



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

STATE ONLY SYNTHETIC MINOR OPERATING PERMIT

Issue Date: March 10, 2022

Effective Date: April 1, 2022

Expiration Date: March 31, 2027

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: 05-05023

Synthetic Minor

Federal Tax Id - Plant Code: 23-1374051-30

Owner Information

Name: NEW ENTERPRISE STONE & LIME CO INC

Mailing Address: PO BOX 77

NEW ENTERPRISE, PA 16664-0077

Plant Information

Plant: NEW ENTERPRISE STONE/ASHCOM

Location: 05 Bedford County

05930 Snake Spring Township

SIC Code: 1422 Mining - Crushed And Broken Limestone

Responsible Official

Name: PAUL I DETWILER III

Title: PRES

Phone: (814) 766 - 2211

Email:

Permit Contact Person

Name: CAROLYN SPEICHER

Title: ENV MGR

Phone: (814) 766 - 2211

Email: cspeicher@nesl.com

[Signature] _____

WILLIAM R. WEAVER, SOUTH CENTRAL REGION AIR PROGRAM MANAGER



SECTION A. Table of Contents

Section A. Facility/Source Identification

Table of Contents
Site Inventory List

Section B. General State Only Requirements

- #001 Definitions.
- #002 Operating Permit Duration.
- #003 Permit Renewal.
- #004 Operating Permit Fees under Subchapter I.
- #005 Transfer of Operating Permits.
- #006 Inspection and Entry.
- #007 Compliance Requirements.
- #008 Need to Halt or Reduce Activity Not a Defense.
- #009 Duty to Provide Information.
- #010 Revising an Operating Permit for Cause.
- #011 Operating Permit Modifications
- #012 Severability Clause.
- #013 De Minimis Emission Increases.
- #014 Operational Flexibility.
- #015 Reactivation
- #016 Health Risk-based Emission Standards and Operating Practice Requirements.
- #017 Circumvention.
- #018 Reporting Requirements.
- #019 Sampling, Testing and Monitoring Procedures.
- #020 Recordkeeping.
- #021 Property Rights.
- #022 Alternative Operating Scenarios.
- #023 Reporting
- #024 Report Format

Section C. Site Level State Only Requirements

- C-I: Restrictions
- C-II: Testing Requirements
- C-III: Monitoring Requirements
- C-IV: Recordkeeping Requirements
- C-V: Reporting Requirements
- C-VI: Work Practice Standards
- C-VII: Additional Requirements
- C-VIII: Compliance Certification
- C-IX: Compliance Schedule

Section D. Source Level State Only Requirements

- D-I: Restrictions
- D-II: Testing Requirements
- D-III: Monitoring Requirements
- D-IV: Recordkeeping Requirements
- D-V: Reporting Requirements
- D-VI: Work Practice Standards
- D-VII: Additional Requirements

Note: These same sub-sections are repeated for each source!

Section E. Source Group Restrictions

- E-I: Restrictions



SECTION A. Table of Contents

- E-II: Testing Requirements
- E-III: Monitoring Requirements
- E-IV: Recordkeeping Requirements
- E-V: Reporting Requirements
- E-VI: Work Practice Standards
- E-VII: Additional Requirements

Section F. Alternative Operating Scenario(s)

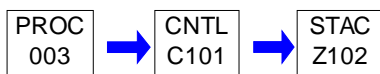
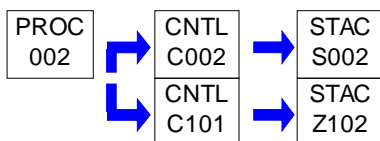
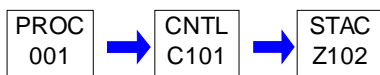
- F-I: Restrictions
- F-II: Testing Requirements
- F-III: Monitoring Requirements
- F-IV: Recordkeeping Requirements
- F-V: Reporting Requirements
- F-VI: Work Practice Standards
- F-VII: Additional Requirements

Section G. Emission Restriction Summary

Section H. Miscellaneous

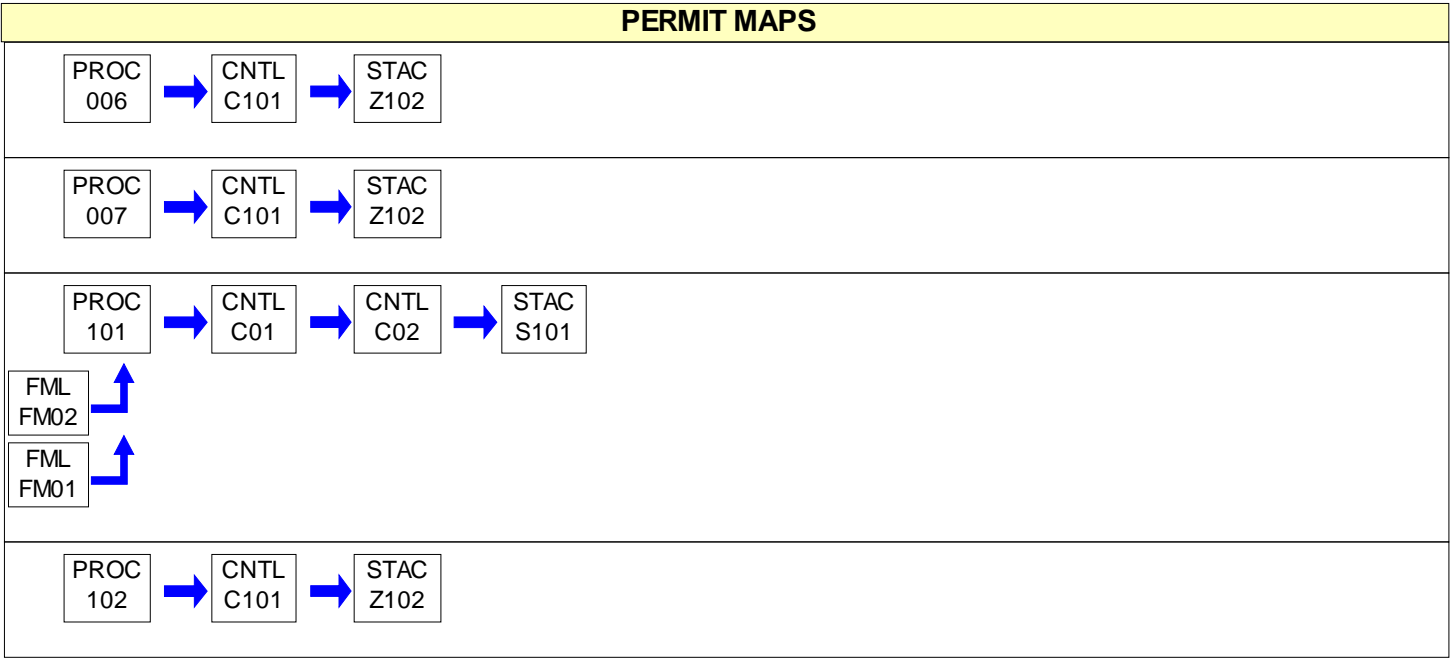
**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
001	LIMESTONE CRUSHING OPERATION		
002	SECONDARY LIMESTONE CRUSHING PLANT		
003	LIMESTONE CRUSHING & WASH PLANT		
004	LIMESTONE PULV AND TRUCK LOADOUT		
005	CONCRETE PLANT		
006	PORTABLE CRUSHING PLANT 1		
007	PORTABLE CRUSHING PLANT 2		
101	ASPHALT BATCH PLANT	500.000 Tons/HR	ASPHALTIC CONCRETE
102	RAP CRUSHING PLANT	100.000 Tons/HR	RAP
C002	AEROPULSE FABRIC COLLECTOR		
C004	LIMESTONE PULV AND TRUCK LOADOUT FABRIC FILTERS		
C005	CONCRETE PLANT FABRIC FILTERS		
C01	ASTEC HORIZONTAL CYCLONE		
C02	ASTEC BAGHOUSE		
C101	WET SUPPRESSION SYSTEM		
FM01	NO. 2 FUEL OIL		
FM02	WASTE DERIVED LIQUID FUEL (WDLF)		
S002	AEROPULSE FABRIC COLLECTOR STACK		
S004	LIMESTONE PULV AND TRUCK LOADOUT STACK		
S005	CONCRETE PLANT STACK		
S101	ASPHALT PLANT STACK		
Z102	RAP CRUSHING FUGITIVE 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_x from a single source during the term of the permit and 5 tons of NO_x 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 PM₁₀ from a single source during the term of the permit and 3.0 tons of PM₁₀ 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 shall permit the emission into the outdoor atmosphere of any fugitive air contaminant from a source other than the following:

- (a) Construction or demolition of buildings or structures.
- (b) Grading, paving and maintenance of roads and streets.
- (c) 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.
- (d) Clearing of land.
- (e) Stockpiling of materials.
- (f) Open burning operations.
- (g) Sources and classes of sources other than those identified above, for which the operator has obtained a determination from the Department that fugitive emissions from the source, after appropriate control, meet the following requirements:
 - (1) the emissions are of minor significance with respect to causing air pollution;
 - (2) the emissions are not preventing or interfering with the attainment or maintenance of any ambient air standard.

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

No person shall permit the emission of fugitive particulate matter into the outdoor atmosphere from a source specified in Section C, Condition #001 if the emissions are visible at the point the emissions pass outside the person's property.

003 [25 Pa. Code §123.31]**Limitations**

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

004 [25 Pa. Code §123.41]**Limitations**

No person shall 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.

005 [25 Pa. Code §123.42]**Exceptions**

The emission limitations of Section 123.41 shall not apply when:

- (1) The presence of uncombined water vapor is the only reason for failure of the emission to meet the limitations;
- (2) The emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions;
- (3) The emission results from sources specified in Section C, Condition #001 (relating to prohibition of certain fugitive emissions).

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

The permittee shall limit the facility's total actual emissions below the following levels to maintain the facility's Title V synthetic minor status:

- (a) 100 tons per year of sulfur oxides
- (b) 100 tons per year of nitrogen oxides
- (c) 100 tons per year of carbon monoxide
- (d) 100 tons per year of PM-10 (particulate matter with an effective aerodynamic diameter of less than or equal to a nominal 10 micrometer body as measured by the applicable reference method or an equal method)
- (e) 50 tons per year of volatile organic compounds
- (f) 10 tons per year of any individual hazardous air pollutant
- (g) 25 tons per year of total combined hazardous air pollutants

The above emission limits are based upon a 12-month rolling average and apply to each consecutive 12-month period.

007 [25 Pa. Code §129.14]**Open burning operations**

(a) No person shall conduct the open burning of materials in such a manner that:

- (1) The emissions are visible, at any time, at the point such emissions pass outside the property of the person on whose land the open burning is being conducted.
- (2) Malodorous air contaminants from the open burning are detectable outside the property of the person on whose land the open burning is being conducted.
- (3) The emissions interfere with the reasonable enjoyment of life or property.
- (4) The emissions cause damage to vegetation or property.
- (5) The emissions are or may be deleterious to human or animal health.

(b) The requirements of Section (a), above, do not apply when the open burning operations result from:

- (1) A fire set to prevent or abate a fire hazard, when approved by the Department and set by or under the supervision of a public officer.
- (2) A fire set for the purpose of instructing personnel in fire fighting, when approved by the Department.
- (3) A fire set for the prevention and control of disease or pests, when approved by the Department.
- (4) A fire set solely for recreational or ceremonial purposes.
- (5) A fire set solely for cooking food.

(c) This permit does not constitute authorization to burn solid waste pursuant to Section 610 (3) of the Solid Waste Management Act, 35 P.S. Section 6018.610 (3), or any other provision of the Solid Waste Management Act.

**SECTION C. Site Level Requirements****II. TESTING REQUIREMENTS.****# 008 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The Department reserves the right to require exhaust stack testing of the sources and control devices referenced in this permit to measure emissions for purposes including verification of permit condition compliance and estimation of annual air emissions.

009 [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 such sources. In the request, the Department will set forth the time period in which the facilities shall be provided, as well as the specifications for the facilities.

010 [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 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, at 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 throughput rate of foundry production, and other conditions which may affect emissions from the process.
- (3) The location of the sampling ports.
- (4) Effluent characteristics, including velocity, temperature, moisture content, gas density (percentage CO, CO₂, O₂, and N₂), 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.**# 011 [25 Pa. Code §123.43]****Measuring techniques**

Visible air contaminants 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 certified in EPA Method 9, to measure plume opacity with the naked eye or with the aid of any devices approved by the Department.

012 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall conduct a monthly inspection around the plant periphery during daylight hours when the plant is in production to detect visible stack emissions, fugitive visible emissions and malodorous air emissions as follows:

- (a) Stack emissions in excess of the limits stated in Section C, Condition #004. Visible stack emissions may be

**SECTION C. Site Level Requirements**

measured according to the methods specified in Section C, Condition #010, or alternatively, plant personnel who observe visible stack emissions may report the incidence of visible stack emissions to the Department within two (2) hours of the incident and make arrangements for a certified observer to measure the visible stack emissions.

- (b) The presence of fugitive visible emissions as stated in Section C, Condition #002.
- (c) The presence of malodorous air emissions beyond the plant boundaries as stated in Section C, Condition #003.

IV. RECORDKEEPING REQUIREMENTS.**# 013 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall maintain records of monthly inspections conducted in accordance with Section C, Condition #011. At a minimum, these records shall include the following information:

- (1) The name of the company representative conducting each inspection.
- (2) The date and time of each inspection.
- (3) The wind direction during each inspection.
- (4) A description of the emissions and/or malodors observed and the actions taken to mitigate them.

The permittee shall maintain these records for a minimum of five (5) years and shall make them available to Department representatives upon request.

V. REPORTING REQUIREMENTS.**# 014 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 135.3]

The permittee shall submit the annual report required by Section B to the Air Quality District Supervisor and shall include the following:

- (a) monthly fuel consumption for each type of fuel oil
- (b) monthly asphalt production
- (c) annual emissions of each of the pollutants listed in Section C, Condition #006

015 [25 Pa. Code §127.442]**Reporting requirements.**

The permittee shall report malfunctions to the Department. As defined in 40 CFR Section 60.2 and incorporated by reference in 25 Pa. Code Chapter 122, a malfunction is a 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. Failures that are caused in part by poor maintenance or careless operation are not malfunctions. Malfunctions shall be reported as follows:

- (a) Malfunctions which pose an imminent danger to public health, safety, welfare and the environment, shall be immediately reported to the Department by telephone. The telephone report of such malfunctions shall occur no later than two hours after discovery of the incident. Telephone reports can be made to the Air Quality Program at 814-946-7294 during normal business hours, or to the Department's Emergency Hotline at any time. The Emergency Hotline phone number is changed/updated periodically. The current Emergency Hotline phone number can be found at <https://www.dep.pa.gov/About/Regional/SouthcentralRegion/Pages/default.aspx>.
- (b) Unless otherwise required by this permit, any other malfunction that is not subject to the reporting requirement of subsection (a) above, shall be reported to the Department, in writing, within five (5) days of malfunction discovery.

**SECTION C. Site Level Requirements****VI. WORK PRACTICE REQUIREMENTS.****# 016 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

The permittee shall take all reasonable actions to prevent particulate matter from the sources identified in Section C, Condition #001 (a) through (e) from becoming airborne. The actions shall include, but are not 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, materials 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.

017 [25 Pa. Code §127.444]**Compliance requirements.**

The permittee shall operate and maintain the emission sources and air cleaning devices referenced in this permit in accordance with the manufacturer's general recommendations and good air pollution control practices.

VII. ADDITIONAL REQUIREMENTS.

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

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.

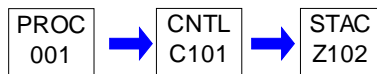
**SECTION D. Source Level Requirements**

Source ID: 001

Source Name: LIMESTONE CRUSHING OPERATION

Source Capacity/Throughput:

Conditions for this source occur in the following groups: 002

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

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) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

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

[Additional authority for this permit condition is derived from OP 05-310-010D.]

The permittee shall operate Source 001's wet suppression system on any occasions that the respective sources are operated. Operation without simultaneous operation of the wet suppression system can take place only in those unusual instances where processed materials contain sufficient moisture so as not to create air contaminant emissions in excess of the limitations and standards of this permit. If, however, the wet suppression system is incapable of operation due to weather conditions or any other reason, the permittee may not operate the plant.

The permittee shall operate control device C101 in accordance with manufacturer's specification and good air pollution control practices.

VII. ADDITIONAL REQUIREMENTS.**# 002 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4]****Subpart A - General Provisions****Address.**

Source 001 equipment constructed after August 31, 1983 are subject to 40 CFR Part 60, Subpart 000 - Standards of Performance for Nonmetallic Mineral Processing Plants. The permittee shall comply with 40 CFR Section 60.4, which

**SECTION D. Source Level Requirements**

requires submission of copies of all requests, reports, applications, submittals, and other communications to both the EPA and the Department. The EPA copies shall be forwarded to:

Director
Air, Toxics and Radiation Division
US EPA Region III (3AP00)
1650 Arch Street
Philadelphia, PA 19103-2029

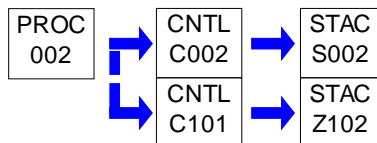
**SECTION D. Source Level Requirements**

Source ID: 002

Source Name: SECONDARY LIMESTONE CRUSHING PLANT

Source Capacity/Throughput:

Conditions for this source occur in the following groups: 002

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

001 [25 Pa. Code §123.13]

Processes

No person may permit the emission into the outdoor atmosphere of particulate matter from this source in excess of 0.04 grain per dry standard cubic foot when the effluent gas volume is less than 150,000 dry standard cubic feet per minute.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall permanently install a device to continuously monitor the pressure drop across control device C002.

IV. RECORDKEEPING REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain a record of pressure drops across control device C002. Pressure drop readings shall be taken a minimum of once per week.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from OP 05-310-011A]

The permittee shall operate Source 002's fabric filter collector at all times Source 002 is operating.

The permittee shall operate Source 002's fabric filter collector in accordance with the manufacturer's specifications and good air pollution control practices.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from OP 05-310-011A]

**SECTION D. Source Level Requirements**

The permittee shall operate Source 002's wet suppression system on any occasions that the respective sources are operated. Operation without simultaneous operation of the wet suppression system can take place only in those unusual instances where processed materials contain sufficient moisture so as not to create air contaminant emissions in excess of the limitations and standards of this permit. If, however, the wet suppression system is incapable of operation due to weather conditions or any other reason, the permittee may not operate the plant.

The permittee shall operate control device C101 in accordance with manufacturer's specification and good air pollution control practices.

VII. ADDITIONAL REQUIREMENTS.**# 006 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4]****Subpart A - General Provisions****Address.**

Source 002 equipment constructed after August 31, 1983 are subject to 40 CFR Part 60, Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants. The permittee shall comply with 40 CFR Section 60.4, which requires submission of copies of all requests, reports, applications, submittals, and other communications to both the EPA and the Department. The EPA copies shall be forwarded to:

Director
Air, Toxics and Radiation Division
US EPA Region III (3AP00)
1650 Arch Street
Philadelphia, PA 19103-2029

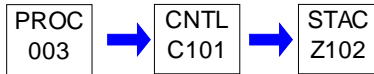
**SECTION D. Source Level Requirements**

Source ID: 003

Source Name: LIMESTONE CRUSHING & WASH PLANT

Source Capacity/Throughput:

Conditions for this source occur in the following groups: 002

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

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) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

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

[Additional authority for this permit condition is derived from OP 05-310-016.]

The permittee shall operate Source 003's wet suppression system on any occasions that the respective sources are operated. Operation without simultaneous operation of the wet suppression system can take place only in those unusual instances where processed materials contain sufficient moisture so as not to create air contaminant emissions in excess of the limitations and standards of this permit. If, however, the wet suppression system is incapable of operation due to weather conditions or any other reason, the permittee may not operate the plant.

The permittee shall operate control device C101 in accordance with manufacturer's specifications and good air pollution control practices.

VII. ADDITIONAL REQUIREMENTS.**# 002 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4]****Subpart A - General Provisions****Address.**

Source 003 equipment constructed after August 31, 1983 are subject to 40 CFR Part 60, Subpart 000 - Standards of Performance for Nonmetallic Mineral Processing Plants. The permittee shall comply with 40 CFR Section 60.4, which

**SECTION D. Source Level Requirements**

requires submission of copies of all requests, reports, applications, submittals, and other communications to both the EPA and the Department. The EPA copies shall be forwarded to:

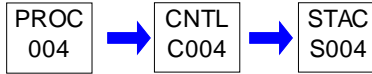
Director
Air, Toxics and Radiation Division
US EPA Region III (3AP00)
1650 Arch Street
Philadelphia, PA 19103-2029

**SECTION D. Source Level Requirements**

Source ID: 004

Source Name: LIMESTONE PULV AND TRUCK LOADOUT

Source Capacity/Throughput:

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

001 [25 Pa. Code §123.13]

Processes

No person may permit the emission into the outdoor atmosphere of particulate matter from this source in excess of 0.04 grains per dry standard cubic feet when the effluent gas volume is less than 150,000 dry standard cubic feet per minute.

Fuel Restriction(s).

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from OP 05-309-002F.]

The sulfur content of the fuel used by Source 004 shall not exceed 0.5% by weight as fired.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The following conditions apply to the use of Waste Derived Liquid Fuels (WDLF) in Source 004:

1. Contaminant Limits: The permittee shall not accept at the facility any recycled/reprocessed oil which is represented by the oil supplier as failing to meet the following standards, or for which the facility does not have documentation from the waste oil supplier regarding the following standards:

Constituent/Property	Limitation Level	Analytical Technique*
Arsenic	less than or equal to 5 mg/kg	SW-846 Method (ICP/AA)
Cadmium	less than or equal to 2 mg/kg	SW-846 Method (ICP/AA)
Chromium	less than or equal to 10 mg/kg	SW-846 Method (ICP/AA)
Lead	less than or equal to 100 mg/kg	SW-846 Method (ICP/AA)
Total Halides (TX)	less than or equal to 1,000 mg/kg	SW-846 Method 9076
PCB	not detectable **	SW-846 Method (H2SO4 ex. /GC w/elec. cap.)
Flash Point	greater than or equal to 100 degrees F.	ASTM D93***

* Utilize the current and most applicable SW-846 method to test for the target analyte and the limitation level. Alternative methods may be used when approved in writing by the Department.

** PCBs shall not be present in a quantifiable level, defined in 40 CFR 761.1 as 2 micrograms per gram from any resolvable gas chromatographic peak, i.e. 2 mg/kg.

*** Utilize the ASTM method listed or the current version.

2. TX Screening: Prior to accepting each shipment of recycled/reprocessed oil delivered to the facility, the permittee shall test each shipment for total halides using EPA Reference Method 9077, or an alternate test method if approved in writing by the Department. If the test of any shipment reveals total halides in excess of 1,000 mg/kg, then the permittee shall refuse to accept the shipment. The permittee shall keep records of the results of sampling required by this condition for at least two years.

3. Taking and Retaining Samples: The permittee shall take and retain a sample of each shipment of recycled/reprocessed oil that is delivered to the facility. The samples shall be retained on-site for at least six months and shall be made available to the Department upon request. The samples are to be sealed and identified with the identity of the oil supplier, the date of

**SECTION D. Source Level Requirements**

delivery, the delivery invoice number and the total gallons of oil in the shipment.

4. PCB/Metals/TX/Flash Point Auditing: For at least 1 out of every 15 shipments of recycled/reprocessed oil received at the facility, the permittee shall take an additional sample for the purpose of conducting a complete analysis for all the constituents/properties listed in 1., above*. The permittee shall use test methods specified in 1., above, unless an alternate test method has been approved in writing by the Department. The permittee may accept the oil that is the subject of such analysis and may use oil from any tank to which such oil has been added, for up to 15 days from the date of delivery of the relevant shipment, pending receipt of the analysis results. If the analysis results show exceedences of any of the limits listed in 1., above, then the permittee shall cease using recycled reprocessed oil from the tank(s) in which the relevant shipment was placed, and shall not resume using oil from the tank(s) until either:

(a) the Department has granted written approval to resume use of the oil based on an alternate demonstration of acceptability of the oil in the tank(s) for use as fuel at the facility, or

(b) the oil remaining in the tank(s) has been re-sampled and

i. if the re-sample meets the limits in 1., above, the Department has granted written permission to resume using the oil, or

ii. if the re-sample fails to meet the limits in 1., above, the Department has granted written permission to resume using the tank(s) after the permittee has emptied the oil from the tank(s) and has made proper disposal arrangements.

The permittee shall cease using the oil from such tank(s) not later than 2 hours after making the original determination, or having had reasonable opportunity to make the determination that contaminated waste oil was placed in the tanks. The permittee shall keep records of the results of sampling required by this condition for at least two years.

*Upon successful demonstration for each supplier of their accuracy in ensuring delivery of on-specification WDLF fuel for eight (8) consecutive samples, the auditing frequency may be decreased by the Department.

NOTE: On December 8, 2008; the Department approved a modification to the audit frequency which revised it to at least 1 out of 60 shipments of WDLF. If at any time, any of the analyses conducted after said modification, are shown to be out of compliance with any WDLF specifications, the audit testing frequency rate will again default to testing at least 1 out of 15 shipments.

5. Department Sampling: If the analysis results from any random tank sampling conducted by the Department show exceedences of any of the limits listed in 1., above, then the permittee shall cease using recycled/reprocessed oil from the affected tank(s) and shall not resume using oil from the tank(s) until either

a. the Department has granted written approval to resume use of the oil based on an alternate demonstration of compliance for the original sample, or

b. the Department has granted written permission to resume placing oil in the tank(s) after the permittee has emptied the contaminated oil from the tank(s) and has made proper disposal arrangements.

The permittee shall cease using the oil from such tank(s) not later than 2 hours after receiving notification from the Department of the exceedence.

6. Limitations: This permit shall not be construed to authorize the permittee to transport, treat, process or refine waste oil, or to blend off-specification waste oil with other oil for the purpose of producing an on-specification mixture.

Operation Hours Restriction(s).

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The rotary dryer's operating hours shall be limited to less than 500 hours in any 12 consecutive month period.

**SECTION D. Source Level 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.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall permanently install devices to continuously monitor the pressure drop across the control devices that make up control device C004.

IV. RECORDKEEPING REQUIREMENTS.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain a record of pressure drops across the control devices that make up control device C004. Pressure drop readings shall be taken a minimum of once per week.

V. REPORTING REQUIREMENTS.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from OP 05-309-002F.]

An annual report of fuel usage is to be submitted to the Air Quality District Supervisor. The report for the previous calendar year is due no later than March 15 each year.

VI. WORK PRACTICE REQUIREMENTS.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from OP 05-309-002F]

The permittee shall operate Source 004's fabric filter collectors at all times Source 004 is operating.

The permittee shall operate Source 004's fabric filter collectors in accordance with the manufacturer's specifications and air pollution control practices.

VII. ADDITIONAL REQUIREMENTS.

009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The Waste Derived Liquid Fuels (WDLF) deliveries used by Source 004 are shared with the batch asphalt plant authorized for operation under OP 05-05023 at the same site. The requirements as listed in Section D, Condition #003 for Source 004 may be shared for both sources.

**SECTION D. Source Level Requirements**

Source ID: 005

Source Name: CONCRETE PLANT

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.

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

**SECTION D. Source Level Requirements**

Source ID: 006

Source Name: PORTABLE CRUSHING PLANT 1

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 permittee shall operate Source 006's wet suppression system on any occasions that the respective sources are operated. Operation without simultaneous operation of the wet suppression system can take place only in those unusual instances where processed materials contain sufficient moisture so as not to create air contaminant emissions in excess of the limitations and standards of this permit. If, however, the wet suppression system is incapable of operation due to weather conditions or any other reason, the permittee may not operate the plant.

The permittee shall operate control device C101 in accordance with manufacturer's specifications and good air pollution control practices.

VII. ADDITIONAL REQUIREMENTS.

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

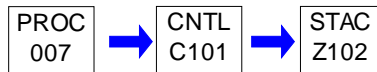
**SECTION D. Source Level Requirements**

Source ID: 007

Source Name: PORTABLE CRUSHING PLANT 2

Source Capacity/Throughput:

Conditions for this source occur in the following groups: 002

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

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) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

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

The permittee shall operate Source 007's wet suppression system on any occasions that the respective sources are operated. Operation without simultaneous operation of the wet suppression system can take place only in those unusual instances where processed materials contain sufficient moisture so as not to create air contaminant emissions in excess of the limitations and standards of this permit. If, however, the wet suppression system is incapable of operation due to weather conditions or any other reason, the permittee may not operate the plant.

The permittee shall operate control device C101 in accordance with manufacturer's specifications and good air pollution control practices.

VII. ADDITIONAL REQUIREMENTS.**# 002 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4]****Subpart A - General Provisions****Address.**

Source 007 equipment constructed after August 31, 1983 are subject to 40 CFR Part 60, Subpart 000 - Standards of Performance for Nonmetallic Mineral Processing Plants. The permittee shall comply with 40 CFR Section 60.4, which requires submission of copies of all requests, reports, applications, submittals, and other communications to both the EPA and the Department. The EPA copies shall be forwarded to:

**SECTION D. Source Level Requirements**

Director
Air, Toxics and Radiation Division
US EPA Region III
1650 Arch Street (3AP00)
Philadelphia, PA 19103-2029

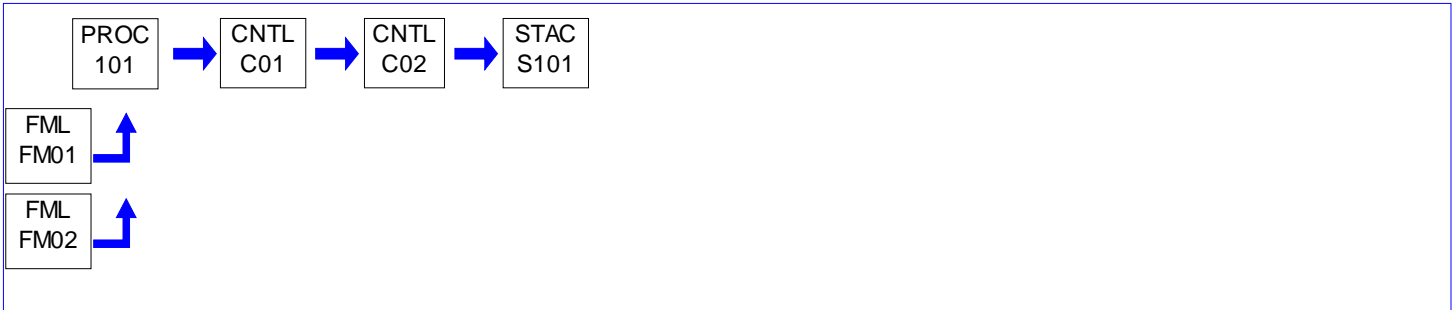
**SECTION D. Source Level Requirements**

Source ID: 101

Source Name: ASPHALT BATCH PLANT

Source Capacity/Throughput: 500.000 Tons/HR ASPHALTIC CONCRETE

Conditions for this source occur in the following groups: 001

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.21]****General**

Sulfur oxides emissions, expressed as sulfur dioxide, in the effluent gas from the Source ID 101 asphalt batch plant shall not exceed 500 parts per million, by volume, dry basis.

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

Particulate matter emissions from the Source ID C02 Astec baghouse shall not exceed 0.02 grains per dry standard cubic foot of exhaust gas.

Fuel Restriction(s).**# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The sulfur content of the fuel oil used by Source ID 101 asphalt batch plant shall not exceed 0.5% by weight as fired.

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

The following conditions apply to the use of Waste Derived Liquid Fuels (WDLF) in Source 101, Asphalt Batch Plant:

1. Contaminant Limits: The permittee shall not accept at the facility any WDLF which is represented by the oil supplier as failing to meet the following standards, or for which the facility does not have documentation from the waste oil supplier regarding the following standards:

Constituent/Property	Limitation Level	Analytical Technique*
Arsenic	less than or equal to 5 ppmw	EPA Method 6010, 6020, 7010, 7061, or 7062
Cadmium	less than or equal to 2 ppmw	EPA Method 6010, 6020, 7000, or 7010
Chromium	less than or equal to 10 ppmw	EPA Method 6010, 7000, or 7010
Lead	less than or equal to 100 ppmw	EPA Method 6010, 7000, or 7010
Total Halides (TX)	less than or equal to 1,000 ppmw	EPA Method 9075, 9076, or 9077
PCB	not detectable **	EPA Method 8082
Flash Point	greater than or equal to 100 degrees F.	EPA Method 1010 or ASTM D93
Ash	Less than or equal to 1.0% (by weight)	ASTM D482
Btu	greater than or equal to 8,000 Btu/lb	

* Alternative methods may be used when approved in writing by the Department.

** PCBs shall not be present in a quantifiable level, defined in 40 CFR 761.1 as 2 micrograms per gram from any

**SECTION D. Source Level Requirements**

resolvable gas chromatographic peak, i.e. < 2 ppmw.

2. The owner or operator may not blend WDLF into existing fuel or burn WDLF by itself unless an analysis has been performed for the specified constituents and a copy of the analysis is available demonstrating that none of the levels cited in Condition 1, above, are exceeded before it is fired as fuel for the dryer. For each shipment of WDLF, a fuel specification sheet shall be obtained from the supplier. All such documents shall be kept at the facility for a period of three (3) years and shall be made available to the Department upon request.

3. TX Screening: Prior to accepting each shipment of WDLF delivered to the facility, the permittee shall test each shipment for total halides using EPA Reference Method 9077, or an alternate test method if approved in writing by the Department. If the test of any shipment reveals total halides in excess of 1,000 ppmw, then the permittee shall refuse to accept the shipment. The permittee shall keep records of the results of sampling required by this condition for at least two years.

4. Taking and Retaining Samples: The permittee shall take and retain a sample of each shipment of WDLF that is delivered to the facility. The samples shall be retained on-site for six months and shall be made available to the Department upon request. The samples are to be sealed and identified with the identity of the oil supplier, the date of delivery, the delivery invoice number and the total gallons of WDLF in the shipment.

5. PCB/Metals/TX/Flash Point Auditing: For at least 1 out of every 60 shipments of WDLF received at the facility, the permittee shall take an additional sample for the purpose of conducting a complete analysis for all the constituents/properties listed in 1. above. If any WDLF shipment or audit does not meet the constituent requirements, the auditing frequency shall decrease to 1 out of every 15 shipments until otherwise approved in writing by DEP. The permittee shall use test methods specified in 1., above, unless an alternate test method has been approved in writing by the Department. The permittee may accept the WDLF that is the subject of such analysis and may use WDLF from any tank to which such WDLF has been added, for up to 15 days from the date of delivery of the relevant shipment, pending receipt of the analysis results. If the analysis results show exceedences of any of the limits listed in 1., above, then the permittee shall cease using WDLF from the tank(s) in which the relevant shipment was placed, and shall not resume using WDLF from the tank(s) until either:

(a) the Department has granted written approval to resume use of the WDLF based on an alternate demonstration of acceptability of the WDLF in the tank(s) for use as fuel at the facility, or

(b) the WDLF remaining in the tank(s) has been re-sampled and

i. if the re-sample meets the limits in 1., above, the Department has granted written permission to resume using the WDLF, or

ii. if the re-sample fails to meet the limits in 1., above, the Department has granted written permission to resume using the tank(s) after the permittee has emptied the WDLF from the tank(s) and has made proper disposal arrangements.

The permittee shall cease using the WDLF from such tank(s) not later than 2 hours after making the original determination, or having had reasonable opportunity to make the determination that contaminated waste oil was placed in the tanks. The permittee shall keep records of the results of sampling required by this condition for at least two years.

Upon successful demonstration for each supplier of their accuracy in ensuring delivery of eight (8) consecutive samples of on-specification WDLF fuels that comply with limits listed in 1., above, the auditing frequency of shipments may be decreased by the Department. The auditing frequencies shall be determined for each individual supplier on a case-by-case basis depending on recorded compliance history and margin of compliance.

6. Department Sampling: If the analysis results from any random tank sampling conducted by the Department show exceedences of any of the limits listed in 1., above, then the permittee shall cease using WDLF from the affected tank(s) and shall not resume using WDLF from the tank(s) until either

a. the Department has granted written approval to resume use of the WDLF based on an alternate demonstration of compliance for the original sample, or

b. the Department has granted written permission to resume placing WDLF in the tank(s) after the permittee has emptied

**SECTION D. Source Level Requirements**

the contaminated WDLF from the tank(s) and has made proper disposal arrangements.

The permittee shall cease using the WDLF from such tank(s) not later than 2 hours after receiving notification from the Department of the exceedence.

7. Limitations: This permit shall not be construed to authorize the permittee to transport, treat, process or refine waste oil, or to blend off-specification waste oil with other oil for the purpose of producing an on-specification mixture.

Throughput Restriction(s).

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The asphalt production from the Source ID 101 asphalt batch plant shall be limited to less than 498,400 tons in any 12 consecutive month period.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

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) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

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) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

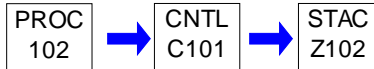
**SECTION D. Source Level Requirements**

Source ID: 102

Source Name: RAP CRUSHING PLANT

Source Capacity/Throughput: 100.000 Tons/HR RAP

Conditions for this source occur in the following groups: 002

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Recycled asphalt products (RAP) usage in the Source ID 101 asphalt plant shall not exceed 30% by weight of the aggregate feed.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

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) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

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) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

**SECTION E. Source Group Restrictions.**

Group Name: 001

Group Description: NSPS Subpart I - Hot Mix Asphalt Facilities

Sources included in this group

ID	Name
101	ASPHALT BATCH PLANT

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

Source ID 101 is subject to 40 CFR Part 60, Subpart I - Standards of Performance for Hot Mix Asphalt Facilities. The permittee shall comply with 40 CFR Section 60.4, which requires submission of copies of all requests, reports, applications, submittals, and other communications to both the U.S. EPA and the Department. The U.S. EPA copies shall be forwarded to:

Director
Air Protection Division
U.S. EPA, Region III
1650 Arch Street
Philadelphia, PA 19103-2029

The Department copies shall be forwarded to:

Regional Air Program Manager
PA Department of Environmental Protection
909 Elmerton Avenue
Harrisburg, PA 17110-8200

**SECTION E. Source Group Restrictions.**

In the event that any Federal Subpart referenced in this permit is revised, the permittee shall comply with the revised version of the subpart, and shall not be required to comply with any provisions in this permit designated as having the subpart as their authority, to the extent that such permit provisions would be inconsistent with the applicable provisions of the revised subpart.

002 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.90]**Subpart I - Standards of Performance for Hot Mix Asphalt Facilities****Applicability and designation of affected facility.**

§ 60.90 Applicability and designation of affected facility.

(a) The affected facility to which the provisions of this subpart apply is each hot mix asphalt facility. For the purpose of this subpart, a hot mix asphalt facility is comprised only of any combination of the following: dryers; systems for screening, handling, storing, and weighing hot aggregate; systems for loading, transferring, and storing mineral filler, systems for mixing hot mix asphalt; and the loading, transfer, and storage systems associated with emission control systems.

(b) Any facility under paragraph (a) of this section that commences construction or modification after June 11, 1973, is subject to the requirements of this subpart.

[42 FR 37936, July 25, 1977, as amended at 51 FR 12325, Apr. 10, 1986]

§ 60.91 Definitions. [INCORPORATED BY REFERENCE]

§ 60.92 Standard for particulate matter.

(a) On and after the date on which the performance test required to be conducted by § 60.8 is completed, no owner or operator subject to the provisions of this subpart shall discharge or cause the discharge into the atmosphere from any affected facility any gases which:

- (1) Contain particulate matter in excess of 90 mg/dscm (0.04 gr/dscf).
- (2) Exhibit 20 percent opacity, or greater.

[39 FR 9314, Mar. 8, 1974, as amended at 40 FR 46259, Oct. 6, 1975]

§ 60.93 Test methods and procedures.

(a) In conducting the performance tests required in § 60.8, the owner or operator shall use as reference methods and procedures the test methods in appendix A of this part or other methods and procedures as specified in this section, except as provided in § 60.8(b).

(b) The owner or operator shall determine compliance with the particulate matter standards in § 60.92 as follows:

- (1) Method 5 shall be used to determine the particulate matter concentration. The sampling time and sample volume for each run shall be at least 60 minutes and 0.90 dscm (31.8 dscf).
- (2) Method 9 and the procedures in § 60.11 shall be used to determine opacity.

[54 FR 6667, Feb. 14, 1989]

**SECTION E. Source Group Restrictions.**

Group Name: 002

Group Description: NSPS Subpart OOO - Nonmetallic Mineral Processing Plants

Sources included in this group

ID	Name
001	LIMESTONE CRUSHING OPERATION
002	SECONDARY LIMESTONE CRUSHING PLANT
003	LIMESTONE CRUSHING & WASH PLANT
007	PORTABLE CRUSHING PLANT 2
102	RAP CRUSHING PLANT

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 [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.**

§ 60.670 Applicability and designation of affected facility.

(a)

(1) Except as provided in paragraphs (a)(2), (b), (c), and (d) of this section, the provisions of this subpart are applicable to the following affected facilities in fixed or portable nonmetallic mineral processing plants: each crusher, grinding mill, screening operation, bucket elevator, belt conveyor, bagging operation, storage bin, enclosed truck or railcar loading station. Also, crushers and grinding mills at hot mix asphalt facilities that reduce the size of nonmetallic minerals embedded in recycled asphalt pavement and subsequent affected facilities up to, but not including, the first storage silo or bin are subject to the provisions of this subpart.

(2) [N/A - THE AFFECTED FACILITY IS NOT LOCATED IN AN UNDERGROUND MINE, A PLANT WITHOUT A CRUSHER OR GRINDING MILLS ABOVE GROUND AND WET MATERIAL PROCESSING OPERATIONS]

**SECTION E. Source Group Restrictions.**

(b) [N/A - THE AFFECTED FACILITY IS NOT SUBJECT TO THE PROVISIONS OF SUBPARTS F OR I]

(c) Facilities at the following plants are not subject to the provisions of this subpart:

(1) [N/A - THE AFFECTED FACILITY IS NOT A FIXED SAND AND GRAVEL PLANT AND CRUSHED STONE PLANT WITH CAPACITIES OF 25 TONS PER HOUR OR LESS];

(2) [N/A - THE AFFECTED FACILITY IS NOT A PORTABLE SAND AND GRAVEL PLANT AND CRUSHED STONE PLANT WITH CAPACITIES OF 150 TONS PER HOUR OR LESS]; and

(3) [N/A - THE AFFECTED FACILITY IS NOT A COMMON CLAY PLANT AND PUMICE PLANT WITH CAPACITIES OF 10 TONS PER HOUR OR LESS.]

§ 60.671 Definitions. [INCORPORATED BY REFERENCE]

§ 60.672 Standard for particulate matter (PM).

(a) [Source ID 002 FOR SUBPART 000 SOURCES CONTROLLED BY THE BAGHOUSE ONLY] Affected facilities must meet the stack emission limits and compliance requirements in Table 2 of this subpart within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup as required under § 60.8. The requirements in Table 2 of this subpart apply for affected facilities with capture systems used to capture and transport particulate matter to a control device.

Table 2 Annotated:

For affected facilities (as defined in §§ 60.670 and 60.671) that commenced construction, modification, or reconstruction after August 31, 1983 but before April 22, 2008;

The owner or operator must meet a PM limit of 0.022 grains per dry standard cubic foot and;

The owner or operator must meet an opacity limit of 7 percent for dry control devices.

[AN INITIAL PERFORMANCE TEST HAS BEEN COMPLETED]

(b) Affected facilities must meet the fugitive emission limits and compliance requirements in Table 3 of this subpart within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup as required under § 60.11. The requirements in Table 3 of this subpart apply for fugitive emissions from affected facilities without capture systems and for fugitive emissions escaping capture systems.

Table 3 Annotated:

For affected facilities (as defined in §§ 60.670 and 60.671) that commenced construction, modification, or reconstruction after August 31, 1983 but before April 22, 2008;

The owner or operator must meet the following fugitive emissions limit for grinding mills, screening operations, bucket elevators, transfer points on belt conveyors, bagging operations, storage bins, enclosed truck or railcar loading stations or from any other affected facility (as defined in §§ 60.670 and 60.671); 10 percent opacity;

The owner or operator must meet the following fugitive emissions limit for crushers at which a capture system is not used; 15 percent opacity;

[THE INITIAL PERFORMANCE TEST HAS BEEN COMPLETED]

(c) [Reserved]

(d) Truck dumping of nonmetallic minerals into any screening operation, feed hopper, or crusher is exempt from the requirements of this section.

**SECTION E. Source Group Restrictions.**

(e) If any transfer point on a conveyor belt or any other affected facility is enclosed in a building, then each enclosed affected facility must comply with the emission limits in paragraphs (a) and (b) of this section, or the building enclosing the affected facility or facilities must comply with the following emission limits:

(1) Fugitive emissions from the building openings (except for vents as defined in § 60.671) must not exceed 7 percent opacity; and

(2) Vents (as defined in § 60.671) in the building must meet the applicable stack emission limits and compliance requirements in Table 2 of this subpart.

(f) [THE BAGHOUSE DOES NOT CONTROL EMISSIONS FROM AN INDIVIDUAL, ENCLOSED STORAGE BIN]

§ 60.673 Reconstruction.

(a) The cost of replacement of ore-contact surfaces on processing equipment shall not be considered in calculating either the "fixed capital cost of the new components" or the "fixed capital cost that would be required to construct a comparable new facility" under § 60.15. Ore-contact surfaces are crushing surfaces; screen meshes, bars, and plates; conveyor belts; and elevator buckets.

(b) Under § 60.15, the "fixed capital cost of the new components" includes the fixed capital cost of all depreciable components (except components specified in paragraph (a) of this section) which are or will be replaced pursuant to all continuous programs of component replacement commenced within any 2-year period following August 31, 1983.

§ 60.674 Monitoring of operations.

(a) [N/A - THE AFFECTED FACILITY DOES NOT USE A WET SCRUBBER TO CONTROL EMISSIONS]

(b) [N/A - THE AFFECTED FACILITY COMMENCED CONSTRUCTION, MODIFICATION, OR RECONSTRUCTION PRIOR TO APRIL 22, 2008]

(c) [N/A - THE AFFECTED FACILITY COMMENCED CONSTRUCTION, MODIFICATION, OR RECONSTRUCTION PRIOR TO APRIL 22, 2008]

(d) [N/A - THE AFFECTED FACILITY COMMENCED CONSTRUCTION, MODIFICATION, OR RECONSTRUCTION PRIOR TO APRIL 22, 2008]

(e) [N/A - THE AFFECTED FACILITY COMMENCED CONSTRUCTION, MODIFICATION, OR RECONSTRUCTION PRIOR TO APRIL 22, 2008]

§ 60.675 Test methods and procedures.

(a) In conducting the performance tests required in § 60.8, the owner or operator shall use as reference methods and procedures the test methods in appendices A-1 through A-7 of this part or other methods and procedures as specified in this section, except as provided in § 60.8(b). Acceptable alternative methods and procedures are given in paragraph (e) of this section.

(b) The owner or operator shall determine compliance with the PM standards in § 60.672(a) as follows:

(1) Except as specified in paragraphs (e)(3) and (4) of this section, Method 5 of Appendix A-3 of this part or Method 17 of Appendix A-6 of this part shall be used to determine the particulate matter concentration. The sample volume shall be at least 1.70 dscm (60 dscf). For Method 5 (40 CFR part 60, Appendix A-3), if the gas stream being sampled is at ambient temperature, the sampling probe and filter may be operated without heaters. If the gas stream is above ambient temperature, the sampling probe and filter may be operated at a temperature high enough, but no higher than 121 °C (250 °F), to prevent water condensation on the filter.

(2) Method 9 of Appendix A-4 of this part and the procedures in § 60.11 shall be used to determine opacity.

**SECTION E. Source Group Restrictions.**

(c)

(1) In determining compliance with the particulate matter standards in § 60.672(b) or § 60.672(e)(1), the owner or operator shall use Method 9 of Appendix A-4 of this part and the procedures in § 60.11, with the following additions:

(i) The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet).

(ii) The observer shall, when possible, select a position that minimizes interference from other fugitive emission sources (e.g., road dust). The required observer position relative to the sun (Method 9 of Appendix A-4 of this part, Section 2.1) must be followed.

(iii) For affected facilities using wet dust suppression for particulate matter control, a visible mist is sometimes generated by the spray. The water mist must not be confused with particulate matter emissions and is not to be considered a visible emission. When a water mist of this nature is present, the observation of emissions is to be made at a point in the plume where the mist is no longer visible.

(2)

(i) [N/A - THE BAGHOUSE DOES NOT CONTROL EMISSIONS FROM AN INDIVIDUAL ENCLOSED STORAGE BIN]

(ii) [N/A - THE BAGHOUSE DOES NOT CONTROL EMISSIONS FROM AN INDIVIDUAL ENCLOSED STORAGE BIN]

(3) When determining compliance with the fugitive emissions standard for any affected facility described under § 60.672(b) or § 60.672(e)(1) of this subpart, the duration of the Method 9 (40 CFR part 60, Appendix A-4) observations must be 30 minutes (five 6-minute averages). Compliance with the applicable fugitive emission limits in Table 3 of this subpart must be based on the average of the five 6-minute averages.

(d) To demonstrate compliance with the fugitive emission limits for buildings specified in § 60.672(e)(1), the owner or operator must complete the testing specified in paragraph (d)(1) and (2) of this section. Performance tests must be conducted while all affected facilities inside the building are operating.

(1) [N/A - THE AFFECTED FACILITY COMMENCED CONSTRUCTION, MODIFICATION OR RECONSTRUCTION BEFORE APRIL 22, 2008]

(2) If the building encloses only affected facilities that commenced construction, modification, or reconstruction before April 22, 2008, and the owner or operator has previously conducted an initial Method 22 (40 CFR part 60, Appendix A-7) performance test showing zero visible emissions, then the owner or operator has demonstrated compliance with the opacity limit in § 60.672(e)(1). If the owner or operator has not conducted an initial performance test for the building before April 22, 2008, then the owner or operator must conduct an initial Method 9 (40 CFR part 60, Appendix A-4) performance test according to this section and § 60.11 to show compliance with the opacity limit in § 60.672(e)(1).

(e) The owner or operator may use the following as alternatives to the reference methods and procedures specified in this section:

(1) [N/A - THE EMISSIONS FROM TWO OR MORE FACILITIES DO NOT CONTINUOUSLY INTERFERE]

(2) A single visible emission observer may conduct visible emission observations for up to three fugitive, stack, or vent emission points within a 15-second interval if the following conditions are met:

(i) No more than three emission points may be read concurrently.

(ii) All three emission points must be within a 70 degree viewing sector or angle in front of the observer such that the proper sun position can be maintained for all three points.

(iii) If an opacity reading for any one of the three emission points equals or exceeds the applicable standard, then the observer must stop taking readings for the other two points and continue reading just that single point.

**SECTION E. Source Group Restrictions.**

(3) Method 5I of Appendix A-3 of this part may be used to determine the PM concentration as an alternative to the methods specified in paragraph (b)(1) of this section. Method 5I (40 CFR part 60, Appendix A-3) may be useful for affected facilities that operate for less than 1 hour at a time such as (but not limited to) storage bins or enclosed truck or railcar loading stations.

(4) In some cases, velocities of exhaust gases from building vents may be too low to measure accurately with the type S pitot tube specified in EPA Method 2 of Appendix A-1 of this part [i.e., velocity head $<1.3 \text{ mm H}_2\text{O}$ (0.05 in. H₂O)] and referred to in EPA Method 5 of Appendix A-3 of this part. For these conditions, the owner or operator may determine the average gas flow rate produced by the power fans (e.g., from vendor-supplied fan curves) to the building vent. The owner or operator may calculate the average gas velocity at the building vent measurement site using Equation 1 of this section and use this average velocity in determining and maintaining isokinetic sampling rates.

[SEE REGULATION FOR EQUATION]

(f) [N/A - THE AFFECTED FACILITY IS NOT SUBJECT TO 40 CFR PART § 60.676(d)]

(g) For performance tests involving only Method 9 (40 CFR part 60 Appendix A-4) testing, the owner or operator may reduce the 30-day advance notification of performance test in § 60.7(a)(6) and 60.8(d) to a 7-day advance notification.

(h) [Reserved]

(i) [N/A - THE AFFECTED FACILITY HAS ALREADY PERFORMED THE INITIAL PERFORMANCE TEST]

§ 60.676 Reporting and recordkeeping.

(a) Each owner or operator seeking to comply with § 60.670(d) shall submit to the Administrator the following information about the existing facility being replaced and the replacement piece of equipment.

(1) For a crusher, grinding mill, bucket elevator, bagging operation, or enclosed truck or railcar loading station:

- (i) The rated capacity in megagrams or tons per hour of the existing facility being replaced and
- (ii) The rated capacity in tons per hour of the replacement equipment.

(2) For a screening operation:

- (i) The total surface area of the top screen of the existing screening operation being replaced and
- (ii) The total surface area of the top screen of the replacement screening operation.

(3) For a conveyor belt:

- (i) The width of the existing belt being replaced and
- (ii) The width of the replacement conveyor belt.

(4) For a storage bin:

- (i) The rated capacity in megagrams or tons of the existing storage bin being replaced and
- (ii) The rated capacity in megagrams or tons of replacement storage bins.

(b)

(1) [N/A - THE AFFECTED FACILITY COMMENCED CONSTRUCTION, MODIFICATION, OR RECONSTRUCTION PRIOR TO APRIL 22, 2008]

**SECTION E. Source Group Restrictions.**

(2) [N/A - THE AFFECTED FACILITY DOES NOT OPERATE A BAG LEAK DETECTION SYSTEM]

(3) [N/A - THE AFFECTED FACILITY DOES NOT DEMONSTRATE COMPLIANCE BY FOLLOWING THE REQUIREMENTS OF SUBPART AAAAA]

(c) [N/A - THE AFFECTED FACILITY DOES NOT OPERATE A WET SCRUBBER]

(d) [N/A - THE AFFECTED FACILITY DOES NOT OPERATE A WET SCRUBBER]

(e) [N/A - THE AFFECTED FACILITY IS NOT SUBJECT TO PARAGRAPH (d)]

(f) The owner or operator of any affected facility shall submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in § 60.672 of this subpart, including reports of opacity observations made using Method 9 (40 CFR part 60, Appendix A-4) to demonstrate compliance with § 60.672(b), (e) and (f).

(g) [N/A - THE AFFECTED FACILITY IS NOT A WET MATERIAL PROCESSING OPERATION]

(h) The subpart A requirement under § 60.7(a)(1) for notification of the date construction or reconstruction commenced is waived for affected facilities under this subpart.

(i) [N/A - THE AFFECTED FACILITY IS AN EXISTING FACILITY]

(j) The requirements of this section remain in force until and unless the Agency, in delegating enforcement authority to a State under section 111(c) of the Act, approves reporting requirements or an alternative means of compliance surveillance adopted by such States. In that event, affected facilities within the State will be relieved of the obligation to comply with the reporting requirements of this section, provided that they comply with requirements established by the State.

(k) Notifications and reports required under this subpart and under subpart A of this part to demonstrate compliance with this subpart need only to be sent to the EPA Region or the State which has been delegated authority according to § 60.4(b).



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.**

#001. This facility operating permit incorporates State-Only Operating Permit No. 05-03010 and supersedes that permit.

#002. The following is a description of the equipment contained in each Source ID:

Source 001 - Limestone Crushing Operation (Previous OP 05-310-010D) is comprised of the following sources (Revised March 2013):

- Telsmith 50" x 60" Jaw Crusher (900 TPH)
- Deister 6' x 16' Movable Screen (900 TPH)
- Allis-Chalmers 2460 Gyratory Crusher (250 TPH)
- Telsmith 6' x 16' Double Deck Screen (200 TPH) - Subject to 40 CFR Part 60 Subpart OOO pre-April 22, 2008
- Product conveyors - the following are subject to 40 CFR Part 60 Subpart OOO pre April 22, 2008:
 - 36" x 91'
 - 36" x 133'
 - 36" x 141'

Source 002 - Secondary Limestone Crushing Plant - Chip Plant (Previous OP 05-310-011A) is comprised of the following sources:

- Steadman Impact Crusher (100 TPH) - Subject to 40 CFR Part 60 Subpart OOO pre-April 22, 2008
- Telsmith 6' x 16' Triple Deck Screen (150 TPH) - Subject to 40 CFR Part 60 Subpart OOO pre-April 22, 2008
- Two (2) Telsmith 36FC Cone Crushers (25 TPH each)
- Four (4) Product Conveyors
- Aeropulse Fabric Collector 270-10

Source 003 - Limestone Crushing and Wash Plant (Previous OP 05-310-016) is comprised of the following sources:

Limestone Crushing Plant

- Telsmith 5' x 12' Screen
- Allis-Chalmers 7-600 Gyratory Secondary Crusher (250 TPH) - Subject to 40 CFR Part 60 Subpart OOO pre-April 22, 2008
- Telsmith 8' x 24' Triple Deck Screen - Subject to 40 CFR Part 60 Subpart OOO pre-April 22, 2008
- Cemco Model 80 Vertical Impact Crusher (VSI) - Subject to 40 CFR Part 60 Subpart OOO pre-April 22, 2008
- Two (2) 24' and one (1) 30' conveyor belts

Wash Plant

- Telsmith 8' x 24' Triple Deck Screen (350 TPH) - Subpart to 40 CFR Part 60 Subpart OOO pre-April 22, 2008
- Cemco Vertical Shaft Impactor (VSI) Tertiary Crusher (100 TPH) - Subject to 40 CFR Part 60 Subpart OOO pre-April 22, 2008
- Wet Screw
- Conveyors
- Load out bin

Source 004 - Limestone Pulverizing and Truck Loadout (Previous OP 05-309-002F) consists of the following equipment:

- Pioneer Rotary Dryer
- Telsmith Cone Crusher
- Roller Mills (6) - [Raymond (1), Bradley Jr (3), Bradley 6000 (2)]
- Two (2) Screens (Midwestern)
- Durant Bagger
- Bemis Bagger
- Five (5) Truck Loadout bins and Spouts
- Eight (8) Storage Silos

Control Devices

- Pioneer Rotary Dryer System - Pulse King model M200S
- Pulverizing System - Pulse King Model M200S
- Screening, Bagging and Truck Loadout System - Aeropulse model 108-10
- Truck Loadout System - Aeropulse Model 144-10H
- Storage Silos (8) - CP Environmental Bin Vent (RFD 820, 9/20/2013)
- Ag Lime Milling System - Aeropulse Model PR-144-12

**SECTION H. Miscellaneous.**

Source 005 - Concrete Plant consists of the following sources:

- Large silo - 125 tons - controlled by Griffin JV-36-4X Bin vent filter and CP Env Bin vent filter
- Small silo - 94 tons - controlled by CP Env Bin vent filter
- Weigh Hopper controlled by MTM BFV 25 Weigh Hopper Filter
- Batch loading controlled by C & W CW-RA-140 Fabric Filter Collector

Source 006 - Portable Crushing Plant 1 (previous GP3-4-05-03010) consists of the following equipment:

- NES&L 40' x 54' Feeder
- Telsmith 3042 Jaw Crusher
- Deister 5' x 14' Screen
- Allis-Chalmers 1650 Gyratory Crusher
- Allis-Chalmers 751 Gyratory Crusher
- Seven (7) Barber-Greene Conveyors

Source 007 - Portable Crushing Plant 2 (previous GP3-5-05-03010) consists of the following equipment:

- Cemco Model 80 Vertical Shaft Impactor (VSI) Crusher - Subject to 40 CFR Part 60 Subpart OOO pre-April 22, 2008
- Five (5) Conveyor Belts; One (1) 48" belt and four (4) 30" belts

Source 101 - Asphalt Batch Plant is an Astec Industries, Model TS-60 batch plant with a rated capacity of 500 tph. Particulate is controlled by a cyclone operated in series with a baghouse. The asphalt batch plant consists of all equipment and necessary operations to produce asphaltic concrete including: material storage, piles and bins, material handling activities, weigh hoppers, conveyors, burners, fuel and asphalt storage tanks.

Source 102 - RAP Crushing Plant controls PM emissions using appropriately placed water sprays and consists of the following:

- Primary Sizer rated at 100 tph
- Primary Screen rated at 140 tph
- Secondary Crusher rated at 40 tph

#003. The following sources and activities are not subject to any specific work practice standards, testing, monitoring, recordkeeping or reporting requirements:

1. Air conditioning and ventilation systems
2. Office equipment
3. Janitorial equipment
4. Plant maintenance (painting, welding, woodworking, cleaning, etc.)
5. Mobile sources (truck, forklifts, snowblowers, etc.)
6. Emergency equipment (generators, lights, pumps, etc. and training)
7. Materials handling and storage
8. Laboratory/analytical activities



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