices will be operated and maintained according to a written operations and maintenance plan (copy attached). Verification, after the initial stack test which need only be conducted on one of the affected sources, shall be per the requirements as follows:

(i) The owner or operator must conduct a monthly 1-minute visible emissions test of each affected source in accordance with Method 22 of Appendix A to 40CFR 60. The test must be conducted while the affected source is in operation.

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



(ii) If no visible emissions are observed in six consecutive monthly tests for any affected source, the owner or operator may decrease the frequency of testing from monthly to semiannually for that affected source. If visible emissions are observed during any semiannual test, the owner or operator must resume testing of that affected source on a monthly basis and maintain that schedule until no visible emissions are observed in six consecutive monthly tests.

(iii) If no visible emissions are observed during the semiannual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator must resume testing of that affected source on a monthly basis and maintain that schedule until no visible emissions are observed in six consecutive monthly tests.

(iv) If visible emissions are observed during any Method 22 test, the owner or operator must conduct a 6-minute test of opacity in accordance with Method 9 of appendix A to 40 CFR 60. The Method 9 test must begin within one hour of any observation of visible emissions.

Reports must include the results of all Method 22 and Method 9 test results. Reports of exceedances of Method 9 tests are as per the requirements under 40 CFR 60.62(c).

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2001.

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

Condition 84: Recordkeeping requirements.

Effective between the dates of 01/02/2001 and 01/01/2006

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

Item 84.1:

This Condition applies to Emission Unit: U-CLTRN

Process: K06

Item 84.2:

Affected owners or operators shall maintain records of occurrence and duration of any startup,



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.

Condition 85: Performance testing timeline.

Effective between the dates of 01/02/2001 and 01/01/2006

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

Item 85.1:

This Condition applies to Emission Unit: U-CLTRN
Process: K06

Item 85.2:

Within 60 days after achieving the maximum production rate, but not later than 180 days after initial startup of the facility, the owner or operator of the facility shall conduct performance testing and provide the results of such tests, in a written report, to the Administrator.

Condition 86: Performance test methods.

Effective between the dates of 01/02/2001 and 01/01/2006

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

Item 86.1:

This Condition applies to Emission Unit: U-CLTRN
Process: K06

Item 86.2:

Performance testing shall be conducted in accordance with the methods and procedures prescribed in this part or by alternative methods and procedures approved by the Administrator.

Condition 87: Required performance test information.

Effective between the dates of 01/02/2001 and 01/01/2006

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

Item 87.1:

This Condition applies to Emission Unit: U-CLTRN
Process: K06

Item 87.2:

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

Condition 88: Prior notice.

Effective between the dates of 01/02/2001 and 01/01/2006

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

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



Item 88.1:

This Condition applies to Emission Unit: U-CLTRN
Process: K06

Item 88.2:

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

Condition 89: Performance testing facilities.
Effective between the dates of 01/02/2001 and 01/01/2006

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

Item 89.1:

This Condition applies to Emission Unit: U-CLTRN
Process: K06

Item 89.2:

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

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

Condition 90: Number of required tests.
Effective between the dates of 01/02/2001 and 01/01/2006

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

Item 90.1:

This Condition applies to Emission Unit: U-CLTRN
Process: K06

Item 90.2:

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

Condition 91: Opacity standard compliance testing.
Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 40CFR 60.11, NSPS Subpart A



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

Item 91.1:

This Condition applies to Emission Unit: U-CLTRN
Process: K06

Item 91.2:

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

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

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

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

Condition 92: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

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

Item 92.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-CLTRN
Process: K06

Item 92.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Opacity from NSPS SubPart F affected sources, other than kilns or clinker coolers, may not equal or exceed 10%.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: CLINKER

Parameter Monitored: OPACITY

Upper Permit Limit: 10 percent

Reference Test Method: Method 9

Monitoring Frequency: UPON PERMIT RENEWAL

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 93: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 93.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-CLTRN Emission Point: 01118

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 93.2:

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. Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 94: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 40CFR 60.62, NSPS Subpart F

Item 94.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-CLTRN Emission Point: 01118

Item 94.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Opacity standard for sources at an affected facility other than the kiln or clinker cooler.

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



Parameter Monitored: OPACITY

Upper Permit Limit: 10 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 95: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 95.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-CLTRN Emission Point: 01119

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 95.2:

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.
Compliance testing will be conducted at the discretion of
the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 96: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.9(b)

Item 96.1:



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

The Compliance Certification activity will be performed for:

Emission Unit: U-CLTRN Emission Point: 01119

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 96.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The degree of air cleaning required for particulate matter emissions is determined by Table 2 of 212.9(b), as defined by emission rate potential.

Parameter Monitored: PARTICULATES

Lower Permit Limit: 91 percent reduction by weight

Reference Test Method: Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 97: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 40CFR 60.62, NSPS Subpart F

Item 97.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-CLTRN Emission Point: 01119

Item 97.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Opacity standard for sources at an affected facility
other than the kiln or clinker cooler.

Parameter Monitored: OPACITY

Upper Permit Limit: 10 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE MONITORING

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 1-29: Compliance Certification

Effective between the dates of 10/01/2002 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.3(b)

Replaces Condition(s) 98

Item 1-29.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-CLTRN Emission Point: 01123

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 1-29.2:

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.

Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.15 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING

DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 1-30: Compliance Certification

Effective between the dates of 10/01/2002 and 01/01/2006

Applicable Federal Requirement: 40CFR 60.62, NSPS Subpart F

Item 1-30.1:

The Compliance Certification activity will be performed for:

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



Emission Unit: U-CLTRN Emission Point: 01123

Item 1-30.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Opacity standard for sources at an affected facility
other than the kiln or clinker cooler.

Parameter Monitored: OPACITY

Upper Permit Limit: 10 percent

Reference Test Method: Method 9

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 100: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 100.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-CLTRN Emission Point: 01811

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 100.2:

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.
Compliance testing will be conducted at the discretion of
the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 101: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.9(b)

Item 101.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-CLTRN Emission Point: 01811

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 101.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The degree of air cleaning required for particulate matter emissions is determined by Table 2 of 212.9(b), as defined by emission rate potential.

Parameter Monitored: PARTICULATES

Lower Permit Limit: 94 percent reduction by weight

Reference Test Method: Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 102: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 40CFR 60.62, NSPS Subpart F

Item 102.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-CLTRN Emission Point: 01811

Item 102.2:

Compliance Certification shall include the following monitoring:



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

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

Monitoring Description:

Opacity standard for sources at an affected facility
other than the kiln or clinker cooler.

Parameter Monitored: OPACITY

Upper Permit Limit: 10 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 103: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 103.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-CLTRN Emission Point: 01812

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 103.2:

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.
Compliance testing will be conducted at the discretion of
the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 104: Compliance Certification



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.9(b)

Item 104.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-CLTRN Emission Point: 01812

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 104.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The degree of air cleaning required for particulate matter emissions is determined by Table 2 of 212.9(b), as defined by emission rate potential.

Parameter Monitored: PARTICULATES

Lower Permit Limit: 94 percent reduction by weight

Reference Test Method: Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 105: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 40CFR 60.62, NSPS Subpart F

Item 105.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-CLTRN Emission Point: 01812

Item 105.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Opacity standard for sources at an affected facility other than the kiln or clinker cooler.

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



Parameter Monitored: OPACITY
Upper Permit Limit: 10 percent
Reference Test Method: Method 9
Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 106: Compliance Certification
Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 106.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-CLTRN Emission Point: 01910

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

Item 106.2:

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.
Compliance testing will be conducted at the discretion of
the Department.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.05 grains per dscf
Reference Test Method: EPA Method 5
Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 107: Compliance Certification
Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.9(b)

Item 107.1:



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

The Compliance Certification activity will be performed for:

Emission Unit: U-CLTRN Emission Point: 01910

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 107.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The degree of air cleaning required for particulate matter emissions is determined by Table 2 of 212.9(b), as defined by emission rate potential.

Parameter Monitored: PARTICULATES

Lower Permit Limit: 94 percent reduction by weight

Reference Test Method: Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 108: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 40CFR 60.62, NSPS Subpart F

Item 108.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-CLTRN Emission Point: 01910

Item 108.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Opacity standard for sources at an affected facility
other than the kiln or clinker cooler.

Parameter Monitored: OPACITY

Upper Permit Limit: 10 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE MONITORING

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 109: Emissions from existing sources
Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.3(a)

Item 109.1:

This Condition applies to Emission Unit: U-FINML
Process: M01

Item 109.2:

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

Condition 110: Emissions from existing sources
Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.3(a)

Item 110.1:

This Condition applies to Emission Unit: U-FINML
Process: M02

Item 110.2:

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

Condition 111: Emissions from existing sources
Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.3(a)

Item 111.1:

This Condition applies to Emission Unit: U-FINML
Process: M03

Item 111.2:

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

Condition 112: Emissions from existing sources
Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.3(a)



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

Item 112.1:

This Condition applies to Emission Unit: U-FINML
Process: M04

Item 112.2:

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

Condition 113: Emissions from existing sources
Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.3(a)

Item 113.1:

This Condition applies to Emission Unit: U-FINML
Process: M05

Item 113.2:

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

Condition 114: Emissions from existing sources
Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.3(a)

Item 114.1:

This Condition applies to Emission Unit: U-FINML
Process: M06

Item 114.2:

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

Condition 115: Emissions from existing sources
Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.3(a)

Item 115.1:

This Condition applies to Emission Unit: U-FINML
Process: M07

Item 115.2:

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

Condition 116: Emissions from existing sources

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.3(a)

Item 116.1:

This Condition applies to Emission Unit: U-FINML
Process: M08

Item 116.2:

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

Condition 117: Emissions from existing sources

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.3(a)

Item 117.1:

This Condition applies to Emission Unit: U-FINML
Process: M09

Item 117.2:

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

Condition 118: Emissions from existing sources

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.3(a)

Item 118.1:

This Condition applies to Emission Unit: U-FINML
Process: M10

Item 118.2:

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

Condition 119: Emissions from existing sources

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.3(a)

Item 119.1:

This Condition applies to Emission Unit: U-FINML
Process: M11

Item 119.2:



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

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

Condition 120: Emissions from existing sources
Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.3(a)

Item 120.1:

This Condition applies to Emission Unit: U-FINML
Process: M12

Item 120.2:

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

Condition 121: Emissions from existing sources
Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.3(a)

Item 121.1:

This Condition applies to Emission Unit: U-FINML Emission Point: 04031

Item 121.2:

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

Condition 1-31: Compliance Certification
Effective between the dates of 10/01/2002 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.3(b)

Replaces Condition(s) 122

Item 1-31.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-FINML Emission Point: 04031

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

Item 1-31.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Emissions of solid particulates are limited to less than



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

0.150 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis. Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.15 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING

DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 123: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.9(b)

Item 123.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-FINML Emission Point: 04031

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 123.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The degree of air cleaning required for particulate matter emissions is determined by Table 2 of 212.9(b), as defined by emission rate potential.

Parameter Monitored: PARTICULATES

Lower Permit Limit: 94 percent reduction by weight

Reference Test Method: Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING

DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

Condition 124: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 220.4(d)

Item 124.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-FINML Emission Point: 04031

Item 124.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No person will cause or allow emissions to the outdoor atmosphere that have an average six-minute opacity of 20% or more, except uncombined water.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 125: Emissions from existing sources

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.3(a)

Item 125.1:

This Condition applies to Emission Unit: U-FINML Emission Point: 04032

Item 125.2:

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

Condition 1-32: Compliance Certification

Effective between the dates of 10/01/2002 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.3(b)

Replaces Condition(s) 126

Item 1-32.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-FINML Emission Point: 04032



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 1-32.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of solid particulates are limited to less than 0.150 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis. Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.15 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 127: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.9(b)

Item 127.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-FINML Emission Point: 04032

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 127.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The degree of air cleaning required for particulate matter emissions is determined by Table 2 of 212.9(b), as defined by emission rate potential.



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

Parameter Monitored: PARTICULATES

Lower Permit Limit: 94 percent reduction by weight

Reference Test Method: Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING

DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 128: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 220.4(d)

Item 128.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-FINML Emission Point: 04032

Item 128.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No person will cause or allow emissions to the outdoor
atmosphere that have an average six-minute opacity of 20%
or more, except uncombined water.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 129: Emissions from existing sources

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.3(a)

Item 129.1:

This Condition applies to Emission Unit: U-FINML Emission Point: 06245

Item 129.2:

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

Condition 1-33: Compliance Certification

Effective between the dates of 10/01/2002 and 01/01/2006



Applicable Federal Requirement: 6NYCRR 212.3(b)

Replaces Condition(s) 130

Item 1-33.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-FINML Emission Point: 06245

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 1-33.2:

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. Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.15 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 131: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.9(b)

Item 131.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-FINML Emission Point: 06245

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

Item 131.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The degree of air cleaning required for particulate matter emissions is determined by Table 2 of 212.9(b), as defined by emission rate potential.

Parameter Monitored: PARTICULATES

Lower Permit Limit: 94 percent reduction by weight

Reference Test Method: Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 132: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 220.4(d)

Item 132.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-FINML Emission Point: 06245

Item 132.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No person will cause or allow emissions to the outdoor atmosphere that have an average six-minute opacity of 20% or more, except uncombined water.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 133: Emissions from existing sources

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.3(a)



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

Item 133.1:

This Condition applies to Emission Unit: U-FINML Emission Point: 06255

Item 133.2:

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

Condition 1-34: Compliance Certification

Effective between the dates of 10/01/2002 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.3(b)

Replaces Condition(s) 134

Item 1-34.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-FINML Emission Point: 06255

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 1-34.2:

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. Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.15 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 135: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.9(b)

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



Item 135.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-FINML Emission Point: 06255

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 135.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The degree of air cleaning required for particulate matter emissions is determined by Table 2 of 212.9(b), as defined by emission rate potential.

Parameter Monitored: PARTICULATES

Lower Permit Limit: 94 percent reduction by weight

Reference Test Method: Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 136: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 220.4(d)

Item 136.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-FINML Emission Point: 06255

Item 136.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No person will cause or allow emissions to the outdoor atmosphere that have an average six-minute opacity of 20% or more, except uncombined water.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

Reference Test Method: Method 9

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 137: Emissions from new emission sources and/or modifications
Effective between the dates of 01/02/2001 and 01/01/2006**

Applicable Federal Requirement: 6NYCRR 212.4(a)

Item 137.1:

This Condition applies to Emission Unit: U-FINML Emission Point: 06990

Item 137.2:

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

Condition 138: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 138.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-FINML Emission Point: 06990

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 138.2:

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. Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 139: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 40CFR 60.62, NSPS Subpart F

Item 139.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-FINML Emission Point: 06990

Item 139.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Opacity standard for sources at an affected facility
other than the kiln or clinker cooler.

Parameter Monitored: OPACITY

Upper Permit Limit: 10 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 140: Emissions from new emission sources and/or modifications

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.4(a)

Item 140.1:

This Condition applies to Emission Unit: U-FINML Emission Point: 07000

Item 140.2:

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

Condition 141: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 141.1:



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

The Compliance Certification activity will be performed for:

Emission Unit: U-FINML Emission Point: 07000

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 141.2:

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. Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 142: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 40CFR 60.62, NSPS Subpart F

Item 142.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-FINML Emission Point: 07000

Item 142.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Opacity standard for sources at an affected facility other than the kiln or clinker cooler.

Parameter Monitored: OPACITY

Upper Permit Limit: 10 percent



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 143: Emissions from new emission sources and/or modifications
Effective between the dates of 01/02/2001 and 01/01/2006**

Applicable Federal Requirement: 6NYCRR 212.4(a)

Item 143.1:

This Condition applies to Emission Unit: U-FINML Emission Point: 07010

Item 143.2:

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

Condition 144: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 144.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-FINML Emission Point: 07010

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 144.2:

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. Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 145: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 40CFR 60.62, NSPS Subpart F

Item 145.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-FINML Emission Point: 07010

Item 145.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Opacity standard for sources at an affected facility
other than the kiln or clinker cooler.

Parameter Monitored: OPACITY

Upper Permit Limit: 10 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 146: Emissions from new emission sources and/or modifications

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.4(a)

Item 146.1:

This Condition applies to Emission Unit: U-FINML Emission Point: 07020

Item 146.2:

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

Condition 147: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.4(c)

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



Item 147.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-FINML Emission Point: 07020

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 147.2:

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. Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 148: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.9(b)

Item 148.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-FINML Emission Point: 07020

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 148.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The degree of air cleaning required for particulate



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

matter emissions is determined by Table 2 of 212.9(b), as defined by emission rate potential.

Parameter Monitored: PARTICULATES

Lower Permit Limit: 94 percent reduction by weight

Reference Test Method: Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 149: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 40CFR 60.62, NSPS Subpart F

Item 149.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-FINML Emission Point: 07020

Item 149.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Opacity standard for sources at an affected facility other than the kiln or clinker cooler.

Parameter Monitored: OPACITY

Upper Permit Limit: 10 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 150: Emissions from new emission sources and/or modifications

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.4(a)

Item 150.1:

This Condition applies to Emission Unit: U-FINML Emission Point: 07333

Item 150.2:



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

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

Condition 151: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 151.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-FINML Emission Point: 07333

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 151.2:

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. Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 152: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.9(b)

Item 152.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-FINML Emission Point: 07333

Regulated Contaminant(s):

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



CAS No: 0NY075-00-0 PARTICULATES

Item 152.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The degree of air cleaning required for particulate matter emissions is determined by Table 2 of 212.9(b), as defined by emission rate potential.

Parameter Monitored: PARTICULATES

Lower Permit Limit: 94 percent reduction by weight

Reference Test Method: Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 153: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 40CFR 60.62, NSPS Subpart F

Item 153.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-FINML Emission Point: 07333

Item 153.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Opacity standard for sources at an affected facility other than the kiln or clinker cooler.

Parameter Monitored: OPACITY

Upper Permit Limit: 10 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 154: Emissions from new emission sources and/or modifications



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.4(a)

Item 154.1:

This Condition applies to Emission Unit: U-PLYCM

Item 154.2:

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

Condition 155: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 155.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-PLYCM Emission Point: 01904

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 155.2:

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. Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 156: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



Applicable Federal Requirement: 6NYCRR 212.9(b)

Item 156.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-PLYCM Emission Point: 01904

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 156.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The degree of air cleaning required for particulate matter emissions is determined by Table 2 of 212.9(b), as defined by emission rate potential.

Parameter Monitored: PARTICULATES

Lower Permit Limit: 94 percent reduction by weight

Reference Test Method: Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 157: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 40CFR 60.62, NSPS Subpart F

Item 157.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-PLYCM Emission Point: 01904

Item 157.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Opacity standard for sources at an affected facility other than the kiln or clinker cooler.

Parameter Monitored: OPACITY



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

Upper Permit Limit: 10 percent
Reference Test Method: Method 9
Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 158: Compliance Certification
Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 158.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-PLYCM Emission Point: 01905

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

Item 158.2:

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.
Compliance testing will be conducted at the discretion of
the Department.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.05 grains per dscf
Reference Test Method: EPA Method 5
Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 159: Compliance Certification
Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.9(b)

Item 159.1:

The Compliance Certification activity will be performed for:



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

Emission Unit: U-PLYCM Emission Point: 01905

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 159.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The degree of air cleaning required for particulate matter emissions is determined by Table 2 of 212.9(b), as defined by emission rate potential.

Parameter Monitored: PARTICULATES

Lower Permit Limit: 94 percent reduction by weight

Reference Test Method: Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 160: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 40CFR 60.62, NSPS Subpart F

Item 160.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-PLYCM Emission Point: 01905

Item 160.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Opacity standard for sources at an affected facility other than the kiln or clinker cooler.

Parameter Monitored: OPACITY

Upper Permit Limit: 10 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 161: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 161.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-PLYCM Emission Point: 01906

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 161.2:

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. Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 162: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.9(b)

Item 162.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-PLYCM Emission Point: 01906

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

Item 162.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The degree of air cleaning required for particulate matter emissions is determined by Table 2 of 212.9(b), as defined by emission rate potential.

Parameter Monitored: PARTICULATES

Lower Permit Limit: 94 percent reduction by weight

Reference Test Method: Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 163: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 40CFR 60.62, NSPS Subpart F

Item 163.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-PLYCM Emission Point: 01906

Item 163.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Opacity standard for sources at an affected facility other than the kiln or clinker cooler.

Parameter Monitored: OPACITY

Upper Permit Limit: 10 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 164: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 164.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-PLYCM Emission Point: 01936

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 164.2:

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. Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 165: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.9(b)

Item 165.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-PLYCM Emission Point: 01936

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 165.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



The degree of air cleaning required for particulate matter emissions is determined by Table 2 of 212.9(b), as defined by emission rate potential.

Parameter Monitored: PARTICULATES

Lower Permit Limit: 94 percent reduction by weight

Reference Test Method: Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 166: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 40CFR 60.62, NSPS Subpart F

Item 166.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-PLYCM Emission Point: 01936

Item 166.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Opacity standard for sources at an affected facility other than the kiln or clinker cooler.

Parameter Monitored: OPACITY

Upper Permit Limit: 10 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 167: Emissions from existing sources

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.3(a)

Item 167.1:

This Condition applies to Emission Unit: U-QUARY



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

Item 167.2:

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

Condition 1-35: Compliance Certification

Effective between the dates of 10/01/2002 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.3(b)

Replaces Condition(s) 168

Item 1-35.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-QUARY Emission Point: 00902

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 1-35.2:

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. Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.15 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 169: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 220.4(d)

Item 169.1:

The Compliance Certification activity will be performed for:

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



Emission Unit: U-QUARY Emission Point: 00902

Item 169.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No person will cause or allow emissions to the outdoor atmosphere that have an average six-minute opacity of 20% or more, except uncombined water.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 1-36: Compliance Certification

Effective between the dates of 10/01/2002 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.3(b)

Replaces Condition(s) 170

Item 1-36.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-QUARY Emission Point: 00913

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 1-36.2:

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. Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.15 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

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 1/30/2003.

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

Condition 171: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.9(b)

Item 171.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-QUARY Emission Point: 00913

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 171.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The degree of air cleaning required for particulate matter emissions is determined by Table 2 of 212.9(b), as defined by emission rate potential.

Parameter Monitored: PARTICULATES

Lower Permit Limit: 94 percent reduction by weight

Reference Test Method: Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 172: Emissions from existing sources

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.3(a)

Item 172.1:

This Condition applies to Emission Unit: U-RAWGR

Item 172.2:

No person will cause or allow emissions that violate the requirement specified in Table 2, Table 3, or



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

Table 4 of 6NYCRR Part 212 for the environmental rating issued by the commissioner.

Condition 173: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.9(b)

Item 173.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-RAWGR

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 173.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The degree of air cleaning required for particulate matter emissions is determined by Table 2 of 212.9(b), as defined by emission rate potential.

Parameter Monitored: PARTICULATES

Lower Permit Limit: 91 percent reduction by weight

Reference Test Method: Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 174: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 220.4(d)

Item 174.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-RAWGR

Item 174.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



No person will cause or allow emissions to the outdoor atmosphere that have an average six-minute opacity of 20% or more, except uncombined water.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: Method 9
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 1-37: Compliance Certification

Effective between the dates of 10/01/2002 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.3(b)

Replaces Condition(s) 175

Item 1-37.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-RAWG Emission Point: 01009

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

Item 1-37.2:

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. Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.15 grains per dscf
Reference Test Method: EPA Method 5
Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2003.
Subsequent reports are due every 6 calendar month(s).

Condition 176: Emissions from existing sources



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.3(a)

Item 176.1:

This Condition applies to Emission Unit: U-RMHND

Item 176.2:

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

Condition 1-38: Compliance Certification

Effective between the dates of 10/01/2002 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.3(b)

Replaces Condition(s) 177

Item 1-38.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-RMHNDEmission Point: 01033

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 1-38.2:

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. Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.15 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

Condition 178: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 178.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-SHPNG

Process: P03

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 178.2:

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. Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 179: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 40CFR 60.62, NSPS Subpart F

Item 179.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-SHPNG

Process: P03

Item 179.2:

Compliance Certification shall include the following monitoring:



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

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

Monitoring Description:

Opacity standard for sources at an affected facility
other than the kiln or clinker cooler.

Parameter Monitored: OPACITY

Upper Permit Limit: 10 percent

Reference Test Method: Method 9

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 180: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.9(b)

Item 180.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-SHPNG

Process: Q02

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 180.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The degree of air cleaning required for particulate
matter emissions is determined by Table 2 of 212.9(b), as
defined by emission rate potential.

Parameter Monitored: PARTICULATES

Lower Permit Limit: 90 percent reduction by weight

Reference Test Method: Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 181: Emissions from existing sources

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.3(a)

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



Item 181.1:

This Condition applies to Emission Unit: U-SHPNG Emission Point: 06000

Item 181.2:

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

Condition 1-39: Compliance Certification

Effective between the dates of 10/01/2002 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.3(b)

Replaces Condition(s) 182

Item 1-39.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-SHPNG Emission Point: 06000

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 1-39.2:

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. Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.15 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 183: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



Applicable Federal Requirement: 6NYCRR 212.9(b)

Item 183.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-SHPNG Emission Point: 06000

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 183.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The degree of air cleaning required for particulate matter emissions is determined by Table 2 of 212.9(b), as defined by emission rate potential.

Parameter Monitored: PARTICULATES

Lower Permit Limit: 91 percent reduction by weight

Reference Test Method: Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 184: Emissions from new emission sources and/or modifications
Effective between the dates of 01/02/2001 and 01/01/2006**

Applicable Federal Requirement: 6NYCRR 212.4(a)

Item 184.1:

This Condition applies to Emission Unit: U-SHPNG Emission Point: 06049

Item 184.2:

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

**Condition 185: Compliance Certification
Effective between the dates of 01/02/2001 and 01/01/2006**

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 185.1:

The Compliance Certification activity will be performed for:

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



Emission Unit: U-SHPNG Emission Point: 06049

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 185.2:

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. Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING

DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST

METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 186: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.9(b)

Item 186.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-SHPNG Emission Point: 06049

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 186.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The degree of air cleaning required for particulate matter emissions is determined by Table 2 of 212.9(b), as defined by emission rate potential.



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

Parameter Monitored: PARTICULATES

Lower Permit Limit: 91 percent reduction by weight

Reference Test Method: Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING

DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST

METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 187: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 40CFR 60.62, NSPS Subpart F

Item 187.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-SHPNG Emission Point: 06049

Item 187.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL

DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

Opacity standard for sources at an affected facility
other than the kiln or clinker cooler.

Parameter Monitored: OPACITY

Upper Permit Limit: 10 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE MONITORING

DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 188: Emissions from new emission sources and/or modifications

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.4(a)

Item 188.1:

This Condition applies to Emission Unit: U-SHPNG Emission Point: 06059

Item 188.2:

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

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



Condition 189: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 189.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-SHPNG Emission Point: 06059

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 189.2:

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. Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 190: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.9(b)

Item 190.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-SHPNG Emission Point: 06059

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 190.2:



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The degree of air cleaning required for particulate matter emissions is determined by Table 2 of 212.9(b), as defined by emission rate potential.

Parameter Monitored: PARTICULATES

Lower Permit Limit: 91 percent reduction by weight

Reference Test Method: Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 191: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 40CFR 60.62, NSPS Subpart F

Item 191.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-SHPNG Emission Point: 06059

Item 191.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Opacity standard for sources at an affected facility other than the kiln or clinker cooler.

Parameter Monitored: OPACITY

Upper Permit Limit: 10 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 192: Emissions from new emission sources and/or modifications

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.4(a)

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



Item 192.1:

This Condition applies to Emission Unit: U-SHPNG Emission Point: 06302

Item 192.2:

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

Condition 193: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 193.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-SHPNG Emission Point: 06302

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 193.2:

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. Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 194: Emissions from new emission sources and/or modifications

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.4(a)

Item 194.1:



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

This Condition applies to Emission Unit: U-SHPNG Emission Point: 06303

Item 194.2:

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

Condition 195: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 195.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-SHPNG Emission Point: 06303

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 195.2:

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. Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 196: Emissions from existing sources

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.3(a)

Item 196.1:

This Condition applies to Emission Unit: U-SHPNG Emission Point: 06304



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

Item 196.2:

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

Condition 1-40: Compliance Certification

Effective between the dates of 10/01/2002 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.3(b)

Replaces Condition(s) 197

Item 1-40.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-SHPNG Emission Point: 06304

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 1-40.2:

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. Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.15 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 198: Emissions from existing sources

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.3(a)

Item 198.1:

This Condition applies to Emission Unit: U-SHPNG Emission Point: 06305

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



Item 198.2:

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

Condition 1-41: Compliance Certification

Effective between the dates of 10/01/2002 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.3(b)

Replaces Condition(s) 199

Item 1-41.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-SHPNG Emission Point: 06305

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 1-41.2:

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. Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.15 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 200: Emissions from existing sources

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.3(a)

Item 200.1:



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

This Condition applies to Emission Unit: U-SHPNG Emission Point: 06340

Item 200.2:

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

Condition 1-42: Compliance Certification

Effective between the dates of 10/01/2002 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.3(b)

Replaces Condition(s) 201

Item 1-42.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-SHPNG Emission Point: 06340

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 1-42.2:

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. Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.15 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 202: Emissions from existing sources

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.3(a)

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



Item 202.1:

This Condition applies to Emission Unit: U-SHPNG Emission Point: 06375

Item 202.2:

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

Condition 1-43: Compliance Certification

Effective between the dates of 10/01/2002 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.3(b)

Replaces Condition(s) 203

Item 1-43.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-SHPNG Emission Point: 06375

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 1-43.2:

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. Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.15 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 204: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.9(b)

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



Item 204.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-SHPNG Emission Point: 06375

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 204.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The degree of air cleaning required for particulate matter emissions is determined by Table 2 of 212.9(b), as defined by emission rate potential.

Parameter Monitored: PARTICULATES

Lower Permit Limit: 94 percent reduction by weight

Reference Test Method: Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 205: Emissions from existing sources

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.3(a)

Item 205.1:

This Condition applies to Emission Unit: U-SHPNG Emission Point: 06695

Item 205.2:

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

Condition 1-44: Compliance Certification

Effective between the dates of 10/01/2002 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.3(b)

Replaces Condition(s) 206

Item 1-44.1:

The Compliance Certification activity will be performed for:



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

Emission Unit: U-SHPNG Emission Point: 06695

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 1-44.2:

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. Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.15 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 207: Compliance Certification

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.9(b)

Item 207.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-SHPNG Emission Point: 06695

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 207.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The degree of air cleaning required for particulate matter emissions is determined by Table 2 of 212.9(b), as

New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013



defined by emission rate potential.

Parameter Monitored: PARTICULATES

Lower Permit Limit: 90 percent reduction by weight

Reference Test Method: Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING

DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 208: Emissions from existing sources

Effective between the dates of 01/02/2001 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.3(a)

Item 208.1:

This Condition applies to Emission Unit: U-SHPNG Emission Point: 07200

Item 208.2:

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

Condition 1-45: Compliance Certification

Effective between the dates of 10/01/2002 and 01/01/2006

Applicable Federal Requirement: 6NYCRR 212.3(b)

Replaces Condition(s) 209

Item 1-45.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-SHPNG Emission Point: 07200

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 1-45.2:

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.

Compliance testing will be conducted at the discretion of

the Department.



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.15 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING

DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

**Condition 210: Emissions from new emission sources and/or modifications
Effective between the dates of 01/02/2001 and 01/01/2006**

Applicable Federal Requirement: 6NYCRR 212.4(a)

Item 210.1:

This Condition applies to Emission Unit: U-SHPNG Emission Point: 07505

Item 210.2:

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

**Condition 211: Emissions from new emission sources and/or modifications
Effective between the dates of 01/02/2001 and 01/01/2006**

Applicable Federal Requirement: 6NYCRR 212.4(a)

Item 211.1:

This Condition applies to Emission Unit: U-SHPNG Emission Point: 07526

Item 211.2:

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



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 only enforceable and are not subject to annual compliance certification requirements for Title V permits.

Condition 1-46: Contaminant List

Effective between the dates of 10/01/2002 and 01/01/2006

Applicable State Requirement: ECL 19-0301.

Item 1-46.1:

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



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

CAS No: 0NY100-00-0

Name: HAP

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 0NY075-00-5

Name: PM-10

Condition 1-47: Unavoidable noncompliance and violations

Effective between the dates of 10/01/2002 and 01/01/2006

Applicable State Requirement: 6NYCRR 201-1.4

Item 1-47.1:

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



New York State Department of Environmental Conservation

Permit ID: 5-5205-00013/00058

Facility DEC ID: 5520500013

emitted and the effect of such emissions depending on the deviation of the malfunction and the air contaminants emitted.

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

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

Condition 214: Air pollution prohibited
Effective between the dates of 01/02/2001 and 01/01/2006

Applicable State Requirement: 6NYCRR 211.2

Item 214.1:

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.