



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

**IDENTIFICATION INFORMATION**

Permit Type: Air Title V Facility  
Permit ID: 4-1926-00001/00110  
Effective Date: 10/20/2017 Expiration Date: 10/19/2022

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

Contact: Stephanie Rochow  
313 Warren St  
Glens Falls, NY 12801  
(518) 792-1137

Facility: LEHIGH NORTHEAST CEMENT CO - CEMENTON TERMINAL  
120 ALPHA BLVD US RTE 9W  
CEMENTON, NY 12415

Description:  
Application for renewal of Air Title V facility. Also, as part of the Title FV renewal application Lehigh is requesting that the applicable requirements and compliance options from 40 CFR 63, Subpart LLL be incorporated into the permit for the Cementon Terminal. Note that there are no physical changes proposed. 40 CFR 63, Subpart LLL requirements are included in accordance with 6 NYCRR 201-6.2(d)(4) which requires applications to include a description of all applicable requirements as well as a description of compliance methods.

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: NANCY M BAKER  
NYSDEC - REGION 4  
1130 N WESTCOTT RD  
SCHENECTADY, NY 12306-2014

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



**Notification of Other State Permittee Obligations**

**Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification**

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

**Item B: Permittee's Contractors to Comply with Permit**

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

**Item C: Permittee Responsible for Obtaining Other Required Permits**

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

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

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



**LIST OF CONDITIONS**

**DEC GENERAL CONDITIONS**

**General Provisions**

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

**Facility Level**

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



**DEC GENERAL CONDITIONS**

**\*\*\*\* General Provisions \*\*\*\***

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

**GENERAL CONDITIONS - Apply to ALL Authorized Permits.**

**Condition 1: Facility Inspection by the Department**

**Applicable State Requirement: ECL 19-0305**

**Item 1.1:**

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

**Item 1.2:**

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

**Item 1.3:**

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

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

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

**Item 2.1:**

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

**Condition 3: Applications for permit renewals, modifications and transfers**

**Applicable State Requirement: 6 NYCRR 621.11**

**Item 3.1:**

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

**Item 3.2:**

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

**Item 3.3**

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



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

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

**Item 4.1:**

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

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

**\*\*\*\* Facility Level \*\*\*\***

**Condition 5: Submission of application for permit modification or renewal-REGION 4 HEADQUARTERS**  
**Applicable State Requirement: 6 NYCRR 621.6 (a)**

**Item 5.1:**

Submission of applications for permit modification or renewal are to be submitted to:  
NYSDEC Regional Permit Administrator  
Region 4 Headquarters  
Division of Environmental Permits  
1130 North Westcott Rd.  
Schenectady, NY 12306-2014  
(518) 357-2069

**New York State Department of Environmental Conservation**

Permit ID: 4-1926-00001/00110

Facility DEC ID: 4192600001



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

**ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT**

**IDENTIFICATION INFORMATION**

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

Facility: LEHIGH NORTHEAST CEMENT CO - CEMENTON TERMINAL  
120 ALPHA BLVD US RTE 9W  
CEMENTON, NY 12415

Authorized Activity By Standard Industrial Classification Code:  
3241 - CEMENT, HYDRAULIC  
4491 - MARINE CARGO HANDLING

Permit Effective Date: 10/20/2017

Permit Expiration Date: 10/19/2022



## LIST OF CONDITIONS

### FEDERALLY ENFORCEABLE CONDITIONS

#### Facility Level

- 1 6 NYCRR 200.6: Acceptable Ambient Air Quality
- 2 6 NYCRR 201-6.4 (a) (7): Fees
- 3 6 NYCRR 201-6.4 (c): Recordkeeping and Reporting of Compliance Monitoring
- 4 6 NYCRR 201-6.4 (c) (2): Records of Monitoring, Sampling, and Measurement
- 5 6 NYCRR 201-6.4 (c) (3) (ii): Compliance Certification
- 6 6 NYCRR 201-6.4 (e): Compliance Certification
- 7 6 NYCRR 202-2.1: Compliance Certification
- 8 6 NYCRR 202-2.5: Recordkeeping requirements
- 9 6 NYCRR 215.2: Open Fires - Prohibitions
- 10 6 NYCRR 200.7: Maintenance of Equipment
- 11 6 NYCRR 201-1.7: Recycling and Salvage
- 12 6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 13 6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
- 14 6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
- 15 6 NYCRR 201-6.4 (a) (4): Requirement to Provide Information
- 16 6 NYCRR 201-6.4 (a) (8): Right to Inspect
- 17 6 NYCRR 201-6.4 (f) (6): Off Permit Changes
- 18 40 CFR Part 68: Accidental release provisions.
- 19 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 20 6 NYCRR Subpart 201-6: Emission Unit Definition
- 21 6 NYCRR 201-6.4 (d) (4): Progress Reports Due Semiannually
- 22 6 NYCRR Subpart 201-7: Facility Permissible Emissions
- 23 6 NYCRR 202-1.1: Required Emissions Tests - Facility Level
- 24 6 NYCRR 202-1.2: Notification
- 25 6 NYCRR 211.1: Air pollution prohibited
- 26 6 NYCRR 211.1: Fugitive Dust Control Plan
- 27 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 28 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 29 40CFR 63.1343(c), Subpart LLL: Compliance Certification
- 30 40CFR 63.1347, Subpart LLL: Compliance Certification
- 31 40CFR 63.1350(a), Subpart LLL: Compliance Certification
- 32 40CFR 63.1353, Subpart LLL: Notification Requirements
- 33 40CFR 63.1354, Subpart LLL: Reporting Requirements
- 34 40CFR 63.1355, Subpart LLL: Recordkeeping Requirements
- 35 40 CFR Part 64: Compliance Certification
- 36 40 CFR Part 64: Compliance Certification

#### Emission Unit Level

- 37 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
- 38 6 NYCRR Subpart 201-6: Process Definition By Emission Unit
- 39 6 NYCRR Subpart 201-7: Emission Unit Permissible Emissions
- 40 6 NYCRR Subpart 201-7: Process Permissible Emissions

EU=U-CLTRN



41 40CFR 63.1343(c), Subpart LLL: Compliance Certification

**EU=U-CLTRN,Proc=CLH,ES=CHALL**

42 40CFR 52.21(j)(2), Subpart A: Compliance Certification

**EU=U-CLTRN,Proc=ULD,ES=CLTRU**

43 40CFR 52.21(j)(2), Subpart A: Compliance Certification

**EU=U-FINML,Proc=F01**

44 6 NYCRR 212-2.4 (a): Compliance Certification

**EU=U-SGDRY**

\*45 6 NYCRR Subpart 201-7: Capping Monitoring Condition

46 40CFR 52.21(j)(2), Subpart A: Compliance Certification

47 40CFR 63.1343(b)(1), Subpart LLL: Compliance Certification

48 40CFR 63.1343(b)(1), Subpart LLL: Compliance Certification

49 40CFR 63.1348(b), Subpart LLL: Compliance Certification

50 40CFR 63.1348(b)(9), Subpart LLL: Compliance Certification

51 40CFR 63.1350(m), Subpart LLL: Compliance Certification

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

52 ECL 19-0301: Contaminant List

53 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities

54 6 NYCRR 211.2: Visible Emissions Limited

55 6 NYCRR 211.2: Compliance Demonstration

NOTE: \* preceding the condition number indicates capping.





**FEDERALLY ENFORCEABLE CONDITIONS**

**\*\*\*\* Facility Level \*\*\*\***

**NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**

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

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

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

**Item B: Timely Application for the Renewal of Title V Permits - 6 NYCRR 201-6.2 (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 C: Certification by a Responsible Official - 6 NYCRR 201-6.2 (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 D: Requirement to Comply With All Conditions - 6 NYCRR 201-6.4 (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 E: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR 201-6.4 (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 F: Cessation or Reduction of Permitted Activity Not a Defense - 6 NYCRR 201-6.4 (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 G: Property Rights - 6 NYCRR 201-6.4 (a) (6)**

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

**Item H: Severability - 6 NYCRR 201-6.4 (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 I: Permit Shield - 6 NYCRR 201-6.4 (g)**

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

- i. The ability of the Department to seek to bring suit on behalf of the State of New York, or the Administrator to seek to bring suit on behalf of the United States, to immediately restrain any person causing or contributing to pollution presenting an imminent and substantial endangerment to public health, welfare or the environment to stop the emission of air pollutants causing or contributing to such pollution;
- ii. The liability of a permittee of the Title V



facility for any violation of applicable requirements prior to or at the time of permit issuance;

iii. The applicable requirements of Title IV of the Act;

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

**Item J: Reopening for Cause - 6 NYCRR 201-6.4 (i)**

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

i. When additional applicable requirements under the act become applicable to a title V facility with a remaining permit term of 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 the 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 section 201- 6.6 of this Subpart.

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

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

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

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

Reopenings shall not be initiated before a notice of such intent is provided to the facility by the Department at least thirty days in advance of the date that the permit



is to be reopened, except that the Department may provide a shorter time period in the case of an emergency.

**Item K: Permit Exclusion - ECL 19-0305**

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

**Item L: Federally Enforceable Requirements - 40 CFR 70.6 (b)**

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

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

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

**Condition 1: Acceptable Ambient Air Quality  
Effective between the dates of 10/20/2017 and 10/19/2022**

**Applicable Federal Requirement: 6 NYCRR 200.6**

**Item 1.1:**

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



contravention occurs or may occur, the Commissioner shall specify the degree and/or method of emission control required.

**Condition 2: Fees**  
**Effective between the dates of 10/20/2017 and 10/19/2022**

**Applicable Federal Requirement:6 NYCRR 201-6.4 (a) (7)**

**Item 2.1:**

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

**Condition 3: Recordkeeping and Reporting of Compliance Monitoring**  
**Effective between the dates of 10/20/2017 and 10/19/2022**

**Applicable Federal Requirement:6 NYCRR 201-6.4 (c)**

**Item 3.1:**

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

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

Any deviation from permit requirements must be clearly identified in all records and reports. Reports must be certified by a responsible official, consistent with Section 201-6.2 of Part 201.

**Condition 4: Records of Monitoring, Sampling, and Measurement**  
**Effective between the dates of 10/20/2017 and 10/19/2022**

**Applicable Federal Requirement:6 NYCRR 201-6.4 (c) (2)**

**Item 4.1:**

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



reports required by the permit.

**Condition 5: Compliance Certification**  
**Effective between the dates of 10/20/2017 and 10/19/2022**

**Applicable Federal Requirement: 6 NYCRR 201-6.4 (c) (3) (ii)**

**Item 5.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 5.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

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

- (1) For emissions of a hazardous air pollutant (as identified in an applicable regulation) that continue for more than an hour in excess of permit requirements, the report must be made within 24 hours of the occurrence.
- (2) For emissions of any regulated air pollutant, excluding those listed in paragraph (1) of this section, that continue for more than two hours in excess of permit requirements, the report must be made within 48 hours.
- (3) For all other deviations from permit requirements,



the report shall be contained in the 6 month monitoring report required above.

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

If above paragraphs (1) or (2) are met, the source must notify the permitting authority by telephone during normal business hours at the Regional Office of jurisdiction for this permit, attention Regional Air Pollution Control Engineer (RAPCE) according to the timetable listed in paragraphs (1) and (2) of this section. For deviations and incidences that must be reported outside of normal business hours, on weekends, or holidays, the DEC Spill Hotline phone number at 1-800-457-7362 shall be used. A written notice, certified by a responsible official consistent with 6 NYCRR Part 201-6.2(d)(12), must be submitted within 10 working days of an occurrence for deviations reported under (1) and (2). All deviations reported under paragraphs (1) and (2) of this section must also be identified in the 6 month monitoring report required above.

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

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

In the case of any emission testing performed during the previous six month reporting period, either due to a request by the Department, EPA, or a regulatory requirement, the permittee shall include in the semiannual



report a summary of the testing results and shall indicate whether or not the Department or EPA has approved the results.

All semiannual reports may be submitted electronically or physically. Electronic reports shall be submitted using the Department's Air Compliance and Emissions Electronic-Reporting system (ACE). If the facility owner or operator elects to send physical copies instead, two copies shall be sent to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office) and one copy shall be sent to the Administrator (or his or her representative). Mailing addresses for the above referenced persons are contained in the monitoring condition for 6 NYCRR Part 201-6.4(e), contained elsewhere in this permit.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2018.

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

**Condition 6: Compliance Certification**  
**Effective between the dates of 10/20/2017 and 10/19/2022**

**Applicable Federal Requirement: 6 NYCRR 201-6.4 (e)**

**Item 6.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 6.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

- i. Compliance certifications shall contain:
  - the identification of each term or condition of the permit that is the basis of the certification;
  - the compliance status;
  - whether compliance was continuous or intermittent;
  - the method(s) used for determining the compliance status of the facility, currently and over the reporting period consistent with the monitoring and related recordkeeping and reporting requirements of this permit;
  - such other facts as the Department may require to determine the compliance status of the facility as





specified in any special permit terms or conditions;  
and  
- such additional requirements as may be specified elsewhere in this permit related to compliance certification.

ii. The responsible official must include in the annual certification report all terms and conditions contained in this permit which are identified as being subject to certification, including emission limitations, standards, or work practices. That is, the provisions labeled herein as "Compliance Certification" are not the only provisions of this permit for which an annual certification is required.

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

iv. All annual compliance certifications may be submitted electronically or physically. Electronic reports shall be submitted using the Department's Air Compliance and Emissions Electronic-Reporting system (ACE). If the facility owner or operator elects to send physical copies instead, two copies shall be sent to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office) and one copy shall be sent to the Administrator (or his or her representative). The mailing addresses for the above referenced persons are:

Chief – Stationary Source Compliance Section  
USEPA Region 2  
Air Compliance Branch  
290 Broadway  
New York, NY 10007-1866

The address for the RAPCE is as follows:

Regional Air Pollution Control Engineer  
NYSDEC Region 4 Headquarters  
1130 North Westcott Road  
Schenectady, NY 12306-2014

The address for the BQA is as follows:

NYSDEC

**New York State Department of Environmental Conservation**

Permit ID: 4-1926-00001/00110

Facility DEC ID: 4192600001



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

Monitoring Frequency: ANNUALLY  
Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2018.  
Subsequent reports are due on the same day each year

**Condition 7: Compliance Certification**  
**Effective between the dates of 10/20/2017 and 10/19/2022**

**Applicable Federal Requirement:6 NYCRR 202-2.1**

**Item 7.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 7.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES  
Monitoring Description:

Emission statements shall be submitted on or before April 15th each year for emissions of the previous calendar year. Statements are to be mailed to: New York State Department of Environmental Conservation, Division of Air Resources, Bureau of Air Quality Planning, 625 Broadway, Albany NY 12233-3251

Monitoring Frequency: ANNUALLY  
Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due by April 15th for previous calendar year

**Condition 8: Recordkeeping requirements**  
**Effective between the dates of 10/20/2017 and 10/19/2022**

**Applicable Federal Requirement:6 NYCRR 202-2.5**

**Item 8.1:**

(a) The following records shall be maintained for at least five years:

(1) a copy of each emission statement submitted to the department; and

(2) records indicating how the information submitted in the emission statement was determined, including any calculations, data, measurements, and estimates used.

(b) These records shall be made available at the facility to the representatives of the department upon request during normal business hours.

**Condition 9: Open Fires - Prohibitions**  
**Effective between the dates of 10/20/2017 and 10/19/2022**



**Applicable Federal Requirement:6 NYCRR 215.2**

**Item 9.1:**

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

**Item 9.2**

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

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

**MANDATORY FEDERALLY ENFORCEABLE PERMIT CONDITIONS**



**SUBJECT TO ANNUAL CERTIFICATIONS ONLY IF APPLICABLE**

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

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

**Condition 10: Maintenance of Equipment**  
**Effective between the dates of 10/20/2017 and 10/19/2022**

**Applicable Federal Requirement:6 NYCRR 200.7**

**Item 10.1:**

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

**Condition 11: Recycling and Salvage**  
**Effective between the dates of 10/20/2017 and 10/19/2022**

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

**Item 11.1:**

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

**Condition 12: Prohibition of Reintroduction of Collected Contaminants to the air**  
**Effective between the dates of 10/20/2017 and 10/19/2022**

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

**Item 12.1:**

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

**Condition 13: Exempt Sources - Proof of Eligibility**  
**Effective between the dates of 10/20/2017 and 10/19/2022**

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

**Item 13.1:**

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



**Condition 14: Trivial Sources - Proof of Eligibility**  
Effective between the dates of 10/20/2017 and 10/19/2022

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

**Item 14.1:**

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

**Condition 15: Requirement to Provide Information**  
Effective between the dates of 10/20/2017 and 10/19/2022

**Applicable Federal Requirement:**6 NYCRR 201-6.4 (a) (4)

**Item 15.1:**

The owner and/or operator shall furnish to the department, within a reasonable time, any information that the department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the department copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the administrator along with a claim of confidentiality, if the administrator initiated the request for information or otherwise has need of it.

**Condition 16: Right to Inspect**  
Effective between the dates of 10/20/2017 and 10/19/2022

**Applicable Federal Requirement:**6 NYCRR 201-6.4 (a) (8)

**Item 16.1:**

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

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

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

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

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



**Condition 17: Off Permit Changes**

**Effective between the dates of 10/20/2017 and 10/19/2022**

**Applicable Federal Requirement: 6 NYCRR 201-6.4 (f) (6)**

**Item 17.1:**

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

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

(ii) The permit shield described in section 6 NYCRR 201-6.4 shall not apply to any change made pursuant to this paragraph.

**Condition 18: Accidental release provisions.**

**Effective between the dates of 10/20/2017 and 10/19/2022**

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

**Item 18.1:**

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

a) The owner or operator shall comply with the provisions of 40 CFR Part 68 and;

b) The owner or operator shall submit at the time of permit issuance (if not previously submitted) one of the following, if such quantities are present:

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

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

Risk Management Plan Reporting Center  
C/O CSC  
8400 Corporate Dr

**New York State Department of Environmental Conservation**

Permit ID: 4-1926-00001/00110

Facility DEC ID: 4192600001



Carrollton, Md. 20785

**Condition 19: Recycling and Emissions Reduction**  
**Effective between the dates of 10/20/2017 and 10/19/2022**

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

**Item 19.1:**

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

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

**Condition 20: Emission Unit Definition**  
**Effective between the dates of 10/20/2017 and 10/19/2022**

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

**Item 20.1:**

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

Emission Unit: U-ALSEN

Emission Unit Description:

This emission unit consists of the operations and equipment which occur at the Alsen facility. The facility is used primarily for materials storage and as a marine loading/unloading site. The facility's boundary is contiguous with that of the Cementon facility and under the control of the Cementon facility. Several processes within this emission unit have been designated "insignificant" per 6 NYCRR 201-3.2(c).

Building(s): ALSENSILOS

**Item 20.2:**

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

Emission Unit: U-CLTRN

Emission Unit Description:

The clinker transport emission unit includes all operations involved with the transfer and storage of clinker, slag, and cement additives to and within the enclosed clinker storage shed. The Cementon facility accepts cement clinker, slag, and additives produced at other facilities. These materials can be delivered by marine vessel, rail, or truck.

Building(s): CHALL  
FINMILL  
MARINELOAD



**Item 20.3:**

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

Emission Unit: U-FINML

Emission Unit Description:

This emission unit consists of the operations and equipment involved in the production of finished products (cement) from cement clinker, slag, and other additives. Processes include the storage, transfer, and weighing of materials. It also includes final crushing in the roll press and grinding of these materials within the facility's three finish mills to produce various grades of cement to meet varying customer specifications. Any oversized particles which have not been ground to an acceptable size are re-circulated through the mill system until size requirements are satisfied.

Building(s): FINMILL  
RAWMILL

**Item 20.4:**

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 facility's quarry. Associated sources and emission points include drilling, blasting, truck loading and unloading, stone hauling, stone crushing, and stone transfer operations. Emissions from several processes within the emission unit, such as road traffic and storage piles have been classified as 'insignificant' based on the requirements on 6 NYCRR Part 201-6.3(d)(7). See Appendix B for emission information.

Building(s): PCRUSHER  
SCRUSHER

**Item 20.5:**

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

Emission Unit: U-RMHND

Emission Unit Description:

This emission unit consists of the operations and equipment involved in the transfer, storage and handling of raw materials (including the stone removed from the facility's quarry). These materials are all solids and may consist of iron-bearing materials, silica-bearing materials, and other materials which are similar in chemical and/or physical composition.

Building(s): STSILOS  
TCRUSHER



**New York State Department of Environmental Conservation**

Permit ID: 4-1926-00001/00110

Facility DEC ID: 4192600001



**Item 20.6:**

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

Emission Unit: U-SGDRY

Emission Unit Description:

This emission unit is for a number 2 oil-fired rotary slag dryer will dry granulated blast furnace slag from approximately 17% to 0.1% moisture prior to processing. The dryer process rate will be approximately 75 dry tons per hour. The emissions from the slag dryer will be discharged through a cyclone collector followed by a fabric filter baghouse. The dryer is equipped with 2 burners each rated at 32 mmBtu/hr heat input located at opposite ends of the dryer (for a combined total fuel burning capacity of 457 gallons/hr) with emissions taken off the center of the drum.

Building(s): ROTARYDRY

**Item 20.7:**

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

Emission Unit: U-SHPNG

Emission Unit Description:

This emission unit consists of the operations and equipment involved in the transfer, storage, packaging, and shipping of the finished product. Finished product may be shipped via railcar, trucks, marine vessel, or packaged by the facility's bagging equipment. Cement may also be delivered to the facility via marine vessel and transferred to storage to await shipment. One of the processes in this emission unit has been designated as 'insignificant' per 6 NYCRR 201-6.3(d)(7).

Building(s): MARINELOAD  
NEWSILOS  
OLDSILOS  
PACKHOUSE

**Item 20.8:**

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

Emission Unit: U-SOLID

Emission Unit Description:

This emission unit consists of the equipment and operations involved in the storage, transfer, and preparation of coal (or other solid materials) for use in, or storage at the facility. Processes include material unloading, loading, hauling, and preparation of the materials (by crushing) for use. Several processes within this emission unit have been designated 'insignificant' per 6 NYCRR 201-6.3(d)(7). See Appendix B for emission information.

Building(s): KILN



**Condition 21: Progress Reports Due Semiannually**  
**Effective between the dates of 10/20/2017 and 10/19/2022**

**Applicable Federal Requirement:6 NYCRR 201-6.4 (d) (4)**

**Item 21.1:**

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

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

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

**Condition 22: Facility Permissible Emissions**  
**Effective between the dates of 10/20/2017 and 10/19/2022**

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 22.1:**

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

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

CAS No: 007446-09-5

PTE: 77,889 pounds per year

Name: SULFUR DIOXIDE

**Condition 23: Required Emissions Tests - Facility Level**  
**Effective between the dates of 10/20/2017 and 10/19/2022**

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

**Item 23.1:**

An acceptable report of measured emissions shall be submitted, as required by the commissioner, to ascertain compliance or noncompliance with any air pollution code, rule, or regulation.

**Condition 24: Notification**  
**Effective between the dates of 10/20/2017 and 10/19/2022**

**Applicable Federal Requirement:6 NYCRR 202-1.2**

**Item 24.1:**

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

**New York State Department of Environmental Conservation**

Permit ID: 4-1926-00001/00110

Facility DEC ID: 4192600001



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

**Condition 25: Air pollution prohibited**  
**Effective between the dates of 10/20/2017 and 10/19/2022**

**Applicable Federal Requirement:6 NYCRR 211.1**

**Item 25.1:**

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

**Condition 26: Fugitive Dust Control Plan**  
**Effective between the dates of 10/20/2017 and 10/19/2022**

**Applicable Federal Requirement:6 NYCRR 211.1**

**Item 26.1:**

The facility shall suppress fugitive dust in accordance with their Fugitive Dust Control Plan. A copy of the Fugitive Dust Control Plan shall be maintained with the permit for this facility at all times.

**Condition 27: Compliance Certification**  
**Effective between the dates of 10/20/2017 and 10/19/2022**

**Applicable Federal Requirement:40CFR 52.21(j)(2), Subpart A**

**Item 27.1:**

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

Emission Unit: U-SGDRY

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

**Item 27.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Successful compliance testing was performed February, 2004 (0.010 gr/dscf). Future compliance testing to be performed at the discretion of the Department.

Upper Permit Limit: 0.015 grains per standard cubic foot  
Reference Test Method: EPA Methods 201 and 201A

New York State Department of Environmental Conservation

Permit ID: 4-1926-00001/00110

Facility DEC ID: 4192600001



Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Averaging Method: 3-hour average

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 28: Compliance Certification**  
**Effective between the dates of 10/20/2017 and 10/19/2022**

**Applicable Federal Requirement:40CFR 52.21(j)(2), Subpart A**

**Item 28.1:**

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

Emission Unit: U-CLTRN                  Emission Point: CL01A  
Process: ULD

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

**Item 28.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING  
Monitoring Description:

The new truck and rail unloading facility shall be partially enclosed with material drop point emissions collected and exhausted through pollution control equipment with an emission limit shown below. Initial compliance testing was performed which demonstrated compliance. Subsequent testing shall be performed upon request.

Upper Permit Limit: 0.01 grains per dscf

Reference Test Method: Methods 201A and 202

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 29: Compliance Certification**  
**Effective between the dates of 10/20/2017 and 10/19/2022**

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

**Item 29.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 29.2:**

Compliance Certification shall include the following monitoring:

**New York State Department of Environmental Conservation**

Permit ID: 4-1926-00001/00110

Facility DEC ID: 4192600001



Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an open clinker storage pile must prepare, and operate in accordance with, the fugitive dust emissions control measures, as described in their operation and maintenance plan, that are appropriate for the site conditions as specified in paragraphs (c)(1) through (3) below. The operation and maintenance plan must also describe the measures that will be used to minimize fugitive dust emissions from piles of clinker, such as accidental spillage, that are not part of open clinker storage piles.

(1) The operation and maintenance plan must identify and describe the location of each current or future open clinker storage pile and the fugitive dust emissions control measures the owner or operator will use to minimize fugitive dust emissions from each open clinker storage pile.

(2) For open clinker storage piles, the operations and maintenance plan must specify that one or more of the following control measures will be used to minimize to the greatest extent practicable fugitive dust from open clinker storage piles: Locating the source inside a partial enclosure, installing and operating a water spray or fogging system, applying appropriate chemical dust suppression agents, use of a wind barrier, compaction, use of tarpaulin or other equally effective cover or use of a vegetative cover. The facility owner or operator must select, for inclusion in the operations and maintenance plan, the fugitive dust control measure or measures listed in this paragraph that are most appropriate for site conditions. The plan must also explain how the measure or measures selected are applicable and appropriate for site conditions. In addition, the plan must be revised as needed to reflect any changing conditions at the source.

(3) Temporary piles of clinker that result from accidental spillage or clinker storage cleaning operations must be cleaned up within 3 days.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2018.

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

**Condition 30: Compliance Certification**  
**Effective between the dates of 10/20/2017 and 10/19/2022**



**Applicable Federal Requirement:40CFR 63.1347, Subpart LLL**

**Item 30.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 30.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility must prepare, for each affected source subject to the provisions of subpart LLL of 40 CFR Part 63, a written operations and maintenance (O&M) plan. The plan must be submitted to NYSDEC for review and approval as part of the application for a Part 70 permit and must include the following information:

- 1- Procedures for proper operation and maintenance of the affected source and air pollution control devices in order to meet the emission limits and operating limits of §§63.1343-63.1348.
- 2- Corrective actions to be taken when required by §6.1350(f)(3).
- 3- Procedures to be used during an inspection of the components of the combustion system of each kiln and each in-line kiln raw mill located at the facility at least once per year.

Failure to comply with any provision in the O&M plan is a violation of the standard.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 31: Compliance Certification**

**Effective between the dates of 10/20/2017 and 10/19/2022**

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

**Item 31.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 31.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:



63.1350(a)(4) The written operation and maintenance plan required by 63.1350(a) shall include procedures to be used to periodically monitor affected sources subject to opacity standards under 63.1346 and 63.1348. Such procedures must include the following provisions:

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

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

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

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

Parameter Monitored: OPACITY

Upper Permit Limit: 1 percent

Reference Test Method: EPA Method 22

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2018.

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



**Condition 32: Notification Requirements**  
**Effective between the dates of 10/20/2017 and 10/19/2022**

**Applicable Federal Requirement:40CFR 63.1353, Subpart LLL**

**Item 32.1:**

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

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

**Condition 33: Reporting Requirements**  
**Effective between the dates of 10/20/2017 and 10/19/2022**

**Applicable Federal Requirement:40CFR 63.1354, Subpart LLL**

**Item 33.1:**

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

**Condition 34: Recordkeeping Requirements**  
**Effective between the dates of 10/20/2017 and 10/19/2022**

**Applicable Federal Requirement:40CFR 63.1355, Subpart LLL**

**Item 34.1:**

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

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

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

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

(3) If the owner or operator has been granted a waiver under 40 CFR 63.8(f)(6), any information demonstrating whether a source is meeting the requirements for a waiver of recordkeeping or reporting requirements.



**New York State Department of Environmental Conservation**

Permit ID: 4-1926-00001/00110

Facility DEC ID: 4192600001



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

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

(e) You must keep records of the daily clinker production rates and kiln feed rates.

(f) You must keep records of the occurrence and duration of each startup or shutdown.

(g)(1) You must keep records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment.

(g)(2) You must keep records of actions taken during periods of malfunction to minimize emissions in accordance with §63.1348(d) including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation.

h) For each exceedance from an emissions standard or established operating parameter limit, you must keep records of the date, duration and description of each exceedance and the specific actions taken for each exceedance including inspections, corrective actions and repeat performance test and the results of those actions.

**Condition 35: Compliance Certification**  
**Effective between the dates of 10/20/2017 and 10/19/2022**

**Applicable Federal Requirement:40 CFR Part 64**

**Item 35.1:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

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

**Item 35.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Per Part 212.6(a): No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The Department reserves the right to perform or require the performance of a Method 9 opacity



evaluation at any time during facility operation.

In order to demonstrate compliance with Part 212.6(a), the permittee will conduct observations of visible emissions from the emission unit, process, etc. to which this condition applies, plus the nuisance dust collector emission point, at the monitoring frequency stated below while the process is in operation. The permittee will investigate, in a timely manner, any instance where there is cause to believe that visible emissions have the potential to exceed the opacity standard.

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

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

Monitoring Frequency: DAILY  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2018.  
Subsequent reports are due every 6 calendar month(s).

**Condition 36: Compliance Certification**  
**Effective between the dates of 10/20/2017 and 10/19/2022**

**Applicable Federal Requirement:40 CFR Part 64**

**Item 36.1:**  
The Compliance Certification activity will be performed for the facility:  
The Compliance Certification applies to:

Emission Unit: U-FINML

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



**Item 36.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

A daily visible emissions (VE) observation is required for the finish mills and roll press.

Per Part 212.6(a), no person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

In order to demonstrate compliance with Part 212.6(a), the permittee will conduct observations of visible emissions from the emission unit, process, etc. to which this condition applies at the monitoring frequency stated below while the process is in operation. The permittee will immediately investigate any instance where there is cause to believe that visible emissions above those that are normal and in compliance are occurring or have occurred from a process source.

If visible emissions above those that are normal (this may be zero percent opacity for many or all emission sources) and in compliance with section 212.6(a) are detected, the permittee shall determine the cause, make the necessary correction, and verify that the excess visible emissions problem has been corrected.

If visible emissions above those that are normal and in compliance continue to be present after corrections are made, the permittee will immediately notify The Department and conduct a Method 9 assessment within 24 hours to determine the degree of opacity.

Records of these observations, investigations and corrective actions will be kept on-site in a format acceptable to the Department and the semiannual progress report and annual compliance certifications required of all permittees subject to Title V must include a summary of these instances.

Upper Permit Limit: 20 percent  
Reference Test Method: Method 9  
Monitoring Frequency: DAILY  
Averaging Method: 6 MINUTE AVERAGE  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

New York State Department of Environmental Conservation

Permit ID: 4-1926-00001/00110

Facility DEC ID: 4192600001



Reports due 30 days after the reporting period.
The initial report is due 1/30/2018.
Subsequent reports are due every 6 calendar month(s).

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

Condition 37: Emission Point Definition By Emission Unit
Effective between the dates of 10/20/2017 and 10/19/2022

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 37.1:

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

Emission Unit: U-ALSEN

Emission Point: A0001

Height (ft.): 80 Length (in.): 48 Width (in.): 48
NYTMN (km.): 4667.6 NYTME (km.): 589.3 Building: ALSENSILOS

Item 37.2:

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

Emission Unit: U-CLTRN

Emission Point: CL01A

Height (ft.): 33 Diameter (in.): 10
NYTMN (km.): 4665.7 NYTME (km.): 589.8 Building:

MARINELOAD

Emission Point: K0004

Height (ft.): 92 Diameter (in.): 16
NYTMN (km.): 4665.803 NYTME (km.): 589.8 Building: FINMILL

Emission Point: TRUL1

Height (ft.): 92 Diameter (in.): 24
NYTMN (km.): 4665.803 NYTME (km.): 589.638

Emission Point: TRUL2

Height (ft.): 92 Diameter (in.): 24
NYTMN (km.): 4665.78 NYTME (km.): 589.633

Item 37.3:

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

Emission Unit: U-FINML

Emission Point: 00054

Height (ft.): 90 Diameter (in.): 15
NYTMN (km.): 4665.777 NYTME (km.): 589.746 Building: FINMILL

New York State Department of Environmental Conservation

Permit ID: 4-1926-00001/00110

Facility DEC ID: 4192600001



Emission Point: FM001  
Height (ft.): 80 Diameter (in.): 96  
NYTMN (km.): 4665.861 NYTME (km.): 589.768 Building: FINMILL

Emission Point: FM002  
Height (ft.): 38 Length (in.): 18 Width (in.): 18  
NYTMN (km.): 4665.861 NYTME (km.): 589.768 Building: FINMILL

Emission Point: FM003  
Height (ft.): 91 Diameter (in.): 43  
NYTMN (km.): 4665.861 NYTME (km.): 589.761 Building: FINMILL

Emission Point: FM004  
Height (ft.): 90 Diameter (in.): 18  
NYTMN (km.): 4665.858 NYTME (km.): 589.735 Building: FINMILL

Emission Point: FM006  
Height (ft.): 141 Diameter (in.): 44  
NYTMN (km.): 4665.805 NYTME (km.): 589.737 Building: FINMILL

Emission Point: FM007  
Height (ft.): 90 Diameter (in.): 22  
NYTMN (km.): 4665.71 NYTME (km.): 589.7 Building: FINMILL

Emission Point: FM009  
Height (ft.): 45 Diameter (in.): 18  
NYTMN (km.): 4665.71 NYTME (km.): 589.7 Building: FINMILL

Emission Point: RM001  
Height (ft.): 95 Diameter (in.): 25  
NYTMN (km.): 4665.844 NYTME (km.): 589.738 Building: RAWMILL

**Item 37.4:**

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

Emission Unit: U-QUARY

Emission Point: Q0001  
Height (ft.): 40 Diameter (in.): 24  
NYTMN (km.): 4665.7 NYTME (km.): 589.8

Emission Point: Q0002  
Height (ft.): 64 Diameter (in.): 22  
NYTMN (km.): 4665.7 NYTME (km.): 589.8

Emission Point: Q003A  
Height (ft.): 5 Diameter (in.): 8  
NYTMN (km.): 4665.7 NYTME (km.): 589.8

**Item 37.5:**

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

New York State Department of Environmental Conservation

Permit ID: 4-1926-00001/00110

Facility DEC ID: 4192600001



Emission Unit: U-RMHND

Emission Point: RC003

Height (ft.): 9 Diameter (in.): 26  
NYTMN (km.): 4665.7 NYTME (km.): 589.8

Emission Point: RC01A

Height (ft.): 80 Diameter (in.): 24  
NYTMN (km.): 4665.7 NYTME (km.): 589.8

Emission Point: RC02A

Height (ft.): 80 Diameter (in.): 24  
NYTMN (km.): 4665.7 NYTME (km.): 589.8

**Item 37.6:**

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

Emission Unit: U-SGDRY

Emission Point: SD008

Height (ft.): 49 Diameter (in.): 34  
NYTMN (km.): 4665.831 NYTME (km.): 589.592 Building: ROTARYDRY

Emission Point: SD009

Height (ft.): 155 Length (in.): 12 Width (in.): 12  
NYTMN (km.): 4665.71 NYTME (km.): 589.69

Emission Point: SD010

Height (ft.): 155 Length (in.): 12 Width (in.): 12  
NYTMN (km.): 4665.71 NYTME (km.): 589.69

Emission Point: SD011

Height (ft.): 145 Length (in.): 12 Width (in.): 12  
NYTMN (km.): 4665.71 NYTME (km.): 589.69

Emission Point: SD012

Height (ft.): 145 Length (in.): 12 Width (in.): 12  
NYTMN (km.): 4665.71 NYTME (km.): 589.69

Emission Point: SD013

Height (ft.): 135 Length (in.): 12 Width (in.): 12  
NYTMN (km.): 4665.71 NYTME (km.): 589.69

**Item 37.7:**

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

Emission Unit: U-SHPNG

Emission Point: BL001

Height (ft.): 30 Length (in.): 10 Width (in.): 10  
NYTMN (km.): 4665.7 NYTME (km.): 589.8 Building:

**New York State Department of Environmental Conservation**

**Permit ID: 4-1926-00001/00110**

**Facility DEC ID: 4192600001**



MARINELOAD

Emission Point: BL002  
Height (ft.): 33 Diameter (in.): 10  
NYTMN (km.): 4665.7 NYTME (km.): 589.8 Building:

MARINELOAD

Emission Point: NS001  
Height (ft.): 172 Length (in.): 16 Width (in.): 18  
NYTMN (km.): 4665.7 NYTME (km.): 589.8 Building: NEWSILOS

Emission Point: NS002  
Height (ft.): 172 Length (in.): 16 Width (in.): 18  
NYTMN (km.): 4665.7 NYTME (km.): 589.8 Building: NEWSILOS

Emission Point: NS003  
Height (ft.): 30 Diameter (in.): 10  
NYTMN (km.): 4665.7 NYTME (km.): 589.8 Building: NEWSILOS

Emission Point: NS004  
Height (ft.): 25 Diameter (in.): 13  
NYTMN (km.): 4665.7 NYTME (km.): 589.8 Building: NEWSILOS

Emission Point: NS005  
Height (ft.): 30 Diameter (in.): 13  
NYTMN (km.): 4665.7 NYTME (km.): 589.8 Building: NEWSILOS

Emission Point: NS006  
Height (ft.): 22 Diameter (in.): 8  
NYTMN (km.): 4665.7 NYTME (km.): 589.8 Building: NEWSILOS

Emission Point: NS007  
Height (ft.): 22 Diameter (in.): 8  
NYTMN (km.): 4665.7 NYTME (km.): 589.8 Building: NEWSILOS

Emission Point: NS008  
Height (ft.): 22 Diameter (in.): 8  
NYTMN (km.): 4665.7 NYTME (km.): 589.8 Building: NEWSILOS

Emission Point: NS009  
Height (ft.): 22 Diameter (in.): 8  
NYTMN (km.): 4665.7 NYTME (km.): 589.8 Building: NEWSILOS

Emission Point: NS010  
Height (ft.): 22 Diameter (in.): 8  
NYTMN (km.): 4665.7 NYTME (km.): 589.8 Building: NEWSILOS

Emission Point: NS011  
Height (ft.): 22 Diameter (in.): 8  
NYTMN (km.): 4665.7 NYTME (km.): 589.8 Building: NEWSILOS

Emission Point: NS012

**New York State Department of Environmental Conservation**

Permit ID: 4-1926-00001/00110

Facility DEC ID: 4192600001



Height (ft.): 22 NYTMN (km.): 4665.7	Diameter (in.): 8 NYTME (km.): 589.8	Building: NEWSILOS
Emission Point: NS013 Height (ft.): 22 NYTMN (km.): 4665.7	Diameter (in.): 8 NYTME (km.): 589.8	Building: NEWSILOS
Emission Point: NS014 Height (ft.): 22 NYTMN (km.): 4665.7	Diameter (in.): 8 NYTME (km.): 589.8	Building: NEWSILOS
Emission Point: NS015 Height (ft.): 30 NYTMN (km.): 4665.7	Diameter (in.): 10 NYTME (km.): 589.8	Building: NEWSILOS
Emission Point: NS016 Height (ft.): 22 NYTMN (km.): 4665.7	Diameter (in.): 8 NYTME (km.): 589.8	Building: NEWSILOS
Emission Point: NS017 Height (ft.): 22 NYTMN (km.): 4665.7	Diameter (in.): 8 NYTME (km.): 589.8	Building: NEWSILOS
Emission Point: NS01A Height (ft.): 171 NYTMN (km.): 4665.921	Length (in.): 14 NYTME (km.): 589.865	Width (in.): 14
Emission Point: OS001 Height (ft.): 124 NYTMN (km.): 4665.7	Length (in.): 16 NYTME (km.): 589.8	Width (in.): 18 Building: OLDSILOS
Emission Point: OS002 Height (ft.): 124 NYTMN (km.): 4665.7	Length (in.): 16 NYTME (km.): 589.8	Width (in.): 18 Building: OLDSILOS
Emission Point: OS003 Height (ft.): 108 NYTMN (km.): 4665.7	Length (in.): 16 NYTME (km.): 589.8	Width (in.): 18 Building: OLDSILOS
Emission Point: OS004 Height (ft.): 108 NYTMN (km.): 4665.7	Length (in.): 16 NYTME (km.): 589.8	Width (in.): 18 Building: OLDSILOS
Emission Point: OS005 Height (ft.): 60 NYTMN (km.): 4665.7	Diameter (in.): 9 NYTME (km.): 589.8	Building: OLDSILOS
Emission Point: OS006 Height (ft.): 60 NYTMN (km.): 4665.7	Diameter (in.): 9 NYTME (km.): 589.8	Building: OLDSILOS
Emission Point: OS007		





New York State Department of Environmental Conservation

Permit ID: 4-1926-00001/00110

Facility DEC ID: 4192600001

Height (ft.): 124	Length (in.): 18	Width (in.): 16
NYTMN (km.): 4665.921	NYTME (km.): 589.865	Building: OLDSILOS
Emission Point: OS008		
Height (ft.): 124	Length (in.): 18	Width (in.): 16
NYTMN (km.): 4665.921	NYTME (km.): 589.865	Building: OLDSILOS
Emission Point: PH001		
Height (ft.): 66	Diameter (in.): 22	
NYTMN (km.): 4665.7	NYTME (km.): 589.8	Building: PACKHOUSE
Emission Point: PH002		
Height (ft.): 66	Diameter (in.): 22	
NYTMN (km.): 4665.7	NYTME (km.): 589.8	Building: PACKHOUSE
Emission Point: PH003		
Height (ft.): 66	Diameter (in.): 22	
NYTMN (km.): 4665.7	NYTME (km.): 589.8	Building: PACKHOUSE
Emission Point: PH004		
Height (ft.): 41	Length (in.): 7	Width (in.): 9
NYTMN (km.): 4665.7	NYTME (km.): 589.8	Building: PACKHOUSE

**Item 37.8:**

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

Emission Unit: U-SOLID

Emission Point: C001A

Height (ft.): 10	Diameter (in.): 31	
NYTMN (km.): 4665.7	NYTME (km.): 589.8	Building: KILN

**Condition 38: Process Definition By Emission Unit**  
**Effective between the dates of 10/20/2017 and 10/19/2022**

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

**Item 38.1:**

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

Emission Unit: U-ALSEN

Process: A01 Source Classification Code: 3-05-007-07

Process Description:

Unloading of raw materials identified as "BUD (Beneficial Use Determination) materials" per 6 NYCRR 360-1.15 at the Alsen dock. These emissions are fugitive and insignificant per 6 NYCRR 201-6.3(d)(7). Throughput information is not required to determine compliance.

Emission Source/Control: AUNDK - Process

**Item 38.2:**



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

Emission Unit: U-ALSEN  
Process: A02 Source Classification Code: 3-05-007-07  
Process Description:  
Unloading of raw material identified as "Non-BUD (Beneficial Use Determination) materials" at the Alsen dock. These emissions are fugitive and insignificant per 6 NYCRR 201-6.3(d)(7). Throughput information is not required to determine compliance.

Emission Source/Control: AUNDK - Process

**Item 38.3:**

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

Emission Unit: U-ALSEN  
Process: A03 Source Classification Code: 3-05-007-12  
Process Description:  
Transfer of raw materials identified as "BUD (Beneficial Use Determination) materials" per 6 NYCRR 360-1.15 from the Alsen dock to Alsen storage. Throughput information is not required to determine compliance. These emissions are fugitive and insignificant per 6 NYCRR 201-6.3(d)(7).

Emission Source/Control: ATRST - Process

**Item 38.4:**

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

Emission Unit: U-ALSEN  
Process: A04 Source Classification Code: 3-05-007-12  
Process Description:  
Transfer of raw materials identified as "Non-BUD (Beneficial Use Determination) Materials" from the Alsen dock to Alsen storage. Throughput information is not required to determine compliance. These emissions are fugitive and insignificant per 6 NYCRR 201-6.3(d)(7).

Emission Source/Control: ATRST - Process

**Item 38.5:**

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

Emission Unit: U-ALSEN  
Process: A05 Source Classification Code: 3-05-007-08  
Process Description:  
Erosion of storage piles of raw materials identified as "BUD (Beneficial Use determination) Materials" per 6 NYCRR 360-1.15. Throughput information is not required to determine compliance. These emissions are fugitive.



Emission Source/Control: AERST - Process

**Item 38.6:**

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

Emission Unit: U-ALSEN  
Process: A06 Source Classification Code: 3-05-007-08  
Process Description:  
Erosion of outdoor storage piles of raw materials identified as "Non-BUD (Beneficial Use Determination) Materials".

Emission Source/Control: AERST - Process

**Item 38.7:**

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

Emission Unit: U-ALSEN  
Process: A09 Source Classification Code: 3-05-007-99  
Process Description:  
Traffic at the Alsen site, including vehicles transporting raw materials from the dock area to the storage area.

Emission Source/Control: ATRAF - Process

**Item 38.8:**

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

Emission Unit: U-CLTRN  
Process: CL1 Source Classification Code: 3-05-007-16  
Process Description:  
Transfer of cement clinker from the clinker cooler to storage (clinker discharge). Also the unloading and transfer of cement clinker and other solid materials from off site to storage in the clinker hall. Conveyors and elevator system are controlled.

Emission Source/Control: CLTRA - Process  
Design Capacity: 80 tons per hour

**Item 38.9:**

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

Emission Unit: U-CLTRN  
Process: CL2 Source Classification Code: 3-05-007-15  
Process Description:  
Clinker storage in the fully enclosed structure known as the crane bay. Throughput information is not required to determine compliance. These emissions are fugitive and insignificant per 6 NYCRR 201-6.3(d)(7).



Emission Source/Control: CLSTO - Process

**Item 38.10:**

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

Emission Unit: U-CLTRN  
Process: CL3 Source Classification Code: 3-05-007-16  
Process Description:  
Transfer and movement of stored clinker (by crane or other mechanical devices). Throughput information is not required to determine compliance. These emissions are fugitive.

Emission Source/Control: CLTRB - Process

**Item 38.11:**

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

Emission Unit: U-CLTRN  
Process: CL4 Source Classification Code: 3-05-007-15  
Process Description:  
Erosion of clinker stored in outdoor (non-enclosed) piles. Throughput information is not required to determine compliance. These emissions are fugitive and insignificant per 6 NYCRR 201-6.3(d)(7).

Emission Source/Control: ERCLP - Process

**Item 38.12:**

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

Emission Unit: U-CLTRN  
Process: CL5 Source Classification Code: 3-05-007-16  
Process Description:  
This process includes marine vessel unloading. These emissions are fugitive.

Emission Source/Control: CLSHP - Process  
Design Capacity: 80 tons per hour

Emission Source/Control: CLTRA - Process  
Design Capacity: 80 tons per hour

**Item 38.13:**

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

Emission Unit: U-CLTRN  
Process: CLH Source Classification Code: 3-05-006-16  
Process Description:  
Transfer of dried slag from the slag dryer to the clinker hall into the finish mills.



Emission Source/Control: CHALL - Process

**Item 38.14:**

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

Emission Unit: U-CLTRN  
Process: ULD Source Classification Code: 3-05-007-99  
Process Description: New truck and rail unloading facility.

Emission Source/Control: TRBH1 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: TRBH2 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: CLTRU - Process

**Item 38.15:**

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

Emission Unit: U-FINML  
Process: F01 Source Classification Code: 3-05-007-99  
Process Description:  
Operation of finish mill #1 during which cement, clinker,  
slag, and other additives are ground into finished  
cement.

Emission Source/Control: FM142 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: FM803 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: FM1OP - Process  
Design Capacity: 160 tons per hour

**Item 38.16:**

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

Emission Unit: U-FINML  
Process: F02 Source Classification Code: 3-05-007-17  
Process Description:  
Operation of finish mill #2 during which cement, clinker,  
slag, and other additives are ground into finished  
cement.

Emission Source/Control: 0320V - Control  
Control Type: FABRIC FILTER

Emission Source/Control: 610LC - Control  
Control Type: FABRIC FILTER

**New York State Department of Environmental Conservation**

Permit ID: 4-1926-00001/00110

Facility DEC ID: 4192600001



Emission Source/Control: FM03B - Control  
Control Type: FABRIC FILTER

Emission Source/Control: FM227 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: FM251 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: S601L - Control  
Control Type: GRAVITY COLLECTOR

Emission Source/Control: FM2CL - Process  
Design Capacity: 160 tons per hour

Emission Source/Control: FM2OP - Process  
Design Capacity: 160 tons per hour

**Item 38.17:**

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

Emission Unit: U-FINML

Process: F03

Source Classification Code: 3-05-007-17

Process Description:

Operation of finish mill #3 during which cement, clinker, slag, and additives are ground into finished cement.

Emission Source/Control: MSDC1 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: NDC03 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: NDC04 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: SDC01 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: FM3OP - Process  
Design Capacity: 160 tons per hour

**Item 38.18:**

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

Emission Unit: U-FINML

Process: FRP

Source Classification Code: 3-05-007-99

Process Description:

Operations of the roll press to feed finish mills #1 and #2.

Emission Source/Control: 0328F - Control

**New York State Department of Environmental Conservation**

Permit ID: 4-1926-00001/00110

Facility DEC ID: 4192600001



Control Type: FABRIC FILTER

Emission Source/Control: FM560 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: NDC04 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: 0325F - Process

Emission Source/Control: RPRES - Process  
Design Capacity: 280 tons per hour

**Item 38.19:**

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

Emission Unit: U-FINML

Process: FTR

Source Classification Code: 3-05-007-99

Process Description:

Transfer of clinker and other materials to the facility's finishing operations which consist of a roll press and three (3) finish mills. Emissions from these operations are included in the calculations of emission unit U-CLTRN.

Emission Source/Control: 0304V - Control  
Control Type: FABRIC FILTER

Emission Source/Control: 306VA - Control  
Control Type: FABRIC FILTER

Emission Source/Control: 306VB - Control  
Control Type: FABRIC FILTER

Emission Source/Control: 610LA - Control  
Control Type: FABRIC FILTER

Emission Source/Control: 610LB - Control  
Control Type: FABRIC FILTER

Emission Source/Control: FM04B - Control  
Control Type: FABRIC FILTER

Emission Source/Control: NDC01 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: TRAN1 - Process

Emission Source/Control: TRAN2 - Process

Emission Source/Control: TRAN3 - Process



Emission Source/Control: TRANR - Process

**Item 38.20:**

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

Emission Unit: U-QUARY

Process: Q01

Source Classification Code: 3-05-020-09

Process Description:

Drilling and blasting operations within the facility's quarry. These operations loosen stone from the quarry walls for further processing (crushing). Emissions from this process are insignificant per 6 NYCRR 201-6.3(d)(7). Throughput information is not required to determine compliance. A portion of the emissions associated with this process are fugitive.

Emission Source/Control: Q003B - Control

Control Type: FABRIC FILTER

Emission Source/Control: QDRLL - Process

Design Capacity: 171 tons per hour

**Item 38.21:**

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

Emission Unit: U-QUARY

Process: Q02

Source Classification Code: 3-05-007-12

Process Description:

Loading of quarried stone into trucks for transport to the crusher(s). Emissions from this process are insignificant per 6 NYCRR 201-6.3(d)(7). Throughput information is not required to determine compliance. A portion of the emissions associated with this process are fugitive.

Emission Source/Control: LTRUC - Process

**Item 38.22:**

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

Emission Unit: U-QUARY

Process: Q03

Source Classification Code: 3-05-007-08

Process Description:

Erosion of stone storage piles within the quarry. Emissions from this process are insignificant per 6 NYCRR 201-6.3(d)(7). Throughput information is not required to determine compliance. A portion of the emissions associated with this process are fugitive.

Emission Source/Control: ERPIL - Process

**Item 38.23:**





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

Emission Unit: U-QUARY  
Process: Q04 Source Classification Code: 3-05-007-07  
Process Description:  
Unloading of stone trucks within the quarry. Emissions from this process are insignificant per 6 NYCRR 201-6.3(d)(7). Throughput information is not required to determine compliance. A portion of the emissions associated with this process are fugitive.

Emission Source/Control: UTRUC - Process

**Item 38.24:**

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

Emission Unit: U-QUARY  
Process: Q05 Source Classification Code: 3-05-007-09  
Process Description: Operation of primary quarry crusher.

Emission Source/Control: Q001B - Control  
Control Type: DUST SUPPRESSION BY WATER SPRAY

Emission Source/Control: PCRSB - Process  
Design Capacity: 171 tons per hour

**Item 38.25:**

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

Emission Unit: U-QUARY  
Process: Q06 Source Classification Code: 3-05-007-12  
Process Description:  
Transfer of stone from the primary to the secondary crusher. Emissions from this process are insignificant per 6 NYCRR 201-6.3(d)(7). Throughput information is not required to determine compliance. A portion of the emissions associated with this process are fugitive.

Emission Source/Control: PTRAN - Process

**Item 38.26:**

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

Emission Unit: U-QUARY  
Process: Q07 Source Classification Code: 3-05-007-10  
Process Description: Operation of secondary crusher.

Emission Source/Control: Q002B - Control  
Control Type: DUST SUPPRESSION BY WATER SPRAY

Emission Source/Control: SCRSH - Process  
Design Capacity: 171 tons per hour

**New York State Department of Environmental Conservation**

Permit ID: 4-1926-00001/00110

Facility DEC ID: 4192600001



**Item 38.27:**

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

Emission Unit: U-QUARY

Process: Q08

Source Classification Code: 3-05-007-12

Process Description:

Transfer of stone from secondary crusher to the main plant. Emissions from this process are insignificant per 6 NYCRR 201-6.3(d)(7). Throughput information is not required to determine compliance. A portion of the emissions associated with this process are fugitive.

Emission Source/Control: STRAN - Process

**Item 38.28:**

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

Emission Unit: U-QUARY

Process: Q09

Source Classification Code: 3-05-007-99

Process Description:

Erosion of open quarry areas. Emissions from this process are insignificant per 6 NYCRR 201-6.3(d)(7). Throughput information is not required to determine compliance. A portion of the emissions associated with this process are fugitive.

Emission Source/Control: ERQUA - Process

**Item 38.29:**

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

Emission Unit: U-QUARY

Process: Q10

Source Classification Code: 3-05-007-99

Process Description:

Transfer and storage of quarry overburden. Emissions from this process are insignificant per 6 NYCRR 201-6.3(d)(7). Throughput information is not required to determine compliance. A portion of the emissions associated with this process are fugitive.

Emission Source/Control: OVRTR - Process

**Item 38.30:**

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

Emission Unit: U-QUARY

Process: Q11

Source Classification Code: 3-05-007-99

Process Description:

Traffic on the quarry roads (primarily unpaved). Emissions from this process are insignificant per 6 NYCRR 201-6.3(d)(7). Throughput information is not required to

New York State Department of Environmental Conservation

Permit ID: 4-1926-00001/00110

Facility DEC ID: 4192600001



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

Emission Source/Control: QTRAF - Process

**Item 38.31:**

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

Emission Unit: U-RMHND

Process: R01

Source Classification Code: 3-05-007-12

Process Description:

Transfer of stone from quarry belt to main plant storage pile. Emissions from this process are fugitive and insignificant per 6 NYCRR 201-6.3(d)(7). Throughput information is not required to determine compliance.

Emission Source/Control: BLTPL - Process

**Item 38.32:**

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

Emission Unit: U-RMHND

Process: R02

Source Classification Code: 3-05-007-08

Process Description:

Erosion of the main plant stone storage pile. Emissions from this process are fugitive and insignificant per 6 NYCRR 201-6.3(d)(7). Throughput information is not required to determine compliance.

Emission Source/Control: ERMPL - Process

**Item 38.33:**

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

Emission Unit: U-RMHND

Process: R03

Source Classification Code: 3-05-007-12

Process Description:

Transfer of stone from the main plant storage area to the tertiary crusher. Emissions from this process are fugitive and insignificant per 6 NYCRR 201-6.3(d)(7). Throughput information is not required to determine compliance.

Emission Source/Control: TTRAN - Process

**Item 38.34:**

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

Emission Unit: U-RMHND

Process: R04

Source Classification Code: 3-05-007-10

Process Description: Operation of the tertiary crusher.

**New York State Department of Environmental Conservation**

Permit ID: 4-1926-00001/00110

Facility DEC ID: 4192600001



Emission Source/Control: RC03B - Control  
Control Type: DUST SUPPRESSION BY WATER SPRAY

Emission Source/Control: TCRSH - Process  
Design Capacity: 171 tons per hour

**Item 38.35:**

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

Emission Unit: U-RMHND  
Process: R05 Source Classification Code: 3-05-007-12  
Process Description:  
Transfer of the crushed stone to the storage silos.  
Emissions from this process are fugitive and insignificant  
per 6 NYCRR 201-6.3(d)(7). Throughput information is not  
required to determine compliance.

Emission Source/Control: CRSIL - Process

**Item 38.36:**

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

Emission Unit: U-RMHND  
Process: R06 Source Classification Code: 3-05-007-99  
Process Description:  
Operation of the stone storage silos. Emissions from  
this process are fugitive and insignificant per 6 NYCRR  
201-6.3(d)(7). Throughput information is not required to  
determine compliance.

Emission Source/Control: STSIL - Process  
Design Capacity: 171 tons per hour

**Item 38.37:**

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

Emission Unit: U-RMHND  
Process: R07 Source Classification Code: 3-05-007-07  
Process Description:  
Unloading of raw materials identified as "BUD (Beneficial  
Use Determination) Materials" per NYCRR 360-1.15.  
Throughput information is not required to determine  
compliance. These emissions are fugitive and  
insignificant per NYCRR 201-6.3(d)(7).

Emission Source/Control: RAWUN - Process

**Item 38.38:**

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

Emission Unit: U-RMHND  
Process: R08 Source Classification Code: 3-05-007-07

New York State Department of Environmental Conservation

Permit ID: 4-1926-00001/00110

Facility DEC ID: 4192600001



Process Description:

Unloading of raw materials not identified as "BUD (Beneficial Use Determination) Materials". Throughput information is not required to determine compliance. These emissions are fugitive and insignificant per NYCRR 201-6.3(d)(7).

Emission Source/Control: RAWUN - Process

**Item 38.39:**

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

Emission Unit: U-RMHND

Process: R09

Source Classification Code: 3-05-007-08

Process Description:

Erosion of storage piles containing materials identified as "BUD (Beneficial Use Determination) Materials" per 6 NYCRR 360-1.15. Throughput information is not required to determine compliance. These emissions are fugitive.

Emission Source/Control: ERRPL - Process

**Item 38.40:**

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

Emission Unit: U-RMHND

Process: R10

Source Classification Code: 3-05-007-08

Process Description:

Erosion of storage piles containing materials identified as "Non-BUD Materials". Throughput information is not required to determine compliance. These emissions are fugitive.

Emission Source/Control: ERRPL - Process

**Item 38.41:**

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

Emission Unit: U-RMHND

Process: R11

Source Classification Code: 3-05-007-12

Process Description:

Transfer of raw materials identified as "BUD (Beneficial Use Determination) Materials" per 6 NYCRR 360-1.15. Throughput information is not required to determine compliance. These emissions are fugitive and insignificant per 6 NYCRR 201-6.3(d)(7).

Emission Source/Control: RAWTR - Process

**Item 38.42:**

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



Emission Unit: U-RMHND  
Process: R12 Source Classification Code: 3-05-007-12

Process Description:  
Transfer of raw materials identified as "Non-BUD Materials" per 6 NYCRR 360-1.15. Throughput information is not required to determine compliance. These emissions are fugitive and insignificant per 6 NYCRR 201-6.3(d)(7).

Emission Source/Control: RAWTR - Process

**Item 38.43:**

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

Emission Unit: U-RMHND  
Process: R13 Source Classification Code: 3-05-007-08

Process Description:  
Storage of materials identified as "BUD (Beneficial Use Determination) Materials" per 6 NYCRR 360-1.15. Throughput information is not required to determine compliance. These emissions are fugitive and insignificant per 6 NYCRR 201-6.3(d)(7).

Emission Source/Control: RAWST - Process  
Design Capacity: 91 tons per hour

**Item 38.44:**

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

Emission Unit: U-RMHND  
Process: R14 Source Classification Code: 3-05-007-08

Process Description:  
Storage of materials identified as "Non-BUD Materials". Throughput information is not required to determine compliance. These emissions are fugitive and insignificant per 6 NYCRR 201-6.3(d)(7).

Emission Source/Control: RAWST - Process  
Design Capacity: 91 tons per hour

**Item 38.45:**

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

Emission Unit: U-RMHND  
Process: R15 Source Classification Code: 3-05-007-07

Process Description:  
Unloading of raw materials identified as "BUD (Beneficial Use Determination) Materials" per 6 NYCRR 360-1.15 at the Cementon dock. Throughput information is not required to determine compliance. Emissions are fugitive and insignificant per 6 NYCRR 201-6.3(d)(7).

Emission Source/Control: RAWDK - Process

**New York State Department of Environmental Conservation**

Permit ID: 4-1926-00001/00110

Facility DEC ID: 4192600001



**Item 38.46:**

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

Emission Unit: U-RMHND

Process: R16

Source Classification Code: 3-05-007-07

Process Description:

Unloading of raw materials identified as "Non-BUD Materials" at the Cementon dock. Throughput information is not required to determine compliance. Emissions are fugitive and insignificant per 6 NYCRR 201-6.3(d)(7).

Emission Source/Control: RAWDK - Process

**Item 38.47:**

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

Emission Unit: U-RMHND

Process: R17

Source Classification Code: 3-05-007-08

Process Description:

Erosion of storage piles at the Cementon dock comprised of material identified as "BUD (Beneficial Use Determination) Materials" per 6 NYCRR 360-1.15. Throughput information is not required to determine compliance. Emissions are fugitive and insignificant per 6 NYCRR 201-6.3(d)(7).

Emission Source/Control: ERPDK - Process

**Item 38.48:**

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

Emission Unit: U-RMHND

Process: R18

Source Classification Code: 3-05-007-08

Process Description:

Erosion of storage piles at the Cementon dock comprised of materials identified as "Non-BUD Materials" per 6 NYCRR 360-1.15. Throughput information is not required to determine compliance. Emissions are fugitive and insignificant per 6 NYCRR 201-6.3(d)(7).

Emission Source/Control: ERPDK - Process

**Item 38.49:**

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

Emission Unit: U-RMHND

Process: R19

Source Classification Code: 3-05-007-99

Process Description:

Traffic throughout the main plant area (both paved and unpaved roads). Emissions are fugitive and insignificant per 6 NYCRR 201-6.3(d)(7).



Emission Source/Control: PTRAF - Process

**Item 38.50:**

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

Emission Unit: U-SGDRY

Process: CVR

Source Classification Code: 3-05-006-12

Process Description:

These processes include the ship unloading to the slag storage staging area, storage piles, truck and front end loader road dust, slag feed hopper and the belt conveyors that move the wet metal slag through the lump breaker to the rotary slag dryer. This process also includes the bucket elevator and belt conveyor system that moves the dried slag to the clinker hall for blending with clinker and other additives. These sources are fugitive emissions and include emission points SF001-SF007.

Emission Source/Control: BKELV - Process

Design Capacity: 75 tons per hour

Emission Source/Control: LMPBR - Process

Design Capacity: 90 tons per hour

Emission Source/Control: SGCB1 - Process

Design Capacity: 90 tons per hour

Emission Source/Control: SGFHE - Process

Design Capacity: 90 tons per hour

Emission Source/Control: SGFHW - Process

Emission Source/Control: SGSTA - Process

Emission Source/Control: SGSTO - Process

Design Capacity: 90 tons per hour

Emission Source/Control: SHPUL - Process

Design Capacity: 1,000 tons per hour

**Item 38.51:**

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

Emission Unit: U-SGDRY

Process: DRY

Source Classification Code: 3-05-006-13

Process Description:

The oil-fired rotary slag dryer will dry wet metal slag that is delivered to the facility. The unit is rated at a wet slag throughput of 90 tons/hour feed with an anticipated dried slag output of nominally 75 tons/hour. The discharge from the rotary dryer will pass through a



New York State Department of Environmental Conservation

Permit ID: 4-1926-00001/00110

Facility DEC ID: 4192600001



pre-cleaning cyclone followed by a fabric filter baghouse with a combined particulate removal of 99.9% or better. The air cleaning system is designed to easily accommodate an air flow of 55,000 dscfm which will discharge to emission point SD008. The two burners have a combined rated burning capacity of 457 gallons/hour. Fuel use will be used to limit the hours of operation to keep SO2 emissions below the PSD triggering threshold of 40 tons. A 0.2% sulfur limit will be taken on all #2 oil fired in this unit.

Emission Source/Control: 0046A - Control  
Control Type: FABRIC FILTER

Emission Source/Control: 0050A - Control  
Control Type: FABRIC FILTER

Emission Source/Control: CHBC1 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: CHBC2 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: CHBC3 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: CHBC4 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: CHBC5 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: SD042 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: RSDRY - Process

Emission Source/Control: SGDBN - Process

Emission Source/Control: SGDBS - Process

**Item 38.52:**

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

Emission Unit: U-SHPNG

Process: S01

Source Classification Code: 3-05-007-18

Process Description:

Operation of the facility's east new storage silos. Operations include filling, emptying, and inter-silo transfers of finished product.

Emission Source/Control: S806B - Control

**New York State Department of Environmental Conservation**

Permit ID: 4-1926-00001/00110

Facility DEC ID: 4192600001



Control Type: FABRIC FILTER

Emission Source/Control: S806F - Control  
Control Type: FABRIC FILTER

Emission Source/Control: ESLOP - Process  
Design Capacity: 275 tons per hour

**Item 38.53:**

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

Emission Unit: U-SHPNG  
Process: S02 Source Classification Code: 3-05-007-18  
Process Description:  
Operation of facility's west new storage silos.  
Operations include filling, emptying, and inter-silo  
transfers of finished product.

Emission Source/Control: S806D - Control  
Control Type: FABRIC FILTER

Emission Source/Control: SS806 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: SS807 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: WSLOP - Process

**Item 38.54:**

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

Emission Unit: U-SHPNG  
Process: S03 Source Classification Code: 3-05-007-18  
Process Description:  
Operation of the facility's old storage silos.  
Operations include filling, emptying, and inter-silo  
transfers of finished product.

Emission Source/Control: S809B - Control  
Control Type: FABRIC FILTER

Emission Source/Control: S809D - Control  
Control Type: FABRIC FILTER

Emission Source/Control: S809F - Control  
Control Type: FABRIC FILTER

Emission Source/Control: S809H - Control  
Control Type: FABRIC FILTER, DRY SPRAY ADSORPTION

Emission Source/Control: S809J - Control

**New York State Department of Environmental Conservation**

Permit ID: 4-1926-00001/00110

Facility DEC ID: 4192600001



Control Type: FABRIC FILTER

Emission Source/Control: SS809 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: OSLOP - Process  
Design Capacity: 275 tons per hour

**Item 38.55:**

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

Emission Unit: U-SHPNG  
Process: S04 Source Classification Code: 3-05-007-19  
Process Description:  
Operation of the facility's packaging machines (3 total).  
The finished product (Cement) is placed in bags for shipment and sale.

Emission Source/Control: PK115 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: PK215 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: PK315 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: PKMAC - Process  
Design Capacity: 165 tons per hour

**Item 38.56:**

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

Emission Unit: U-SHPNG  
Process: S05 Source Classification Code: 3-05-007-19  
Process Description:  
Transfer of finished product (cement) from the east and west silos into trucks and/or railcars for bulk shipments.

Emission Source/Control: 0309A - Control  
Control Type: FABRIC FILTER

Emission Source/Control: 309AA - Control  
Control Type: FABRIC FILTER

Emission Source/Control: 309AB - Control  
Control Type: FABRIC FILTER

Emission Source/Control: 309AC - Control  
Control Type: FABRIC FILTER

**New York State Department of Environmental Conservation**

Permit ID: 4-1926-00001/00110

Facility DEC ID: 4192600001



Emission Source/Control: 309AD - Control  
Control Type: FABRIC FILTER

Emission Source/Control: 309AE - Control  
Control Type: FABRIC FILTER

Emission Source/Control: 309AF - Control  
Control Type: FABRIC FILTER

Emission Source/Control: 309AG - Control  
Control Type: FABRIC FILTER

Emission Source/Control: 309AH - Control  
Control Type: FABRIC FILTER

Emission Source/Control: 309AI - Control  
Control Type: FABRIC FILTER

Emission Source/Control: PK103 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: PK303 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: NWBUL - Process  
Design Capacity: 575 tons per hour

**Item 38.57:**

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

Emission Unit: U-SHPNG  
Process: S06 Source Classification Code: 3-05-007-19  
Process Description:  
Transfer of finished product (cement) from the old silos  
into trucks and/or railcars for bulk shipment.

Emission Source/Control: OS06B - Control  
Control Type: FABRIC FILTER

Emission Source/Control: S021A - Control  
Control Type: FABRIC FILTER

Emission Source/Control: S024A - Control  
Control Type: FABRIC FILTER

Emission Source/Control: OLBUL - Process  
Design Capacity: 104 tons per hour

**Item 38.58:**

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

Emission Unit: U-SHPNG



Process: S07 Source Classification Code: 3-05-007-19

Process Description:

Operations of the packhouse palletizer and bag flattening machines, used in conjunction with the product bagging equipment. Emissions from this operation are insignificant per 6 NYCRR 201-6.3(d)(7).

Emission Source/Control: PK506 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: TRPAL - Process  
Design Capacity: 57 tons per hour

**Item 38.59:**

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

Emission Unit: U-SHPNG

Process: S08 Source Classification Code: 3-05-007-19

Process Description:

Operation of the surge bin in association with the loading/unloading of finished product (cement) from marine vessels.

Emission Source/Control: BG118 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: SURBN - Process  
Design Capacity: 400 tons per hour

**Item 38.60:**

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

Emission Unit: U-SHPNG

Process: S09 Source Classification Code: 3-05-007-19

Process Description:

Transfer of finished product (cement) to and from marine vessels from the surge bin.

Emission Source/Control: BG109 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: TRMAR - Process  
Design Capacity: 400 tons per hour

**Item 38.61:**

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

Emission Unit: U-SOLID

Process: SF1 Source Classification Code: 3-05-010-99

Process Description:

Unloading of coal and other solid material (from truck, rail, and marine vessels) to storage. Throughput

**New York State Department of Environmental Conservation**

Permit ID: 4-1926-00001/00110

Facility DEC ID: 4192600001



information is not required to determine compliance.  
These emissions are fugitive and insignificant per 6 NYCRR  
201-6.3(d)(7).

Emission Source/Control: COALU - Process

**Item 38.62:**

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

Emission Unit: U-SOLID  
Process: SF2 Source Classification Code: 3-05-010-43  
Process Description:  
Wind erosion of coal and other solid material storage  
piles and areas. Throughput information is not required  
to determine compliance. These emissions are fugitive  
and insignificant per 6 NYCRR 201-6.3(d)(7).

Emission Source/Control: EROCP - Process

**Item 38.63:**

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

Emission Unit: U-SOLID  
Process: SF3 Source Classification Code: 3-05-010-99  
Process Description:  
Transfer of coal from the coal and other solid material  
storage piles to the feed hopper. Throughput information  
is not required to determine compliance. These emissions  
are fugitive and insignificant per 6 NYCRR 201-6.3(d)(7).

Emission Source/Control: TRPFH - Process

**Item 38.64:**

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

Emission Unit: U-SOLID  
Process: SF4 Source Classification Code: 3-05-010-99  
Process Description:  
Transfer of coal from the feed hopper to the coal mill.  
Throughput information is not required to determine  
compliance. These emissions are fugitive and  
insignificant per 6 NYCRR 201-6.3(d)(7).

Emission Source/Control: TFHCM - Process

**Item 38.65:**

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

Emission Unit: U-SOLID  
Process: SF5 Source Classification Code: 3-05-010-99  
Process Description:  
Operation of the coal mill and transfer of the crushed

New York State Department of Environmental Conservation

Permit ID: 4-1926-00001/00110

Facility DEC ID: 4192600001



fuel into the kiln. The unit operates under negative pressure. Throughput information is not required to determine compliance. These emissions are fugitive and insignificant per 6 NYCRR 201-6.3(d)(7).

Emission Source/Control: OPCML - Process
Design Capacity: 34 tons per hour

Item 38.66:

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

Emission Unit: U-SOLID
Process: SF6 Source Classification Code: 3-05-007-12

Process Description:
Unloading, storage, and transfer of whole tires used as a supplemental fuel for the kiln. Throughput information is not required to determine compliance. These emissions are fugitive and insignificant per 6 NYCRR 201-6.3(d)(7).

Emission Source/Control: TSTHD - Process

Condition 39: Emission Unit Permissible Emissions
Effective between the dates of 10/20/2017 and 10/19/2022

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 39.1:

The sum of emissions from all regulated processes specified in this permit for the emission unit cited shall not exceed the following Potential to Emit (PTE) rates for each regulated contaminant:

Emission Unit: U-SGDRY
CAS No: 007446-09-5
Name: SULFUR DIOXIDE
PTE(s): 12.98 pounds per hour 77,889.84 pounds per year

Condition 40: Process Permissible Emissions
Effective between the dates of 10/20/2017 and 10/19/2022

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 40.1:

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

Emission Unit: U-SGDRY Process: DRY
CAS No: 007446-09-5
Name: SULFUR DIOXIDE

**New York State Department of Environmental Conservation**

Permit ID: 4-1926-00001/00110

Facility DEC ID: 4192600001



PTE(s): 12.98 pounds per hour  
77,889.84 pounds per year

**Condition 41: Compliance Certification**  
Effective between the dates of 10/20/2017 and 10/19/2022

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

**Item 41.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-CLTRN

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

**Item 41.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Temporary piles of clinker that result from accidental spillage or clinker storage cleaning operations must be cleaned up within 3 days.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2018.

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

**Condition 42: Compliance Certification**  
Effective between the dates of 10/20/2017 and 10/19/2022

**Applicable Federal Requirement:40CFR 52.21(j)(2), Subpart A**

**Item 42.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-CLTRN  
Process: CLH Emission Source: CHALL

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

**Item 42.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

This facility fully enclosed the Clinker Hall, Emission





**New York State Department of Environmental Conservation**

Permit ID: 4-1926-00001/00110

Facility DEC ID: 4192600001

Source 'CHALL' in order to reduce emissions of PM-10. The truck access entryways on the north and east sides of the structure shall be the only openings. The truck access entryways shall have a thirty foot access tunnel in order to partially shelter the entryways and reduce emissions. The enclosure shall be engineered to be substantial enough to withstand everyday use.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 43: Compliance Certification**  
**Effective between the dates of 10/20/2017 and 10/19/2022**

**Applicable Federal Requirement:40CFR 52.21(j)(2), Subpart A**

**Item 43.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-CLTRN

Process: ULD

Emission Source: CLTRU

Regulated Contaminant(s):

CAS No: ONY075-00-5 PM-10

**Item 43.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The new truck and rail unloading facility shall be partially enclosed with material drop point emissions collected and exhausted through pollution control equipment with an emission limit shown below. Initial compliance testing was performed which demonstrated compliance. Subsequent testing shall be performed upon request.

Upper Permit Limit: 0.01 grains per dscf

Reference Test Method: Methods 201A and 202

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 44: Compliance Certification**  
**Effective between the dates of 10/20/2017 and 10/19/2022**

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

**New York State Department of Environmental Conservation**

Permit ID: 4-1926-00001/00110

Facility DEC ID: 4192600001



**Item 44.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-FINML  
Process: F01

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

**Item 44.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

No facility owner or operator shall cause or allow emissions of particulate that exceed 0.15 grains per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis, except in instances where the determination of the permissible emission rate using process weight for a specific source category emitting solid particulate is based upon Table 5 and Table 6 of Subdivisions 212-2.5 (a) and (b) of this Part.

Parameter Monitored: PM-10

Upper Permit Limit: 0.15 grains per dscf

Reference Test Method: Method 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 45: Capping Monitoring Condition  
Effective between the dates of 10/20/2017 and 10/19/2022**

**Applicable Federal Requirement: 6 NYCRR Subpart 201-7**

**Item 45.1:**

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

40 CFR 52.21

**Item 45.2:**

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

**New York State Department of Environmental Conservation**

Permit ID: 4-1926-00001/00110

Facility DEC ID: 4192600001



**Item 45.3:**

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

**Item 45.4:**

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

**Item 45.5:**

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

**Item 45.6:**

The Compliance Certification activity will be performed for:

Emission Unit: U-SGDRY

Regulated Contaminant(s):

CAS No: 007446-09-5      SULFUR DIOXIDE

**Item 45.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Only #2 fuel oil shall be burned. The sulfur content of the fuel oil shall be less than the limit below in order to limit emissions to less than the PSD threshold for SO<sub>2</sub>. (Facility-wide SO<sub>2</sub> emissions are capped at 38.95 tons/yr.) Fuel supplier certifications may be used to determine compliance.

Records shall be kept in accordance with Part 201-6.5(c).

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.2 percent by weight

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: 4-1926-00001/00110

Facility DEC ID: 4192600001



The initial report is due 1/30/2018.  
Subsequent reports are due every 6 calendar month(s).

**Condition 46: Compliance Certification**  
**Effective between the dates of 10/20/2017 and 10/19/2022**

**Applicable Federal Requirement:40CFR 52.21(j)(2), Subpart A**

**Item 46.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-SGDRY

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

**Item 46.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Successful compliance testing was performed February, 2004 (0.010 gr/dscf). Future compliance testing to be performed at the discretion of the Department.

Upper Permit Limit: 0.015 grains per dscf

Reference Test Method: Methods 201A and 202

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 47: Compliance Certification**  
**Effective between the dates of 10/20/2017 and 10/19/2022**

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

**Item 47.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-SGDRY

Regulated Contaminant(s):  
CAS No: 0NY504-00-0 40 CFR 63 - TOTAL HYDROCARBONS (THC)

**Item 47.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

If the facility operates a new raw material dryer or an

**New York State Department of Environmental Conservation**

Permit ID: 4-1926-00001/00110

Facility DEC ID: 4192600001



existing raw material dryer after 9/8/2013, then the dryer shall meet an emission limit for total hydrocarbons (THC) of 24 ppmvd during normal operation.

The facility shall initially demonstrate compliance with this limit by using the performance test methods and procedures in §63.1349(b)(4)(i). The average THC concentration obtained during the first 30 operating days must be used to demonstrate compliance.

The facility shall then install, calibrate, operate, and maintain a THC continuous emission monitor (CEM) in accordance with the provisions in §63.1350(i) in order to continuously demonstrate compliance with the organic HAP emission limit. The THC concentration will be calculated on a 30-day rolling average.

Any source subject to the 24 ppmvd limit for THC may elect to meet an alternative limit of 9 ppmvd for organic HAP. If the source demonstrates compliance with the 9 ppmvd limit for organic HAP under the requirements of §63.1349, then the source's THC limit will be adjusted to equal the average THC concentration measured during the performance test for organic HAP.

Parameter Monitored: 40 CFR 63 - TOTAL HYDROCARBONS (THC)

Upper Permit Limit: 24 parts per million by volume (dry, corrected to 7% O<sub>2</sub>)

Reference Test Method: Perf. Spec. 8 of 40 CFR 60 appendix B

Monitoring Frequency: CONTINUOUS

Averaging Method: 30-DAY ROLLING AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2018.

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

**Condition 48: Compliance Certification**  
**Effective between the dates of 10/20/2017 and 10/19/2022**

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

**Item 48.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-SGDRY

Regulated Contaminant(s):

CAS No: 0NY504-00-0 40 CFR 63 - TOTAL HYDROCARBONS (THC)

**Item 48.2:**

Compliance Certification shall include the following monitoring:

New York State Department of Environmental Conservation

Permit ID: 4-1926-00001/00110

Facility DEC ID: 4192600001



Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

If the facility operates a new raw material dryer or an existing raw material dryer after 9/8/2013, then the dryer shall meet an emission limit for total hydrocarbons (THC) of 24 ppmvd during periods of startup, shutdown, and malfunction.

The facility shall initially demonstrate compliance with this limit by using the performance test methods and procedures in §63.1349(b)(4)(i). The average THC concentration obtained during the first 30 operating days must be used to demonstrate compliance.

The facility shall then install, calibrate, operate, and maintain a THC continuous emission monitor (CEM) in accordance with the provisions in §63.1350(i) in order to continuously demonstrate compliance with the organic HAP emission limit. The THC concentration will be calculated on a 7-day rolling average.

Any source subject to the 24 ppmvd limit for THC may elect to meet an alternative limit of 9 ppmvd for organic HAP. If the source demonstrates compliance with the 9 ppmvd limit for organic HAP under the requirements of §63.1349, then the source's THC limit will be adjusted to equal the average THC concentration measured during the performance test for organic HAP.

Parameter Monitored: 40 CFR 63 - TOTAL HYDROCARBONS (THC)

Upper Permit Limit: 24 parts per million by volume (dry, corrected to 7% O<sub>2</sub>)

Reference Test Method: Perf. Spec. 8 of 40 CFR 60 appendix B

Monitoring Frequency: CONTINUOUS

Averaging Method: 7-DAY AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2018.

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

**Condition 49: Compliance Certification**

**Effective between the dates of 10/20/2017 and 10/19/2022**

**Applicable Federal Requirement: 40CFR 63.1348(b), Subpart LLL**

**Item 49.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-SGDRY

Regulated Contaminant(s):

CAS No: 0NY504-00-0 40 CFR 63 - TOTAL HYDROCARBONS (THC)

New York State Department of Environmental Conservation

Permit ID: 4-1926-00001/00110

Facility DEC ID: 4192600001



**Item 49.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The owner/operator must demonstrate compliance with the 24 ppmvd total hydrocarbon limit using the alternative test method and procedures as approved by USEPA document dated August 4, 2015.

Compliance will be determined during an annual stack test using EPA Method 25A and based on the average of three test runs. In addition to the annual testing, the facility will monitor and record the combustion chamber temperature at a minimum on an hourly basis.

The facility must maintain records of the operating hours on a daily basis. If the annual operation of the slag dryer exceeds 1000 hours/year on a rolling annual basis rolled daily, then the facility must revert back to continuous THC monitoring within 9 months of the date the annual operation reached 1000 hours.

Parameter Monitored: HOURS OF OPERATION

Upper Permit Limit: 1000 hours per year

Monitoring Frequency: ANNUALLY

Averaging Method: AVERAGING METHOD - SEE MONITORING  
DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2018.

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

**Condition 50: Compliance Certification**

**Effective between the dates of 10/20/2017 and 10/19/2022**

**Applicable Federal Requirement: 40CFR 63.1348(b)(9), Subpart LLL**

**Item 50.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-SGDRY

Regulated Contaminant(s):

CAS No: 0NY504-00-0 40 CFR 63 - TOTAL HYDROCARBONS (THC)

**Item 50.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

**New York State Department of Environmental Conservation**

Permit ID: 4-1926-00001/00110

Facility DEC ID: 4192600001



**Monitoring Description:**

In order to demonstrate continuous compliance during startup and shutdown, all air pollution control devices must be operating.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2018.

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

**Condition 51: Compliance Certification**  
**Effective between the dates of 10/20/2017 and 10/19/2022**

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

**Item 51.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-SGDRY

Regulated Contaminant(s):

CAS No: 0NY504-00-0 40 CFR 63 - TOTAL HYDROCARBONS (THC)

**Item 51.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner/operator must use the alternative test method and procedures as approved by USEPA document dated August 4, 2015. The facility will monitor and record the combustion chamber temperature on an hourly basis.

Monitoring Frequency: HOURLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2018.

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





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

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

**Item A: Emergency Defense - 6 NYCRR 201-1.5**

An emergency, as defined by subpart 201-2, constitutes an affirmative defense to penalties sought in an enforcement action brought by the Department for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

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

(1) An emergency occurred and that the facility owner or operator can identify the cause(s) of the emergency;

(2) The equipment at the permitted facility causing the emergency was at the time being properly operated and maintained;

(3) During the period of the emergency the facility owner or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and

(4) The facility owner or operator notified the Department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

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

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

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

Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all criteria, emission limits, terms, conditions, and



standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

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

**STATE ONLY APPLICABLE REQUIREMENTS**

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

**Condition 52: Contaminant List**  
**Effective between the dates of 10/20/2017 and 10/19/2022**

**Applicable State Requirement:ECL 19-0301**

**Item 52.1:**  
Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 007446-09-5  
Name: SULFUR DIOXIDE

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

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

CAS No: 0NY504-00-0  
Name: 40 CFR 63 - TOTAL HYDROCARBONS (THC)

**Condition 53: Malfunctions and start-up/shutdown activities**  
**Effective between the dates of 10/20/2017 and 10/19/2022**

**Applicable State Requirement:6 NYCRR 201-1.4**

**Item 53.1:**  
(a) The facility owner or operator shall take all necessary and appropriate actions to prevent the



emission of air pollutants that result in contravention of any applicable emission standard during periods of start-up, shutdown, or malfunction.

(b) The facility owner or operator shall compile and maintain records of all equipment malfunctions, maintenance, or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the department when requested to do so, or when so required by a condition of a permit issued for the corresponding air contamination source. Such reports shall state whether any violations occurred and, if so, whether they were unavoidable, include the time, frequency and duration of the maintenance and/or start-up/shutdown activities, and an estimate of the emission rates of any air contaminants released. Such records shall be maintained for a period of at least five years and made available for review to department representatives upon request. Facility owners or operators subject to continuous stack monitoring and quarterly reporting requirements need not submit additional reports for equipment maintenance or start-up/shutdown activities for the facility to the department.

(c) In the event that emissions of air contaminants in excess of any emission standard in this Subchapter occur due to a malfunction, the facility owner or operator shall compile and maintain records of the malfunction and notify the department as soon as possible during normal working hours, but not later than two working days after becoming aware that the malfunction occurred. When requested by the department, the facility owner or operator shall submit a written report to the department describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates.

(d) The department may also require the owner or operator to include, in reports described under Subdivisions (b) and (c) of this Section, an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions.

(e) A violation of any applicable emission standard resulting from start-up, shutdown, or malfunction conditions at a permitted or registered facility may not be subject to an enforcement action by the department and/or penalty if the department determines, in its sole discretion, that such a violation was unavoidable. The actions and recordkeeping and reporting requirements listed above must be adhered to in such circumstances.

**Condition 54: Visible Emissions Limited**  
**Effective between the dates of 10/20/2017 and 10/19/2022**

**Applicable State Requirement:6 NYCRR 211.2**

**Item 54.1:**

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

**Condition 55: Compliance Demonstration**  
**Effective between the dates of 10/20/2017 and 10/19/2022**

**Applicable State Requirement:6 NYCRR 211.2**

**Item 55.1:**

**New York State Department of Environmental Conservation**

Permit ID: 4-1926-00001/00110

Facility DEC ID: 4192600001



The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: ONY075-00-0      PARTICULATES

**Item 55.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility shall comply with its Fugitive Dust Control Plan dated Feb. 1, 2011. Included in the Plan is the requirement for a Lehigh supervisor to inspect paved and unpaved roads daily.

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2018.

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