



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 4-1926-00001/00110
Effective Date: 07/12/2012 Expiration Date: 07/11/2017

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

Contact: CHERYL MCELROY
LEHIGH NORTHEAST CEMENT COMPANY
120 ALPHA RD
CATSKILL, NY 12414
(518) 943-5300

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

Description:
Renewal of a Title V Air Facility Permit for the Lehigh Northeast Cement Co. facility. The facility crushes and grinds cement for packaging and shipping and controls air emissions through the use of baghouses. This renewal updates the Title V permit to incorporate new and revised New York State air regulations.

By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, the General Conditions specified and any Special Conditions included as part of this permit.

Permit Administrator: MICHAEL T HIGGINS
DIVISION OF ENVIRONMENTAL PERMITS
1130 N WESTCOTT RD
SCHENECTADY, NY 12306-2014

Authorized Signature: _____ Date: ____ / ____ / ____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

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

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 expiration of permits for Title V Facility Permits, or at least 30 days before expiration of permits for State Facility Permits.

Item 3.3:

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



Condition 4: 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: 07/12/2012

Permit Expiration Date: 07/11/2017



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6 NYCRR 200.6: Acceptable Ambient Air Quality
- 2 6 NYCRR 201-6.5 (a) (7): Fees
- 3 6 NYCRR 201-6.5 (c): Recordkeeping and reporting of compliance monitoring
- 4 6 NYCRR 201-6.5 (c) (2): Monitoring, Related Recordkeeping, and Reporting Requirements.
- 5 6 NYCRR 201-6.5 (c) (3) (ii): Compliance Certification
- 6 6 NYCRR 201-6.5 (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 201-6.5 (a) (4): Standard Requirement - Provide Information
- 16 6 NYCRR 201-6.5 (a) (8): General Condition - Right to Inspect
- 17 6 NYCRR 201-6.5 (d) (5): Standard Requirements - Progress Reports
- 18 6 NYCRR 201-6.5 (f) (6): Off Permit Changes
- 19 6 NYCRR 202-1.1: Required Emissions Tests
- 20 40 CFR Part 68: Accidental release provisions.
- 21 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 22 6 NYCRR Subpart 201-6: Emission Unit Definition
- 23 6 NYCRR Subpart 201-7: Facility Permissible Emissions
- 24 6 NYCRR 202-1.2: Notification
- 25 6 NYCRR 202-1.3: Acceptable procedures - Stack test report submittal
- 26 6 NYCRR 211.1: Air pollution prohibited
- 27 6 NYCRR 211.1: Fugitive Dust Control Plan
- 28 6 NYCRR 212.6 (a): Compliance Certification
- 29 6 NYCRR 212.6 (a): Compliance Certification
- 30 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 31 40 CFR Part 64: Compliance Certification
- 32 40 CFR Part 64: Compliance Certification

Emission Unit Level

- 33 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
- 34 6 NYCRR Subpart 201-6: Process Definition By Emission Unit
- 35 6 NYCRR Subpart 201-7: Emission Unit Permissible Emissions
- 36 6 NYCRR Subpart 201-7: Process Permissible Emissions

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

- 37 40CFR 52.21(j)(2), Subpart A: Compliance Certification

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

- 38 40CFR 52.21(j)(2), Subpart A: Compliance Certification



EU=U-FINML,Proc=F01

39 6 NYCRR 212.3 (b): Compliance Certification

EU=U-RKILN

40 6 NYCRR 231-2.6 (a) (7): Compliance Certification

EU=U-SGDRY

*41 6 NYCRR Subpart 201-7: Capping Monitoring Condition

*42 6 NYCRR Subpart 201-7: Capping Monitoring Condition

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

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

44 ECL 19-0301: Contaminant List

45 6 NYCRR 201-1.4: Unavoidable noncompliance and violations

46 6 NYCRR 211.2: Visible Emissions Limited

47 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: Emergency Defense - 6 NYCRR 201-1.5

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

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

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

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

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

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

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



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

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

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

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

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

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

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

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

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

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

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

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



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

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

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

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

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

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

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

- i. If additional applicable requirements under the Act become applicable where this permit's remaining term is



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

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

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

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

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

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

Item L: Permit Exclusion - ECL 19-0305

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



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

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

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

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

Condition 1: Acceptable Ambient Air Quality
Effective between the dates of 07/12/2012 and 07/11/2017

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 07/12/2012 and 07/11/2017

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

Item 2.1:
The owner and/or operator of a stationary source shall pay fees to the Department consistent with the fee schedule authorized by ECL 72-0303.

Condition 3: Recordkeeping and reporting of compliance monitoring
Effective between the dates of 07/12/2012 and 07/11/2017

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

Item 3.1:



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

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

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

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

Effective between the dates of 07/12/2012 and 07/11/2017

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

Item 4.1:

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

Condition 5: Compliance Certification

Effective between the dates of 07/12/2012 and 07/11/2017

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

Item 5.1:

The Compliance Certification activity will be performed for the Facility.

Item 5.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Submit reports of any required monitoring at a minimum



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

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

- (1) For emissions of a hazardous air pollutant (as identified in an applicable regulation) that continue for more than an hour in excess of permit requirements, the report must be made within 24 hours of the occurrence.
- (2) For emissions of any regulated air pollutant, excluding those listed in paragraph (1) of this section, that continue for more than two hours in excess of permit requirements, the report must be made within 48 hours.
- (3) For all other deviations from permit requirements, the report shall be contained in the 6 month monitoring report required above.
- (4) This permit may contain a more stringent reporting requirement than required by paragraphs (1), (2) or (3) above. If more stringent reporting requirements have been placed in this permit or exist in applicable requirements that apply to this facility, the more stringent reporting requirement shall apply.

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



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

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

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

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

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2013.

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



Condition 6: Compliance Certification
Effective between the dates of 07/12/2012 and 07/11/2017

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

Item 6.1:

The Compliance Certification activity will be performed for the Facility.

Item 6.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

- i. Compliance certifications shall contain:
 - the identification of each term or condition of the permit that is the basis of the certification;
 - the compliance status;
 - whether compliance was continuous or intermittent;
 - the method(s) used for determining the compliance status of the facility, currently and over the reporting period consistent with the monitoring and related recordkeeping and reporting requirements of this permit;
 - such other facts as the Department may require to determine the compliance status of the facility as specified in any special permit terms or conditions; and
 - such additional requirements as may be specified elsewhere in this permit related to compliance certification.
- ii. The responsible official must include in the annual certification report all terms and conditions contained in this permit which are identified as being subject to certification, including emission limitations, standards, or work practices. That is, the provisions labeled herein as "Compliance Certification" are not the only provisions of this permit for which an annual certification is required.
- iii. Compliance certifications shall be submitted annually. Certification reports are due 30 days after the anniversary date of four consecutive calendar quarters. The first report is due 30 days after the calendar quarter that occurs just prior to the permit anniversary date, unless another quarter has been acceptable by the Department.
- iv. All compliance certifications shall be submitted to

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

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

The address for the RAPCE is as follows:

NYSDEC
1130 North Westcott Road
Schenectady, NY 12306-2014

The address for the BQA is as follows:

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

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2013.
Subsequent reports are due on the same day each year

Condition 7: Compliance Certification
Effective between the dates of 07/12/2012 and 07/11/2017

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 07/12/2012 and 07/11/2017

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 07/12/2012 and 07/11/2017

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 07/12/2012 and 07/11/2017**

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 07/12/2012 and 07/11/2017**

Applicable Federal Requirement:6 NYCRR 201-1.7

Item 11.1:

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



Condition 12: Prohibition of Reintroduction of Collected Contaminants to the air

Effective between the dates of 07/12/2012 and 07/11/2017

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 07/12/2012 and 07/11/2017

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

Item 13.1:

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

Condition 14: Trivial Sources - Proof of Eligibility

Effective between the dates of 07/12/2012 and 07/11/2017

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

Item 14.1:

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

Condition 15: Standard Requirement - Provide Information

Effective between the dates of 07/12/2012 and 07/11/2017

Applicable Federal Requirement:6 NYCRR 201-6.5 (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: General Condition - Right to Inspect
Effective between the dates of 07/12/2012 and 07/11/2017

Applicable Federal Requirement:6 NYCRR 201-6.5 (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: Standard Requirements - Progress Reports
Effective between the dates of 07/12/2012 and 07/11/2017

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

Item 17.1:

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 18: Off Permit Changes
Effective between the dates of 07/12/2012 and 07/11/2017

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

Item 18.1:

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,



Carrollton, Md. 20785

Condition 21: Recycling and Emissions Reduction
Effective between the dates of 07/12/2012 and 07/11/2017

Applicable Federal Requirement:40CFR 82, Subpart F

Item 21.1:

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

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

Condition 22: Emission Unit Definition
Effective between the dates of 07/12/2012 and 07/11/2017

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 22.1:

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" 6 NYCRR 201-6.3(d)(7).

Building(s): ALSENSILOS

Item 22.2:

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

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VESSEL, RAIL OR TRUCK.

Building(s): CHALL
FINMILL
MARINELOAD

Item 22.3:

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 OVER SIZED 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 22.4:

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/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 OF 6NYCRR PART 201-6.3(d)(7). SEE APPENDIX B FOR EMISSION INFORMATION.

Building(s): PCRUSHER
SCRUSHER

Item 22.5:

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

Emission Unit: U-RKILN



Emission Unit Description:

THIS EMISSION UNIT CONSISTS OF THE OPERATIONS AND EQUIPMENT INVOLVED IN THE PRODUCTION OF CEMENT CLINKER IN THE FACILITY'S ROTARY KILN. PROCESSES INCLUDE THE WEIGHING AND TRANSFER OF RAW FEED, OPERATION OF THE KILN, AND THE TRANSFER OF EXCESS CEMENT KILN DUST (PRODUCED BY THE PROCESS) FOR ON SITE STORAGE OR SALE. 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): COOLER
FINMILL
KILN
RAWMILL

Item 22.6:

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

Item 22.7:

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

Emission Unit: U-SGDRY

Emission Unit Description:

A NO.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 PER HOUR HEAT INPUT LOCATED AT OPPOSITE ENDS OF THE DRYER (FOR A COMBINED

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TOTAL FUEL BURNING CAPACITY OF 457
GALLONS/HOUR) WITH EMISSIONS TAKEN OFF THE
CENTER OF THE DRUM.

Building(s): ROTARYDRY

Item 22.8:

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 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 NYCRR 201-6.3(d)(7).

Building(s): MARINELOAD
NEWSILOS
OLDSILOS
PACKHOUSE

Item 22.9:

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 23: Facility Permissible Emissions
Effective between the dates of 07/12/2012 and 07/11/2017

Applicable Federal Requirement:6 NYCRR Subpart 201-7

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Item 23.1:

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 24: Notification

Effective between the dates of 07/12/2012 and 07/11/2017

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

Condition 25: Acceptable procedures - Stack test report submittal

Effective between the dates of 07/12/2012 and 07/11/2017

Applicable Federal Requirement:6 NYCRR 202-1.3

Item 25.1:

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

Condition 26: Air pollution prohibited

Effective between the dates of 07/12/2012 and 07/11/2017

Applicable Federal Requirement:6 NYCRR 211.1

Item 26.1:

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 27: Fugitive Dust Control Plan

Effective between the dates of 07/12/2012 and 07/11/2017

Applicable Federal Requirement:6 NYCRR 211.1

Item 27.1:

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

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times.

Condition 28: Compliance Certification
Effective between the dates of 07/12/2012 and 07/11/2017

Applicable Federal Requirement:6 NYCRR 212.6 (a)

Item 28.1:

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

Emission Unit: U-CLTRN
Process: ULD

Emission Unit: U-FINML Emission Point: FM006

Emission Unit: U-FINML Emission Point: RM001

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:

A 3 hour observation shall be done within 180 days of startup. The duration of the observation may be reduced from 3 hours to 1 hour if: 1) there are no individual readings greater than 20% and 2) there are no more than 3 readings of 20%.

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 29: Compliance Certification
Effective between the dates of 07/12/2012 and 07/11/2017

Applicable Federal Requirement:6 NYCRR 212.6 (a)

Item 29.1:

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

Emission Unit: U-FINML Emission Point: 00054
Process: FRP Emission Source: RPRES

Regulated Contaminant(s):

New York State Department of Environmental Conservation

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Facility DEC ID: 4192600001



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

Item 29.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

A 3 hour observation shall be done within 30 days of permit issuance. The duration of the observation may be reduced from 3 hours to 1 hour if: 1) there are no individual readings greater than 20% and 2) there are no more than 3 readings of 20%.

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 30: Compliance Certification

Effective between the dates of 07/12/2012 and 07/11/2017

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

Item 30.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-FINML

Emission Point: FM006

Emission Unit: U-FINML

Emission Point: RM001

Regulated Contaminant(s):

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

Item 30.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

An initial stack test shall be done within 180 days of startup.

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 31: Compliance Certification
Effective between the dates of 07/12/2012 and 07/11/2017

Applicable Federal Requirement:40 CFR Part 64

Item 31.1:

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

Emission Unit: U-CLTRN Emission Point: K0004

Emission Unit: U-SGDRY

Emission Unit: U-SHPNG

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

Item 31.2:

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 1/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 32: Compliance Certification
Effective between the dates of 07/12/2012 and 07/11/2017

Applicable Federal Requirement:40 CFR Part 64

Item 32.1:

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

Emission Unit: U-FINML	Emission Point: FM001
Emission Unit: U-FINML	Emission Point: FM004
Emission Unit: U-FINML	Emission Point: FM006
Emission Unit: U-FINML	Emission Point: RM001
Emission Unit: U-FINML	Emission Point: 00054
Process: FRP	Emission Source: RPRES
Regulated Contaminant(s):	
CAS No: 0NY075-00-5	PM-10

Item 32.2:

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



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 33.2:

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 33.3:

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

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

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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 33.4:

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 33.5:

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

Emission Unit: U-RKILN		
Emission Point: CC001		
Height (ft.): 100	Diameter (in.): 96	
NYTMN (km.): 4665.7	NYTME (km.): 589.8	Building: COOLER
Emission Point: K0001		
Height (ft.): 270	Diameter (in.): 144	
NYTMN (km.): 4665.7	NYTME (km.): 589.8	Building: KILN
Emission Point: K0002		
Height (ft.): 76	Length (in.): 15	Width (in.): 15
NYTMN (km.): 4665.7	NYTME (km.): 589.8	Building: KILN



Emission Point: K0003
Height (ft.): 45 Length (in.): 9 Width (in.): 8
NYTMN (km.): 4665.7 NYTME (km.): 589.8 Building: KILN

Emission Point: K005A
Height (ft.): 64 Diameter (in.): 12
NYTMN (km.): 4665.7 NYTME (km.): 589.8 Building: RAWMILL

Item 33.6:

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

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 33.7:

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

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

Item 33.8:

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:

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

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

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NYTMN (km.): 4665.7	NYTME (km.): 589.8	Building: OLDSILOS
Emission Point: OS005		
Height (ft.): 60	Diameter (in.): 9	
NYTMN (km.): 4665.7	NYTME (km.): 589.8	Building: OLDSILOS
Emission Point: OS006		
Height (ft.): 60	Diameter (in.): 9	
NYTMN (km.): 4665.7	NYTME (km.): 589.8	Building: OLDSILOS
Emission Point: OS007		
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 33.9:

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 34: Process Definition By Emission Unit
Effective between the dates of 07/12/2012 and 07/11/2017

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 34.1:

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 34.2:

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 34.3:

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 34.4:

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

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"NON BUD 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 34.5:

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 34.6:

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
MATERIALS". THESE EMISSIONS ARE FUGITIVE.

Emission Source/Control: AERST - Process

Item 34.7:

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 34.8:

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 SOILD 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 34.9:

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 34.10:

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 34.11:

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 34.12:

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:
THESE EMISSIONS ARE FUGITIVE. THIS
PROCESS INCLUDES MARINE VESSEL UNLOADING.

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

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

Item 34.13:

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 34.14:

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 34.15:

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.

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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 34.16:

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

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 34.17:

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.

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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 34.18:

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
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 34.19:

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
FOR U-CLTRN.

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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 34.20:

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 34.21:



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). THROUGHPUT
INFORMATION IS NOT REQUIRED TO DETERMINE
COMPLIANCE. EMISSIONS FROM THIS PROCESS
ARE INSIGNIFICANT PER 6 NYCRR 201-6.3 (d)
(7). THE EMISSIONS ASSOCIATED WITH THIS
PROCESS ARE FUGITIVE.

Emission Source/Control: LTRUC - Process

Item 34.22:

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. THROUGHPUT INFORMATION IS NOT
REQUIRED TO DETERMINE COMPLIANCE. THESE
EMISSIONS ARE FUGITIVE.

Emission Source/Control: ERPIL - Process

Item 34.23:

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. 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: UTRUC - Process

Item 34.24:

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

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

Item 34.25:

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. THROUGHPUT INFORMATION
IS NOT REQUIRED TO DETERMINE COMPLIANCE.
THE EMISSIONS FROM THIS PROCESS ARE
FUGITIVE AND ARE INSIGNIFICANT PER 6 NYCRR
201-6.3 (d) (7).

Emission Source/Control: PTRAN - Process

Item 34.26:

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: SCRSB - Process
Design Capacity: 171 tons per hour

Item 34.27:

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. THROUGHPUT INFORMATION
IS NOT REQUIRED TO DETERMINE COMPLIANCE.
THE EMISSIONS ASSOCIATED WITH THIS PROCESS
ARE FUGITIVE AND INSIGNIFICANT PER 6 NYCRR
201-6.3 (d) (7).

Emission Source/Control: STRAN - Process

Item 34.28:

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:

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EROSION OF OPEN QUARRY AREAS. THROUGHPUT INFORMATION IS NOT REQUIRED TO DETERMINE COMPLIANCE. THE EMISSIONS ASSOCIATED WITH THIS PROCESS ARE FUGITIVE.

Emission Source/Control: ERQUA - Process

Item 34.29:

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. THROUGHPUT INFORMATION IS NOT REQUIRED TO DETERMINE COMPLIANCE. THE EMISSIONS ASSOCIATED WITH THIS PROCESS ARE FUGITIVE AND INSIGNIFICANT PER 6 NYCRR 201-6.3 (d) (7).

Emission Source/Control: OVRTR - Process

Item 34.30:

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). THROUGHPUT INFORMATION IS NOT REQUIRED TO DETERMINE COMPLIANCE. THE EMISSIONS ASSOCIATED WITH THIS PROCESS ARE FUGITIVE.

Emission Source/Control: QTRAF - Process

Item 34.31:

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

Emission Unit: U-RKILN

Process: K01

Source Classification Code: 3-05-007-12

Process Description:

TRANSFER OF RAW FEED (SLURRY) FROM THE SLURRY STORAGE TANKS TO THE KILN. DUE TO THE HIGH WATER CONTENT OF THE RAW FEED, EMISSIONS FROM THIS OPERATION ARE MINIMAL AND INSIGNIFICANT PER 6 NYCRR 201-6.3 (d) (7).

Emission Source/Control: RFTRN - Process

Design Capacity: 140 tons per hour



Item 34.32:

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

Emission Unit: U-RKILN
Process: K02 Source Classification Code: 3-05-007-06

Process Description:
OPERATION OF THE ROTARY KILN. WITHIN THE
KILN THE RAW FEED IS PROCESSED INTO CEMENT
CLINKER AT TEMPERATURES IN EXCESS OF 2000F
COAL IS USED AS THE UNIT'S PRIMARY FUEL,
WITH #2 OIL USED TO PREHEAT THE UNIT.
WHOLE TIRES MAY BE USED AS A SUPPLEMENTAL
FUEL.

Emission Source/Control: K001B - Control
Control Type: ELECTROSTATIC PRECIPITATOR

Emission Source/Control: KLNOP - Process
Design Capacity: 140 tons per hour

Item 34.33:

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

Emission Unit: U-RKILN
Process: K03 Source Classification Code: 3-05-007-14

Process Description:
OPERATION OF THE CLINKER COOLER, WHICH
COOLS THE HOT CLINKER PRIOR TO TRANSFER TO
STORAGE.

Emission Source/Control: CC01B - Control
Control Type: FABRIC FILTER

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

Item 34.34:

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

Emission Unit: U-RKILN
Process: K04 Source Classification Code: 3-05-007-12

Process Description:
COLLECTION OF CEMENT KILN DUST (PRODUCED
DURING THE PRODUCTION OF CLINKER IN THE
KILN) FOR FUTURE USE OR STORAGE.

Emission Source/Control: K002B - Control
Control Type: FABRIC FILTER

Emission Source/Control: KDTCD - Process
Design Capacity: 82 tons per hour



TRANSFER OF STONE FROM QUARRY BELT TO MAIN PLANT STORAGE PILE. THROUGHPUT INFORMATION IS NOT REQUIRED TO DETERMINE COMPLIANCE. THE EMISSIONS ASSOCIATED WITH THIS PROCESS ARE FUGITIVE AND INSIGNIFICANT PER 6 NYCRR 201-6.3 (d) (7).

Emission Source/Control: BLTPL - Process

Item 34.39:

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. THROUGHPUT INFORMATION IS NOT REQUIRED TO DETERMINE COMPLIANCE. THE EMISSIONS ASSOCIATED WITH THIS PROCESS ARE FUGITIVE.

Emission Source/Control: ERMPL - Process

Item 34.40:

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. THROUGHPUT INFORMATION IS NOT REQUIRED TO DETERMINE COMPLIANCE. THE EMISSIONS ASSOCIATED WITH THIS PROCESS ARE FUGITIVE AND INSIGNIFICANT PER 6 NYCRR 201-6.3 (d) (7).

Emission Source/Control: TTRAN - Process

Item 34.41:

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.

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

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



Item 34.42:

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 CRUSHED STONE TO THE STORAGE
SILOS. THROUGHPUT INFORMATION IS NOT
REQUIRED TO DETERMINE COMPLIANCE. THE
EMISSIONS ASSOCIATED WITH THIS PROCESS ARE
FUGITIVE AND INSIGNIFICANT PER 6 NYCRR
201-6.3 (d) (7).

Emission Source/Control: CRSIL - Process

Item 34.43:

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 STONE STORAGE SILOS. THE
EMISSIONS ASSOCIATED WITH THIS PROCESS ARE
INSIGNIFICANT PER 6 NYCRR 201-6.3 (d) (7).

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

Item 34.44:

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 6 NYCRR 201-6.3 (d)
(7).

Emission Source/Control: RAWUN - Process

Item 34.45:

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
Process Description:
UNLOADING OF RAW MATERIALS NOT IDENTIFIED
AS "BUD MATERIALS". THROUGHPUT INFORMATION



IS NOT REQUIRED TO DETERMINE COMPLIANCE.
THE EMISSIONS ASSOCIATED WITH THIS PROCESS
ARE FUGITIVE AND INSIGNIFICANT PER 6 NYCRR
201-6.3 (d) (7).

Emission Source/Control: RAWUN - Process

Item 34.46:

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 34.47:

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. THE
EMISSIONS ASSOCIATED WITH THIS PROCESS ARE
FUGITIVE.

Emission Source/Control: ERRPL - Process

Item 34.48:

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. EMISSIONS ARE
FUGITIVE AND INSIGNIFICANT PER 6 NYCRR
201-6.3 (d) (7).

Emission Source/Control: RAWTR - Process



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

Emission Source/Control: RAWDK - Process

Item 34.53:

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. THESE EMISSIONS ARE FUGITIVE AND INSIGNIFICANT PER 6 NYCRR 201-6.3 (d) (7).

Emission Source/Control: RAWDK - Process

Item 34.54:

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 34.55:

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 MATERIAL IDENTIFIED AS
"NON BUD MATERIALS' PER 6 NYCRR 360-1.15.
THESE EMISSIONS ARE FUGITIVE AND
INSIGNIFICANT PER 6 NYCRR 201-6.3 (d) (7).

Emission Source/Control: ERPDK - Process

Item 34.56:

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 THROUGH THE MAIN PLANT AREA (BOTH
PAVED AND UNPAVED ROADS). THESE EMISSIONS
ARE FUGITIVE.

Emission Source/Control: PTRAF - Process

Item 34.57:

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
THROUGH 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 34.58:

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 PER HOUR FEED WITH AN ANTICIPATED DRIED SLAG OUTPUT OF NOMINALLY 75 TONS PER HOUR. TWO OPPOSING BURNERS INSTALLED ON THE ENDS OF THE DRYER ARE EACH RATED TO FIRE 32 MMBTU PER HOUR. THE DISCHARGE FROM THE ROTARY DRYER WILL PASS THROUGH A 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 55000 DSCFM WHICH WILL DISCHARGE TO EMISSION POINT SD008. THE TWO BURNERS HAVE A COMBINED RATED BURNING CAPACITY OF 457 GALLONS PER 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

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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 34.59:

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
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 34.60:

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. OPERATION INCLUDE FILLING,
EMPTYING, AND INTER-SILO TRANSFERS OF
FINISHED PRODUCT.

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

Emission Source/Control: SS806 - Control

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Control Type: FABRIC FILTER

Emission Source/Control: SS807 - Control

Control Type: FABRIC FILTER

Emission Source/Control: WSLOP - Process

Item 34.61:

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

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 34.62:

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

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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 34.63:

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

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

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

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

Item 34.64:

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 34.65:

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 34.66:

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 34.67:

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 34.68:

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 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 34.69:

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

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DETERMINE COMPLIANCE. THESE EMISSIONS ARE FUGITIVE AND INSIGNIFICANT PER 6 NYCRR 201-6.3 (d) (7).

Emission Source/Control: EROCP - Process

Item 34.70:

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 34.71:

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 34.72:

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 FUEL INTO THE KILN. THE UNIT OPERATES UNDER NEGATIVE PRESSURE; ITS EMISSIONS ARE INSIGNIFICANT PER 6 NYCRR 201-6.3 (d) (7).

Emission Source/Control: OPCML - Process

Design Capacity: 34 tons per hour

Item 34.73:

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. THROUPT 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 35: Emission Unit Permissible Emissions
Effective between the dates of 07/12/2012 and 07/11/2017

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 35.1:

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 36: Process Permissible Emissions
Effective between the dates of 07/12/2012 and 07/11/2017

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 36.1:

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

Condition 37: Compliance Certification
Effective between the dates of 07/12/2012 and 07/11/2017

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



Item 37.1:

The Compliance Certification activity will be performed for:

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

Regulated Contaminant(s):
CAS No: ONY075-00-5 PM-10

Item 37.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

This facility fully enclosed the Clinker Hall, Emission 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 38: Compliance Certification
Effective between the dates of 07/12/2012 and 07/11/2017

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

Item 38.1:

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 38.2:

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. Compliance testing to be performed within 180 days of startup.

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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 39: Compliance Certification
Effective between the dates of 07/12/2012 and 07/11/2017

Applicable Federal Requirement:6 NYCRR 212.3 (b)

Item 39.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-FINML
Process: F01

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

Item 39.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of solid particulates are limited to less than 0.15 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis. Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.15 grains per dscf
Reference Test Method: EPA Method 5
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 40: Compliance Certification
Effective between the dates of 07/12/2012 and 07/11/2017

Applicable Federal Requirement:6 NYCRR 231-2.6 (a) (7)

Item 40.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-RKILN

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Regulated Contaminant(s):

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

CAS No: 0NY998-00-0 VOC

Item 40.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The cement kiln has been shutdown. The shutdown as allowed for the creation of ERCs for NOx and VOC. The kiln shall remain shutdown.

Monitoring Frequency: SEMI-ANNUALLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2013.

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

Condition 41: Capping Monitoring Condition

Effective between the dates of 07/12/2012 and 07/11/2017

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 41.1:

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 41.2:

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

Item 41.3:

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 41.4:

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.

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Item 41.5:

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 41.6:

The Compliance Certification activity will be performed for:

Emission Unit: U-SGDRY

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 41.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Annual hours of operation shall be less than the limit below in order to limit emissions to less than the PSD threshold for SO₂. (Facility-wide SO₂ emissions are capped at 38.95 tons/yr.)

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

Work Practice Type: HOURS PER YEAR OPERATION

Upper Permit Limit: 6000 hours

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2013.

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

Condition 42: Capping Monitoring Condition

Effective between the dates of 07/12/2012 and 07/11/2017

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 42.1:

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 42.2:

Operation of this facility shall take place in accordance with the approved criteria, emission

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Permit ID: 4-1926-00001/00110

Facility DEC ID: 4192600001



limits, terms, conditions and standards in this permit.

Item 42.3:

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 42.4:

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 42.5:

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 42.6:

The Compliance Certification activity will be performed for:

Emission Unit: U-SGDRY

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 42.7:

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 SO₂. (Facility-wide SO₂ 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)

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 1/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 43: Compliance Certification
Effective between the dates of 07/12/2012 and 07/11/2017

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

Item 43.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-SGDRY

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

Item 43.2:
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



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

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

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

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

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

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

Condition 44: Contaminant List
Effective between the dates of 07/12/2012 and 07/11/2017

Applicable State Requirement:ECL 19-0301

Item 44.1:
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: 0NY210-00-0
Name: OXIDES OF NITROGEN

CAS No: 0NY998-00-0
Name: VOC

Condition 45: Unavoidable noncompliance and violations
Effective between the dates of 07/12/2012 and 07/11/2017

Applicable State Requirement:6 NYCRR 201-1.4

Item 45.1:

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

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

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

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



malfunction and the air contaminants emitted.

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

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

Condition 46: Visible Emissions Limited
Effective between the dates of 07/12/2012 and 07/11/2017

Applicable State Requirement:6 NYCRR 211.2

Item 46.1:

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 47: Compliance Demonstration
Effective between the dates of 07/12/2012 and 07/11/2017

Applicable State Requirement:6 NYCRR 211.2

Item 47.1:

The Compliance Demonstration activity will be performed for the Facility.

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

Item 47.2:

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 1/30/2013.

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



