



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

STATE ONLY OPERATING PERMIT

Issue Date: February 22, 2021 Effective Date: February 22, 2021
Expiration Date: February 21, 2026

In accordance with the provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and 25 Pa. Code Chapter 127, the Owner, [and Operator if noted] (hereinafter referred to as permittee) identified below is authorized by the Department of Environmental Protection (Department) to operate the air emission source(s) more fully described in this permit. This Facility is subject to all terms and conditions specified in this permit. Nothing in this permit relieves the permittee from its obligations to comply with all applicable Federal, State and Local laws and regulations.

The regulatory or statutory authority for each permit condition is set forth in brackets. All terms and conditions in this permit are federally enforceable unless otherwise designated.

State Only Permit No: 55-00010

Federal Tax Id - Plant Code: 23-1618752-2

Owner Information

Name: NATL LIMESTONE QUARRY INC
Mailing Address: PO BOX 397
MIDDLEBURG, PA 17842-0397

Plant Information

Plant: NATL LIMESTONE QUARRY/PAXTONVILLE QUARRY
Location: 55 Snyder County 55907 Franklin Township
SIC Code: 1422 Mining - Crushed And Broken Limestone

Responsible Official

Name: ERIC E STAHL
Title: PRES
Phone: (570) 837 - 1635

Permit Contact Person

Name: ERIC E STAHL
Title: PRES
Phone: (570) 837 - 1635

[Signature] \_\_\_\_\_
MUHAMMAD Q. ZAMAN, ENVIRONMENTAL PROGRAM MANAGER, NORTHCENTRAL REGION



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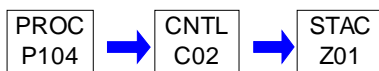
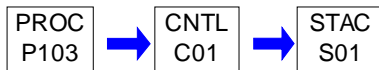
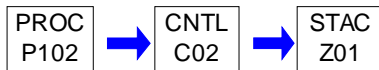
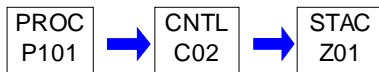
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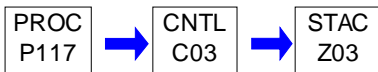
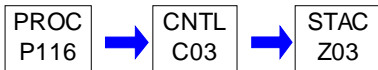
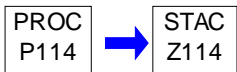
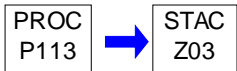
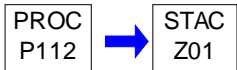
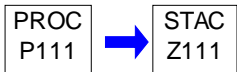
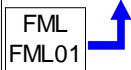
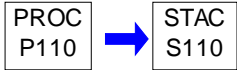
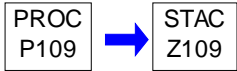
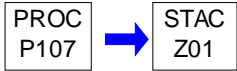
### Section G. Emission Restriction Summary

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**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
P101	PRIMARY CRUSHING SYSTEM		
P102	SECONDARY CRUSHING SYSTEM		
P103	IMPACT CRUSHER		
P104	MISCELLANEOUS CONVEYORS		
P105	4033 HAMMERMILL CRUSHING SYSTEM		
P106	LIME SCREEN		
P107	SCREENING SYSTEM - WET PROCESS		
P109	COLD CLEANING DEGREASER		
P110	WATER PUMP		
P111	DIESEL STORAGE TANKS		
P112	HAUL ROADS		
P113	DEISTER SCREEN		
P114	WATER TREATMENT OPERATION		
P116	CONVEYORS		
P117	LIMESTONE CRUSHING AND SCREENING OPERATION		
C01	DUST COLLECTOR		
C02	WATER SPRAY DUST SUPPRESSION SYSTEM		
C03	CEDAR RAPIDS WATER SPRAY		
FML01	GASOLINE STORAGE TANK		
S01	STACK FOR BAGHOUSE		
S110	STACK FOR WATER PUMP		
Z01	PROCESS EMISSIONS		
Z03	CEDAR RAPIDS WATER SPRAY EMISSIONS		
Z109	DEGREASER EMISSIONS		
Z111	DIESEL STORAGE TANK EMISSIONS		
Z114	WATER TREATMENT EMISSIONS		

**PERMIT MAPS**

**PERMIT MAPS**

**SECTION B. General State Only Requirements****#001 [25 Pa. Code § 121.1]****Definitions.**

Words and terms that are not otherwise defined in this permit shall have the meanings set forth in Section 3 of the Air Pollution Control Act (35 P.S. § 4003) and in 25 Pa. Code § 121.1.

**#002 [25 Pa. Code § 127.446]****Operating Permit Duration.**

- (a) This operating permit is issued for a fixed term of five (5) years and shall expire on the date specified on Page 1 of this permit.
- (b) The terms and conditions of the expired permit shall automatically continue pending issuance of a new operating permit, provided the permittee has submitted a timely and complete application and paid applicable fees required under 25 Pa. Code Chapter 127, Subchapter I and the Department is unable, through no fault of the permittee, to issue or deny a new permit before the expiration of the previous permit.

**#003 [25 Pa. Code §§ 127.412, 127.413, 127.414, 127.446 & 127.703(b)]****Permit Renewal.**

- (a) The permittee shall submit a timely and complete application for renewal of the operating permit to the appropriate Regional Air Program Manager. The application for renewal of the operating permit shall be submitted at least six (6) months and not more than 18 months before the expiration date of this permit.
- (b) The application for permit renewal shall include the current permit number, a description of any permit revisions that occurred during the permit term, and any applicable requirements that were promulgated and not incorporated into the permit during the permit term. An application is complete if it contains sufficient information to begin processing the application, has the applicable sections completed and has been signed by a responsible official.
- (c) The permittee shall submit with the renewal application a fee for the processing of the application as specified in 25 Pa. Code § 127.703(b). The fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" and submitted with the fee form to the respective regional office.
- (d) The renewal application shall also include submission of proof that the local municipality and county, in which the facility is located, have been notified in accordance with 25 Pa. Code § 127.413.
- (e) The application for renewal of the operating permit shall also include submission of supplemental compliance review forms in accordance with the requirements of 25 Pa. Code § 127.412(b) and § 127.412(j).
- (f) The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information as necessary to address any requirements that become applicable to the source after the permittee submits a complete application, but prior to the date the Department takes action on the permit application.

**#004 [25 Pa. Code § 127.703]****Operating Permit Fees under Subchapter I.**

- (a) The permittee shall pay the annual operating permit maintenance fee according to the following fee schedule in either paragraph (1) or (2) in accordance with 25 Pa. Code § 127.703(d) on or before December 31 of each year for the next calendar year.
- (1) For a synthetic minor facility, a fee equal to:
- (i) Four thousand dollars (\$4,000) for calendar years 2021—2025.
  - (ii) Five thousand dollars (\$5,000) for calendar years 2026—2030.
  - (iii) Six thousand three hundred dollars (\$6,300) for the calendar years beginning with 2031.

**SECTION B. General State Only Requirements**

(2) For a facility that is not a synthetic minor, a fee equal to:

- (i) Two thousand dollars (\$2,000) for calendar years 2021—2025.
- (ii) Two thousand five hundred dollars (\$2,500) for calendar years 2026—2030.
- (iii) Three thousand one hundred dollars (\$3,100) for the calendar years beginning with 2031.

(b) The applicable fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" with the permit number clearly indicated and submitted to the respective regional office.

**#005 [25 Pa. Code §§ 127.450 (a)(4) and 127.464]****Transfer of Operating Permits.**

(a) This operating permit may not be transferred to another person, except in cases of transfer-of-ownership that are documented and approved by the Department.

(b) In accordance with 25 Pa. Code § 127.450(a)(4), a change in ownership of the source shall be treated as an administrative amendment if the Department determines that no other change in the permit is required and a written agreement has been submitted to the Department identifying the specific date of the transfer of permit responsibility, coverage and liability between the current and the new permittee and a compliance review form has been submitted to, and the permit transfer has been approved by, the Department.

(c) This operating permit is valid only for those specific sources and the specific source locations described in this permit.

**#006 [25 Pa. Code § 127.441 and 35 P.S. § 4008]****Inspection and Entry.**

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

(1) Enter at reasonable times upon the permittee's premises where a source is located or emissions related activity is conducted, or where records are kept under the conditions of this permit;

(2) Have access to and copy, at reasonable times, any records that are kept under the conditions of this permit;

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

(4) Sample or monitor, at reasonable times, any substances or parameters, for the purpose of assuring compliance with the permit or applicable requirements as authorized by the Clean Air Act, the Air Pollution Control Act, or the regulations promulgated under the Acts.

(b) Pursuant to 35 P.S. § 4008, no person shall hinder, obstruct, prevent or interfere with the Department or its personnel in the performance of any duty authorized under the Air Pollution Control Act or regulations adopted thereunder including denying the Department access to a source at this facility. Refusal of entry or access may constitute grounds for permit revocation and assessment of criminal and/or civil penalties.

(c) Nothing in this permit condition shall limit the ability of the EPA to inspect or enter the premises of the permittee in accordance with Section 114 or other applicable provisions of the Clean Air Act.

**#007 [25 Pa. Code §§ 127.441 & 127.444]****Compliance Requirements.**

(a) The permittee shall comply with the conditions of this operating permit. Noncompliance with this permit constitutes a violation of the Clean Air Act and the Air Pollution Control Act and is grounds for one or more of the following:

**SECTION B. General State Only Requirements**

- (1) Enforcement action
- (2) Permit termination, revocation and reissuance or modification
- (3) Denial of a permit renewal application

(b) A person may not cause or permit the operation of a source which is subject to 25 Pa. Code Article III unless the source(s) and air cleaning devices identified in the application for the plan approval and operating permit and the plan approval issued for the source is operated and maintained in accordance with specifications in the applications and the conditions in the plan approval and operating permit issued by the Department. A person may not cause or permit the operation of an air contamination source subject to 25 Pa. Code Chapter 127 in a manner inconsistent with good operating practices.

(c) For purposes of Sub-condition (b) of this permit condition, the specifications in applications for plan approvals and operating permits are the physical configurations and engineering design details which the Department determines are essential for the permittee's compliance with the applicable requirements in this State-Only permit. Nothing in this sub-condition shall be construed to create an independent affirmative duty upon the permittee to obtain a predetermination from the Department for physical configuration or engineering design detail changes made by the permittee.

**#008 [25 Pa. Code § 127.441]****Need to Halt or Reduce Activity Not a Defense.**

It shall not be a defense for the permittee in an enforcement action that it was necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

**#009 [25 Pa. Code §§ 127.442(a) & 127.461]****Duty to Provide Information.**

(a) The permittee shall submit reports to the Department containing information the Department may prescribe relative to the operation and maintenance of each source at the facility.

(b) The permittee shall furnish to the Department, in writing, information that the Department may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. Upon request, the permittee shall also furnish to the Department copies of records that the permittee is required to maintain in accordance with this permit.

**#010 [25 Pa. Code § 127.461]****Revising an Operating Permit for Cause.**

This operating permit may be terminated, modified, suspended or revoked and reissued if one or more of the following applies:

- (1) The permittee constructs or operates the source subject to the operating permit so that it is in violation of the Air Pollution Control Act, the Clean Air Act, the regulations thereunder, a plan approval, a permit or in a manner that causes air pollution.
- (2) The permittee fails to properly or adequately maintain or repair an air pollution control device or equipment attached to or otherwise made a part of the source.
- (3) The permittee has failed to submit a report required by the operating permit or an applicable regulation.
- (4) The EPA determines that the permit is not in compliance with the Clean Air Act or the regulations thereunder.

**#011 [25 Pa. Code §§ 127.450, 127.462, 127.465 & 127.703]****Operating Permit Modifications**

(a) The permittee is authorized to make administrative amendments, minor operating permit modifications and significant operating permit modifications, under this permit, as outlined below:



**SECTION B. General State Only Requirements**

(b) Administrative Amendments. The permittee shall submit the application for administrative operating permit amendments (as defined in 25 Pa. Code § 127.450(a)), according to procedures specified in § 127.450 unless precluded by the Clean Air Act or its regulations.

(c) Minor Operating Permit Modifications. The permittee shall submit the application for minor operating permit modifications (as defined 25 Pa. Code § 121.1) in accordance with 25 Pa. Code § 127.462.

(d) Significant Operating Permit Modifications. The permittee shall submit the application for significant operating permit modifications in accordance with 25 Pa. Code § 127.465.

(e) The applicable fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" with the permit number clearly indicated and submitted to the respective regional office.

**#012 [25 Pa. Code § 127.441]****Severability Clause.**

The provisions of this permit are severable, and if any provision of this permit is determined by a court of competent jurisdiction to be invalid or unenforceable, such a determination will not affect the remaining provisions of this permit.

**#013 [25 Pa. Code § 127.449]****De Minimis Emission Increases.**

(a) This permit authorizes de minimis emission increases in accordance with 25 Pa. Code § 127.449 so long as the permittee provides the Department with seven (7) days prior written notice before commencing any de minimis emissions increase. The written notice shall:

(1) Identify and describe the pollutants that will be emitted as a result of the de minimis emissions increase.

(2) Provide emission rates expressed in tons per year and in terms necessary to establish compliance consistent with any applicable requirement.

(b) The Department may disapprove or condition de minimis emission increases at any time.

(c) Except as provided below in (d), the permittee is authorized to make de minimis emission increases (expressed in tons per year) up to the following amounts without the need for a plan approval or prior issuance of a permit modification:

(1) Four tons of carbon monoxide from a single source during the term of the permit and 20 tons of carbon monoxide at the facility during the term of the permit.

(2) One ton of NO<sub>x</sub> from a single source during the term of the permit and 5 tons of NO<sub>x</sub> at the facility during the term of the permit.

(3) One and six-tenths tons of the oxides of sulfur from a single source during the term of the permit and 8.0 tons of oxides of sulfur at the facility during the term of the permit.

(4) Six-tenths of a ton of PM<sub>10</sub> from a single source during the term of the permit and 3.0 tons of PM<sub>10</sub> at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air Act unless precluded by the Clean Air Act, the regulations thereunder or 25 Pa. Code Article III.

(5) One ton of VOCs from a single source during the term of the permit and 5.0 tons of VOCs at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air Act unless precluded by the Clean Air Act, the regulations thereunder or 25 Pa. Code Article III.

(6) Other sources and classes of sources determined to be of minor significance by the Department.

(d) In accordance with § 127.14, the permittee is authorized to install the following minor sources without the need for a plan approval or permit modification:

**SECTION B. General State Only Requirements**

- (1) Air conditioning or ventilation systems not designed to remove pollutants generated or released from other sources.
- (2) Combustion units rated at 2,500,000 or less Btu per hour of heat input.
- (3) Combustion units with a rated capacity of less than 10,000,000 Btu per hour heat input fueled by natural gas supplied by a public utility or by commercial fuel oils which are No. 2 or lighter, viscosity less than or equal to 5.82 c St, and which meet the sulfur content requirements of 25 Pa. Code §123.22 (relating to combustion units). For purposes of this permit, commercial fuel oil shall be virgin oil which has no reprocessed, recycled or waste material added.
- (4) Space heaters which heat by direct heat transfer.
- (5) Laboratory equipment used exclusively for chemical or physical analysis.
- (6) Other sources and classes of sources determined to be of minor significance by the Department.
- (e) This permit does not authorize de minimis emission increases if the emissions increase would cause one or more of the following:
- (1) Increase the emissions of a pollutant regulated under Section 112 of the Clean Air Act except as authorized in Subparagraphs (c)(4) and (5) of this permit condition.
- (2) Subject the facility to the prevention of significant deterioration requirements in 25 Pa. Code Chapter 127, Subchapter D and/or the new source review requirements in Subchapter E.
- (3) Violate any applicable requirement of this permit, the Air Pollution Control Act, the Clean Air Act, or the regulations promulgated under either of the acts.
- (f) Emissions authorized under this permit condition shall be included in the monitoring, recordkeeping and reporting requirements of this permit.
- (g) Except for de minimis emission increases, installation of minor sources made pursuant to this permit condition and Plan Approval Exemptions under 25 Pa. Code § 127.14 (relating to exemptions), the permittee is prohibited from making changes or engaging in activities that are not specifically authorized under this permit without first applying for a plan approval. In accordance with § 127.14(b), a plan approval is not required for the construction, modification, reactivation, or installation of the sources creating the de minimis emissions increase.
- (h) The permittee may not meet de minimis emission threshold levels by offsetting emission increases or decreases at the same source.

**#014 [25 Pa. Code § 127.3]****Operational Flexibility.**

The permittee is authorized to make changes within the facility in accordance with the regulatory provisions outlined in 25 Pa. Code § 127.3 (relating to operational flexibility) to implement the operational flexibility requirements provisions authorized under Section 6.1(i) of the Air Pollution Control Act and the operational flexibility terms and conditions of this permit. The provisions in 25 Pa. Code Chapter 127 which implement the operational flexibility requirements include the following:

- (1) Section 127.14 (relating to exemptions)
- (2) Section 127.447 (relating to alternative operating scenarios)
- (3) Section 127.448 (relating to emissions trading at facilities with Federally enforceable emissions caps)
- (4) Section 127.449 (relating to de minimis emission increases)
- (5) Section 127.450 (relating to administrative operating permit amendments)

**SECTION B. General State Only Requirements**

(6) Section 127.462 (relating to minor operating permit modifications)

(7) Subchapter H (relating to general plan approvals and general operating permits)

**#015 [25 Pa. Code § 127.11]****Reactivation**

(a) The permittee may not reactivate a source that has been out of operation or production for at least one year unless the reactivation is conducted in accordance with a plan approval granted by the Department or in accordance with reactivation and maintenance plans developed and approved by the Department in accordance with 25 Pa. Code § 127.11a(a).

(b) A source which has been out of operation or production for more than five (5) years but less than 10 years may be reactivated and will not be considered a new source if the permittee satisfies the conditions specified in 25 Pa. Code § 127.11a(b).

**#016 [25 Pa. Code § 127.36]****Health Risk-based Emission Standards and Operating Practice Requirements.**

(a) When needed to protect public health, welfare and the environment from emissions of hazardous air pollutants from new and existing sources, the permittee shall comply with the health risk-based emission standards or operating practice requirements imposed by the Department, except as precluded by §§ 6.6(d)(2) and (3) of the Air Pollution Control Act [35 P.S. § 4006.6(d)(2) and (3)].

(b) A person challenging a performance or emission standard established by the Department has the burden to demonstrate that performance or emission standard does not meet the requirements of Section 112 of the Clean Air Act.

**#017 [25 Pa. Code § 121.9]****Circumvention.**

No person may permit the use of a device, stack height which exceeds good engineering practice stack height, dispersion technique or other technique which, without resulting in reduction of the total amount of air contaminants emitted, conceals or dilutes an emission of air contaminants which would otherwise be in violation of 25 Pa. Code Article III, except that with prior approval of the Department, the device or technique may be used for control of malodors.

**#018 [25 Pa. Code §§ 127.402(d) & 127.442]****Reporting Requirements.**

(a) The permittee shall comply with the applicable reporting requirements of the Clean Air Act, the regulations thereunder, the Air Pollution Control Act and 25 Pa. Code Article III including Chapters 127, 135 and 139.

(b) The permittee shall submit reports to the Department containing information the Department may prescribe relative to the operation and maintenance of any air contamination source.

(c) Reports, test data, monitoring data, notifications and requests for renewal of the permit shall be submitted to the:

Regional Air Program Manager  
PA Department of Environmental Protection  
(At the address given in the permit transmittal letter, or otherwise notified)

(d) Any records or information including applications, forms, or reports submitted pursuant to this permit condition shall contain a certification by a responsible official as to truth, accuracy and completeness. The certifications submitted under this permit shall require a responsible official of the facility to certify that based on information and belief formed after reasonable inquiry, the statements and information in the documents are true, accurate and complete.

(e) Any records, reports or information submitted to the Department shall be available to the public except for such

**SECTION B. General State Only Requirements**

records, reports or information which meet the confidentiality requirements of § 4013.2 of the Air Pollution Control Act and §§ 112(d) and 114(c) of the Clean Air Act. The permittee may not request a claim of confidentiality for any emissions data generated for the facility.

**#019 [25 Pa. Code §§ 127.441(c) & 135.5]****Sampling, Testing and Monitoring Procedures.**

(a) The permittee shall comply with the monitoring, recordkeeping or reporting requirements of 25 Pa. Code Chapter 139 and the other applicable requirements of 25 Pa. Code Article III and additional requirements related to monitoring, reporting and recordkeeping required by the Clean Air Act and the regulations thereunder including the Compliance Assurance Monitoring requirements of 40 CFR Part 64, where applicable.

(b) Unless alternative methodology is required by the Clean Air Act and regulations adopted thereunder, sampling, testing and monitoring required by or used by the permittee to demonstrate compliance with any applicable regulation or permit condition shall be conducted in accordance with the requirements of 25 Pa. Code Chapter 139.

**#020 [25 Pa. Code §§ 127.441(c) and 135.5]****Recordkeeping.**

(a) The permittee shall maintain and make available, upon request by the Department, the following records of monitored information:

- (1) The date, place (as defined in the permit) and time of sampling or measurements.
- (2) The dates the analyses were performed.
- (3) The company or entity that performed the analyses.
- (4) The analytical techniques or methods used.
- (5) The results of the analyses.
- (6) The operating conditions as existing at the time of sampling or measurement.

(b) The permittee shall retain records of any required monitoring data and supporting information for at least five (5) years from the date of the monitoring, sample, measurement, report or application. Supporting information includes the calibration data and maintenance records and original strip-chart recordings for continuous monitoring instrumentation, and copies of reports required by the permit.

(c) The permittee shall maintain and make available to the Department upon request, records including computerized records that may be necessary to comply with the reporting, recordkeeping and emission statement requirements in 25 Pa. Code Chapter 135 (relating to reporting of sources). In accordance with 25 Pa. Code Chapter 135, § 135.5, such records may include records of production, fuel usage, maintenance of production or pollution control equipment or other information determined by the Department to be necessary for identification and quantification of potential and actual air contaminant emissions.

**#021 [25 Pa. Code § 127.441(a)]****Property Rights.**

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

**#022 [25 Pa. Code § 127.447]****Alternative Operating Scenarios.**

The permittee is authorized to make changes at the facility to implement alternative operating scenarios identified in this permit in accordance with 25 Pa. Code § 127.447.

**SECTION B. General State Only Requirements****#023 [25 Pa. Code §135.3]****Reporting**

(a) If the facility is a Synthetic Minor Facility, the permittee shall submit by March 1 of each year an annual emissions report for the preceding calendar year. The report shall include information for all active previously reported sources, new sources which were first operated during the preceding calendar year, and sources modified during the same period which were not previously reported. All air emissions from the facility should be estimated and reported.

(b) A source owner or operator of a Synthetic Minor Facility may request an extension of time from the Department for the filing of an annual emissions report, and the Department may grant the extension for reasonable cause.

**#024 [25 Pa. Code §135.4]****Report Format**

If applicable, the emissions reports shall contain sufficient information to enable the Department to complete its emission inventory. Emissions reports shall be made by the source owner or operator in a format specified by the Department.

**SECTION C. Site Level Requirements****I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

No person may permit the emission into the outdoor atmosphere of fugitive air contaminants from a source other than the following:

- (1) Construction or demolition of buildings or structures.
- (2) Grading, paving and maintenance of roads and streets.
- (3) Use of roads and streets. Emissions from material in or on trucks, railroad cars and other vehicular equipment are not considered as emissions from use of roads and streets.
- (4) Clearing of land.
- (5) Stockpiling of materials.
- (6) Open burning operations.

**# 002 [25 Pa. Code §123.2]****Fugitive particulate matter**

A person may not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in Condition #001 (1)-(6) above if such emissions are visible at the point the emissions pass outside the person's property.

**# 003 [25 Pa. Code §123.41]****Limitations**

A person may not permit the emission into the outdoor atmosphere of visible air contaminants in such a manner that the opacity of the emission is either of the following:

- (1) Equal to or greater than 20% for a period or periods aggregating more than three minutes in any 1 hour.
- (2) Equal to or greater than 60% at any time.

**# 004 [25 Pa. Code §123.42]****Exceptions**

The emission limitations of 25 Pa. Code Section 123.41 shall not apply to a visible emission in any of the following instances:

- (1) When the presence of uncombined water is the only reason for failure of the emission to meet the limitations.
- (2) When the emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.
- (3) When the emission results from sources specified in 25 Pa. Code Section 123.1(a)(1)-(6)(relating to prohibition of certain fugitive emissions).

**Throughput Restriction(s).****# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit conditions is also derived from 25 Pa. Code Sections 127.1 and 127.12]

The company shall not process more than 600,000 tons of limestone in any 12 consecutive month period.

**SECTION C. Site Level Requirements****II. TESTING REQUIREMENTS.****# 006 [25 Pa. Code §139.1]****Sampling facilities.**

Upon the request of the Department, the permittee shall provide adequate sampling ports, safe sampling platforms, and adequate utilities for the performance by the Department of tests on a source. The Department will set forth, in the request, the time period in which the facilities shall be provided as well as the specifications for such facilities.

**# 007 [25 Pa. Code §139.11]****General requirements.**

(a) As specified in 25 Pa. Code Section 139.11(1), performance tests shall be conducted while the source being tested is operating at maximum routine operating conditions or under such other conditions, within the capacity of the equipment, as may be requested by the Department.

(b) As specified in 25 Pa. Code Section 139.11(2), the Department will consider test results for approval where sufficient information is provided to verify the source conditions existing at the time of the test and where adequate data is available to show the manner in which the test was conducted. Information submitted to the Department shall include, as a minimum, all of the following:

- (1) A thorough source description, including a description of any air cleaning devices and the flue,
- (2) Process conditions, for example, the charging rate of raw material or rate of production of final product, boiler pressure, oven temperature, and other conditions which may affect emissions from the source,
- (3) The location of sampling ports,
- (4) Effluent characteristics, including velocity, temperature, moisture content, gas density (percentage of CO, CO<sub>2</sub>, O<sub>2</sub> and N<sub>2</sub>), static and barometric pressures,
- (5) Sample collection techniques employed, including procedures used, equipment descriptions, and data to verify that isokinetic sampling for particulate matter collection occurred and that acceptable test conditions were met,
- (6) Laboratory procedures and results,
- (7) Calculated results.

**III. MONITORING REQUIREMENTS.****# 008 [25 Pa. Code §123.43]****Measuring techniques**

Visible emissions may be measured using either of the following:

- (1) A device approved by the Department and maintained to provide accurate opacity measurements.
- (2) Observers, trained and qualified to measure plume opacity with the naked eye or with the aid of any devices approved by the Department.

**# 009 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall conduct a weekly inspection of the facility during daylight hours while the facility is operating to detect visible emissions, visible fugitive emissions and malodors. Weekly inspections are necessary to determine:

- (1) The presence of visible emissions,
- (2) The presence of visible fugitive emissions,
- (3) The presence of malodors beyond the boundaries of the facility.

(b) All detected visible emissions, visible fugitive emissions or malodors that have the potential to exceed applicable limits shall be reported to the manager of the facility.

**SECTION C. Site Level Requirements****IV. RECORDKEEPING REQUIREMENTS.****# 010 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

- (a) The permittee shall keep records of the total facility-wide production each month to verify compliance with the annual facility-wide production limit contained in this operating permit.
- (b) The records shall be retained for a minimum of five years and shall be made available to the Department upon request.

**# 011 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

- (a) The permittee shall maintain a logbook of the facility's weekly inspections performed. The logbook shall include the name of the company representative performing the inspection, the date and time of inspections, any instances of exceedances of visible emissions limitations, visible fugitive emissions limitations and malodorous air emissions limitations, and the name of the manager informed if a potential exceedance is observed. The permittee shall also record any and all corrective action(s) taken to abate each recorded deviation to prevent future occurrences.
- (b) These records shall be retained for a minimum of five (5) years and made available to the Department upon request.

**V. REPORTING REQUIREMENTS.****# 012 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

- (a) The permittee shall report malfunctions which occur at this facility to the Department. A malfunction is any sudden, infrequent, and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner that may result in an increase in the emission of air contaminants. Failures that are caused in part by poor maintenance or careless operation are not malfunctions.
- (b) Failures that are caused in part by poor maintenance or careless operation shall be reported as excess emissions or deviations from this plan approval's requirements.
- (c) When the malfunction, excess emission, or deviation from this plan approval's requirements poses an imminent and substantial danger to the public health and safety or environment, the permittee shall notify the Department by telephone no later than one (1) hour after the incident.
- (d) Any malfunction, excess emission or deviation from this plan approval's requirements that is not subject to the notice requirements of subsection (c) of this permit condition shall be reported to the Department within twenty-four (24) hours of discovery. In notifying the Department, the permittee shall describe the following:
- (i) name and location of the facility,
  - (ii) nature and cause of the malfunction or breakdown,
  - (iii) time when the malfunction or breakdown was first observed,
  - (iv) expected duration of excess emissions,
  - (v) estimated rate of emissions,
  - (vi) corrective actions or preventative measures taken.
- (e) The permittee shall notify the Department immediately when corrective measures have been accomplished.
- (f) Upon the request of the Department, the permittee shall submit a full written report to the Regional Air Program Manager within fifteen (15) days of the malfunction, excess emission, or deviation from this plan approval's requirements.



**SECTION C. Site Level Requirements****# 013 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Upon request by the Department, the permittee shall submit all requested reports in accordance with the Department's suggested format.

**VI. WORK PRACTICE REQUIREMENTS.****# 014 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

For any source specified in 25 Pa Code Section 123.1 subsections (a)(1)-(8) or (a)(9), the permittee shall take all reasonable actions to prevent particulate matter from becoming airborne. These actions shall include, but not be limited to, the following:

- (1) Use, where possible, of water or chemicals for control of dust in the demolition of buildings or structures, construction operations, the grading of roads or the clearing of land.
- (2) Application of asphalt, oil, water or suitable chemicals on dirt roads, material stockpiles and other surfaces which may give rise to airborne dusts.
- (3) Paving and maintenance of roadways.
- (4) Prompt removal of earth or other material from paved streets onto which earth or other material has been transported by trucking or earth moving equipment, erosion by water, or other means.

**# 015 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

An operable water truck equipped with a gravity-fed spraybar and a spray gun or hose connection shall be kept on site and filled with water at all times while the facility is in operation.

**# 016 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

This operating permit does not authorize the construction of any fuel-burning generators, stationary engines or engines/generator sets.

**# 017 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

If at any time it is determined that the air contaminant emissions are in excess of any applicable air contaminant emission limitation as specified in this permit, the company shall immediately install additional water spray dust suppression nozzles and/or take such other control measures as are necessary to reduce the air contaminant emissions to within the applicable limitations.

**VII. ADDITIONAL REQUIREMENTS.****# 018 [25 Pa. Code §121.7]****Prohibition of air pollution.**

No person may permit air pollution as that term is defined in the act [The Air Pollution Control Act (35 P.S. §§ 4001-4015)].

**# 019 [25 Pa. Code §123.31]****Limitations**

No person may permit the emission into the outdoor atmosphere of any malodorous air contaminants from any source in a manner that the malodors are detectable outside the property of the person on whose land the source is being operated.

**# 020 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Any of the aggregate plant equipment, with the exception of the air pollution control devices, can be replaced without

**SECTION C. Site Level Requirements**

obtaining approval by the Department, provided that the replacement equipment is of equal or smaller size and provided that the replacement equipment is of equivalent design and function (i.e., a jaw crusher may be replaced with a jaw crusher, etc.). The permittee shall notify the Department, in writing, prior to the replacement.

**# 021 [25 Pa. Code §129.14]**

**Open burning operations**

No person may permit the open burning of material at this facility unless in accordance with 25 Pa. Code Section 129.14.

**VIII. COMPLIANCE CERTIFICATION.**

No additional compliance certifications exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

**IX. COMPLIANCE SCHEDULE.**

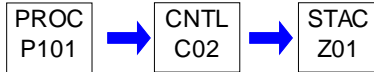
No compliance milestones exist.

**SECTION D. Source Level Requirements**

Source ID: P101

Source Name: PRIMARY CRUSHING SYSTEM

Source Capacity/Throughput:

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**II. TESTING REQUIREMENTS.**

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**III. MONITORING REQUIREMENTS.**

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**IV. RECORDKEEPING REQUIREMENTS.**

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**VI. WORK PRACTICE REQUIREMENTS.****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The particulate matter emissions from Source ID P101 shall be controlled by ID C02.

**# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The water spray dust suppression system (ID C02) shall be connected to an on-demand water source capable of delivering an adequate supply of water at any time Source ID P101 is in operation. On-demand shall be interpreted as meaning that adequate water can be provided to all spray nozzles at any time with no more effort than turning a valve. The water spray dust suppression system (ID C02) shall be operated on any and all occasions that Source ID P101 is operated, except in those unusual instances where conditions are such that operation of the sources without the simultaneous operation of the water spray dust suppression system (ID C02) can take place without creating air contaminant emissions in excess of the limitations specified in 25 Pa. Code §123.1 and §123.2. If, however, the water spray dust suppression system (ID C02) associated with Source ID P101 is incapable of operation due to weather conditions or any other reason Source ID P101 may not be operated at all.

**VII. ADDITIONAL REQUIREMENTS.****# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) Source ID P101 is a primary crushing system which consists of the following:

**SECTION D. Source Level Requirements**

- (1) one (1) Farrell Bacon jaw crusher, 36" x 42", rated at 300 Ton/hr,
- (2) one (1) Taylor apron feeder, 42" x 12',
- (3) one (1) conveyor, under apron,
- (4) one (1) Syntron vibratory feeder, model F-55B, feeds 42" conveyor,
- (5) one (1) stone conveyor, 42" x 70', jaw crusher discharge, rated at 800 Ton/hr,
- (6) one (1) Diester 4' x 14' single desck screen,
- (7)one (1) LB Smith stone conveyor, 36" x 10', to Kennedy screen, rated at 400 Ton/hr,
- (8) one (1) Kennedy screen, 3' x 8', rated at 200 Ton/hr,
- (9) one (1) LB Smith conveyor, 24" x 120', Kennedy to 2RC bin, rated at 400 Ton/hr.

(b) ID C02 is a Johnson-March water spray dust suppression system

**# 004 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 40 CFR Part 60, Subpart OOO, Section 60.670(e)]

The Deister 4' x 14' screen under Source ID P101 is subject to requirements of 40 CFR Part 60, Subpart OOO. The permittee shall comply with all applicable requirements of 40 CFR Part 60, Subpart OOO, Sections 60.670 - 60.676.

**SECTION D. Source Level Requirements**

Source ID: P102

Source Name: SECONDARY CRUSHING SYSTEM

Source Capacity/Throughput:

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**II. TESTING REQUIREMENTS.**

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**III. MONITORING REQUIREMENTS.**

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**IV. RECORDKEEPING REQUIREMENTS.**

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**VI. WORK PRACTICE REQUIREMENTS.****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The particulate matter emissions from Source ID P102 shall be controlled by ID C02.

**# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The water spray dust suppression system (ID C02) shall be connected to an on-demand water source capable of delivering an adequate supply of water at any time Source ID P102 is in operation. On-demand shall be interpreted as meaning that adequate water can be provided to all spray nozzles at any time with no more effort than turning a valve. The water spray dust suppression system (ID C02) shall be operated on any and all occasions that Source ID P102 is operated, except in those unusual instances where conditions are such that operation of the sources without the simultaneous operation of the water spray dust suppression system (ID C02) can take place without creating air contaminant emissions in excess of the limitations specified in 25 Pa. Code §123.1 and §123.2. If, however, the water spray dust suppression system (ID C02) associated with Source ID P102 is incapable of operation due to weather conditions or any other reason Source ID P102 may not be operated at all.

**VII. ADDITIONAL REQUIREMENTS.****# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) Source ID P102 is a secondary crushing system, which consists of the following:

**SECTION D. Source Level Requirements**

- (1) one (1) Cedar Rapids 3020 impact crusher, rated at 200 Ton/hr,
- (2) one (1) LB Smith conveyor, 30" x 115', 3020 crusher to Simplicity, rated at 450 Ton/hr,
- (3) one (1) Deister inclined screen, 4' x 14',
- (4) one (1) conveyor, return to 3033 hammermill, rated at 375 Ton/hr,
- (5) one (1) Cedar Rapids 3033 hammermill crusher, rated at 200 Ton/hr,
- (6) one (1) LB Smith conveyor, 30" x 73', to Eagle double screw, rated at 375 Ton/hr.

(b) ID C02 is a Johnson-March water spray dust suppression system.

**# 004 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 40 CFR Part 60, Subpart OOO, Section 60.670(e)]

The Deister 4' x 14' screen under Source ID P102 is subject to requirements of 40 CFR Part 60, Subpart OOO. The permittee shall comply with all applicable requirements of 40 CFR Part 60, Subpart OOO, Sections 60.670 - 60.676.

**SECTION D. Source Level Requirements**

Source ID: P103

Source Name: IMPACT CRUSHER

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).**

# 001 [25 Pa. Code §123.13]

**Processes**

No person may permit the emission of particulate matter from the exhaust of fabric collector (ID C01) associated with Source ID P103 into the outdoor atmosphere in a manner such that the concentration in the effluent gas exceeds 0.04 grain per dry standard cubic foot.

**II. TESTING REQUIREMENTS.**

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**III. MONITORING REQUIREMENTS.**

# 002 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The fabric collector (ID C01) associated with Source ID P103 shall be equipped with instrumentation to monitor the pressure differential across the fabric collector filter bags on a continuous basis.

**IV. RECORDKEEPING REQUIREMENTS.**

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall keep records of the pressure differential across the fabric collector (ID C01) when Source ID P103 is in operation at least twice per week. These records shall be retained for a minimum of five (5) years and made available to the Department upon request.

**V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**VI. WORK PRACTICE REQUIREMENTS.**

# 004 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

During those periods of time when the fabric bags in the fabric collector (ID C01) associated with Source ID P103 are being shaken, Source ID P103 may not be operated.

# 005 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall keep on hand a sufficient quantity of spare fabric collector bags for the fabric collector (ID C01) associated with Source ID P103 in order to be able to immediately replace any bags requiring replacement.

# 006 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The handling and storage of the material collected in the fabric collector (ID C01) associated with Source ID P103 shall not

**SECTION D. Source Level Requirements**

at any time result in the emission of fugitive air contaminants in excess of the limitations specified in 25 Pa. Code Section 123.1.

**# 007 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

The permittee shall not operate Source ID P103 without the simultaneous operation of the fabric collector (ID C01) associated with Source ID P103. The particulate matter emissions from Source ID P103 shall be controlled by ID C01.

**VII. ADDITIONAL REQUIREMENTS.**

**# 008 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

(a) Source ID P103 is a Universal 3635 impact crusher, rated at 350 tons per hour.

(b) ID C01 is a Pangborn fabric collector, model 408CT.



**SECTION D. Source Level Requirements**

Source ID: P104

Source Name: MISCELLANEOUS CONVEYORS

Source Capacity/Throughput:

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**II. TESTING REQUIREMENTS.**

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**III. MONITORING REQUIREMENTS.**

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**IV. RECORDKEEPING REQUIREMENTS.**

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**VI. WORK PRACTICE REQUIREMENTS.****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The particulate matter emissions from Source ID P104 shall be controlled by ID C02.

**# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The water spray dust suppression system (ID C02) shall be connected to an on-demand water source capable of delivering an adequate supply of water at any time Source ID P104 is in operation. On-demand shall be interpreted as meaning that adequate water can be provided to all spray nozzles at any time with no more effort than turning a valve. The water spray dust suppression system (ID C02) shall be operated on any and all occasions that Source ID P104 is operated, except in those unusual instances where conditions are such that operation of the sources without the simultaneous operation of the water spray dust suppression system (ID C02) can take place without creating air contaminant emissions in excess of the limitations specified in 25 Pa. Code §123.1 and §123.2. If, however, the water spray dust suppression system (ID C02) associated with Source ID P104 is incapable of operation due to weather conditions or any other reason Source ID P104 may not be operated at all.

**VII. ADDITIONAL REQUIREMENTS.****# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) Source ID P104 is miscellaneous conveyors which consists of the following:

**SECTION D. Source Level Requirements**

- (1) one (1) LB Smith conveyor 24" x 130', to Pioneer screen, rated at 400 Ton/hr,
  - (2) one (1) bucket elevator, 18" x 50', rated at 125 Ton/hr,
  - (3) one (1) LB Smith conveyor 24" x 70', return to 4033 hammermill, rated at 125 Ton/hr,
  - (4) one (1) conveyor, lime screen to wash screen, rated at 125 Ton/hr.
- (b) ID C02 is a Johnson-March water spray dust suppression system.

**SECTION D. Source Level Requirements**

Source ID: P105

Source Name: 4033 HAMMERMILL CRUSHING SYSTEM

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).**

# 001 [25 Pa. Code §123.13]

**Processes**

No person may permit the emission of particulate matter from the exhaust of fabric collector (ID C01) associated with Source ID P105 into the outdoor atmosphere in a manner such that the concentration in the effluent gas exceeds 0.04 grain per dry standard cubic foot.

**II. TESTING REQUIREMENTS.**

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**III. MONITORING REQUIREMENTS.**

# 002 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The fabric collector (ID C01) associated with Source ID P105 shall be equipped with instrumentation to monitor the pressure differential across the fabric collector filter bags on a continuous basis.

**IV. RECORDKEEPING REQUIREMENTS.**

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall keep records of the pressure differential across the fabric collector (ID C01) when Source ID P105 is in operation at least twice per week. These records shall be retained for a minimum of five (5) years and made available to the Department upon request.

**V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**VI. WORK PRACTICE REQUIREMENTS.**

# 004 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The handling and storage of the material collected in the fabric collector (ID C01) associated with Source ID P105 shall not at any time result in the emission of fugitive air contaminants in excess of the limitations specified in 25 Pa. Code Section 123.1.

# 005 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall not operate Source ID P105 without the simultaneous operation of the fabric collector (ID C01) associated with Source ID P105. The particulate matter emissions from Source ID P105 shall be controlled by ID C01.

# 006 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

**SECTION D. Source Level Requirements**

During those periods of time when the fabric bags in the fabric collector (ID C01) associated with Source ID P105 are being shaken, Source ID P105 may not be operated.

**# 007 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

The permittee shall keep on hand a sufficient quantity of spare fabric collector bags for the fabric collector (ID C01) associated with Source ID P105 in order to be able to immediately replace any bags requiring replacement.

**VII. ADDITIONAL REQUIREMENTS.**

**# 008 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

(a) Source ID P105 is a hammermill crushing system which consists of the following:

- (1) one (1) Cedar Rapids 4033 hammermill, rated at 140 Ton/hr,
- (2) one (1) Seco screen, 4' x 12',
- (3) one (1) Syntron feeder, model F45E.

(b) ID C01 is a Pangborn fabric collector, model 408CT.

**# 009 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 40 CFR Part 60, Subpart OOO, Section 60.670(e)]

The Seco 4' x 12' screen under Source ID P105 is subject to requirements of 40 CFR Part 60, Subpart OOO. The permittee shall comply with all applicable requirements of 40 CFR Part 60, Subpart OOO, Sections 60.670 - 60.676.

**SECTION D. Source Level Requirements**

Source ID: P106

Source Name: LIME SCREEN

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).**

# 001 [25 Pa. Code §123.13]

**Processes**

No person may permit the emission of particulate matter from the exhaust of fabric collector (ID C01) associated with Source ID P106 into the outdoor atmosphere in a manner such that the concentration in the effluent gas exceeds 0.04 grain per dry standard cubic foot.

**II. TESTING REQUIREMENTS.**

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**III. MONITORING REQUIREMENTS.**

# 002 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The fabric collector (ID C01) associated with Source ID P106 shall be equipped with instrumentation to monitor the pressure differential across the fabric collector filter bags on a continuous basis.

**IV. RECORDKEEPING REQUIREMENTS.**

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall keep records of the pressure differential across the fabric collector (ID C01) when Source ID P106 is in operation at least twice per week. These records shall be retained for a minimum of five (5) years and made available to the Department upon request.

**V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**VI. WORK PRACTICE REQUIREMENTS.**

# 004 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

During those periods of time when the fabric bags in the fabric collector (ID C01) associated with Source ID P106 are being shaken, Source ID P106 may not be operated.

# 005 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall keep on hand a sufficient quantity of spare fabric collector bags for the fabric collector (ID C01) associated with Source ID P106 in order to be able to immediately replace any bags requiring replacement.

# 006 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The handling and storage of the material collected in the fabric collector (ID C01) associated with Source ID P106 shall not

**SECTION D. Source Level Requirements**

at any time result in the emission of fugitive air contaminants in excess of the limitations specified in 25 Pa. Code Section 123.1.

**# 007 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

The permittee shall not operate Source ID P106 without the simultaneous operation of the fabric collector (ID C01) associated with Source ID P106. The particulate matter emissions from Source ID P106 shall be controlled by ID C01.

**VII. ADDITIONAL REQUIREMENTS.**

**# 008 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

(a) Source ID P106 is a Cedar Rapids lime screen, 4' x 12'.

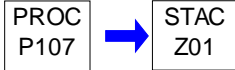
(b) ID C01 is a Pangborn fabric collector, model 408CT.

**SECTION D. Source Level Requirements**

Source ID: P107

Source Name: SCREENING SYSTEM - WET PROCESS

Source Capacity/Throughput:

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**II. TESTING REQUIREMENTS.**

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**III. MONITORING REQUIREMENTS.**

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**IV. RECORDKEEPING REQUIREMENTS.**

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**VI. WORK PRACTICE REQUIREMENTS.**

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**VII. ADDITIONAL REQUIREMENTS.****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Source ID P107 is a wet process screening system which consists of the following:

- (a) one (1) LB Smith conveyor, chainsaw belt, rated at 600 Ton/hr,
- (b) one (1) conveyor, 24" cable to wash screen, 24" x 100', rated at 300 Ton/hr,
- (c) one (1) Eagle double screw, 36" x 25',
- (d) one (1) McLanahan log washer, 36" x 25',
- (e) one (1) Deister screen, 4' x 12',
- (f) one (1) McLanahan screw, 24" x 20'.

**# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 40 CFR Part 60, Subpart OOO, Section 60.670(e)]

The Deister 4' x 12' screen under Source ID P107 is subject to requirements of 40 CFR Part 60, Subpart OOO. The



**SECTION D. Source Level Requirements**

permittee shall comply with all applicable requirements of 40 CFR Part 60, Subpart OOO, Sections 60.670 - 60.676.

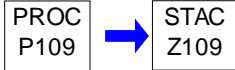


**SECTION D. Source Level Requirements**

Source ID: P109

Source Name: COLD CLEANING DEGREASER

Source Capacity/Throughput:

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**II. TESTING REQUIREMENTS.**

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**III. MONITORING REQUIREMENTS.**

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**IV. RECORDKEEPING REQUIREMENTS.****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.63]

The permittee shall keep onsite up-to-date Certified Product Data Sheets (CPDSs) or Material Safety Data Sheets (MSDSs) that accurately identify the volatile organic compound (VOC) and hazardous air pollutant (HAP) content of all solvents used in Source ID P109.

**# 002 [25 Pa. Code §129.63]****Degreasing operations**

(a) The permittee shall keep following records on site:

- (1) The name and address of the solvent supplier,
- (2) The type of solvent including the product or vendor identification number,
- (3) The vapor pressure of the solvent measured in millimeters of mercury (mm Hg) at 68 degrees Fahrenheit.

(b) These records shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

**V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**VI. WORK PRACTICE REQUIREMENTS.****# 003 [25 Pa. Code §129.63]****Degreasing operations**

Source ID P109 shall be operated in accordance with the following procedures:

**SECTION D. Source Level Requirements**

- (1) Waste solvent shall be collected and stored in a closed container. The closed container may contain a device that allows pressure relief, but does not allow liquid solvent to drip from the container.
- (2) Flushing of parts using a flexible hose or other flushing device shall be performed only within the cold cleaning machine. The solvent spray shall be a solid fluid stream, not an atomized or shower spray.
- (3) Sponges, fabric, wood, leather, paper products, and other absorbent materials may not be cleaned in the cold cleaning machine.
- (4) Air agitated solvent baths may not be used.
- (5) Spills during solvent transfer and use of cold cleaning machine shall be cleaned up immediately.

**VII. ADDITIONAL REQUIREMENTS.****# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Source ID P109 is subject to 25 Pa. Code Section 129.63(a) (Degreasing Operations - Cold Cleaning Machines). The permittee shall comply with all applicable requirements specified in 25 Pa. Code Section 129.63(a).

**# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.63]

The vapor pressure of VOC containing solvent shall be less than 1.0 millimeter of mercury (mm Hg) measured at 20 degrees Celsius (68 degrees Fahrenheit).

**# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Source ID P109 consists of a cold cleaning remote reservoir parts washer, installed 1980.

**# 007 [25 Pa. Code §129.63]****Degreasing operations**

Source ID P109 shall be equipped with a cover that shall be closed at all times except during the cleaning of parts or the addition or removal of solvent. For Source ID P109, a perforated drain with a diameter of not more than 6 inches shall constitute an acceptable cover.

**# 008 [25 Pa. Code §129.63]****Degreasing operations**

Source ID P109 shall have a permanent, conspicuous label summarizing all required operating procedures specified in Condition #003 for Source ID P109. In addition, the label shall include the following discretionary good operating practices:

- (1) Cleaned parts should be drained at least 15 seconds or until dripping ceases, whichever is longer. Parts having cavities or blind holes shall be tipped or rotated while the part is draining.
- (2) During the draining, tipping, or rotating, the parts should be positioned so that solvent drains directly back to the cold cleaning machine.
- (3) Work area fans should be located and positioned so that they do not blow across the opening of the degreaser unit.

**SECTION D. Source Level Requirements**

Source ID: P110

Source Name: WATER PUMP

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).**

# 001 [25 Pa. Code §123.13]

**Processes**

No person may permit the emission of particulate matter from Source ID P110 into the outdoor atmosphere in a manner such that the concentration in the effluent gas exceeds 0.04 grain per dry standard cubic foot.

# 002 [25 Pa. Code §123.21]

**General**

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO<sub>2</sub>, from Source ID P110 in a manner such that the concentration in the effluent gas exceeds 500 parts per million, by volume, dry basis.

**Fuel Restriction(s).**

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall only use gasoline as fuel for Source ID P110.

**II. TESTING REQUIREMENTS.**

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**III. MONITORING REQUIREMENTS.**

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**IV. RECORDKEEPING REQUIREMENTS.**

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**VI. WORK PRACTICE REQUIREMENTS.**

# 004 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

[Additional authority for this permit conditions is derived from 40 CFR Part 63, Sections 63.6603 and 63.6640]

**SECTION D. Source Level Requirements**

The permittee shall comply with the following requirements for the engine of Source ID P110:

- 1) Change oil and filter every 1,000 hours of operation or annually, whichever comes first;
- 2) Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first, and replace as necessary;
- 3) Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.
- 4) During the period of startup, the permittee shall minimize the engine's time spent at idle and minimize the engine's startup time at startup to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the non-startup emission limitations apply.

**VII. ADDITIONAL REQUIREMENTS.**

**# 005 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

Source ID P110 is subject to requirements of 40 CFR Part 63, Subpart ZZZZ, Sections 63.6580 through 63.6675. The permittee shall comply with all applicable requirements of Part 63, Subpart ZZZZ.

**# 006 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

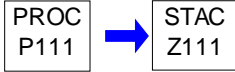
Source ID P110 is a Honda gasoline fired water pump, model GX340, rated at 11.0 HP, located at sediment pond.

**SECTION D. Source Level Requirements**

Source ID: P111

Source Name: DIESEL STORAGE TANKS

Source Capacity/Throughput:

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**II. TESTING REQUIREMENTS.**

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**III. MONITORING REQUIREMENTS.**

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**IV. RECORDKEEPING REQUIREMENTS.****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall keep a record of the vapor pressure of the contents of each storage tank associated with Source ID P111. These records shall be retained for a minimum of five (5) years and made available to the Department upon request.

**V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**VI. WORK PRACTICE REQUIREMENTS.****# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall not store any liquid containing volatile organic compounds (VOC) with a vapor pressure greater than 1.5 psia (10.5 kilopascals) under actual storage conditions in any storage tank associated with Source ID P111.

**VII. ADDITIONAL REQUIREMENTS.****# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

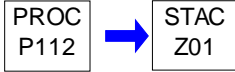
Source ID P111 consists of two (2) diesel storage tanks, each 6000 gallons, above ground, vented to atmosphere.

**SECTION D. Source Level Requirements**

Source ID: P112

Source Name: HAUL ROADS

Source Capacity/Throughput:

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**II. TESTING REQUIREMENTS.**

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**III. MONITORING REQUIREMENTS.**

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**IV. RECORDKEEPING REQUIREMENTS.**

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**VI. WORK PRACTICE REQUIREMENTS.****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

An operable water truck equipped with a gravity-fed spray bar and a spray gun or hose connection shall be kept on site and filled with water at all times when the plant is in operation. The water truck shall be used, as needed, for the prevention and control of fugitive air contaminants emissions from roadways, stockpiles, truck loading activities, etc. The haul roads shall be saturated to the point where the facility is in compliance with 25 Pa. Code Sections 123.1 and 123.2.

**VII. ADDITIONAL REQUIREMENTS.****# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

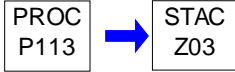
Source ID P112 is 0.75 mile of unpaved site haul roads.

**SECTION D. Source Level Requirements**

Source ID: P113

Source Name: DEISTER SCREEN

Source Capacity/Throughput:

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**II. TESTING REQUIREMENTS.**

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**III. MONITORING REQUIREMENTS.**

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**IV. RECORDKEEPING REQUIREMENTS.**

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**VI. WORK PRACTICE REQUIREMENTS.****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The screen portion of Source ID P113 shall be less than 4'x9' and the remainder surface of Source ID P113 shall be a solid plate.

**VII. ADDITIONAL REQUIREMENTS.****# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

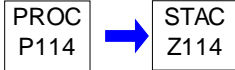
Source ID P113 is a 4'x14' Diester screen.

**SECTION D. Source Level Requirements**

Source ID: P114

Source Name: WATER TREATMENT OPERATION

Source Capacity/Throughput:

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**II. TESTING REQUIREMENTS.**

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**III. MONITORING REQUIREMENTS.**

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**IV. RECORDKEEPING REQUIREMENTS.**

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**VI. WORK PRACTICE REQUIREMENTS.**

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**VII. ADDITIONAL REQUIREMENTS.****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Source ID P114 is a water treatment operation which consists of the following:

- (a) one (1) waste-water treatment system, 600 gallons per minutes,
- (b) two (2) sediment ponds.

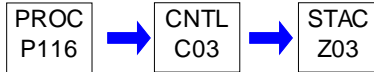


**SECTION D. Source Level Requirements**

Source ID: P116

Source Name: CONVEYORS

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).**

# 001 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall comply with all applicable requirements for Source ID P116 as specified in 25 Pa. Code Section 123.1 and 40 CFR Section 60.672.

**II. TESTING REQUIREMENTS.**

# 002 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.675]

**Subpart 000 - Standards of Performance for Nonmetallic Mineral Processing Plants****Test methods and procedures.**

The permittee shall comply with all applicable testing requirements for Source ID P116 as specified in 40 CFR 60.675.

**III. MONITORING REQUIREMENTS.**

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**IV. RECORDKEEPING REQUIREMENTS.**

# 003 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.676]

**Subpart 000 - Standards of Performance for Nonmetallic Mineral Processing Plants****Reporting and recordkeeping.**

The permittee shall comply with all applicable recordkeeping requirements for Source ID P116 as specified in 40 CFR 60.676.

**V. REPORTING REQUIREMENTS.**

# 004 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4]

**Subpart A - General Provisions****Address.**

The submission of all requests, reports, applications, submittals and other communications required by Subpart 000 of the federal Standards of Performance for New Stationary Sources, 40 CFR 60.670-60.676, must be made to both the Department and the U.S. Environmental Protection Agency. The Environmental Protection Agency copies may be sent to:

U.S. EPA Region III  
1650 Arch Street  
11th Floor  
3WC22  
Philadelphia, PA 19103-2029

# 005 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.676]

**Subpart 000 - Standards of Performance for Nonmetallic Mineral Processing Plants****Reporting and recordkeeping.**

The permittee shall comply with all applicable reporting requirements for Source ID P116 as specified in 40 CFR 60.676.

**SECTION D. Source Level Requirements****VI. WORK PRACTICE REQUIREMENTS.****# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

If at any time it is determined that the operation of Source ID P116 is resulting in the emission of air contaminants in excess of the limitations specified in any condition contained in this plan approval, the limitations specified in, or established pursuant to, any applicable rule or regulation contained in 25 Pa. Code Chapters 121-145, or the applicable requirements of Subpart 000 of the federal Standards of Performance for New Stationary Sources, 40 CFR Sections 60.670 through 60.676, the company shall immediately install additional water spray dust suppression nozzles and/or take such other control measures as are necessary to reduce the air contaminant emissions to within the applicable limitations.

**# 007 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Pursuant to the best available technology provisions in 25 Pa. Code Sections 127.1 and 127.12, the emissions from Source ID P116 shall be controlled by a water spray dust suppression system (ID C03) that shall, at a minimum, incorporate the following spray nozzles:

- (a) 3 nozzles at the discharge of the 30" x 100' Melot conveyor (#65),
- (b) 2 nozzles at the discharge of the 24" x 80' LB Smith conveyor (#66),
- (c) 2 nozzles at the discharge of the 30" x 100' Melot radial stacker (#70),
- (d) 2 nozzles at the discharge of the 36" x 90' Melot conveyor (#74),
- (e) 3 nozzles at the discharge of the 36" x 103' LB Smith radial stacker (#75).

More spray nozzles may be added without the necessity of obtaining Department plan approval, but none of those identified herein may be deleted or removed without prior Department approval. In addition, each spray nozzle shall be equipped with a filter/strainer.

**# 008 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit conditions is also derived from 25 Pa. Code Sections 127.1 and 127.12]

An operable water truck equipped with a pressurized water spray mechanism shall be kept onsite and filled with water at all times (except when refilling the truck) that Source ID P116 is in operation. This water truck shall be used, as needed, for the prevention and control of fugitive air contaminant emissions from plant roadways, etc.

**VII. ADDITIONAL REQUIREMENTS.****# 009 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Pursuant to the best available technology provisions in 25 Pa. Code Sections 127.1 and 127.12, ID C03 associated with Source ID P116 shall be connected to an on-demand water source capable of delivering an adequate supply of water at anytime Source ID P116 is in operation. On-demand shall be interpreted as meaning that adequate water can be provided to all spray nozzles at anytime with no more effort than turning a valve. ID C03 associated with Source ID P116 shall be operated on any and all occasions that Source ID P116 is operated, except in those unusual instances where conditions are such that operation of Source ID P116 without the simultaneous operation of ID C03 can take place without creating air contaminant emissions in excess of the limitations specified in 25 Pa. Code §123.1 and §123.2. If, however, ID C03 associated with Source ID P116 is incapable of operation due to weather conditions or any other reason, Source ID P116 may not be operated at all.

**# 010 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Pursuant to the replacement provisions in 40 CFR 60.672(d), any of the conveyors associated with Source ID P116 can be replaced without obtaining plan approval provided that the conveyors are of equal or smaller size as defined in 40 CFR 60.671 and provided that the conveyor is of equivalent design and function (i.e., a conveyor may be replaced with a same sized conveyor, etc.). The permittee shall notify the Department, in writing, prior to the replacement.

**SECTION D. Source Level Requirements****# 011 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) Source ID P116 consists of the following conveyors:

- (1) 24" x 10' LB Smith conveyor (facility ID #60),
- (2) 42" x 25' Simplicity conveyor (facility ID #63),
- (3) 24" x 93' LB Smith conveyor (facility ID #64),
- (4) 30" x 100' Melot conveyor (facility ID #65),
- (5) 24" x 80' LB Smith conveyor (facility ID #66),
- (6) 24" x 15' Simplicity conveyor (facility ID #67),
- (7) 24" x 53' LB Smith conveyor (facility ID #69),
- (8) 30" x 100' Melot radial stacker (facility ID #70),
- (9) 24" x 75' LB Smith conveyor (facility ID #71),
- (10) 36" x 20' LB Smith conveyor (facility ID #72),
- (11) 36" x 90' Melot conveyor (facility ID #74),
- (12) 36" x 103' LB Smith radial stacker (facility ID #75),
- (13) 30" x 20' LB Smith conveyor (facility ID #76),
- (14) 24" x 20' LB Smith conveyor (facility ID #77).

(b) ID C03 is a Cedar Rapids CR16 Water Spray Dust Control System.

**# 012 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.670]****Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants****Applicability and designation of affected facility.**

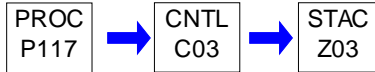
Source ID P116 is subject to 40 CFR Part 60, Subpart OOO. The permittee shall comply with all the applicable requirements specified in 40 CFR Sections 60.670 through 60.676.

**SECTION D. Source Level Requirements**

Source ID: P117

Source Name: LIMESTONE CRUSHING AND SCREENING OPERATION

Source Capacity/Throughput:

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**II. TESTING REQUIREMENTS.**

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**III. MONITORING REQUIREMENTS.**

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**IV. RECORDKEEPING REQUIREMENTS.**

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**V. REPORTING REQUIREMENTS.****# 001 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4]****Subpart A - General Provisions****Address.**

The submission of all requests, reports, applications submittals and other communications required by the Standards of Performance must be made to both the Department of Environmental Protection and the Environmental Protection Agency. The Environmental Protection Agency copies may be sent to:

U.S. EPA Region III  
1650 Arch Street  
11th Floor  
3WC22  
Philadelphia, PA 19103-2029

**VI. WORK PRACTICE REQUIREMENTS.****# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit conditions is also derived from 25 Pa. Code Sections 127.1 and 127.12]

An operable water truck equipped with a pressurized water spray mechanism shall be kept onsite and filled with water at all times that the facility is operating. This water truck shall be used, as needed, for the prevention and control of fugitive air contaminant emissions from plant roadways, etc.

**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.****# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit conditions is also derived from 25 Pa. Code Sections 127.1 and 127.12]

The air contaminant emissions from the equipment of Source ID P117 shall be controlled by a water spray dust suppression system (ID C03) which shall, at a minimum incorporated the following spray nozzles:

- 4 nozzles at the discharge of the Cedar Rapids grizzly feeder (#1)
- 2 nozzles at the discharge of the 5348 Cedar Rapids Impactor (#2)
- 2 nozzles at the discharge of the 48"x29' LBS conveyor (#3)
- 2 nozzles in the 5'x12' Simplicity screen (#5)
- 2 nozzles at the feed of the 3645 Cedar Rapids Double Impact crusher (#61)
- 2 nozzles at the transfer point between the 36"x100' conveyor (#62) and the 6'x16' triple deck screen (#63)

More spray nozzles may be added without the necessity of obtaining Department plan approval but non of the those identified herein may be deleted or removed without prior Department approval. Each spray nozzle shall be equipped with a filter/strainer.

**# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Source ID P117 consists of following crushing, screening and conveying equipment:

- (1) One (1) Cedar Rapids Grizzly Feeder, 52"
- (2) One (1) 5348 Cedar Rapids Impactor, 53"x48"
- (3) One (1) L. B. Smith Conveyor, 48"x29'
- (4) One (1) L. B. Smith Radial Stacker, 42"x100'
- (5) One (1) Simplicity Screen, 5'x12'
- (6) One (1) Bin Conveyor, 30"x63'
- (7) One (1) L. B. Smith Conveyor, 42"x108'
- (8) One (1) Conveyor (manufacturer unknown), 24"x100'
- (9) One (1) Eagle Screw, 44"x25'
- (10) One (1) Conveyor (manufacturer unknown), 24"x100'
- (11) One (1) L. B. Smith Flat, 42"x100'
- (12) One (1) MEI Flat Conveyor, 36"x63'
- (13) One (1) 36" Radial Stacker, 36"x90'
- (14) One (1) 3645 Cedar Rapids Double Impact Crusher, 36"x45"
- (15) One (1) Conveyor (manufacturer unknown), 36"x100'
- (16) One (1) Triple Deck Screen (manufacturer unknown), 6'x20'

Any of the above equipment of Source ID P117 can be replaced without obtaining plan approval provided that the replacement equipment is of equal or smaller size as defined in Subpart OOO of the federal Standards of Performance for New Stationary Sources, 40 CFR 60.670-60.676, and provided that the replacement equipment is of equivalent design and function (i.e. a conveyor may be replaced with a conveyor, etc.)

**# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit conditions is also derived from 25 Pa. Code Sections 127.1 and 127.12]

ID C03 associated with Source ID P117 shall be connected to an on-demand water source capable of delivering an adequate supply of water at any time the respective equipment is in operation. On-demand shall be interpreted as meaning that adequate water can be provided to all spray nozzles at any time with no more effort than turning a valve. If at any time ID C03 associated with Source ID P117 is unable to provide adequate supply of water due to freezing weather or any other reason the company shall immediately cease operation of equipment of Source ID P117.

**SECTION D. Source Level Requirements****# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Equipment of Source ID P117 are subject to 40 CFR Part 60, Subpart OOO. The permittee shall comply with all applicable requirements of 40 CFR Part 60, Subpart OOO, Section 60.670-60.676.



**SECTION E. Source Group Restrictions.**



**SECTION F. Alternative Operation Requirements.**

No Alternative Operations exist for this State Only facility.





**SECTION G. Emission Restriction Summary.**

No emission restrictions listed in this section of the permit.

**SECTION H. Miscellaneous.**

The following air contaminant sources are considered to the Department to be insignificant with regards to air contaminant emissions and determined to be exempt from permitting requirements. However, this determination does not exempt the sources from compliance with all applicable State and Federal regulation and all applicable regulations specified in 25 Pa. Code Chapters 121-145:

- (a) one (1) portable generator, diesel fired, Mosa, model GY6000DL, rated at 6kW, Hitachi engine,
- (b) one (1) gasoline storage tank, 1000 gallons, above ground,
- (c) five (5) crank oil storage tanks, 275 gallons each, above ground,
- (d) one (1) MasterCat 4204 cationic polymer storage tank, 275 gallons, above ground,
- (e) one (1) kerosene storage tank, 275 gallons, above ground,
- (f) one (1) waste oil storage tank, 275 gallons, above ground,
- (g) one (1) waste oil storage tank, 5000 gallons, under ground,
- (h) six (6) MAP gas torches, acetylene fired,
- (i) one (1) waste oil furnace, Reznor, model RAD-350, 0.350 MMBTU/hr, installed 2000,
- (j) three (3) combustion units, natural gas fired, total rated input of 0.100 MMBTU/hr, which consist of the following:
  - (1) one (1) space heater, 0.020 MMBTU/hr, located in office,
  - (2) one (1) space heater, 0.010 MMBTU/hr, located in office,
  - (3) one (1) torpedo tube, Reddy, model 0.070 MMBTU/hr, located in shop area.



\*\*\*\*\* End of Report \*\*\*\*\*

